User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/24/2002 Time: 15:40:53

Sample: AD30470
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/24/02 15:40 Ended: 1/24/02 15:40 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		108		5.0

Comments for Sample AD30470 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-24-2002 Time: 15:42:11

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 4 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30470.D Vial: 9
Acq On : 31 Dec 2001 6:46 pm Operator: 209 GALOS
Sample : gcms scan 12/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 31 19:35 2001 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	793532	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	3151669	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.57	164	1636656	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	2324031	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	1334627	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	721038	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	138445	5.42	ug/mL	0.00
Spiked Amount 5.000			Recovery = 108.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.22	74	378	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	15.34	128	484	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	21.25	165	186	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

Quantitation Report (QT Reviewed)

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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	24.99	178	681	N.D.	
34)	Anthracene	24.99	178	681	N.D.	
35)	Di-n-butylphthalate	27.05	149	3387	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	3357	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	1683	N.D.	
43)	Chrysene	33.02	228	3357	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	37.11	252	2969	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

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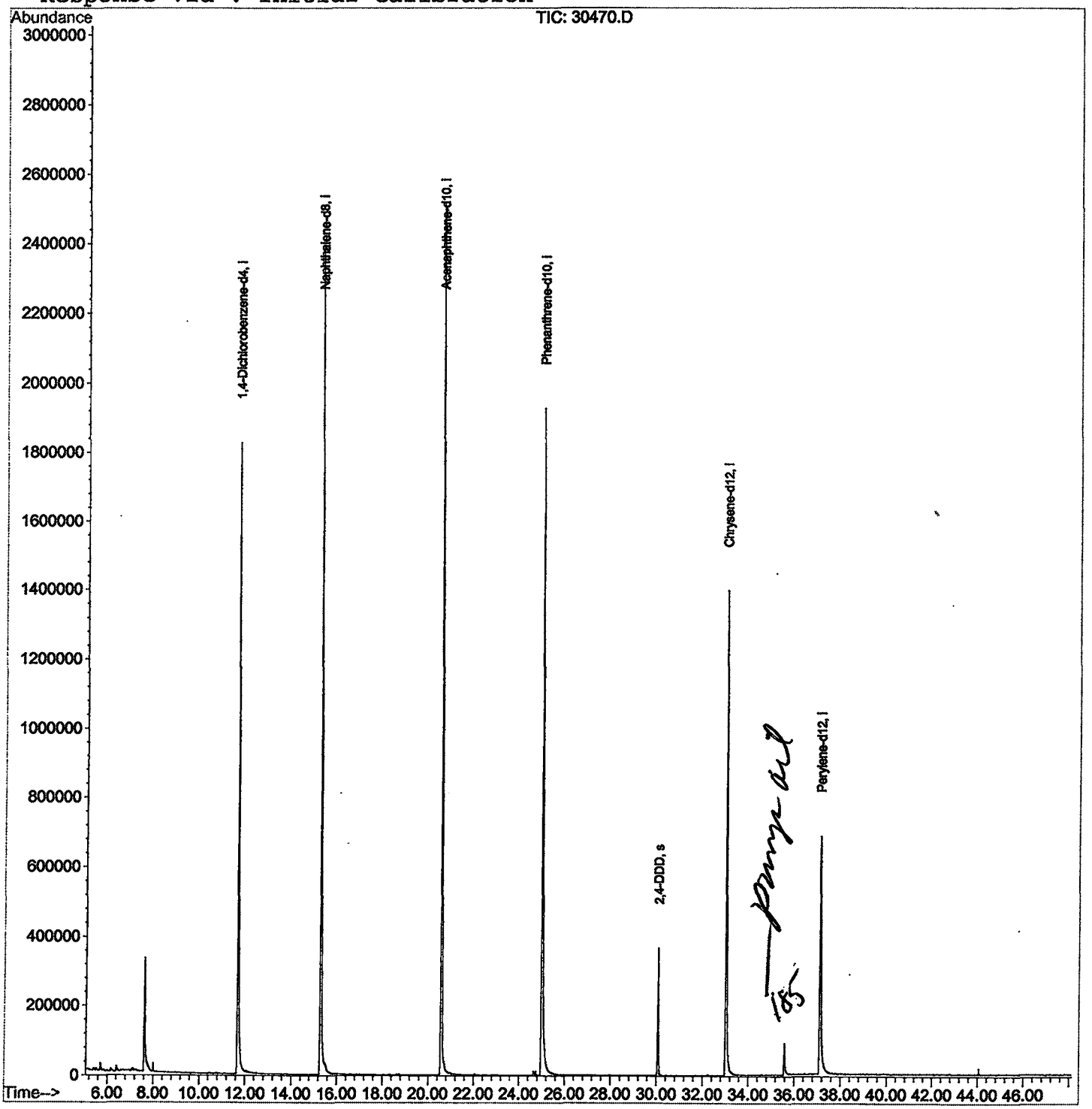
Acq On : 31 Dec 2001 6:46 pm Operator: 209 GALOS
Sample : gcms scan 12/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 31 19:35 2001 Quant Results File: GCMS1126.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30470.D Vial: 9
Acq On : 31 Dec 2001 6:46 pm Operator: 209 GALOS
Sample : gcms scan 12/14 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

