User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 15:36:19

Sample: AD31250
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 15:35 Ended: 2/11/02 15:35 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		107		5.0

Comments for Sample AD31250 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 15:36:23

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\31250.D Vial: 6
Acq On : 10 Jan 2002 8:25 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 16:25 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	645274	20.00	ug/l	0.00
10) Naphthalene-d8	15.12	136	2524548	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1280472	20.00	ug/l	0.00
29) Phenanthrene-d10	24.80	188	1785563	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1037135	20.00	ug/l	0.00
44) Perylene-d12	36.90	264	596600	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	29.89	235	109902	5.36	ug/mL	-0.18
Spiked Amount 5.000			Recovery = 107.20%			
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	15.18	128	2148	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	0.00	165	0	N.D.		
25) Diethylphthalate	21.92	149	1083	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\31250.D
Acq On : 10 Jan 2002 8:25 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 5 16:25 2002

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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	24.88	178	1321	N.D.	
34) Anthracene	25.01	178	414	N.D.	
35) Di-n-butylphthalate	26.83	149	3884	N.D.	
36) Fluoranthene	28.51	202	246	N.D.	
39) Pyrene	29.17	202	862	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	32.84	228	3506	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.13	149	3219	N.D.	
43) Chrysene	32.91	228	1130	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	35.95	252	689	N.D.	
47) Benzo(k)fluoranthene	35.95	252	689	N.D.	
48) Benzo(a)pyrene	36.90	252	2862	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

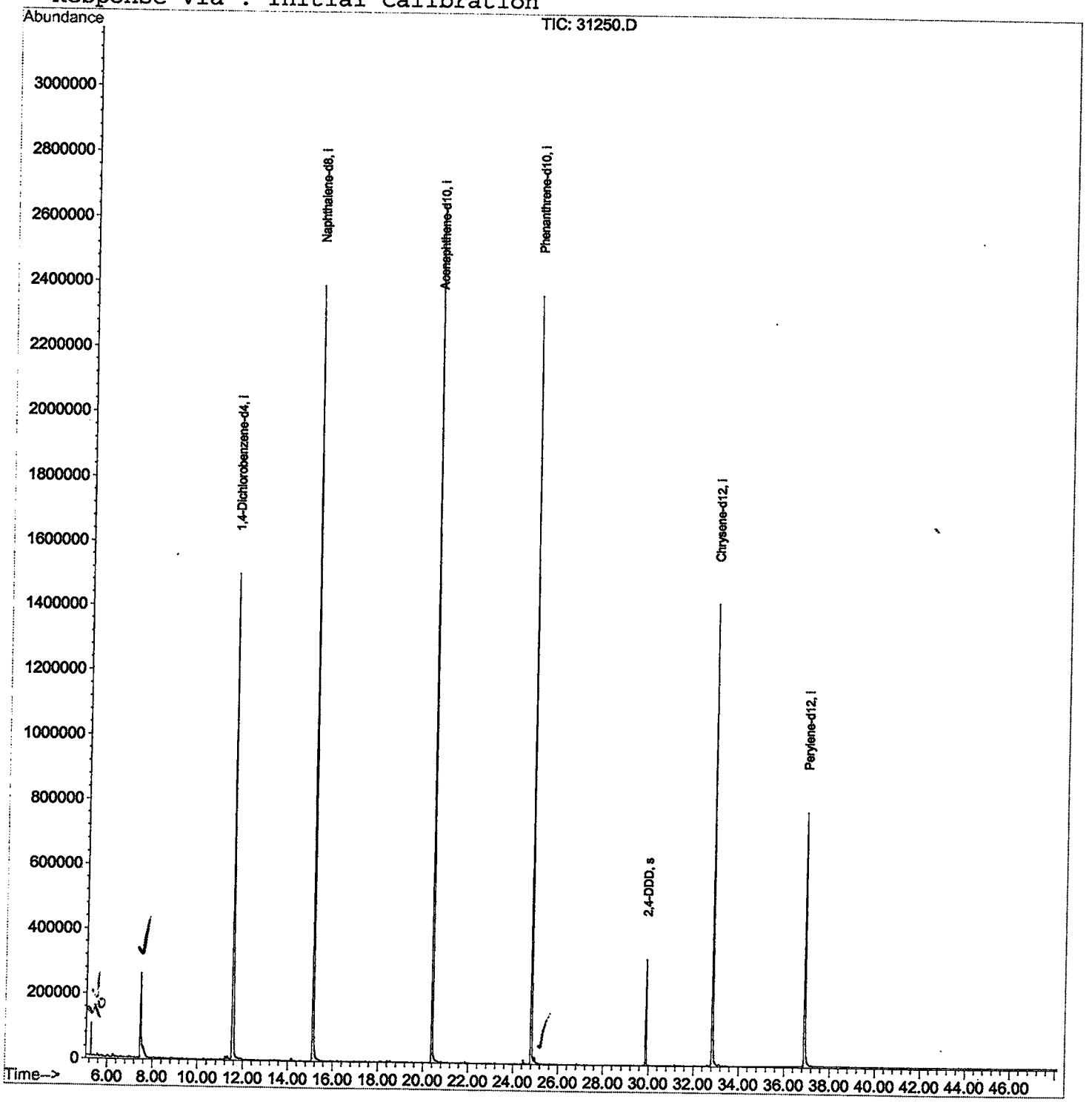
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31250.D
Acq On : 10 Jan 2002 8:25 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 5 16:25 2002

