User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/28/2002 Time: 08:32:25

Sample: AD31630
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/28/02 08:31 Ended: 2/28/02 08:31 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		110		5.0

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Comments for Sample AD31630 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-28-2002 Time: 08:32:28

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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\31630.D Vial: 43
Acq On : 23 Feb 2002 8:31 am Operator:
Sample : gc/ms scan 2/21 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 27 11:54 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	12.34	152	326210	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	1249348	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	638319	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.74	188	906557	20.00	ug/l	-0.03
38) Chrysene-d12	33.81	240	599391	20.00	ug/l	-0.04
44) Perylene-d12	38.09	264	379938	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.82	235	51876	5.48	ug/mL	0.32
Spiked Amount 5.000			Recovery = 109.60%			
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	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	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

NYC-WTC_000038236

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\31630.D Vial: 43
Acq On : 23 Feb 2002 8:31 am Operator:
Sample : gc/ms scan 2/21 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 27 11:54 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	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.70	149	1175	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	1392	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	2701	N.D.	
43)	Chrysene	33.81	228	1392	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	1371	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

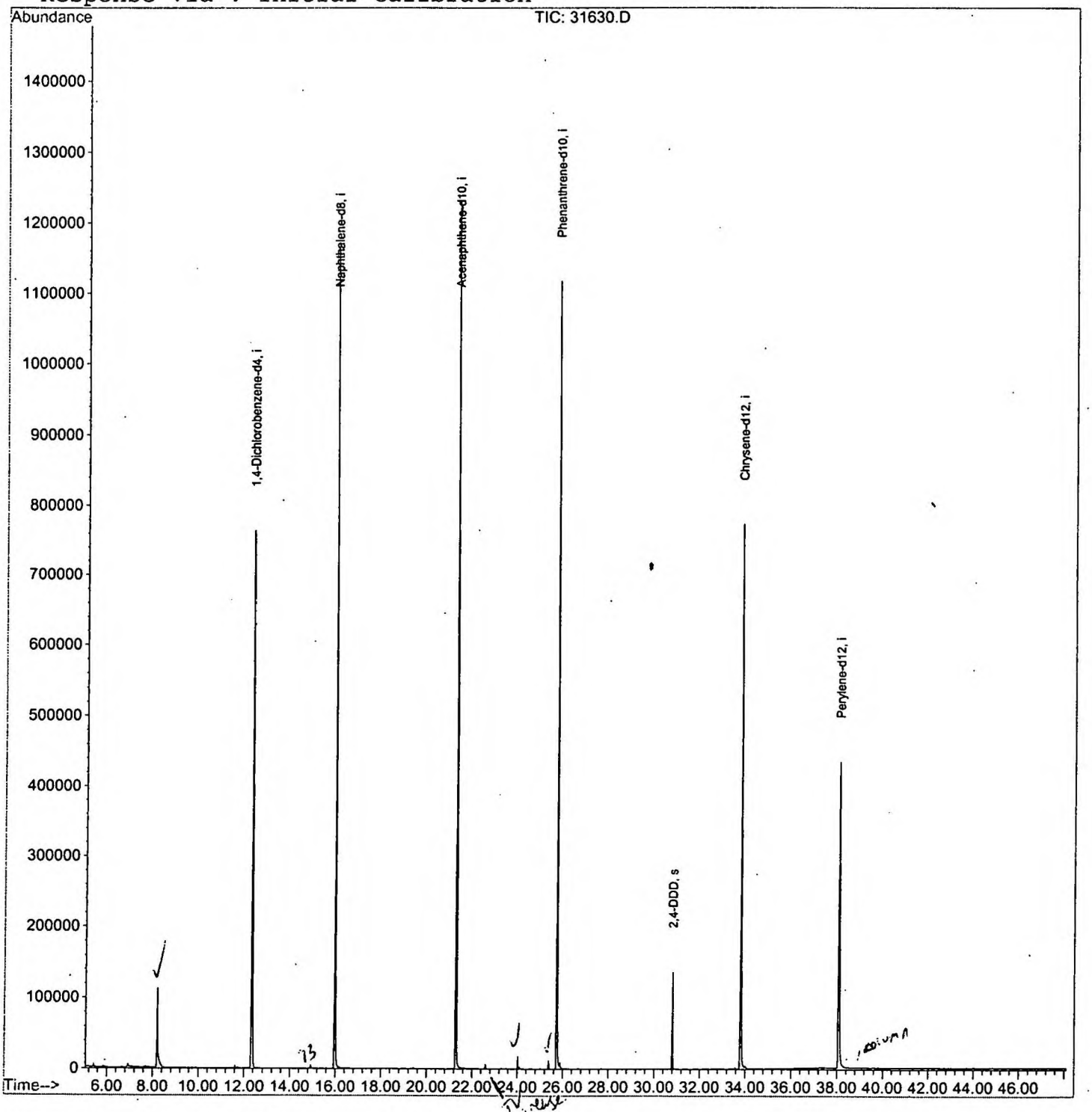
NYC-WTC_000038237

NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31630.D Vial: 43
Acq On : 23 Feb 2002 8:31 am Operator:
Sample : gc/ms scan 2/21 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 27 11:54 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



NYC-WTC_000038238

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31630.D Vial: 43
Acq On : 23 Feb 2002 8:31 am Operator:
Sample : gc/ms scan 2/21 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	8.195	339	343	362	rBV	111857	309626	12.06%	2.345%
2	12.327	788	793	809	rVB	763685	1893275	73.75%	14.340%
3	15.971	1184	1190	1206	rBV	1172263	2462705	95.94%	18.653%
4	21.287	1763	1769	1789	rBV	1231849	2567029	100.00%	19.444%
5	24.031	2063	2068	2072	rBV	18193	32715	1.27%	0.248%
6	25.381	2210	2215	2222	rVB2	12087	25716	1.00%	0.195%
7	25.739	2247	2254	2265	rBV2	1117725	2427214	94.55%	18.385%
8	30.807	2801	2806	2814	rBV	136448	280390	10.92%	2.124%
9	33.808	3125	3133	3150	rBV2	773421	1850242	72.08%	14.014%
10	38.086	3590	3599	3619	rBV2	432973	1353516	52.73%	10.252%

Sum of corrected areas: 13202428

31630.D GCMS0208.M Wed Feb 27 12:08:18 2002

NYC-WTC_000038239

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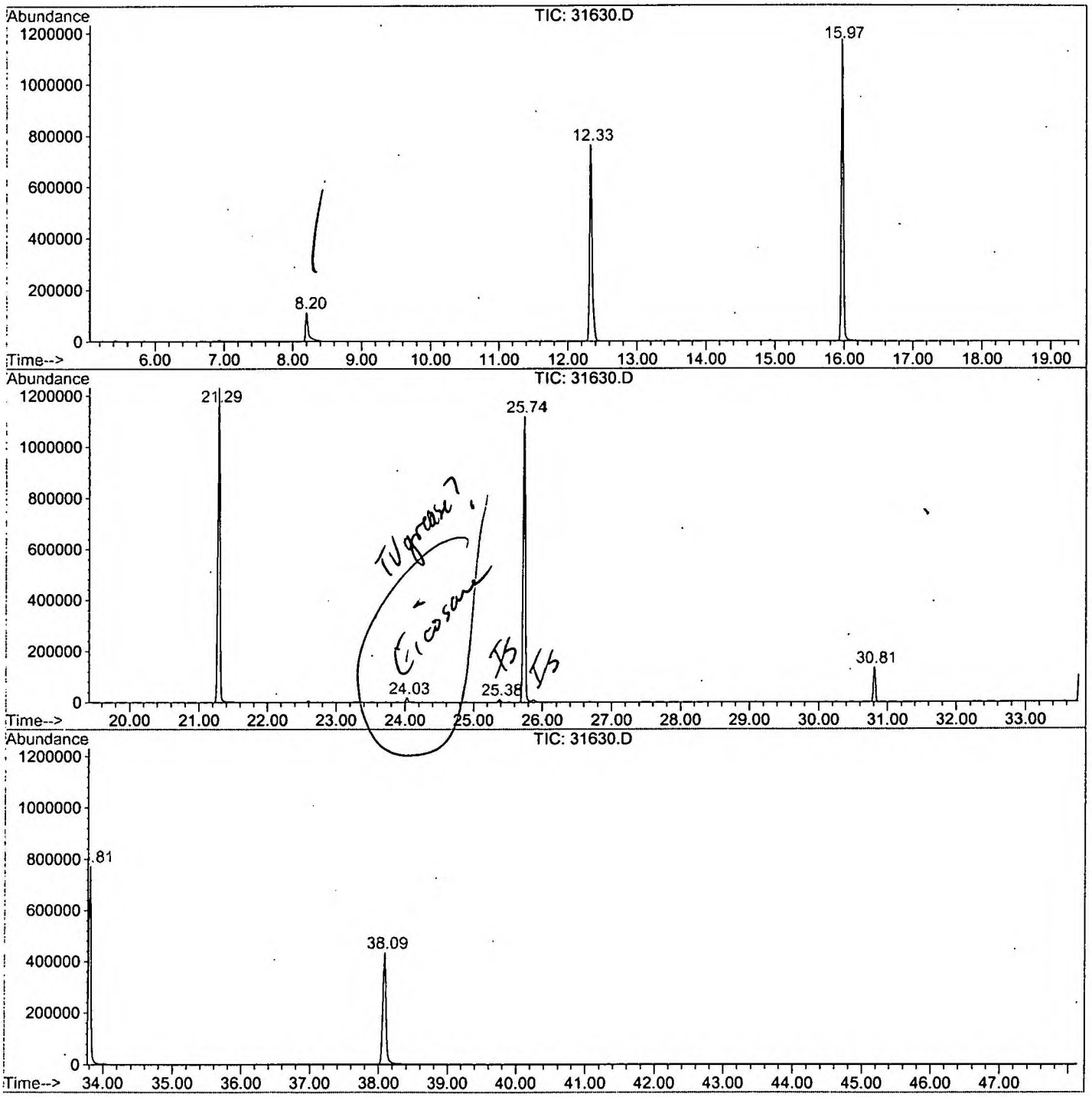
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\31630.D
Operator :
Acquired : 23 Feb 2002 8:31 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/21 fb
Misc Info :
Vial Number: 43
Quant File :GCMS0208.RES (RTE Integrator)