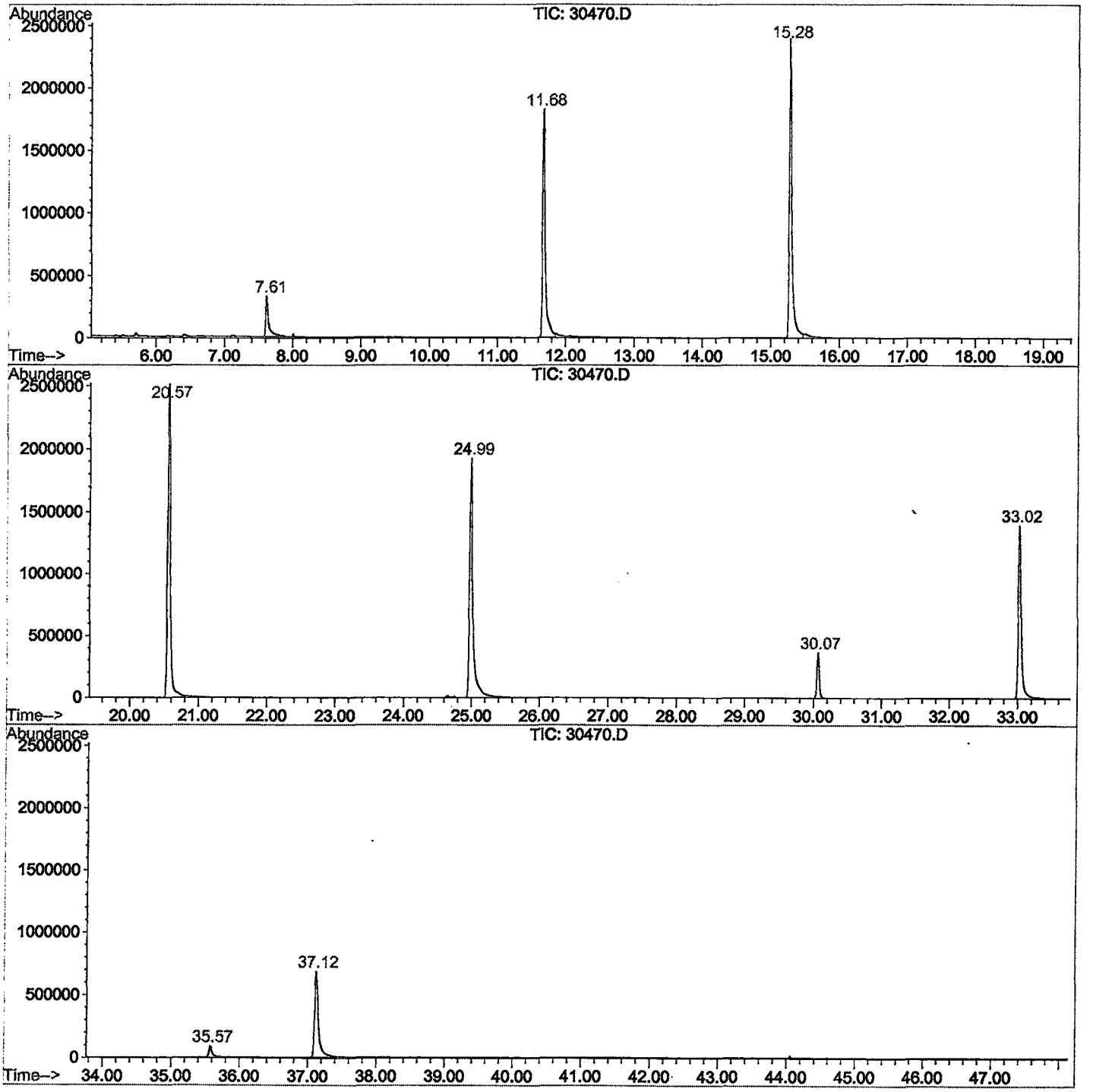
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.612	276	280	314	rBV	327054	1012149	14.85%	3.019%
2	11.679	718	723	742	rBV	1821737	4871906	71.46%	14.534%
3	15.277	1110	1115	1136	rBV	2392799	6251363	91.69%	18.649%
4	20.565	1684	1691	1716	rBV	2518176	6817568	100.00%	20.338%
5	24.990	2166	2173	2219	rBV2	1925751	6459348	94.75%	19.270%
6	30.067	2720	2726	2736	rBV	366717	856598	12.56%	2.555%
7	33.023	3042	3048	3076	rBV2	1395426	4274974	62.71%	12.753%
8	35.575	3318	3326	3339	rBV	91780	301802	4.43%	0.900%
9	37.117	3487	3494	3528	rBV2	682583	2674838	39.23%	7.980%