Vial: 6
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\31250.D Vial: 6
Acq On : 10 Jan 2002 8:25 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

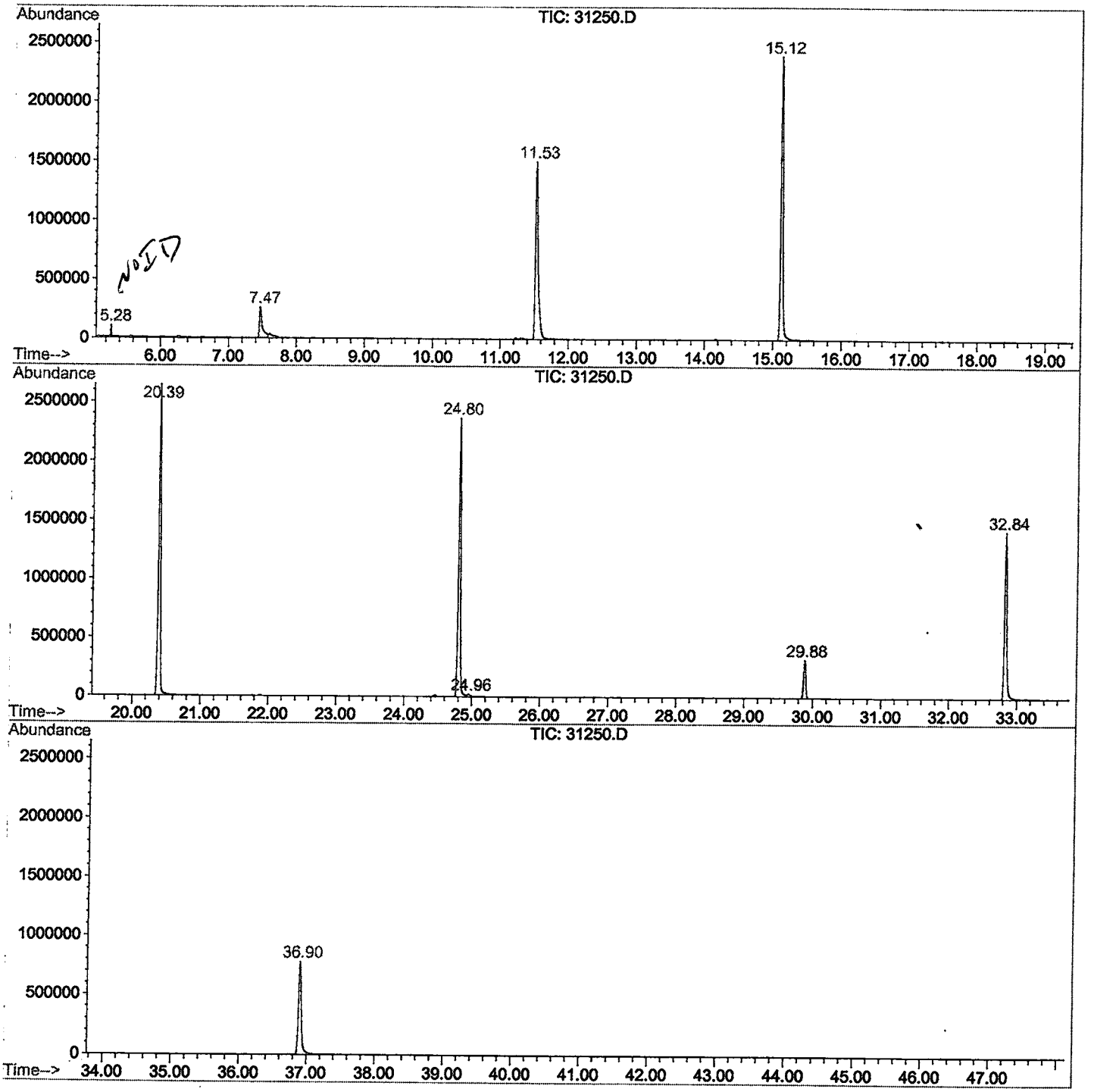
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.277	23	25	27	rBV	97646	57115	1.07%	0.214%
2	7.471	260	264	276	rBV	258116	759036	14.22%	2.844%
3	11.528	701	706	726	rBV	1498218	4099207	76.82%	15.361%
4	15.118	1092	1097	1117	rBV	2390188	5172894	96.94%	19.385%
5	20.387	1665	1671	1690	rBV	2646607	5336391	100.00%	19.998%
6	24.803	2146	2152	2165	rBV2	2366150	4998690	93.67%	18.732%
7	24.959	2165	2169	2179	rVB	18149	54505	1.02%	0.204%
8	29.880	2700	2705	2712	rBV	323495	679446	12.73%	2.546%
9	32.836	3021	3027	3047	rBV2	1418994	3321035	62.23%	12.445%
10	36.903	3463	3470	3488	rBV2	777750	2206839	41.35%	8.270%