31630.D GCMS0208.M Wed Feb 27 12:08:23 2002

NYC-WTC_000038240

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31630.D Vial: 43
Acq On : 23 Feb 2002 8:31 am Operator:
Sample : gc/ms scan 2/21 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

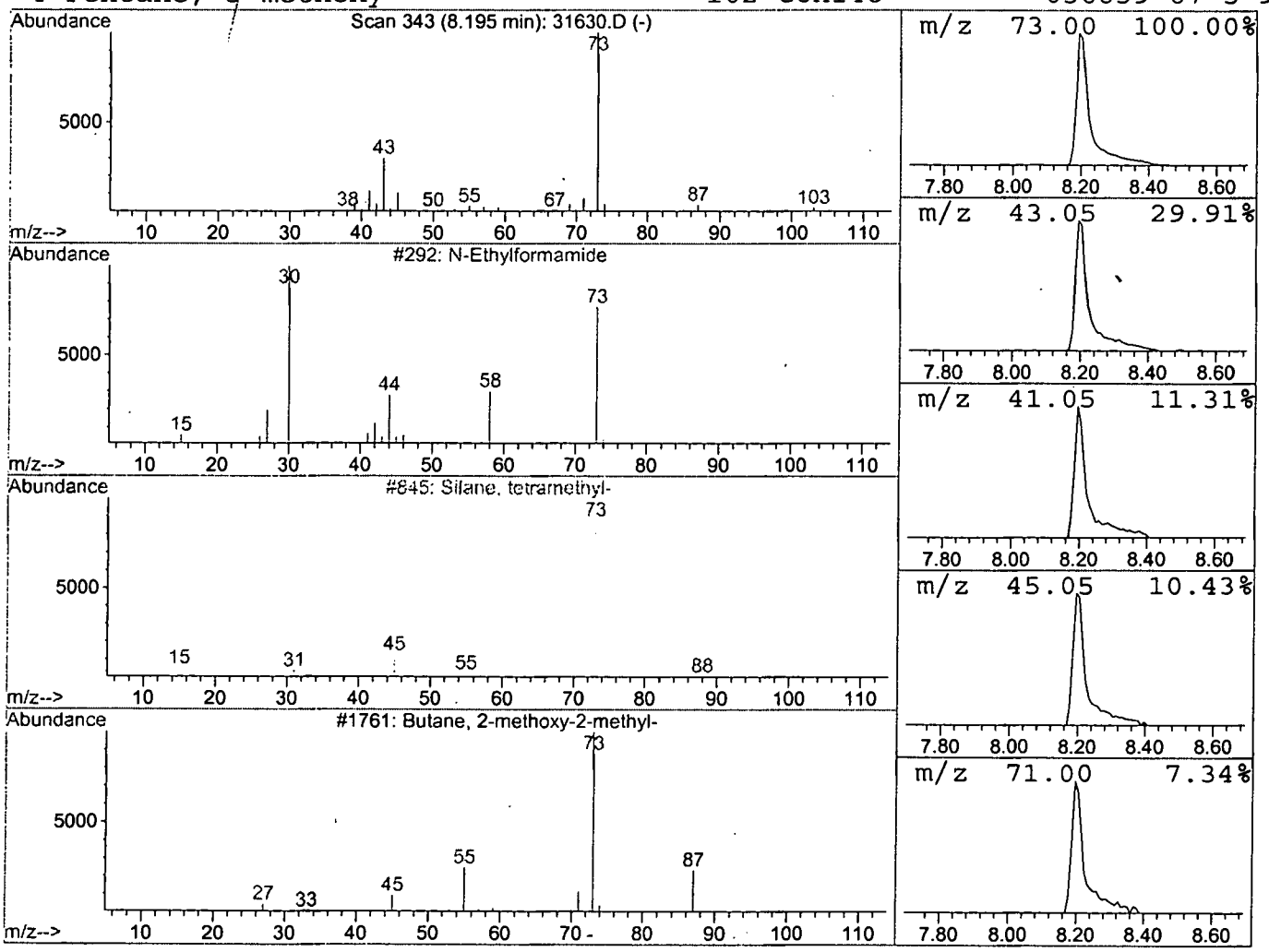
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.27 ug/l	309626	1,4-Dichlorobenzene-d4	12.34

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



NYC-WTC_000038241

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31630.D Vial: 43
Acq On : 23 Feb 2002 8:31 am Operator:
Sample : gc/ms scan 2/21 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

