User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/18/2002 Time: 17:16:51

Sample: AD30486
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/18/02 17:16 Ended: 1/18/02 17:16 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		5.0

Comments for Sample AD30486 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-18-2002 Time: 17:17:08

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\DEC3101\30486.D Vial: 21
Acq On : 1 Jan 2002 6:23 am Operator: 209 GALOS
Sample : gcms scan 12/14a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 1 7:12 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	868232	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	3369222	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1727786	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	2441859	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	1403631	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	791420	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	115091	4.29	ug/mL	0.00
Spiked Amount 5.000			Recovery = 85.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.21	74	308	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	15.33	128	2040	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	21.05	165	1240	N.D.		
25) Diethylphthalate	22.18	149	187	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\DEC3101\30486.D Vial: 21
Acq On : 1 Jan 2002 6:23 am Operator: 209 GALOS
Sample : gcms scan 12/14a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 1 7:12 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

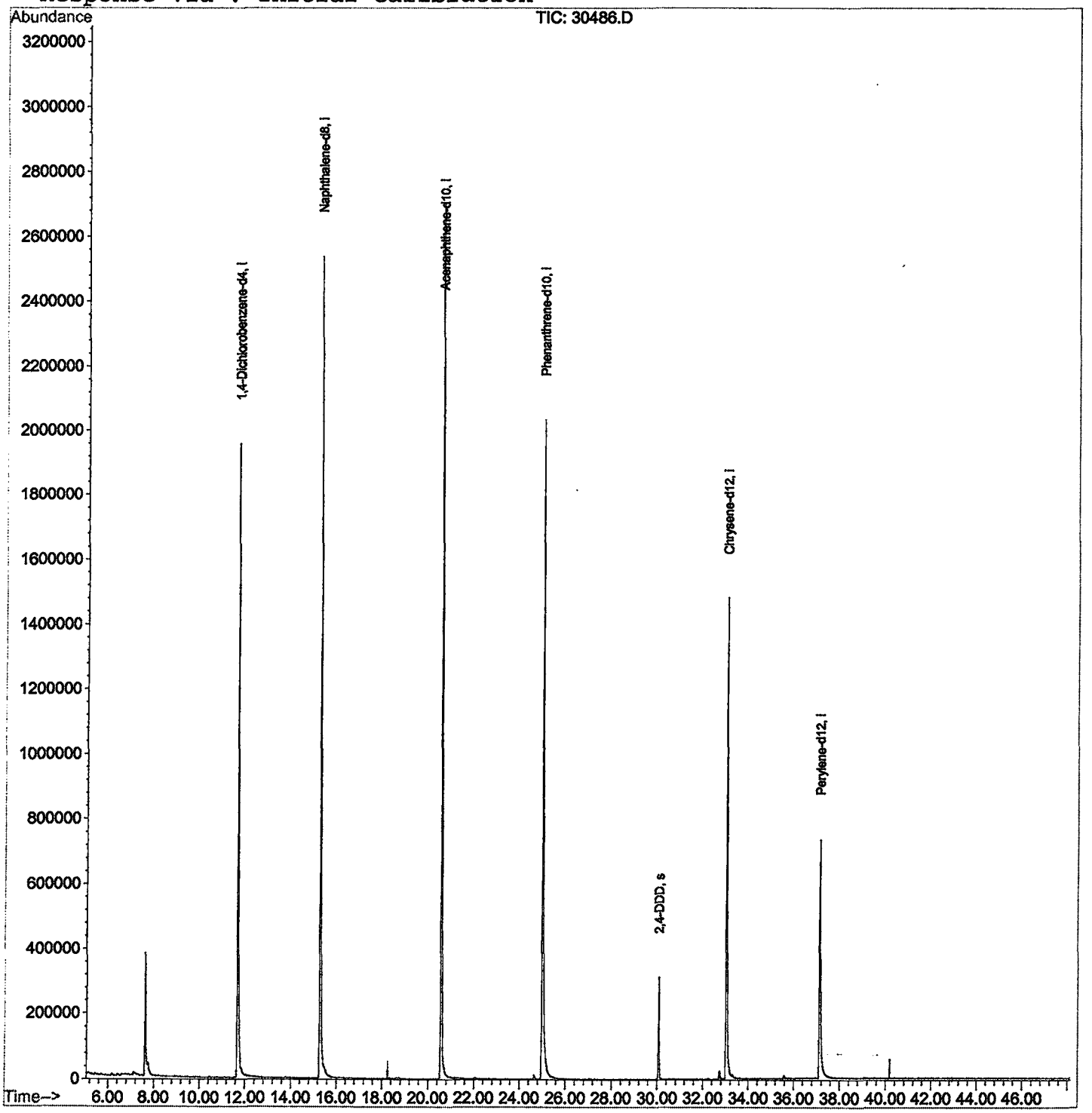
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.05	178	3010	N.D.	
34)	Anthracene	25.05	178	3010	N.D.	
35)	Di-n-butylphthalate	27.05	149	4960	N.D.	
36)	Fluoranthene	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	33.02	228	3352	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	5626	N.D.	
43)	Chrysene	33.02	228	3352	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	37.12	252	2917	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\DEC3101\30486.D Vial: 21
Acq On : 1 Jan 2002 6:23 am Operator: 209 GALOS
Sample : gcms scan 12/14a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 1 7:12 2002 Quant Results File: GCMS1126.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\DEC3101\30486.D Vial: 21
Acq On : 1 Jan 2002 6:23 am Operator: 209 GALOS
Sample : gcms scan 12/14a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

