User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 15:41:57

Sample: AD31342
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 15:41 Ended: 2/11/02 15:41 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		112		5.0

Comments for Sample AD31342 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 15:42:00

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\31342.D Vial: 8
Acq On : 10 Jan 2002 10:23 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 16:34 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	588450	20.00	ug/l	0.00
10) Naphthalene-d8	15.12	136	2297891	20.00	ug/l	0.00
17) Acenaphthene-d10	20.38	164	1169545	20.00	ug/l	0.00
29) Phenanthrene-d10	24.80	188	1677477	20.00	ug/l	0.00
38) Chrysene-d12	32.83	240	968862	20.00	ug/l	0.00
44) Perylene-d12	36.90	264	550333	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	29.89	235	108165	5.62	ug/mL	-0.18
Spiked Amount 5.000			Recovery = 112.40%			
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	13.18	117	135	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	13.68	82	102	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	3214	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	21.91	149	561	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\31342.D
Acq On : 10 Jan 2002 10:23 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 5 16:34 2002

Vial: 8
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

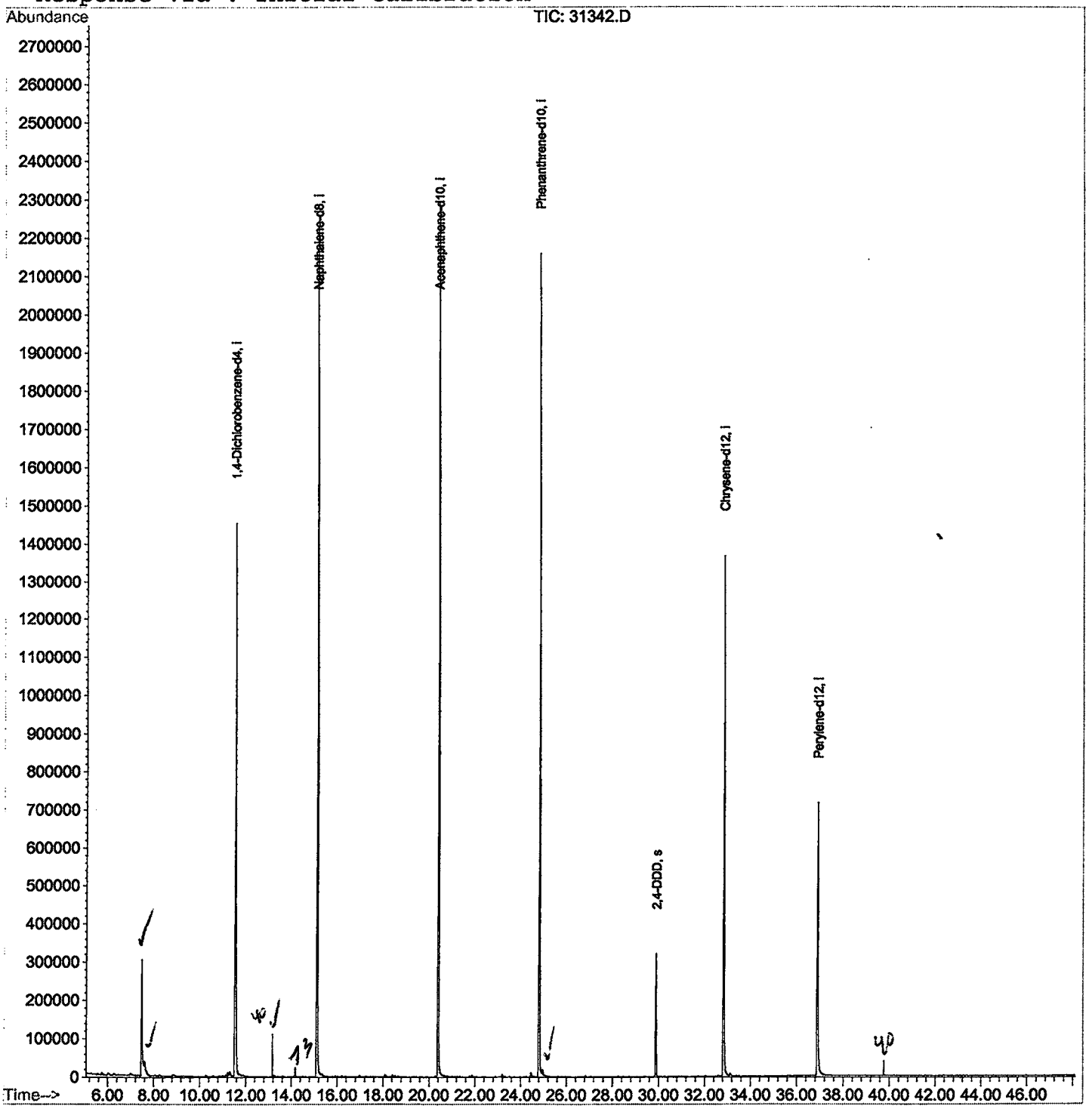
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.87	178	810	N.D.	
34)	Anthracene	24.87	178	810	N.D.	
35)	Di-n-butylphthalate	26.83	149	4328	N.D.	
36)	Fluoranthene	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	32.83	228	2509	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.14	149	4465	N.D.	
43)	Chrysene	32.91	228	189	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	2196	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\31342.D Vial: 8
Acq On : 10 Jan 2002 10:23 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 16:34 2002 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\31342.D Vial: 8
Acq On : 10 Jan 2002 10:23 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