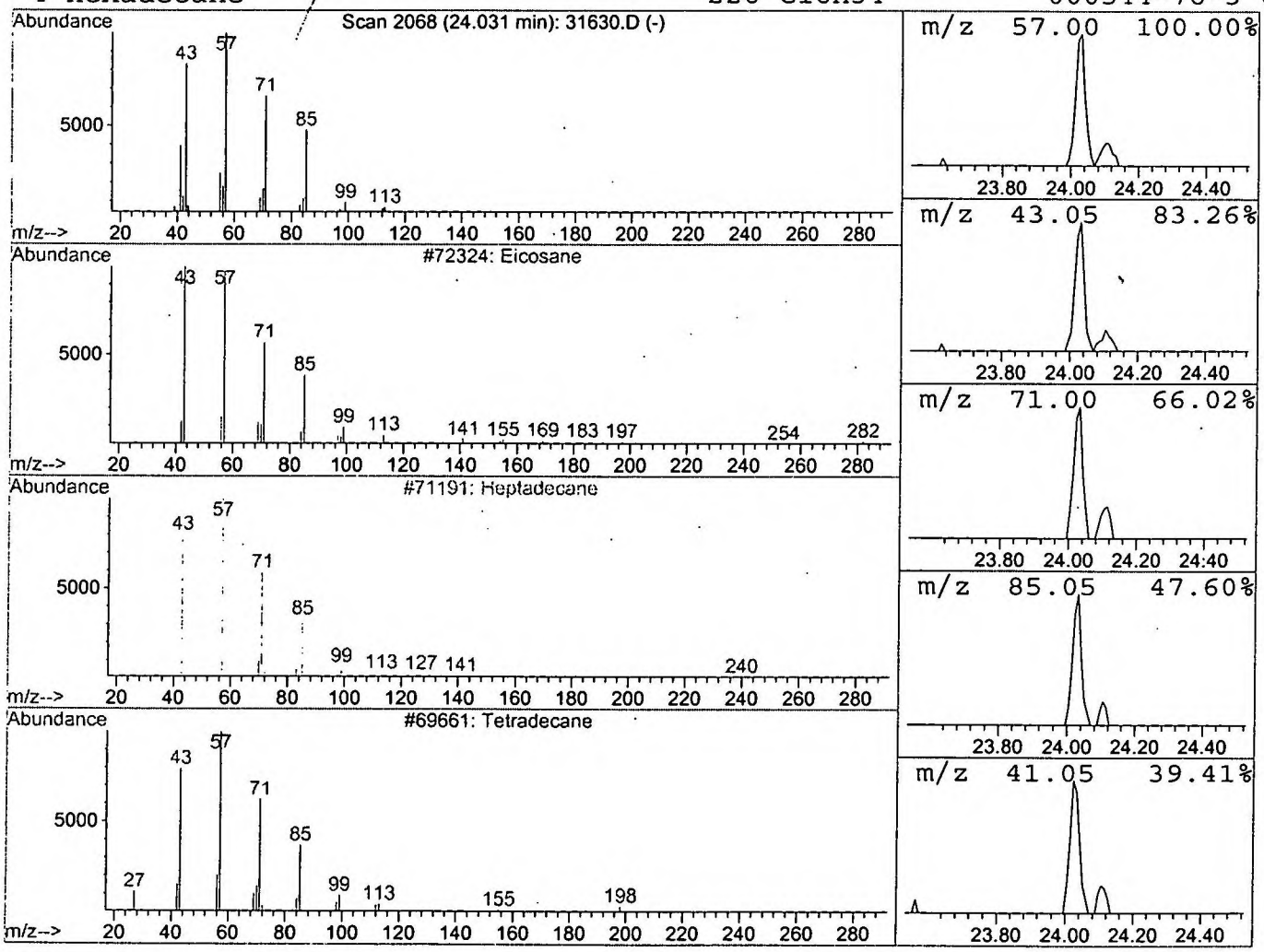
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Eicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	0.27 ug/l	32715	Phenanthrene-d10	25.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Heptadecane	240	C17H36	000629-78-7	78
3	Tetradecane	198	C14H30	000629-59-4	72
4	Hexadecane	226	C16H34	000544-76-3	64



NYC-WTC_000038242

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31630.D Vial: 43
Acq On : 23 Feb 2002 8:31 am Operator:
Sample : gc/ms scan 2/21 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

