User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 14:04:06

Sample: AD29964
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 14:03 Ended: 1/28/02 14:03 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		92		5.0

Comments for Sample AD29964 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 14:04:10

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\DEC1801\29964.D Vial: 18
Acq On : 19 Dec 2001 9:41 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 15 11:09 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 : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	839546	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3172428	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1565491	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2304253	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1444191	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	938288	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	116327	4.59	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 91.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.39	74	198	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	13.12	77	102	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	1439	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	21.16	165	121	N.D.		
25) Diethylphthalate	22.11	149	828	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

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Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

	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	25.03	178	350	N.D.	
34)	Anthracene	25.03	178	350	N.D.	
35)	Di-n-butylphthalate	27.00	149	5376	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	3520	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	1995	N.D.	
43)	Chrysene	33.02	228	3520	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	3547	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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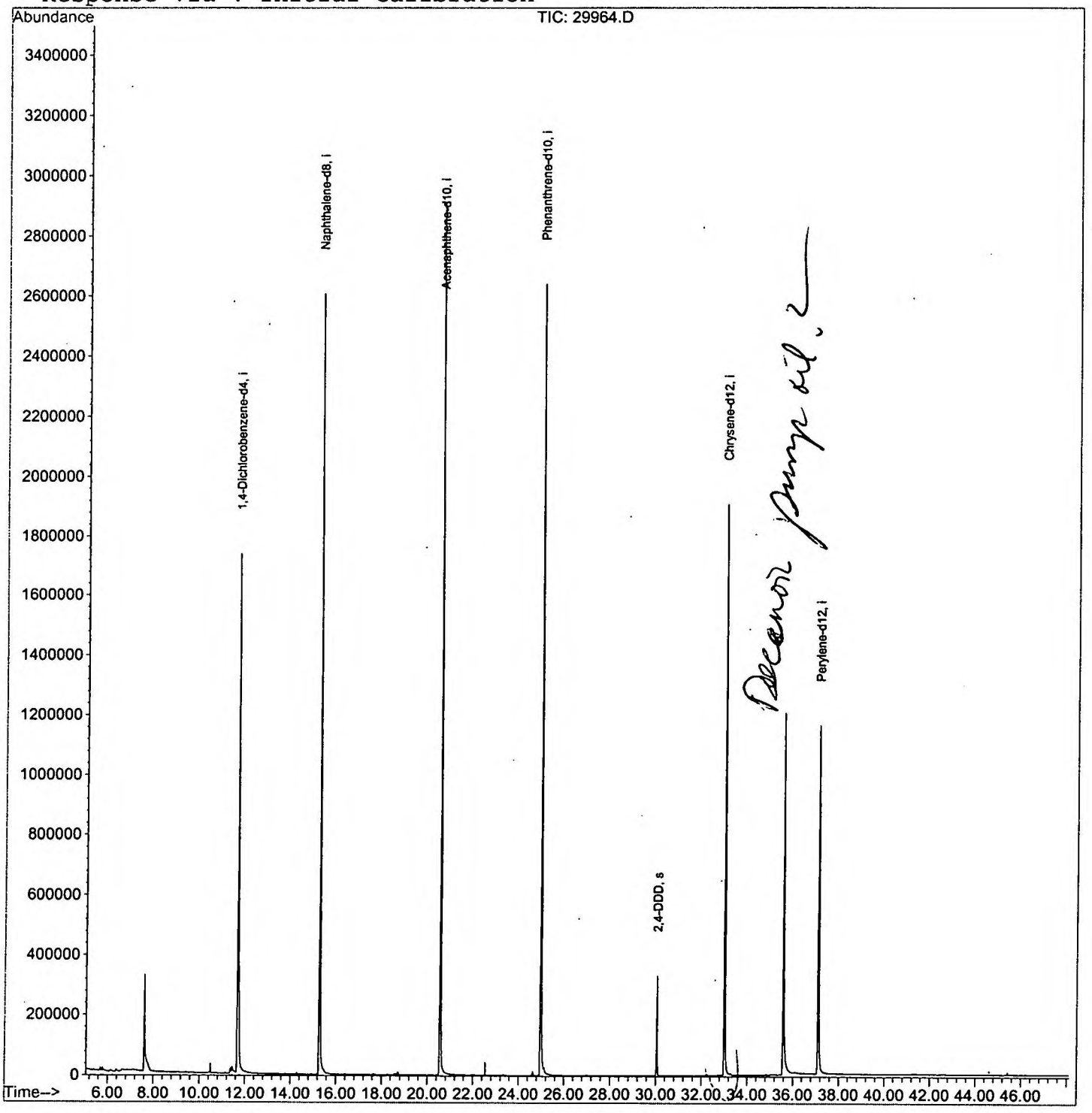
Acq On : 19 Dec 2001 9:41 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 15 11:09 2002 Quant Results File: GCMS1126.RES