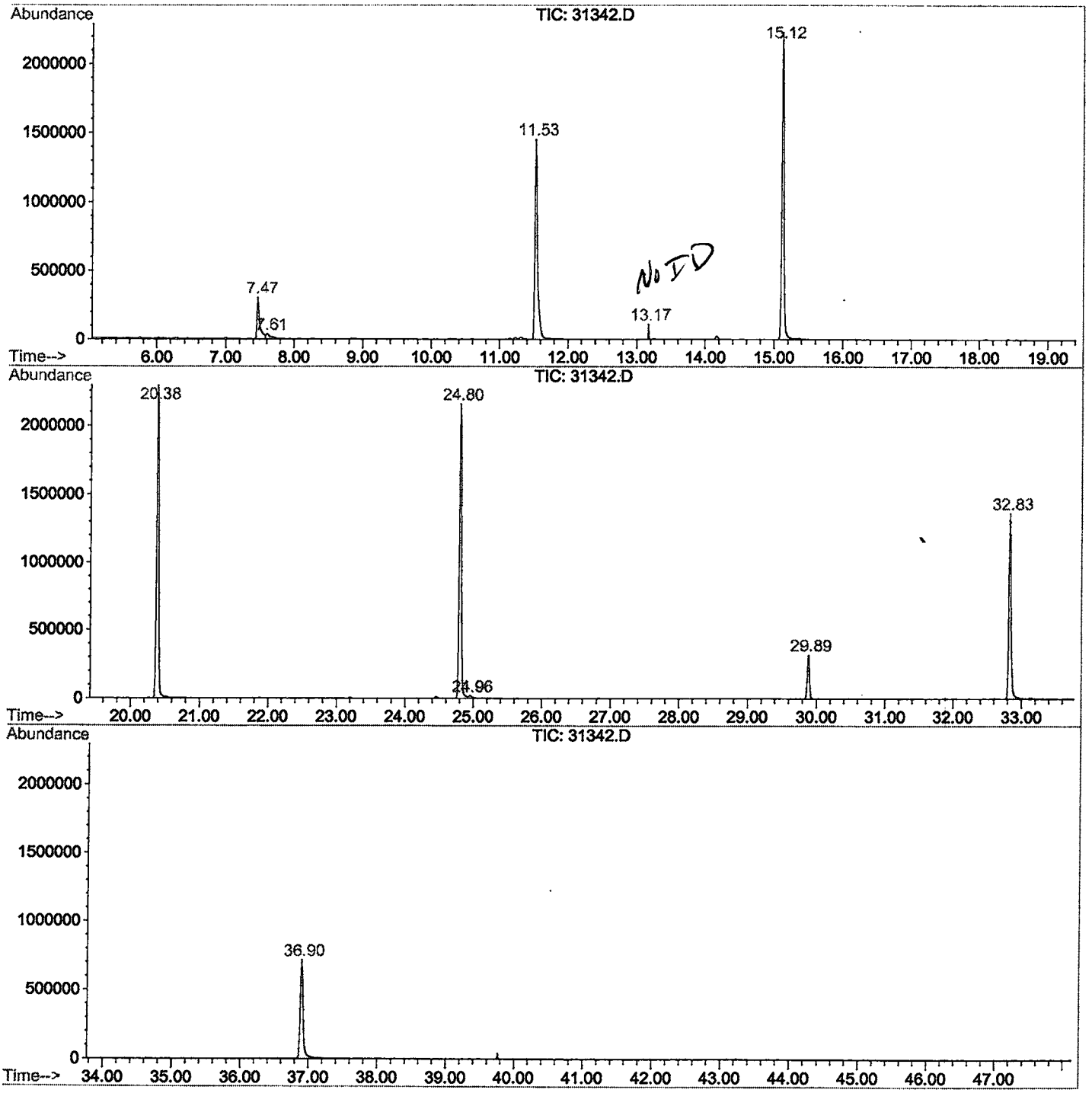
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.468	260	264	276	rBV	302688	794926	16.17%	3.176%
2	7.605	276	279	297	rVB	36587	158083	3.22%	0.632%
3	11.525	701	706	725	rBV	1452793	3755498	76.41%	15.007%
4	13.168	883	885	887	rBV	111522	62670	1.28%	0.250%
5	15.124	1092	1098	1117	rBV	2229029	4727534	96.18%	18.891%
6	20.384	1665	1671	1689	rBV	2293949	4915072	100.00%	19.640%
7	24.800	2146	2152	2165	rBV2	2158433	4714981	95.93%	18.841%
8	24.956	2165	2169	2179	rVB2	16628	54418	1.11%	0.217%
9	29.886	2701	2706	2713	rBV	319825	665131	13.53%	2.658%
10	32.833	3021	3027	3046	rBV2	1366112	3131948	63.72%	12.515%
11	36.900	3463	3470	3488	rBV2	713508	2045104	41.61%	8.172%