Sum of corrected areas: 33520546

30470.D GCMS1126.M Wed Jan 16 08:22:08 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30470.D
Operator : 209 GALOS
Acquired : 31 Dec 2001 6:46 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/14
Misc Info :
Vial Number: 9
Quant File :GCMS1126.RES (RTE Integrator)



30470.D GCMS1126.M Wed Jan 16 08:22:14 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30470.D
Acq On : 31 Dec 2001 6:46 pm
Sample : gcms scan 12/14
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

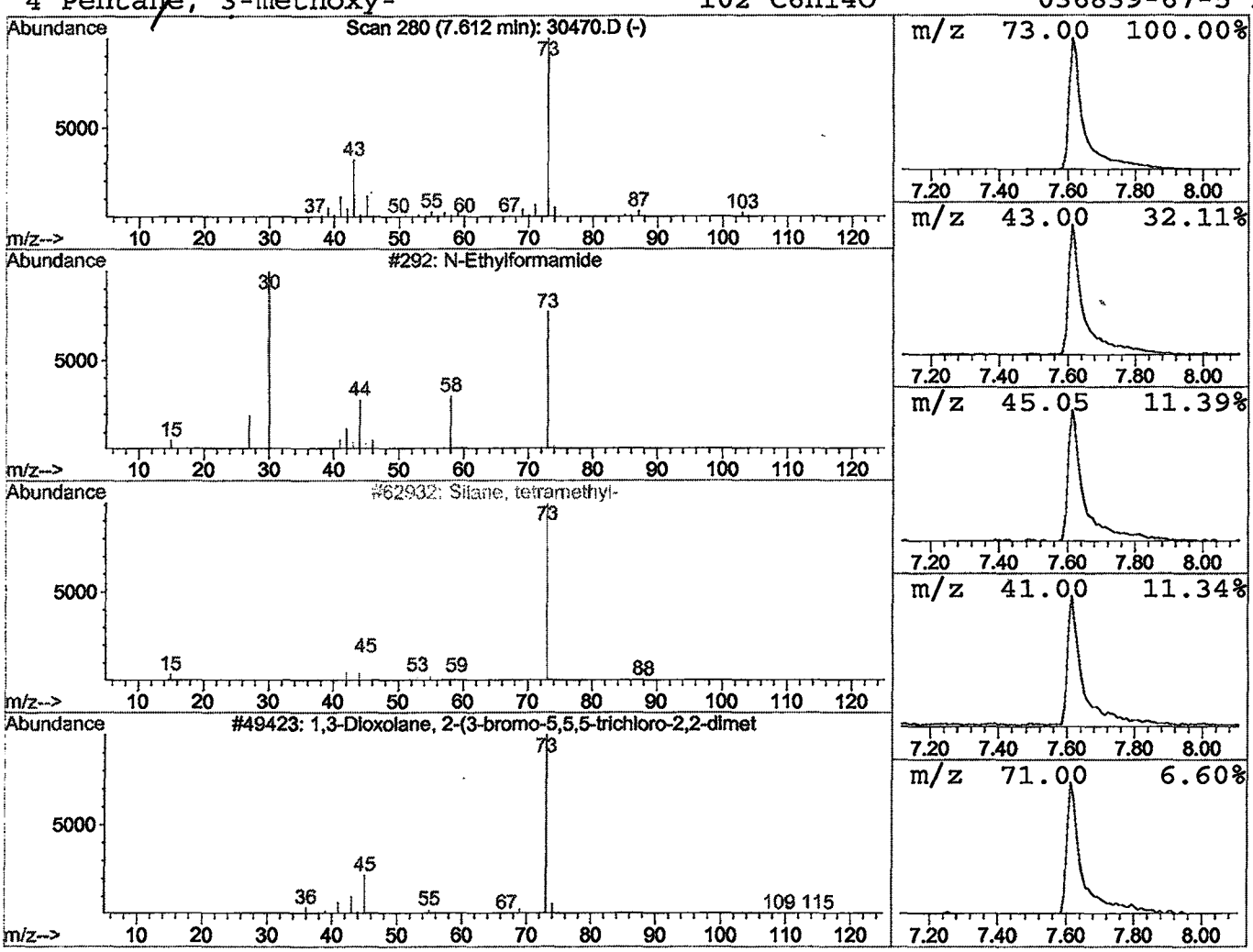
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	4.16 ug/l	1012150	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	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30470.D
Acq On : 31 Dec 2001 6:46 pm
Sample : gcms scan 12/14
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