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\DEC1801\29964.D Vial: 18
Acq On : 19 Dec 2001 9:41 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 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

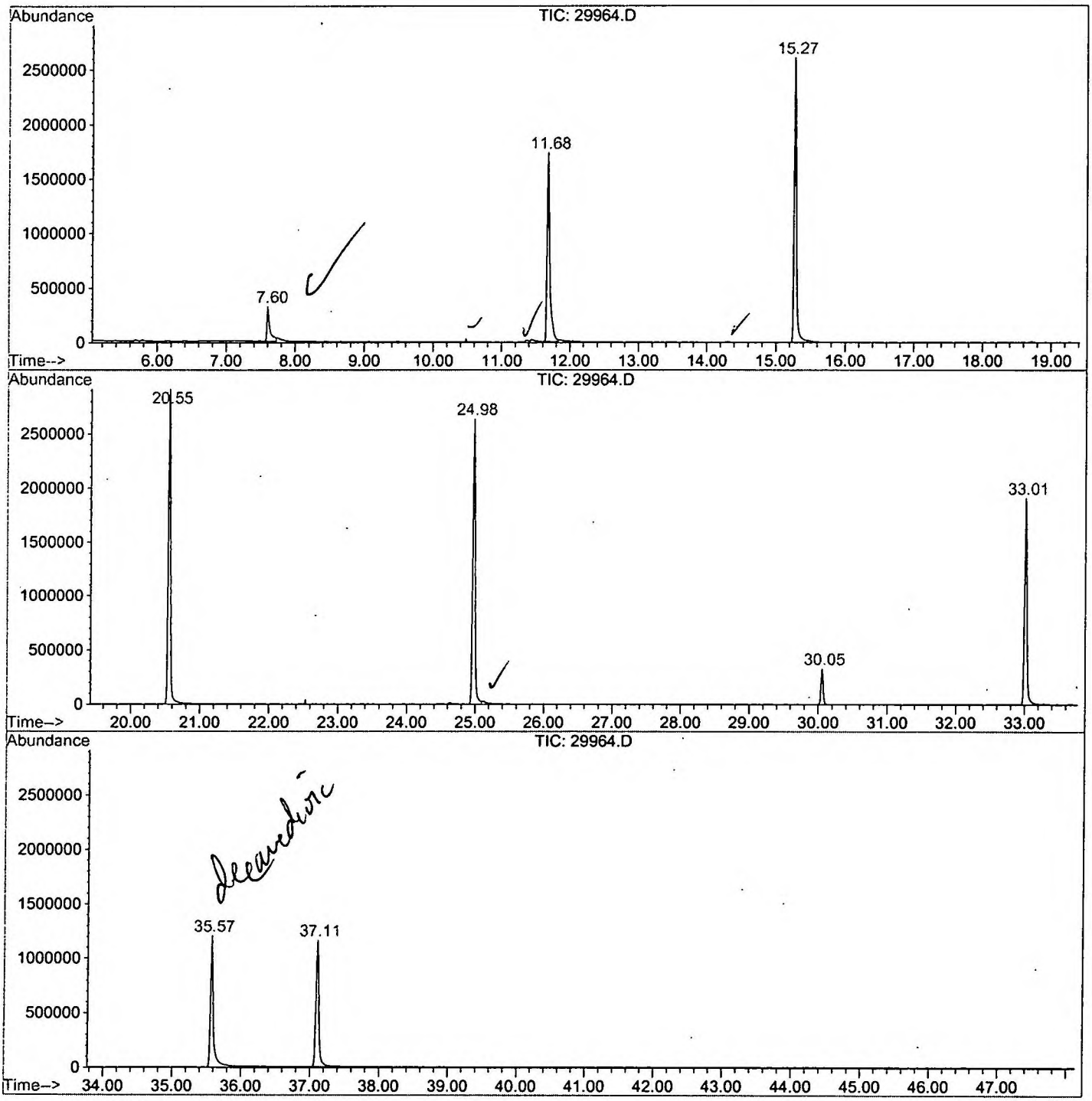
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.600	274	278	292	rBV	320785	935418	14.24%	2.547%
2	11.676	717	722	739	rBV	1731389	4890956	74.46%	13.320%
3	15.274	1109	1114	1134	rBV	2604752	6172131	93.96%	16.809%
4	20.553	1683	1689	1709	rBV	2912069	6568636	100.00%	17.889%
5	24.978	2164	2171	2184	rBV2	2639254	6105237	92.95%	16.627%
6	30.055	2719	2724	2730	rBV	329407	669789	10.20%	1.824%
7	33.011	3040	3046	3066	rBV2	1904937	4570552	69.58%	12.447%
8	35.572	3318	3325	3357	rBV	1202801	3366885	51.26%	9.169%
9	37.105	3485	3492	3516	rBV2	1157739	3439490	52.36%	9.367%