Sum of corrected areas: 25025365

31342.D GCMS0103.M Tue Feb 05 16:54:50 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0902\31342.D
Operator : 209 GALOS
Acquired : 10 Jan 2002 10:23 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/24
Misc Info :
Vial Number: 8
Quant File :GCMS0103.RES (RTE Integrator)



31342.D GCMS0103.M Tue Feb 05 16:54:56 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31342.D
Acq On : 10 Jan 2002 10:23 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

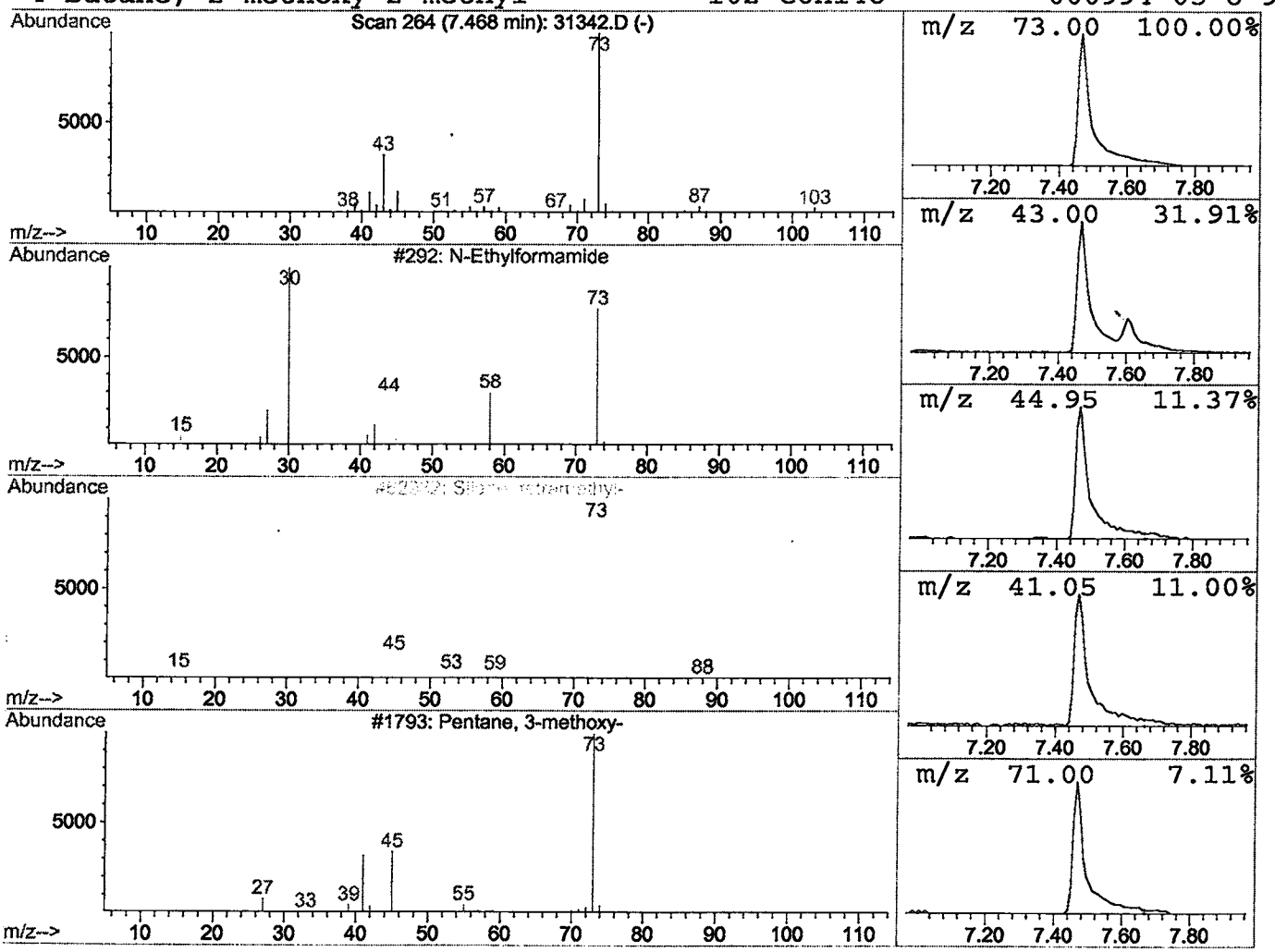
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	4.23 ug/l	794926	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	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\JAN0902\31342.D
Acq On : 10 Jan 2002 10:23 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