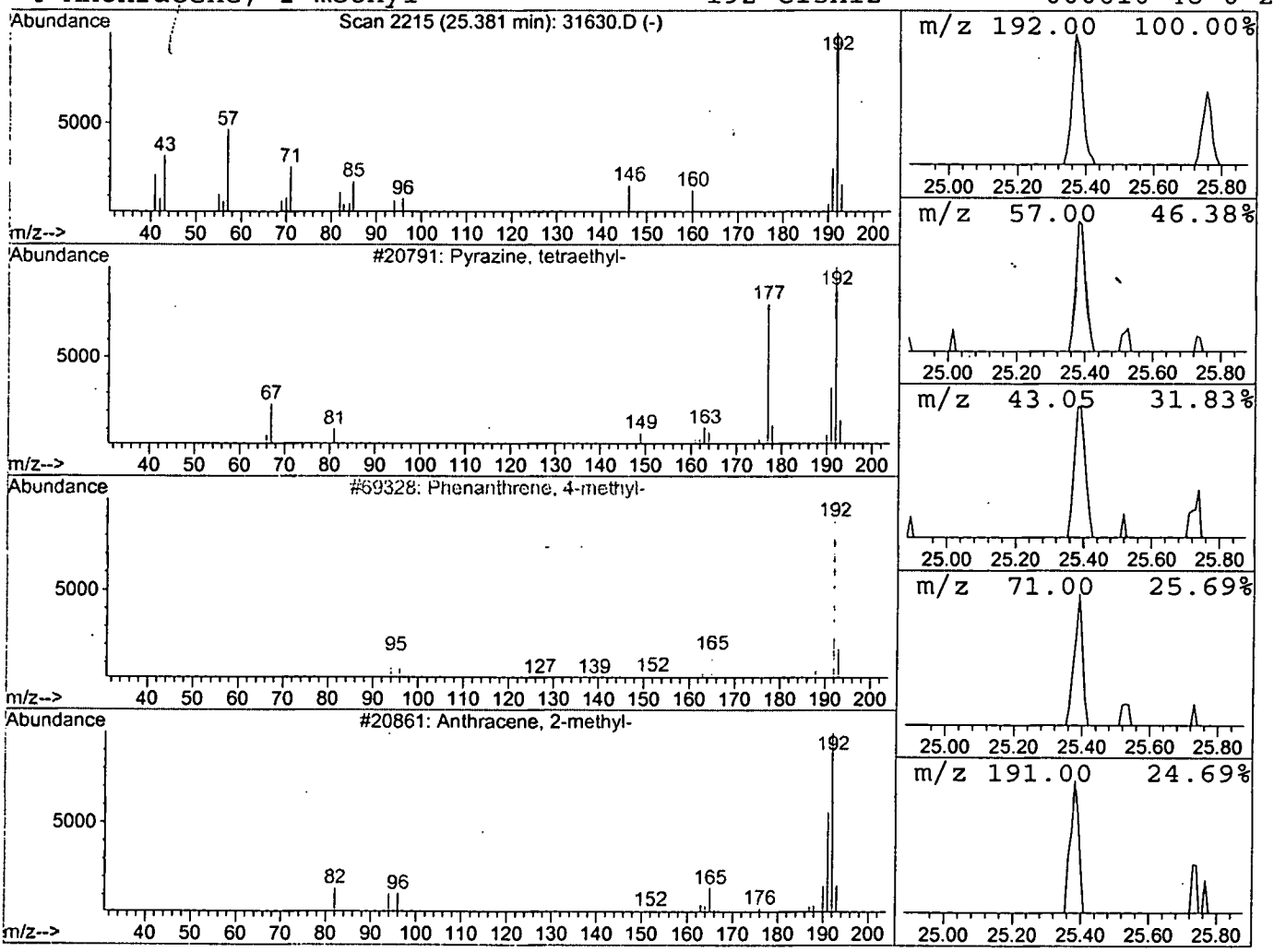
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Pyrazine, tetraethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.38	0.21 ug/l	25716	Phenanthrene-d10	25.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazine, tetraethyl-	192	C12H20N2	038325-19-8	40
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	25



NYC-WTC_000038243

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Feb 2002 8:31 am
Data File: C:\HPCHEM\1\DATA\FEB2102\31630.D
Name: gc/ms scan 2/21 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
N-Ethylformamide	8.20	3.3	ug/l	309626	ISTD01	12.34	1893280	20.0
Eicosane	24.03	0.3	ug/l	32715	ISTD04	25.74	2427210	20.0
Pyrazine, tetraethyl	25.38	0.2	ug/l	25716	ISTD04	25.74	2427210	20.0

31630.D GCMS0208.M Wed Feb 27 12:08:41 2002

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN2502\31630.D Vial: 30
Acq On : 25 Jan 2002 6:59 pm Operator: 209 GALOS
Sample : GC/MS SCAN 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 27 15:02 2002 Quant Results File: GCMS0103.RES

Quant 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
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.49	152	848081	20.00	ug/l	-0.04
10) Naphthalene-d8	15.08	136	3287629	20.00	ug/l	-0.04
17) Acenaphthene-d10	20.35	164	1615442	20.00	ug/l	-0.04
29) Phenanthrene-d10	24.75	188	2200037	20.00	ug/l	-0.05
38) Chrysene-d12	32.78	240	1184528	20.00	ug/l	-0.05
44) Perylene-d12	36.84	264	721901	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	29.84	235	98874	3.92	ug/mL	-0.23
Spiked Amount 5.000			Recovery = 78.40%			
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	13.30	82	193	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	15.14	128	941	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	20.74	165	180	N.D.		
25) Diethylphthalate	21.87	149	846	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

NYC-WTC_000038245

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN2502\31630.D Vial: 30
Acq On : 25 Jan 2002 6:59 pm Operator: 209 GALOS
Sample : GC/MS SCAN 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 27 15:02 2002 Quant Results File: GCMS0103.RES

Quant 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
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	24.83	178	413	N.D.	
34) Anthracene	24.83	178	413	N.D.	
35) Di-n-butylphthalate	26.78	149	15862	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	32.78	228	3165	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.09	149	1486	N.D.	
43) Chrysene	32.78	228	3165	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	36.83	252	3349	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