Sum of corrected areas: 36719094

29964.D GCMS1126.M Tue Jan 15 15:29:28 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1801\29964.D
Operator : 209 GALOS
Acquired : 19 Dec 2001 9:41 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/11
Misc Info :
Vial Number: 18
Quant File :GCMS1126.RES (RTE Integrator)



29964.D GCMS1126.M Tue Jan 15 15:29:33 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\29964.D
Acq On : 19 Dec 2001 9:41 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

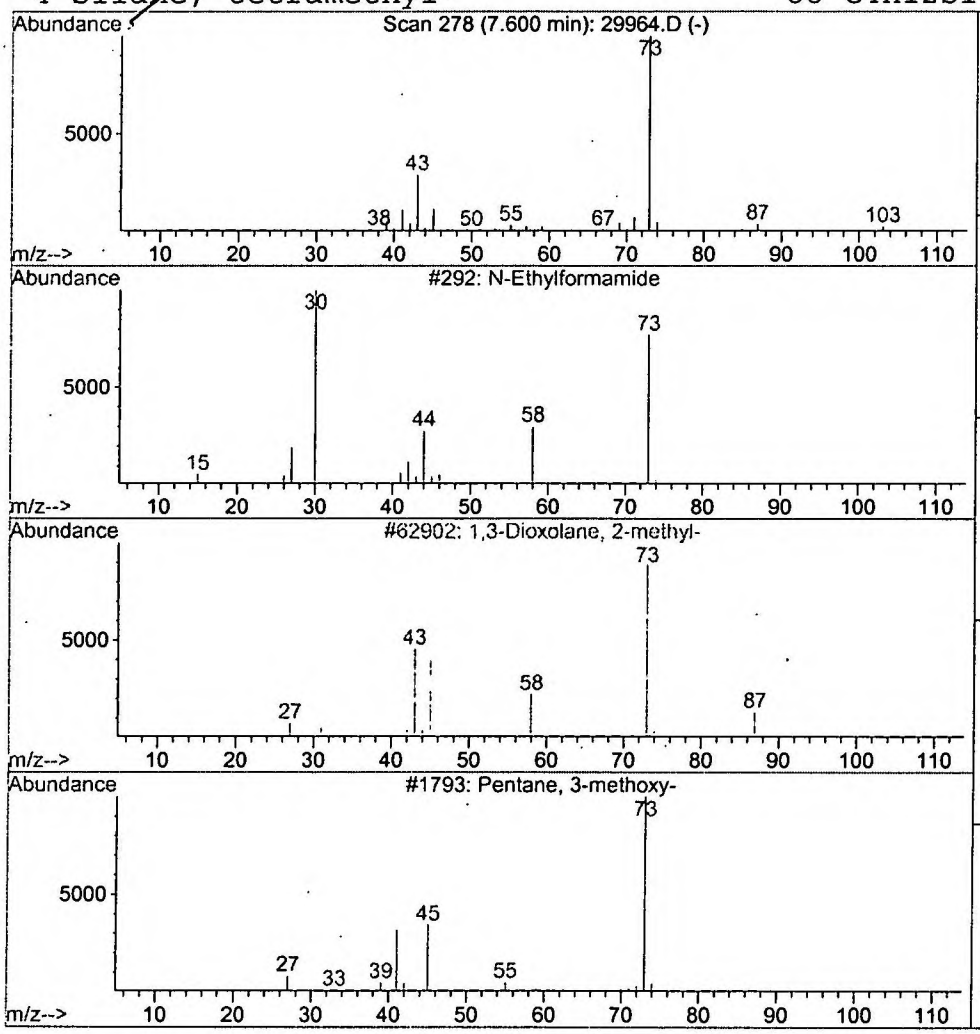
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

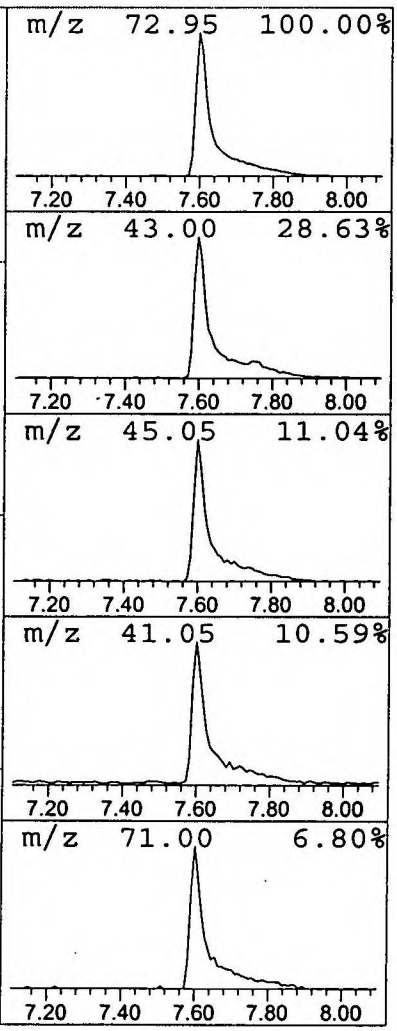
****

Peak Number 1 N-Ethylformamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.83 ug/l	935418	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\29964.D
Acq On : 19 Dec 2001 9:41 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

