User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 15:39:20

Sample: AD31345
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 15:39 Ended: 2/11/02 15:39 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		5.0

Comments for Sample AD31345 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 15:39:24

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\31345.D Vial: 11
Acq On : 11 Jan 2002 1:19 am 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 16:38 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	11.52	152	619489	20.00	ug/l	0.00
10) Naphthalene-d8	15.12	136	2422168	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1238435	20.00	ug/l	0.00
29) Phenanthrene-d10	24.81	188	1711167	20.00	ug/l	0.00
38) Chrysene-d12	32.83	240	954043	20.00	ug/l	0.00
44) Perylene-d12	36.90	264	549576	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	79442	4.04	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 80.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.12	74	167	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	697	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	20.82	165	179	N.D.		
25) Diethylphthalate	21.93	149	322	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\31345.D Vial: 11
Acq On : 11 Jan 2002 1:19 am 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 16:38 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

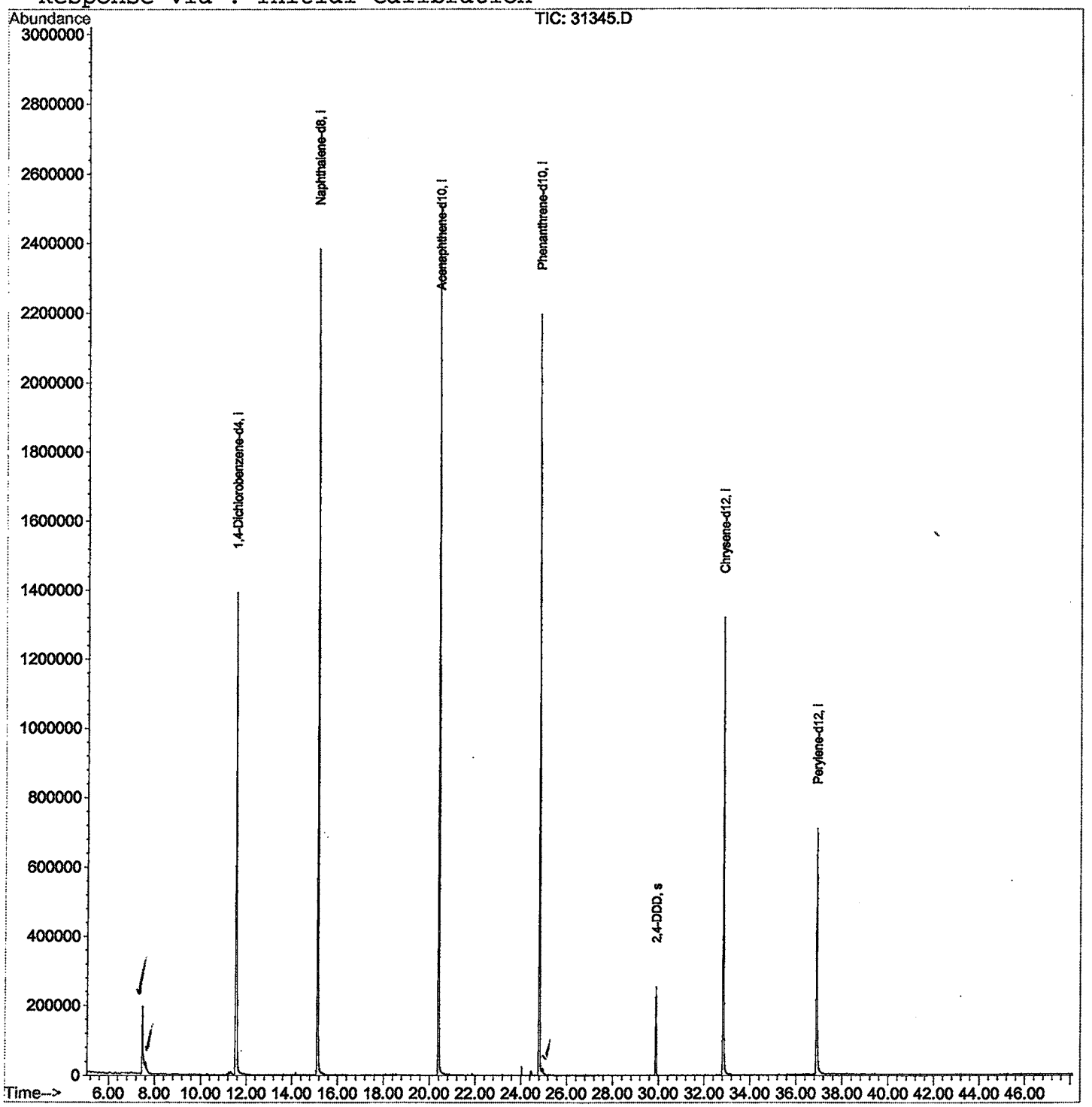
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.87	178	124	N.D.	
34)	Anthracene	24.87	178	124	N.D.	
35)	Di-n-butylphthalate	26.84	149	2722	N.D.	
36)	Fluoranthene	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	2158	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.12	149	1545	N.D.	
43)	Chrysene	32.83	228	2158	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	2324	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\31345.D Vial: 11
Acq On : 11 Jan 2002 1:19 am 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 16:38 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\31345.D Vial: 11
Acq On : 11 Jan 2002 1:19 am 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