Sum of corrected areas: 26685158

31250.D GCMS0103.M Tue Feb 05 16:48:54 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0902\31250.D
Operator : 209 GALOS
Acquired : 10 Jan 2002 8:25 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/24
Misc Info :
Vial Number: 6
Quant File :GCMS0103.RES (RTE Integrator)



31250.D GCMS0103.M Tue Feb 05 16:49:00 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31250.D
Acq On : 10 Jan 2002 8:25 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

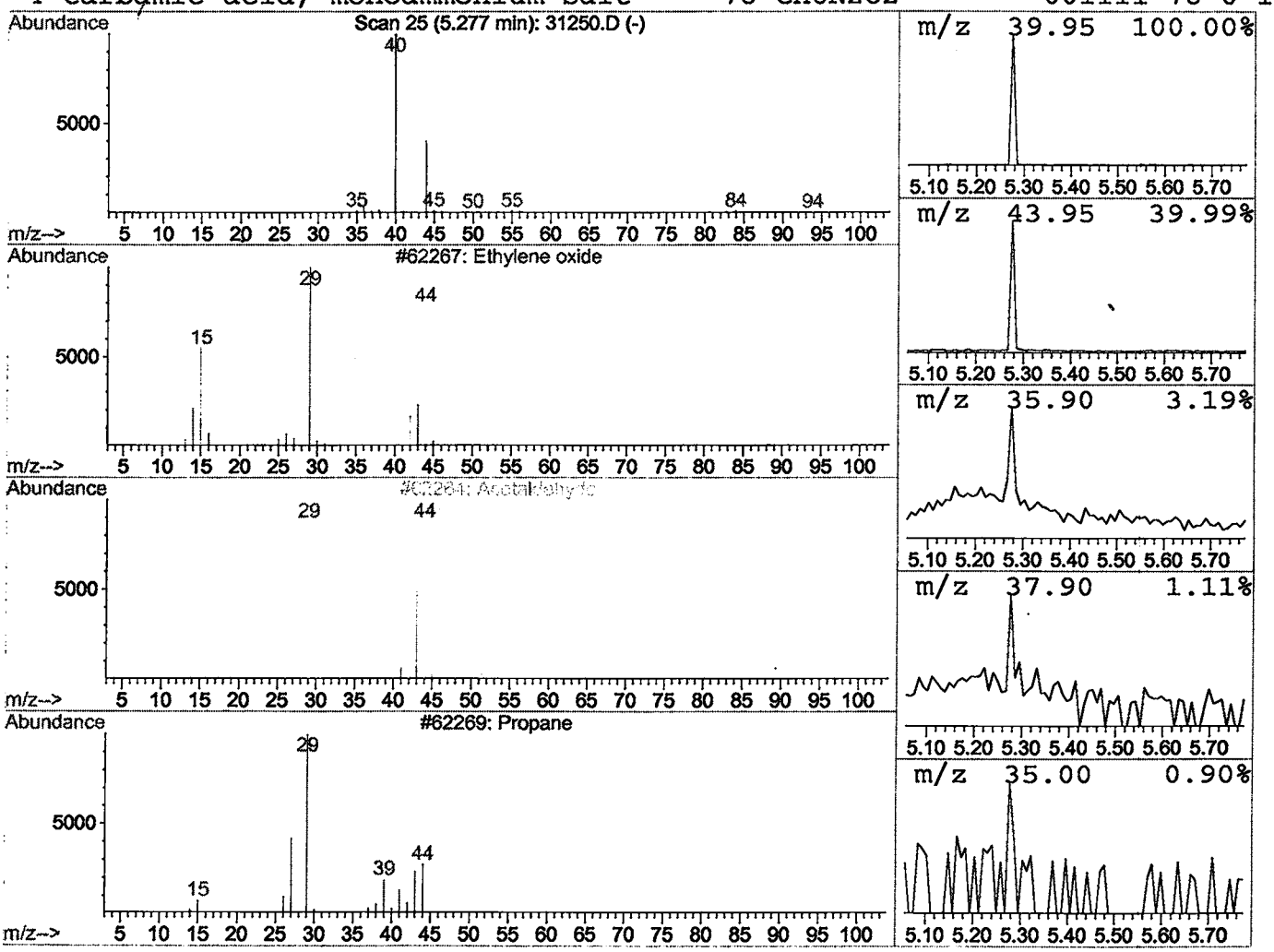
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Ethylene oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	0.28 ug/l	57115	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene oxide	44	C2H4O	000075-21-8	3
2	Acetaldehyde	44	C2H4O	000075-07-0	3
3	Propane	44	C3H8	000074-98-6	1
4	Carbamic acid, monoammonium salt	78	CH6N2O2	001111-78-0	1



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31250.D
Acq On : 10 Jan 2002 8:25 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 6
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