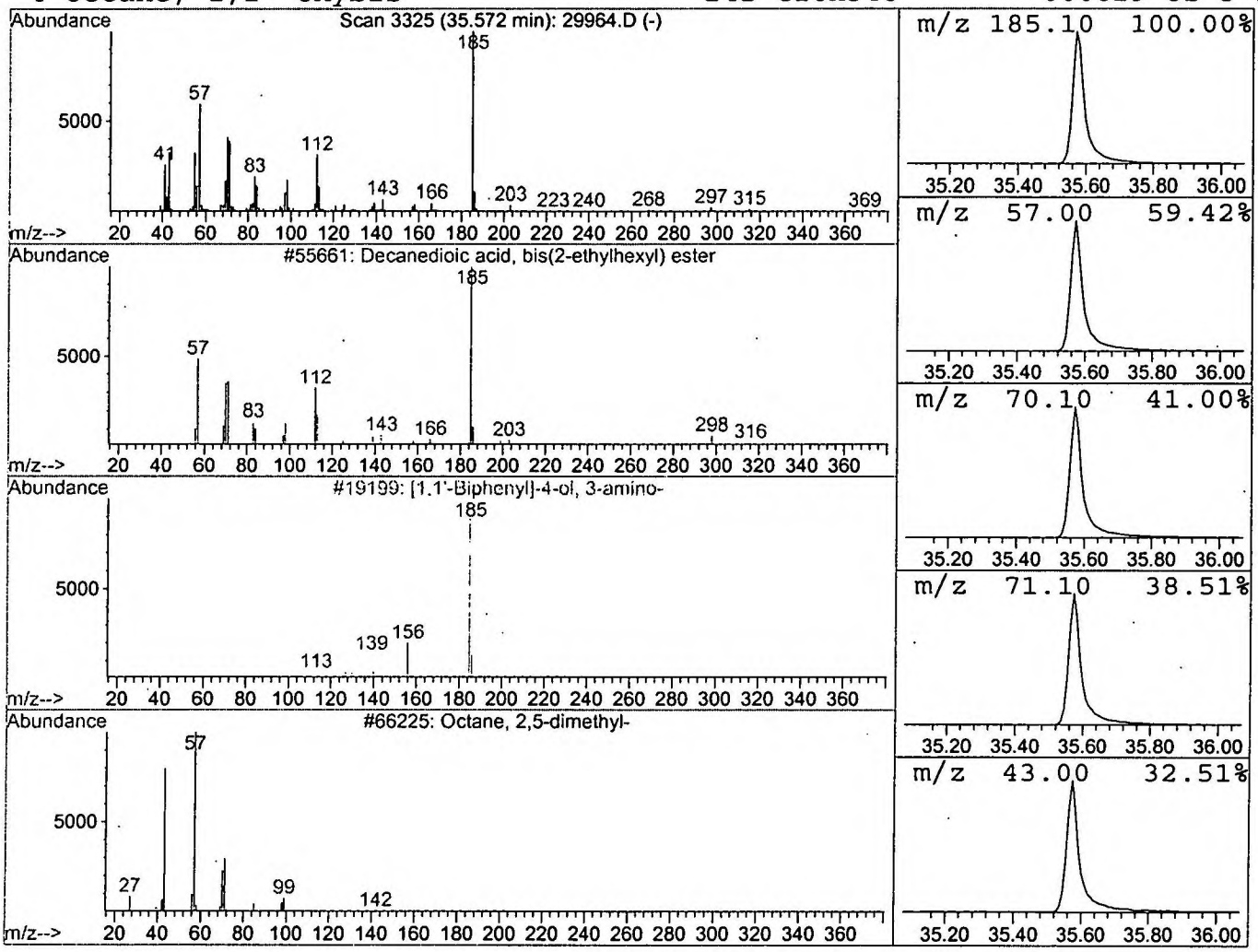
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Decanedioic acid, bis(2-ethylh Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.57	19.58 ug/l	3366890	Perylene-d12	37.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	90
2	[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	27
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	22
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	14



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Dec 2001 9:41 am
Data File: C:\HPCHEM\1\DATA\DEC1801\29964.D
Name: gc/ms scan 12/11
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	7.60	3.8	ug/l	935418	ISTD01	11.68	4890960	20.0
Decanedioic acid, bi	35.57	19.6	ug/l	3366890	ISTD06	37.11	3439490	20.0

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