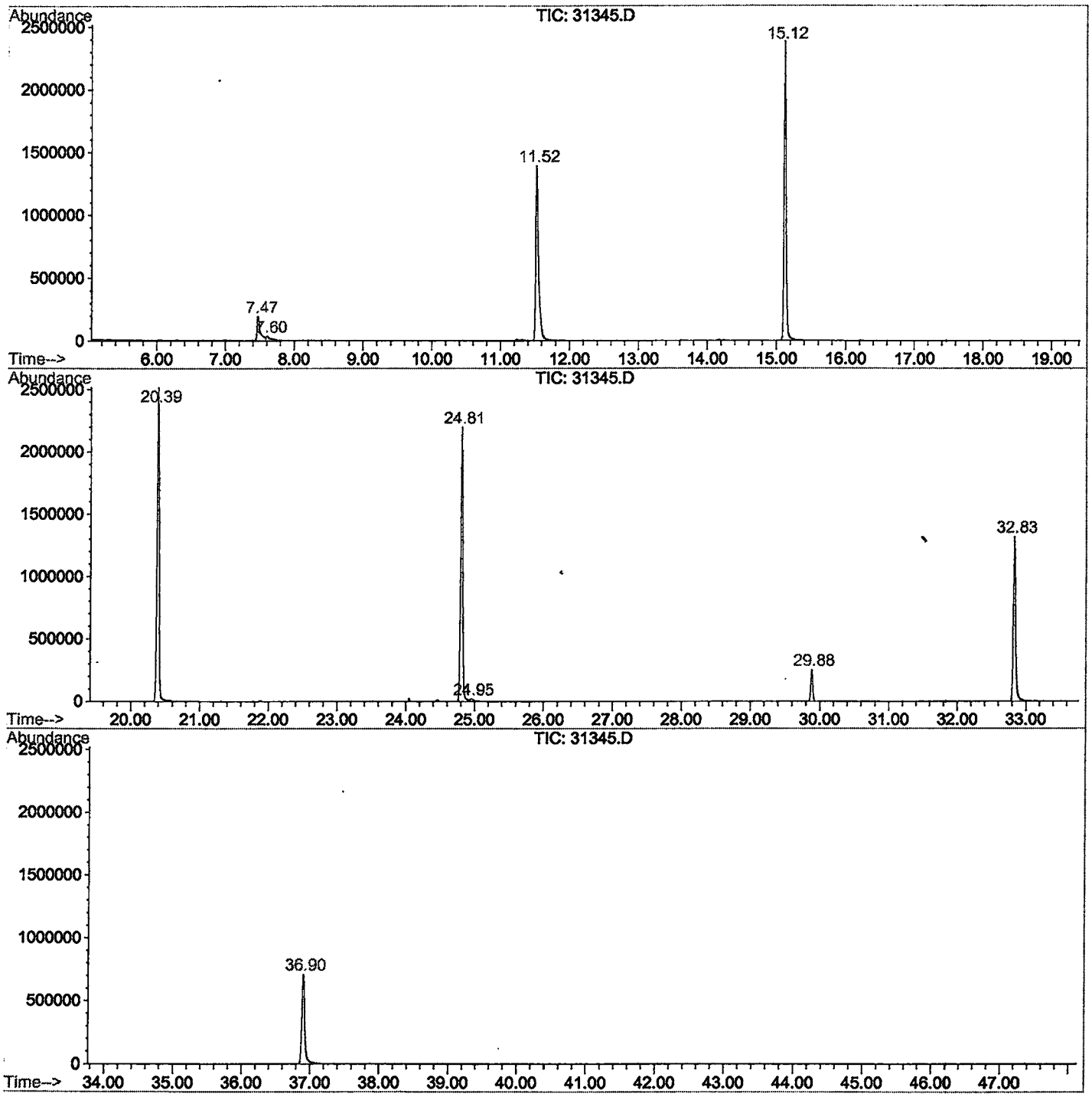
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.466	261	264	277	rBV	192154	591321	11.36%	2.352%
2	7.603	277	279	298	rVB	33269	132176	2.54%	0.526%
3	11.523	702	706	727	rBV	1389605	3876727	74.47%	15.420%
4	15.122	1093	1098	1117	rBV	2381270	4929001	94.68%	19.605%
5	20.391	1666	1672	1695	rBV	2515046	5205742	100.00%	20.706%
6	24.807	2147	2153	2165	rBV2	2194922	4791575	92.04%	19.059%
7	24.954	2165	2169	2179	rVB2	16663	56825	1.09%	0.226%
8	29.884	2701	2706	2715	rBV	253247	488381	9.38%	1.943%
9	32.831	3021	3027	3044	rBV2	1320100	3036640	58.33%	12.078%
10	36.898	3463	3470	3494	rBV	706978	2032765	39.05%	8.085%