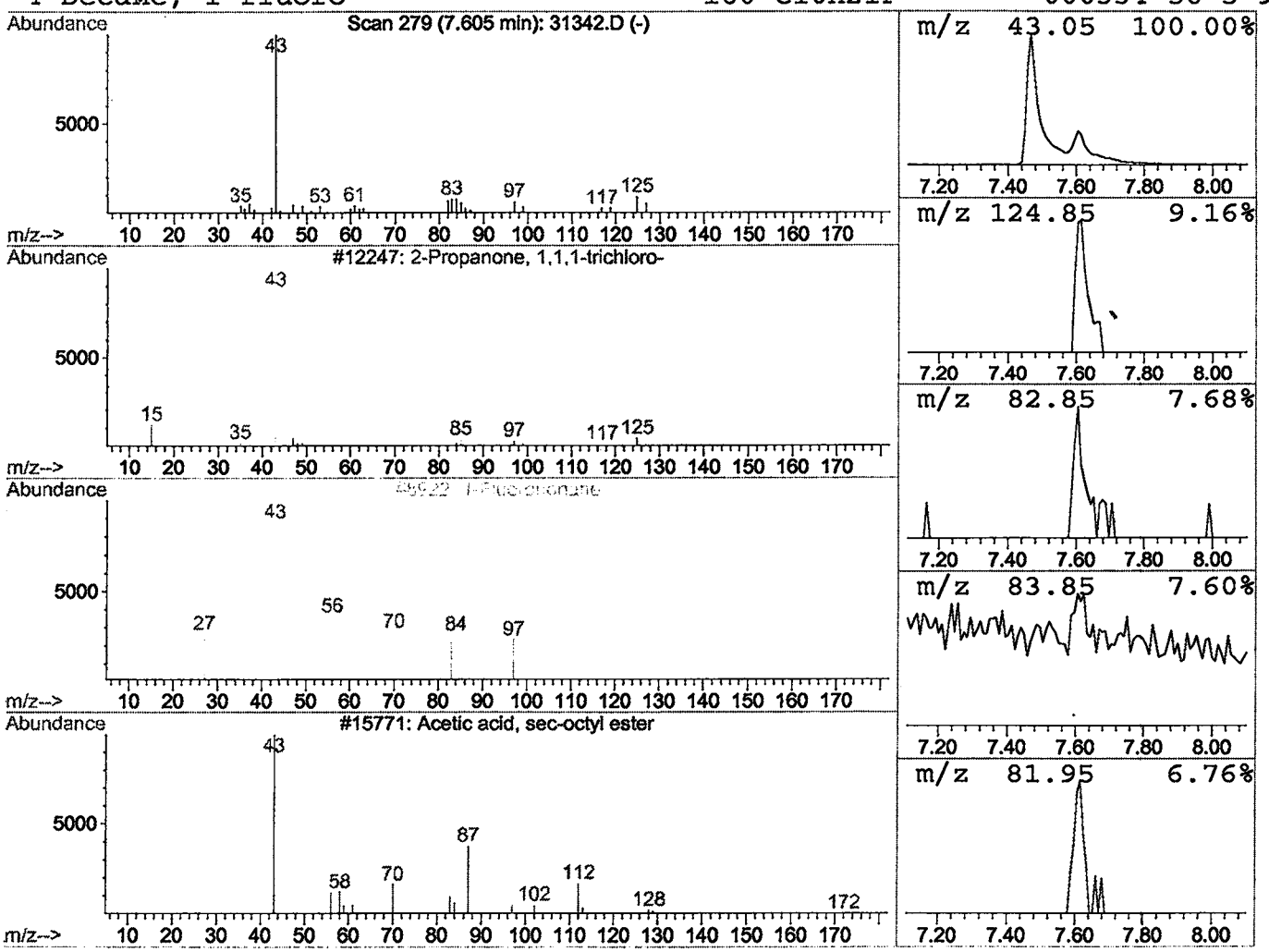
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	0.84 ug/l	158083	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	64
2	1-Fluorononane	146	C9H19F	000463-18-3	12
3	Acetic acid, sec-octyl ester	172	C10H20O2	054515-77-4	9
4	Decane, 1-fluoro-	160	C10H21F	000334-56-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31342.D Vial: 8
Acq On : 10 Jan 2002 10:23 pm Operator: 209 GALOS
Sample : gcms scan 12/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