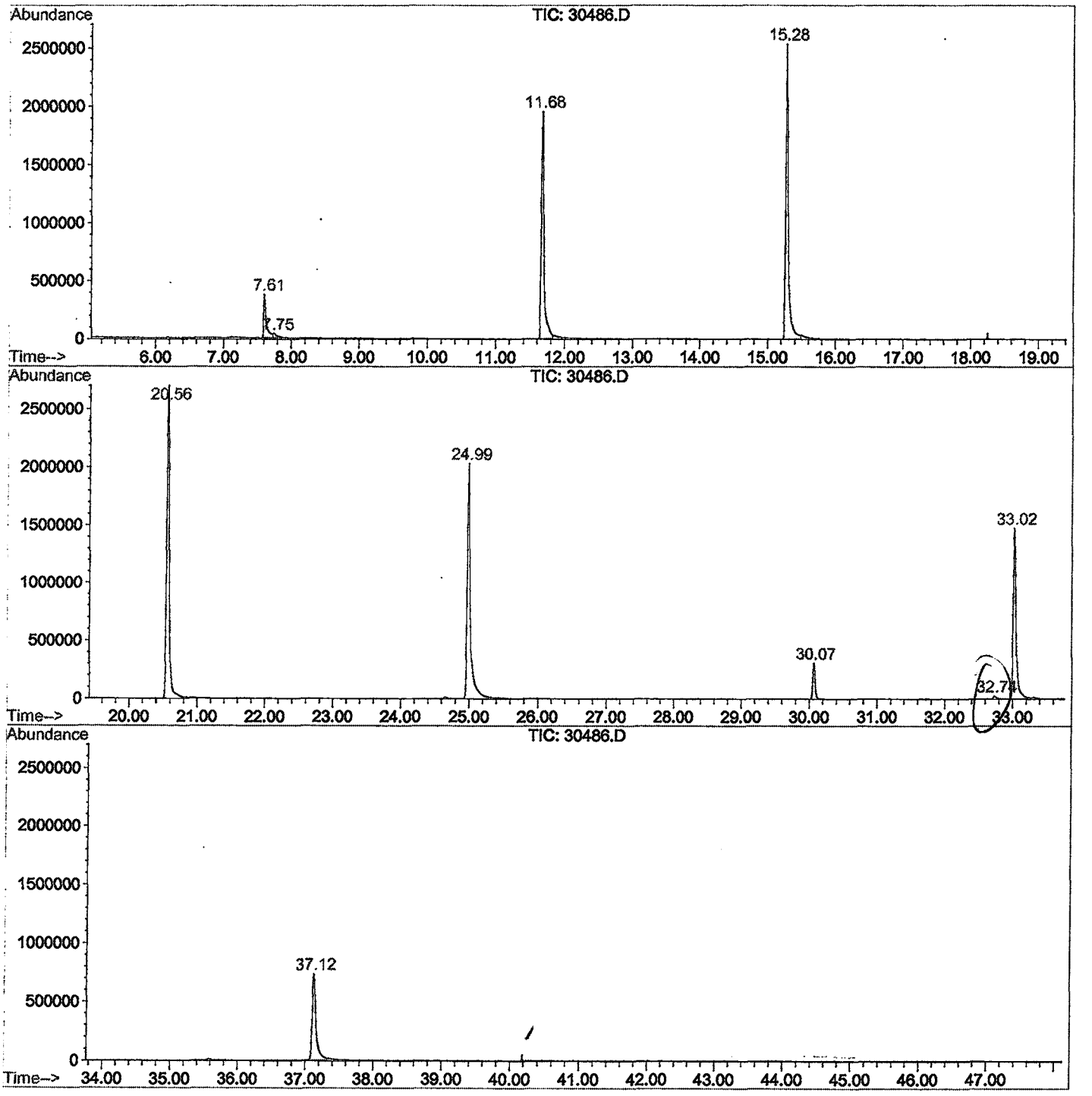
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.611	276	280	293	rBV	376320	1017282	14.12%	2.886%
2	7.749	293	295	313	rVB2	38921	153738	2.13%	0.436%
3	11.678	718	723	740	rBV	1953548	5305669	73.67%	15.053%
4	15.277	1110	1115	1138	rBV	2534341	6718047	93.28%	19.060%
5	20.564	1684	1691	1716	rBV	2703713	7202309	100.00%	20.434%
6	24.989	2166	2173	2217	rBV2	2032825	6785747	94.22%	19.252%
7	30.066	2720	2726	2735	rBV	310423	721439	10.02%	2.047%
8	32.738	3011	3017	3028	rBV2	24298	76664	1.06%	0.218%
9	33.022	3042	3048	3069	rBV2	1475767	4423161	61.41%	12.549%
10	37.117	3487	3494	3516	rBV	731870	2842643	39.47%	8.065%