Sum of corrected areas: 25141153

31345.D GCMS0103.M Tue Feb 05 16:57:15 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0902\31345.D
Operator : 209 GALOS
Acquired : 11 Jan 2002 1:19 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/24
Misc Info :
Vial Number: 11
Quant File :GCMS0103.RES (RTE Integrator)



31345.D GCMS0103.M Tue Feb 05 16:57:21 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31345.D
Acq On : 11 Jan 2002 1:19 am
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

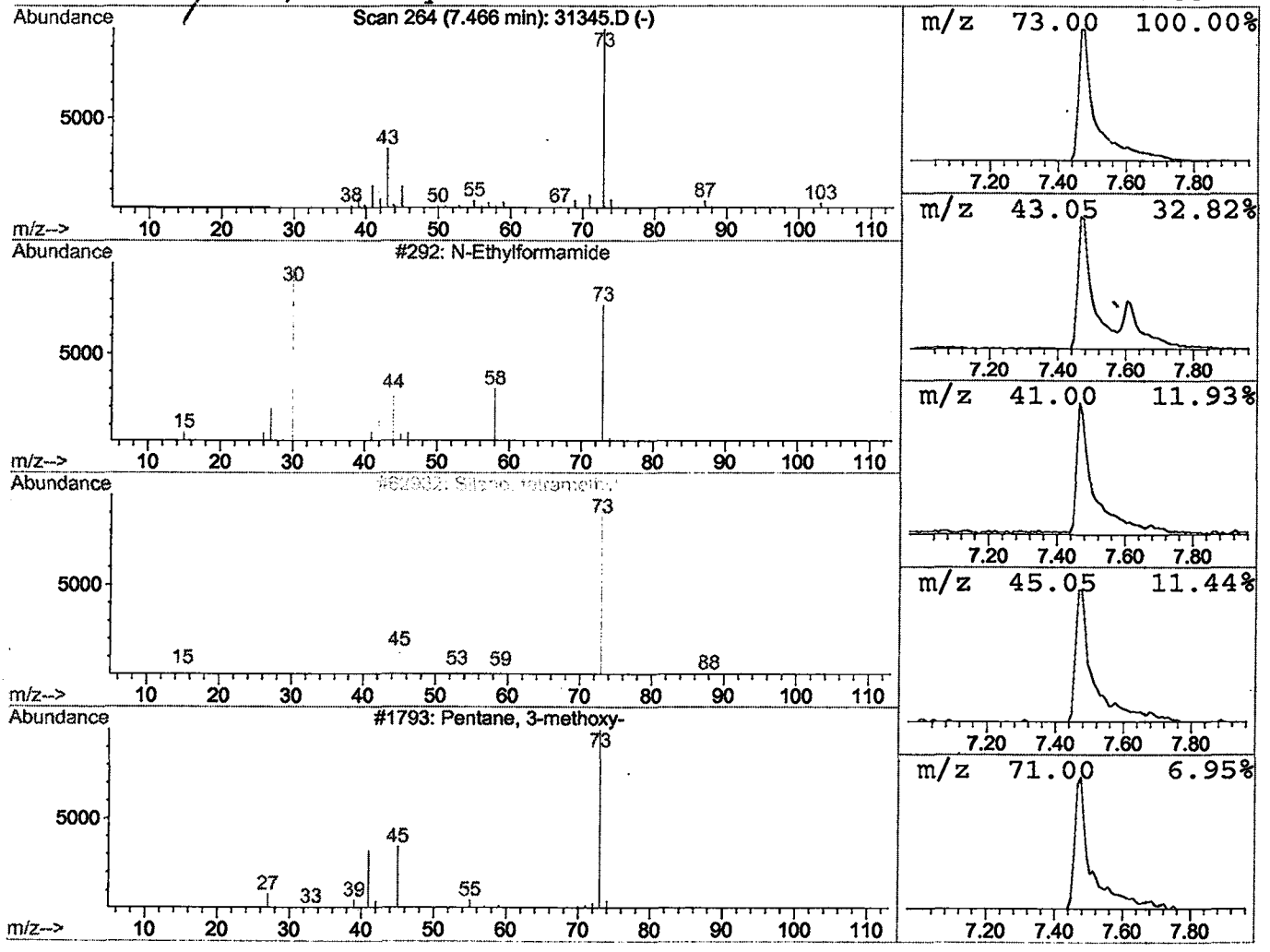
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.05 ug/l	591321	1,4-Dichlorobenzene-d4	11.52

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	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31345.D Vial: 11
Acq On : 11 Jan 2002 1:19 am Operator: 209 GALOS
Sample : gcms scan 12/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