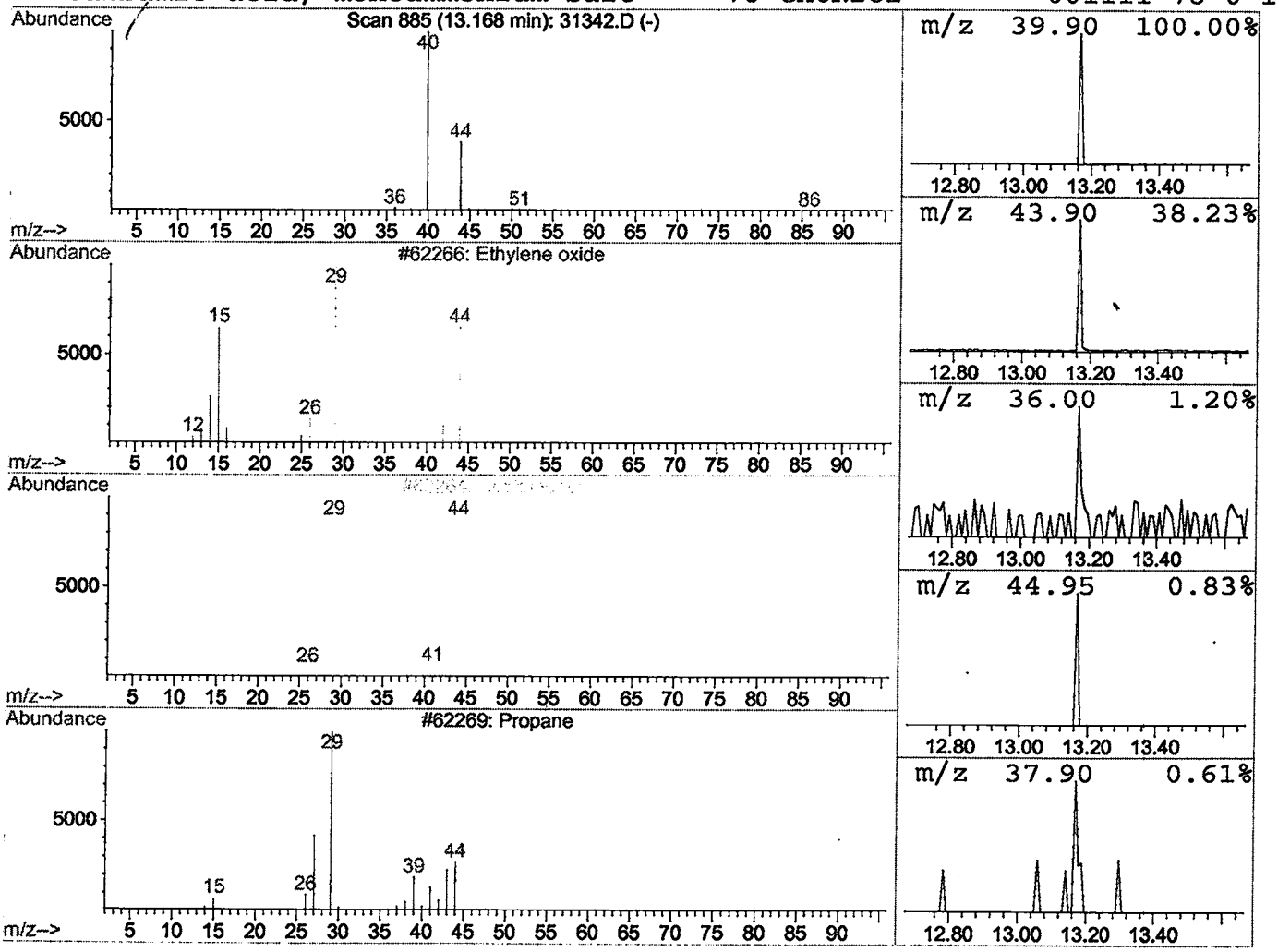
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Ethylene oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	0.33 ug/l	62670	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\31342.D
Acq On : 10 Jan 2002 10:23 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