Sum of corrected areas: 35246699

30486.D GCMS1126.M Tue Jan 15 14:50:58 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30486.D
Operator : 209 GALOS
Acquired : 1 Jan 2002 6:23 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/14a
Misc Info :
Vial Number: 21
Quant File :GCMS1126.RES (RTE Integrator)



30486.D GCMS1126.M Tue Jan 15 14:51:03 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30486.D
Acq On : 1 Jan 2002 6:23 am
Sample : gcms scan 12/14a
Misc :
MS Integration Params: LSCINT.P

Vial: 21
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

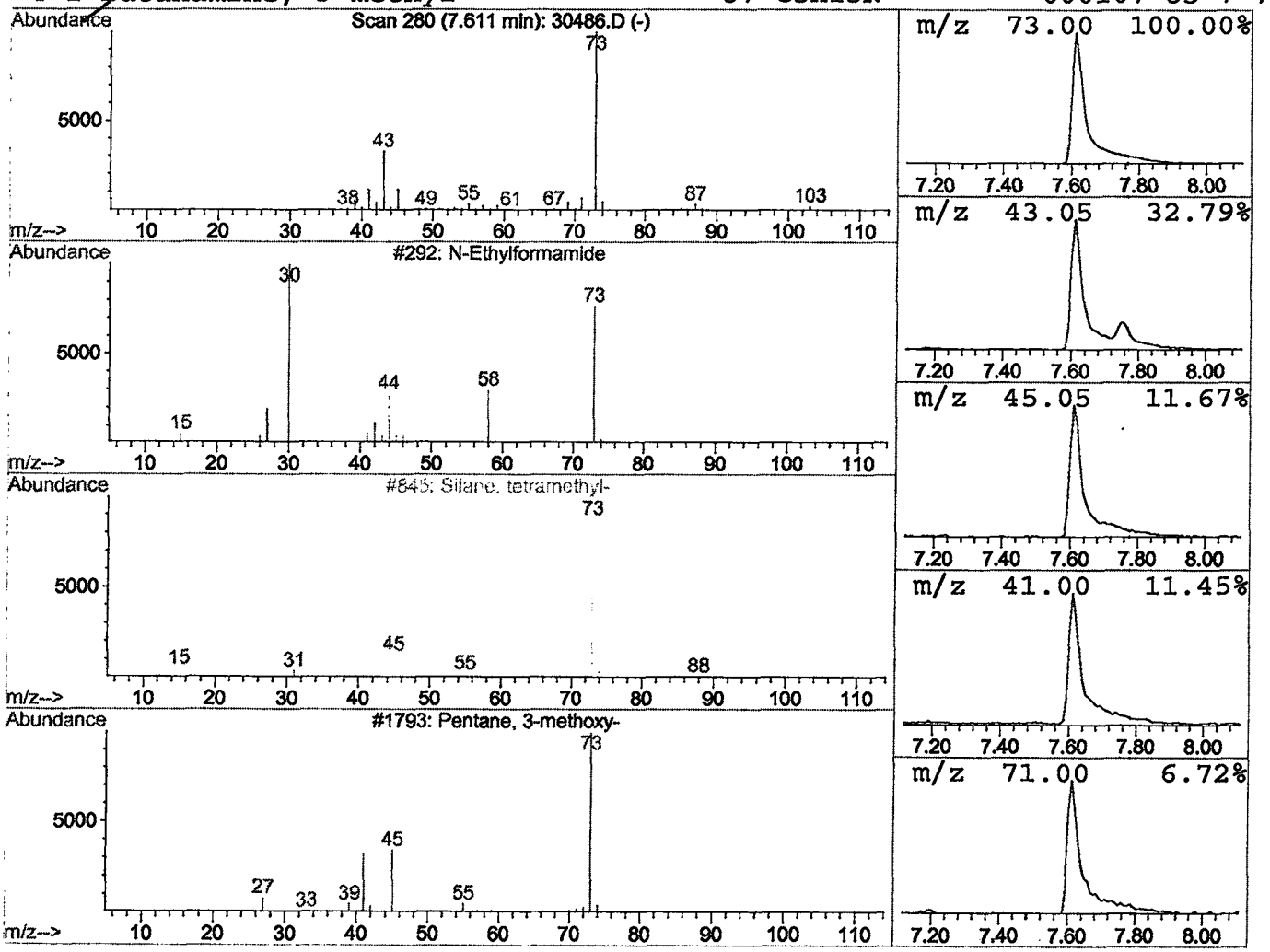
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.83 ug/l	1017280	1,4-Dichlorobenzene-d4	11.68

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\DEC3101\30486.D
Acq On : 1 Jan 2002 6:23 am
Sample : gcms scan 12/14a
Misc :
MS Integration Params: LSCINT.P