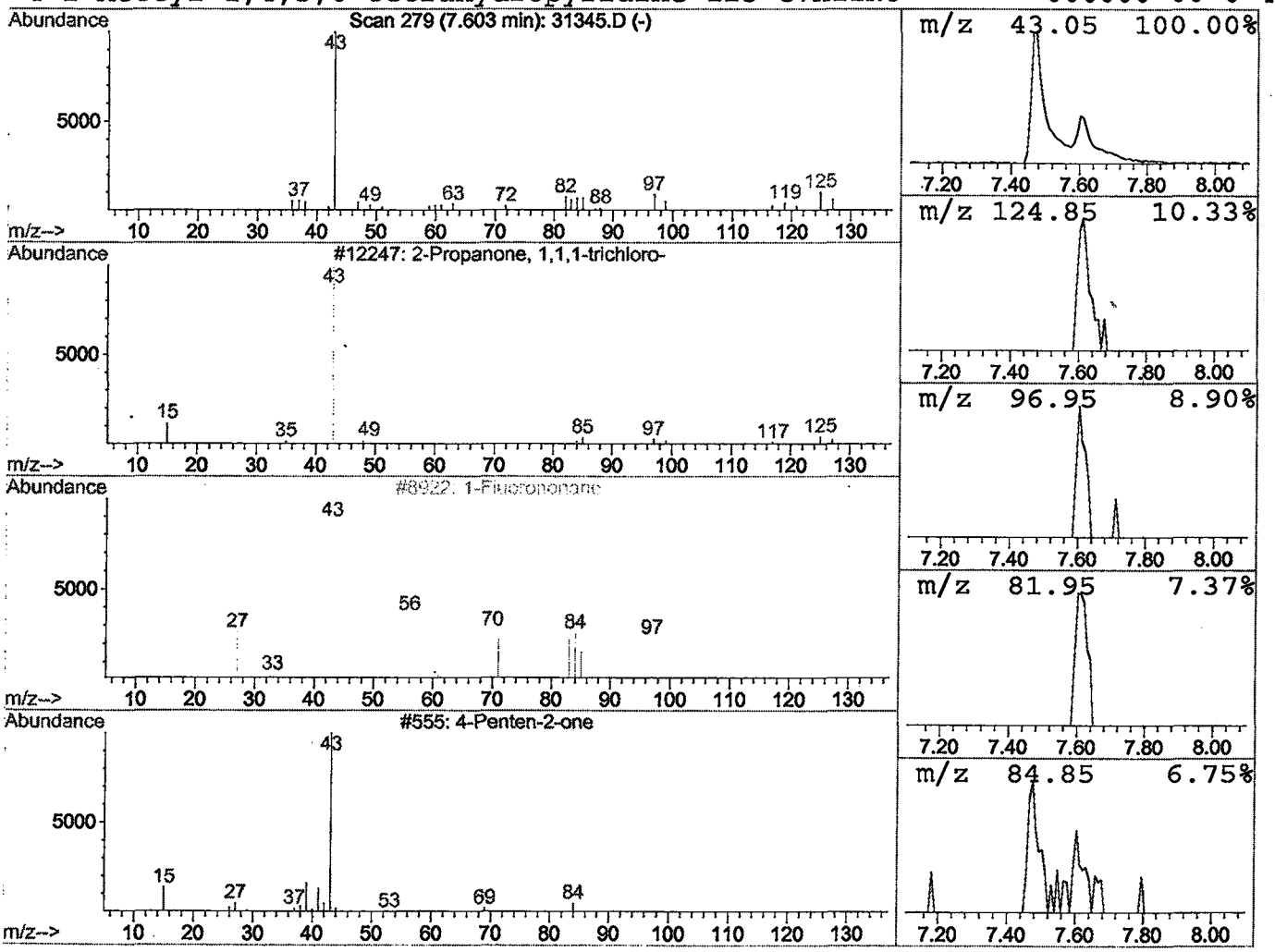
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	0.68 ug/l	132176	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	38
2	1-Fluorononane	146	C9H19F	000463-18-3	9
3	4-Penten-2-one	84	C5H8O	013891-87-7	4
4	2-Acetyl-1,4,5,6-tetrahydropyridine	125	C7H11NO	000000-00-0	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31345.D
Acq On : 11 Jan 2002 1:19 am
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