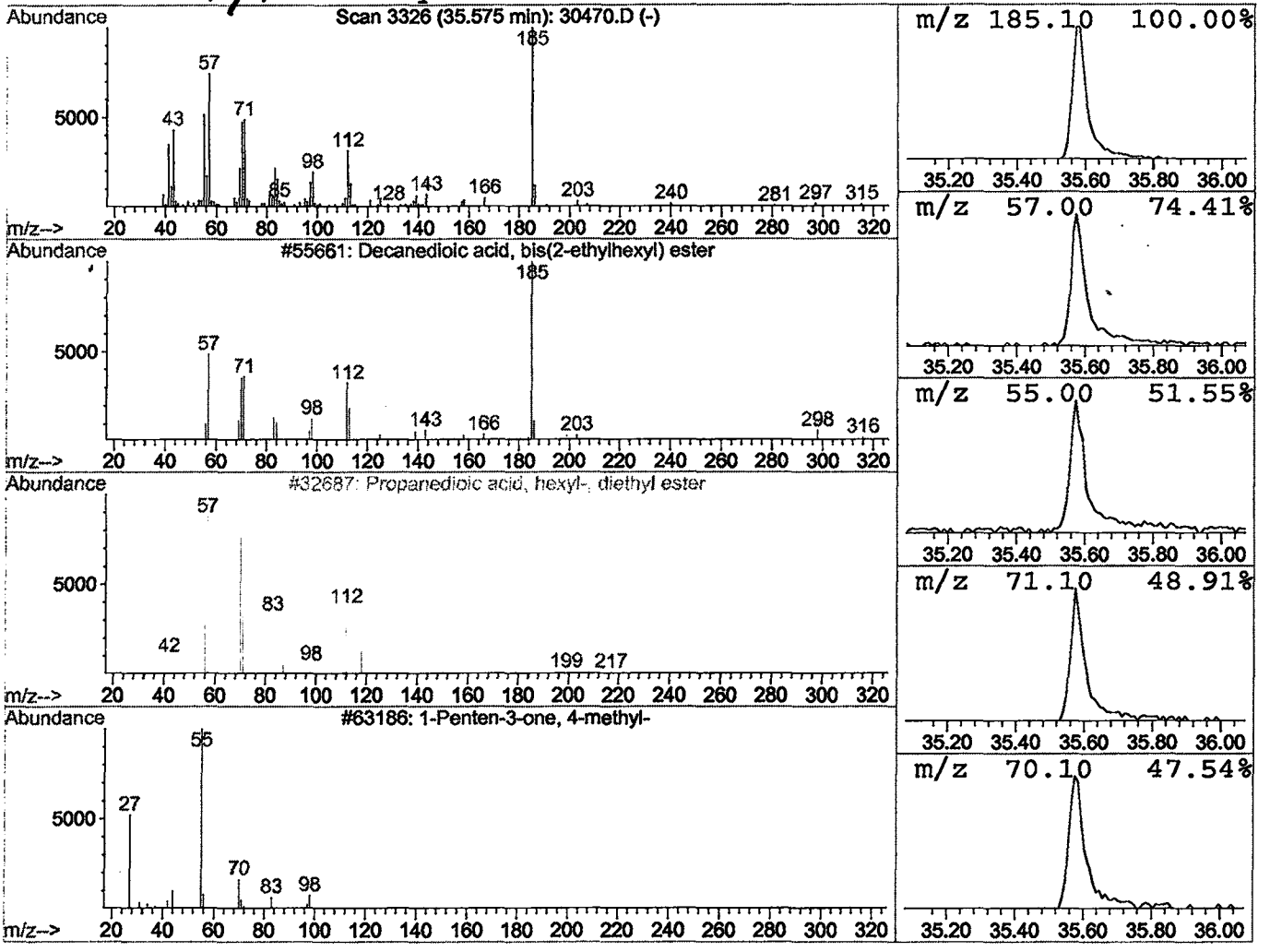
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Decanedioic acid, bis(2-ethylh Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.57	2.26 ug/l	301802	Perylene-d12	37.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	64
2	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	38
3	1-Penten-3-one, 4-methyl-	98	C6H10O	001606-47-9	22
4	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	16



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 31 Dec 2001 6:46 pm
Data File: C:\HPCHEM\1\DATA\DEC3101\30470.D
Name: gcms scan 12/14
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	4.2	ug/l	1012150	ISTD01	11.68	4871910	20.0
Decanedioic acid, bi	35.57	2.3	ug/l	301802	ISTD06	37.12	2674840	20.0

30470.D GCMS1126.M Wed Jan 16 08:22:29 2002