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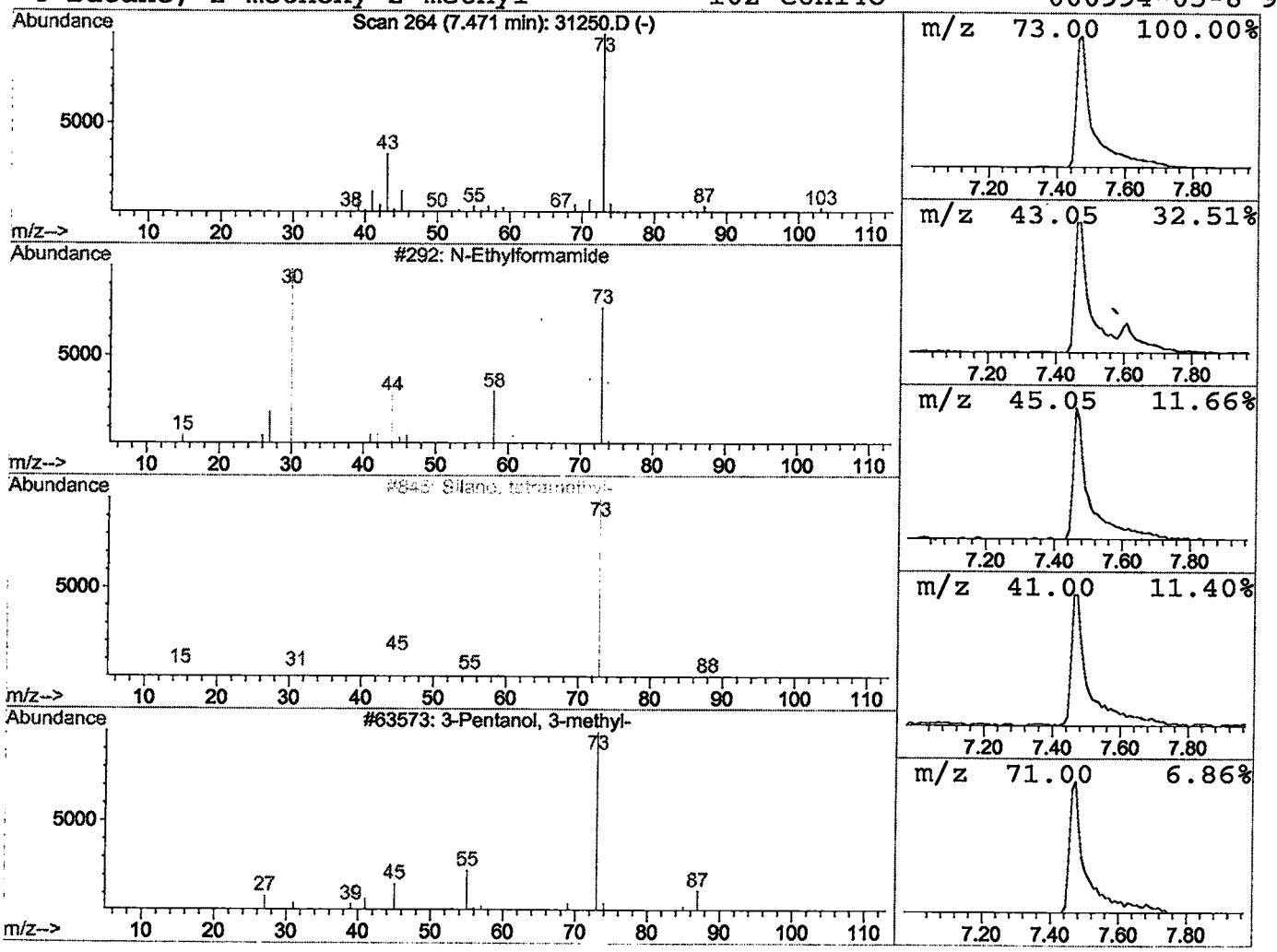
Peak Number 2 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.70 ug/l	759036	1,4-Dichlorobenzene-d4	11.53

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	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31250.D
Acq On : 10 Jan 2002 8:25 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