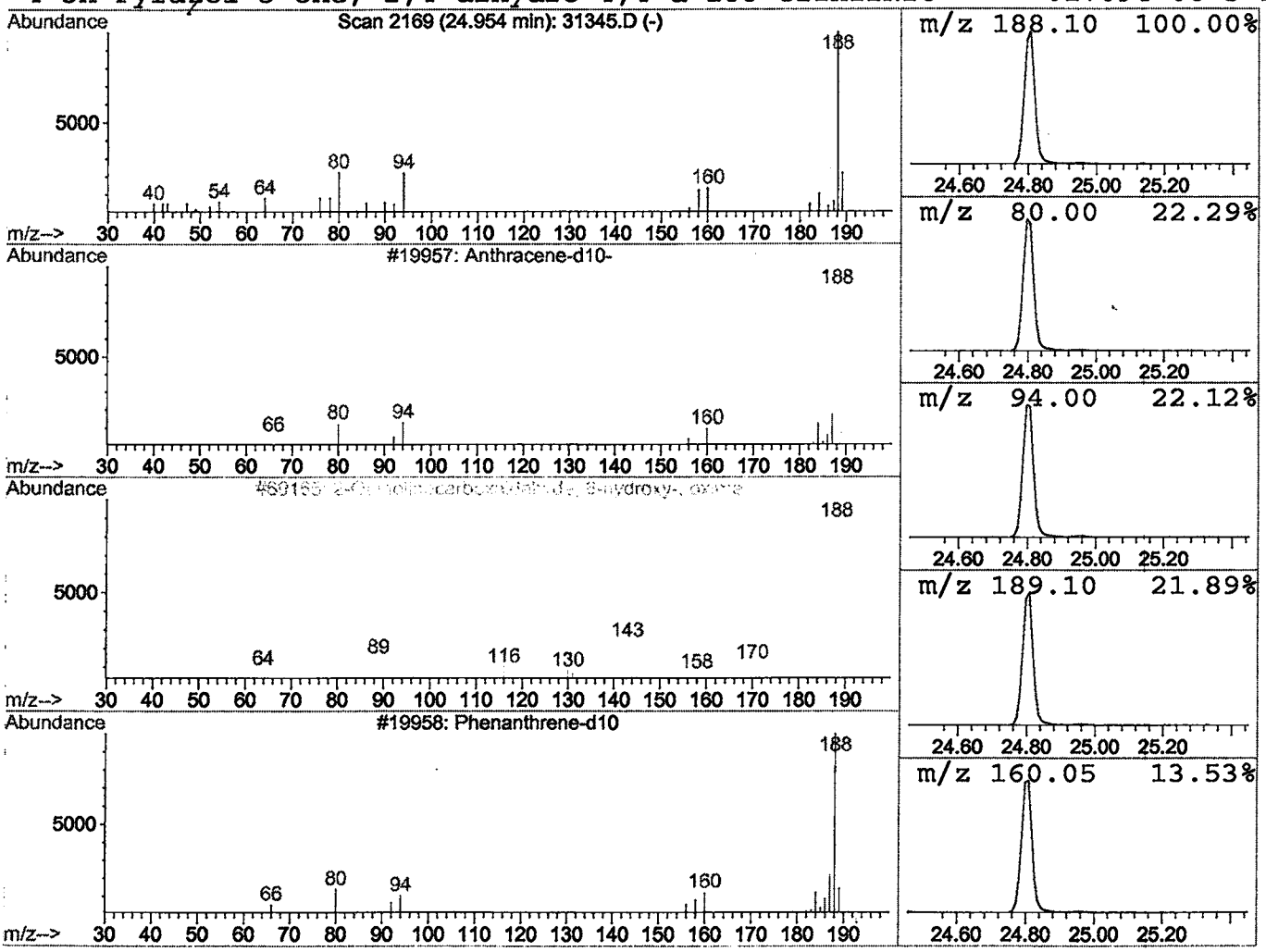
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	0.24 ug/l	56825	Phenanthrene-d10	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	38
2	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	37
3	Phenanthrene-d10	188	C14D10	001517-22-2	36
4	3H-Pyrazol-3-one, 2,4-dihydro-4,4-d	188	C11H12N2O	017694-06-3	25



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Jan 2002 1:19 am
Data File: C:\HPCHEM\1\DATA\JAN0902\31345.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	3.1	ug/l	591321	ISTD01	11.52	3876730	20.0
2-Propanone, 1,1,1-t	7.60	0.7	ug/l	132176	ISTD01	11.52	3876730	20.0
Anthracene-d10	24.95	0.2	ug/l	56825	ISTD04	24.81	4791580	20.0

31345.D GCMS0103.M Tue Feb 05 16:57:40 2002