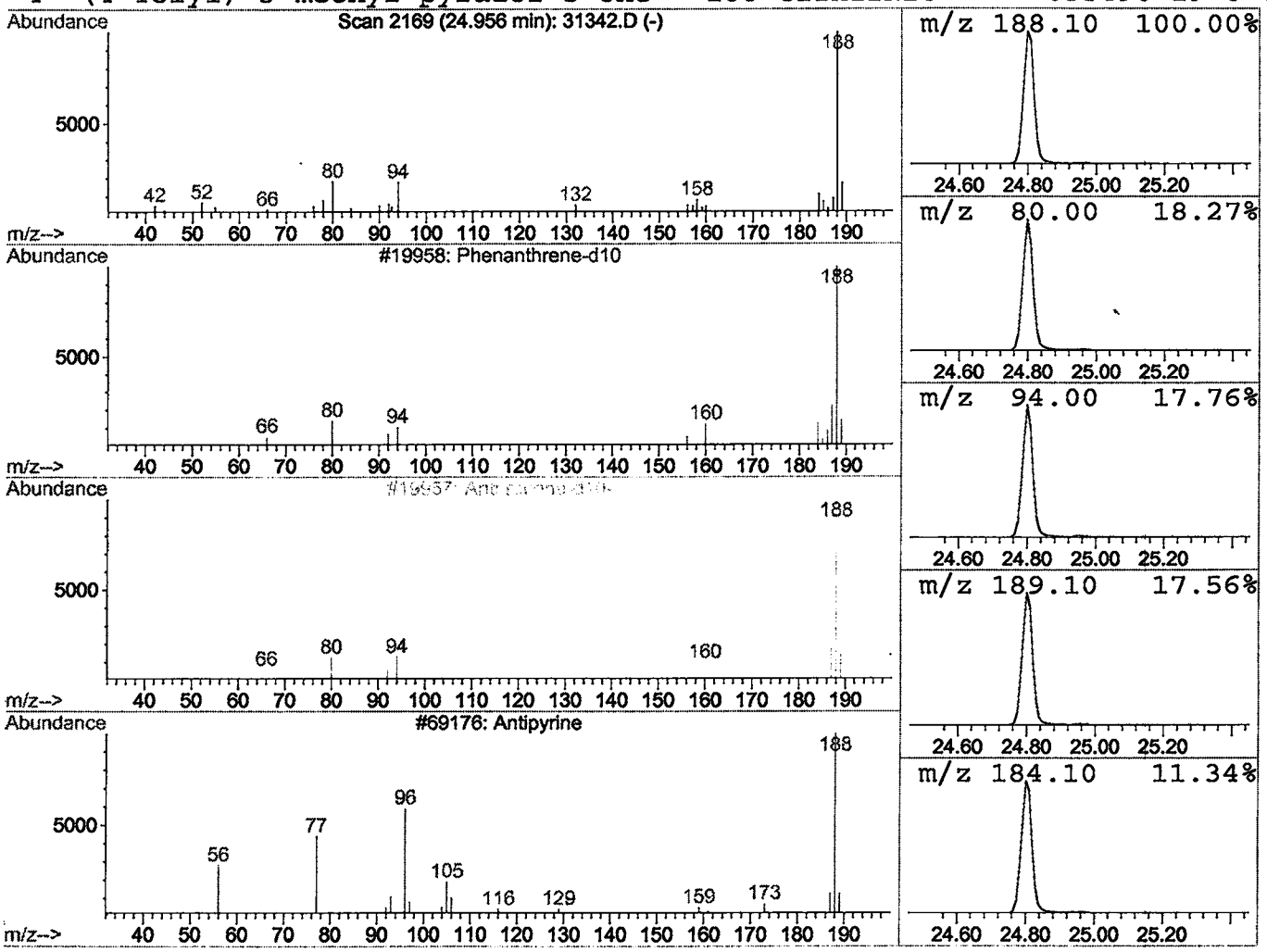
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Phenanthrene-d10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.96	0.23 ug/l	54418	Phenanthrene-d10	24.80

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	43
3	Antipyrine	188	C11H12N2O	000060-80-0	40
4	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	40



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Jan 2002 10:23 pm
Data File: C:\HPCHEM\1\DATA\JAN0902\31342.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
N-Ethylformamide	7.47	4.2	ug/l	794926	ISTD01	11.53	3755500	20.0
2-Propanone, 1,1,1-t	7.61	0.8	ug/l	158083	ISTD01	11.53	3755500	20.0
Ethylene oxide	13.17	0.3	ug/l	62670	ISTD01	11.53	3755500	20.0
Phenanthrene-d10	24.96	0.2	ug/l	54418	ISTD04	24.80	4714980	20.0

31342.D GCMS0103.M Tue Feb 05 16:55:20 2002