NYC-WTC_000038246

NYC 9/11 Public Portal Document

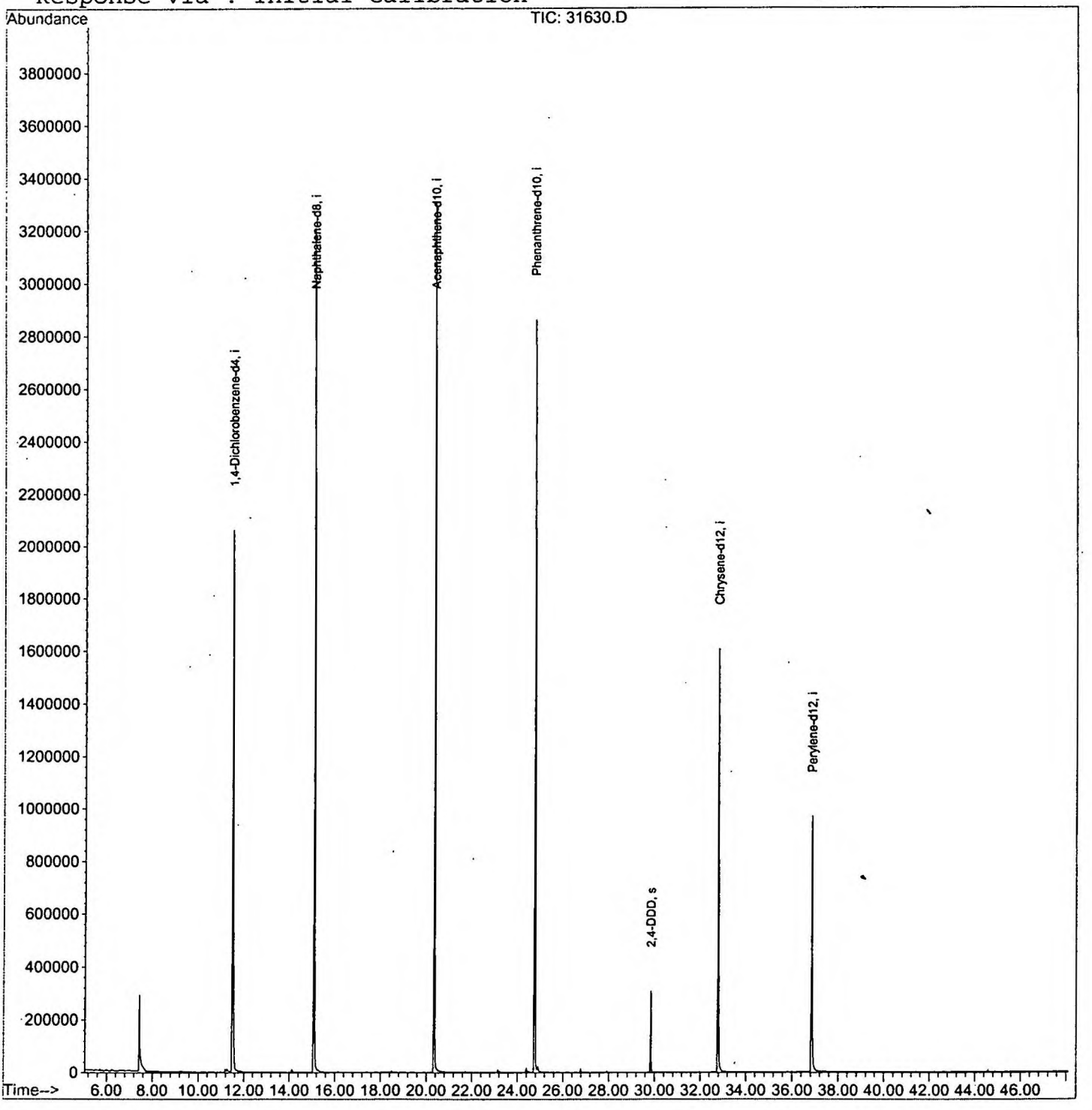
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN2502\31630.D
Acq On : 25 Jan 2002 6:59 pm
Sample : GC/MS SCAN 1/2
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 27 15:02 2002

Vial: 30
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0103.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



NYC-WTC_000038247