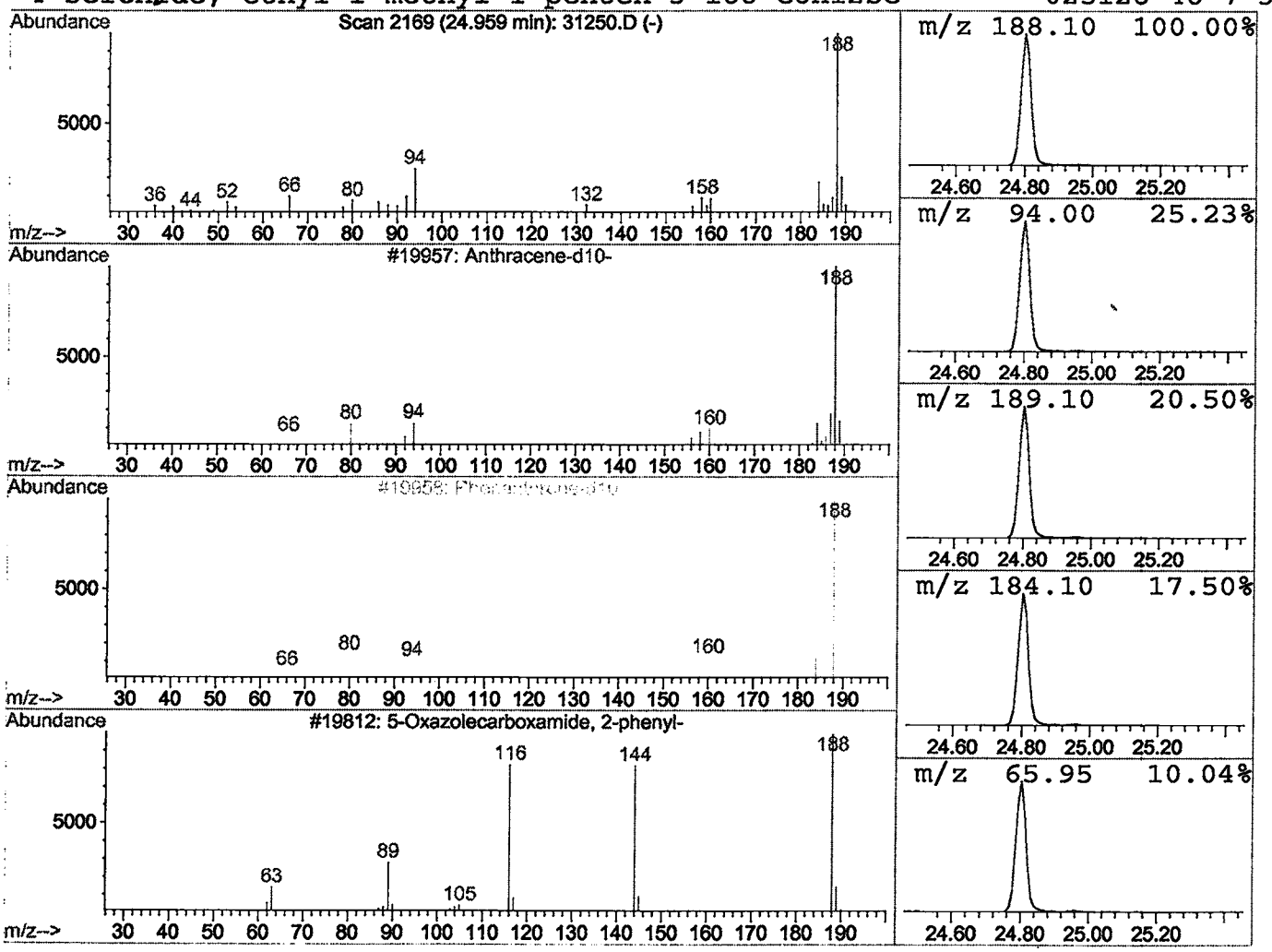
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.96	0.22 ug/l	54505	Phenanthrene-d10	24.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	72
2	Phenanthrene-d10	188	C14D10	001517-22-2	72
3	5-Oxazolecarboxamide, 2-phenyl-	188	C10H8N2O2	039819-42-6	37
4	Selenide, ethyl 1-methyl-1-penten-3	188	C8H12Se	025128-48-7	33



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Jan 2002 8:25 pm
Data File: C:\HPCHEM\1\DATA\JAN0902\31250.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
Ethylene oxide	5.28	0.3	ug/l	57115	ISTD01	11.53	4099210	20.0
N-Ethylformamide	7.47	3.7	ug/l	759036	ISTD01	11.53	4099210	20.0
Anthracene-d10 - SC	24.96	0.2	ug/l	54505	ISTD04	24.80	4998690	20.0

31250.D GCMS0103.M Tue Feb 05 16:49:18 2002