Vial: 21
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

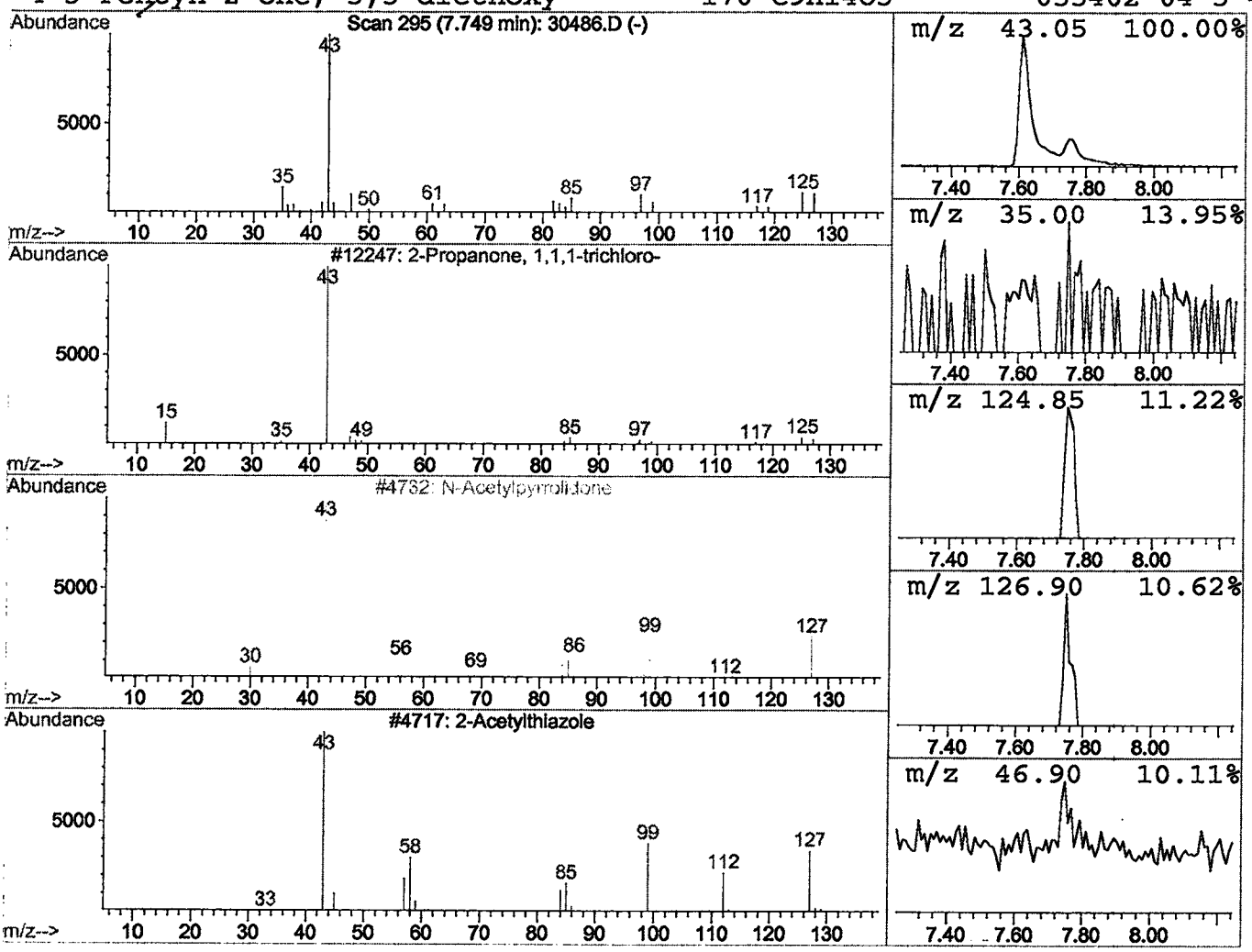
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	0.58 ug/l	153738	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	38
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	5
3	2-Acetylthiazole	127	C5H5NOS	024295-03-2	4
4	3-Pentyn-2-one, 5,5-diethoxy-	170	C9H14O3	055402-04-5	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30486.D
Acq On : 1 Jan 2002 6:23 am
Sample : gcms scan 12/14a
Misc :
MS Integration Params: LSCINT.P

Vial: 21
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

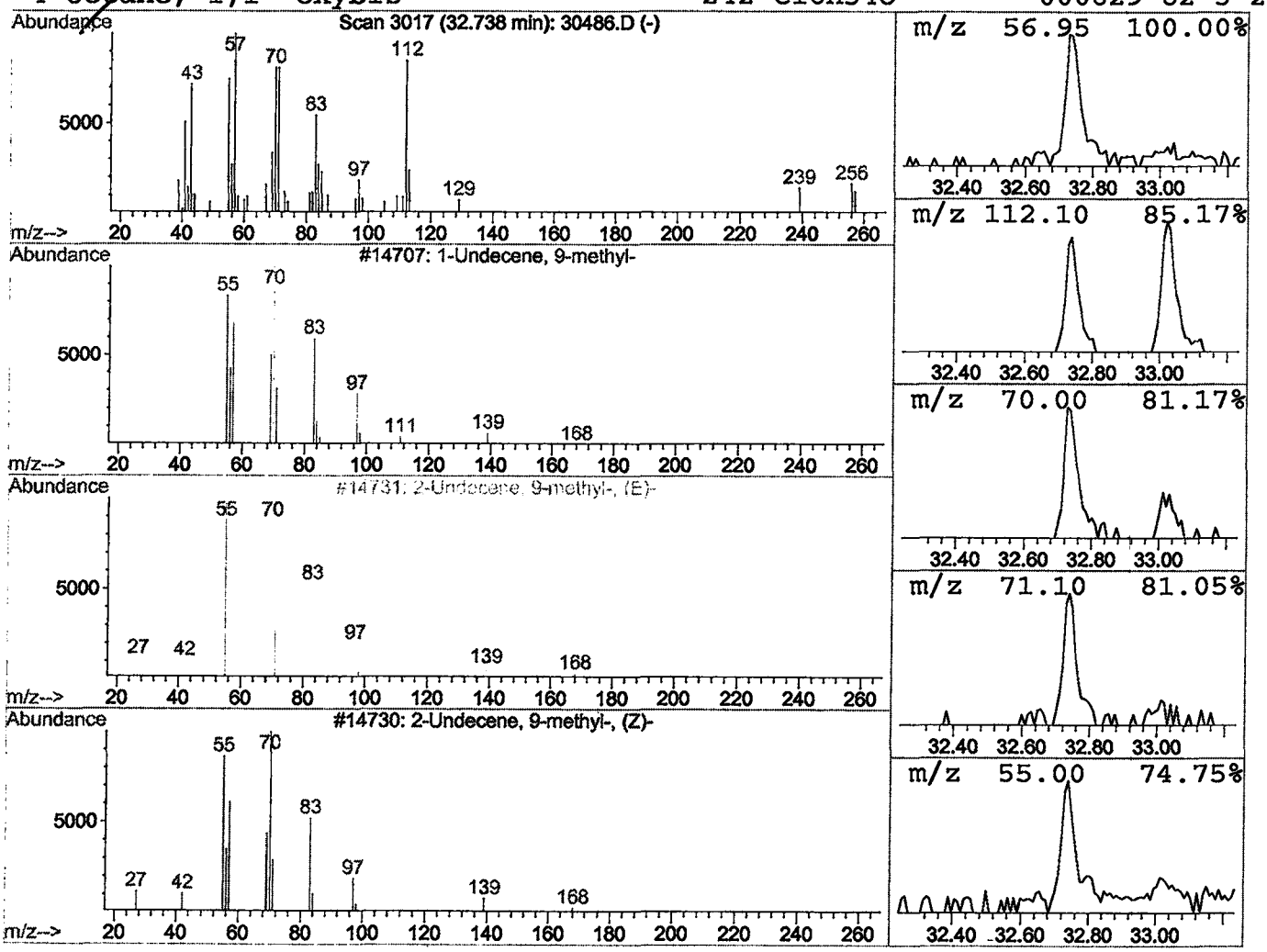
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1-Undecene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.74	0.35 ug/l	76664	Chrysene-d12	33.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 9-methyl-	168	C12H24	074630-41-4	27
2	2-Undecene, 9-methyl-, (E)-	168	C12H24	074630-46-9	27
3	2-Undecene, 9-methyl-, (Z)-	168	C12H24	074630-45-8	27
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	27



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Jan 2002 6:23 am
Data File: C:\HPCHEM\1\DATA\DEC3101\30486.D
Name: gcms scan 12/14a
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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	7.61	3.8	ug/l	1017280	ISTD01	11.68	5305670	20.0
2-Propanone, 1,1,1-t	7.75	0.6	ug/l	153738	ISTD01	11.68	5305670	20.0
1-Undecene, 9-methyl	32.74	0.3	ug/l	76664	ISTD05	33.02	4423160	20.0

30486.D GCMS1126.M Tue Jan 15 14:51:21 2002