User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 12:24:53

Sample: AD29788
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 12:24 Ended: 1/9/02 12:24 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		5.0

Comments for Sample AD29788 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 12:25:30

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\DEC1401\29788.D Vial: 18
Acq On : 15 Dec 2001 7:07 pm Operator: 209 GALOS
Sample : gcms scan 12/10 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 15 19:55 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 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	803120	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3075582	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1515133	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2262158	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1557544	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1134300	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	119578	3.65	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 73.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.22	74	108	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	1109	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	21.07	165	292	N.D.		
25) Diethylphthalate	22.13	149	484	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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Acq On : 15 Dec 2001 7:07 pm Operator: 209 GALOS
Sample : gcms scan 12/10 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
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Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

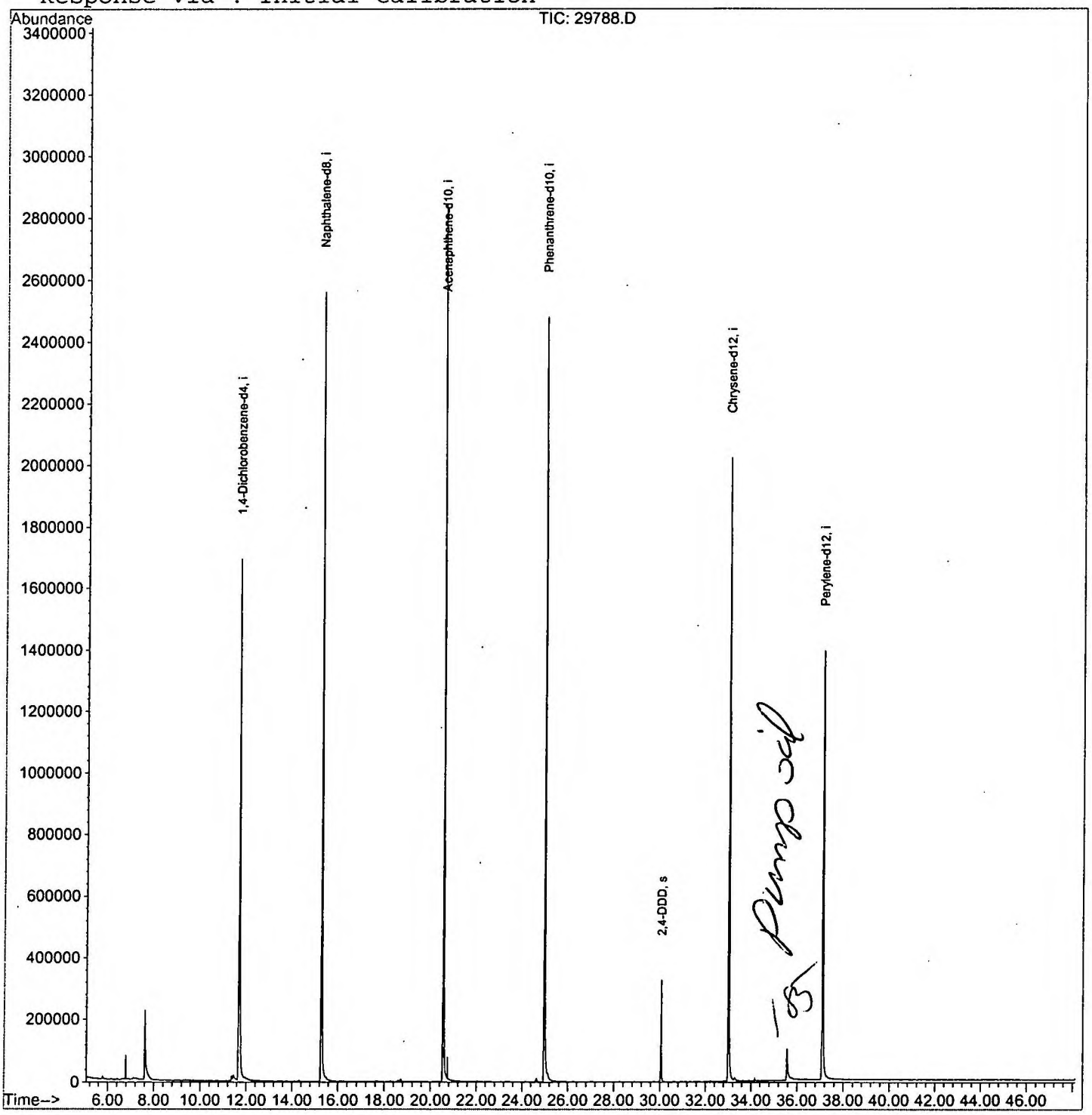
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	241	N.D.	
34)	Anthracene	25.04	178	241	N.D.	
35)	Di-n-butylphthalate	27.01	149	5625	N.D.	
36)	Fluoranthene	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	33.01	228	3435	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	7032	N.D.	
43)	Chrysene	33.01	228	3435	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	37.10	252	4343	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\DEC1401\29788.D Vial: 18
Acq On : 15 Dec 2001 7:07 pm Operator: 209 GALOS
Sample : gcms scan 12/10 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 15 19:55 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 14 12:19:30 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29788.D Vial: 18
Acq On : 15 Dec 2001 7:07 pm Operator: 209 GALOS
Sample : gcms scan 12/10 a 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

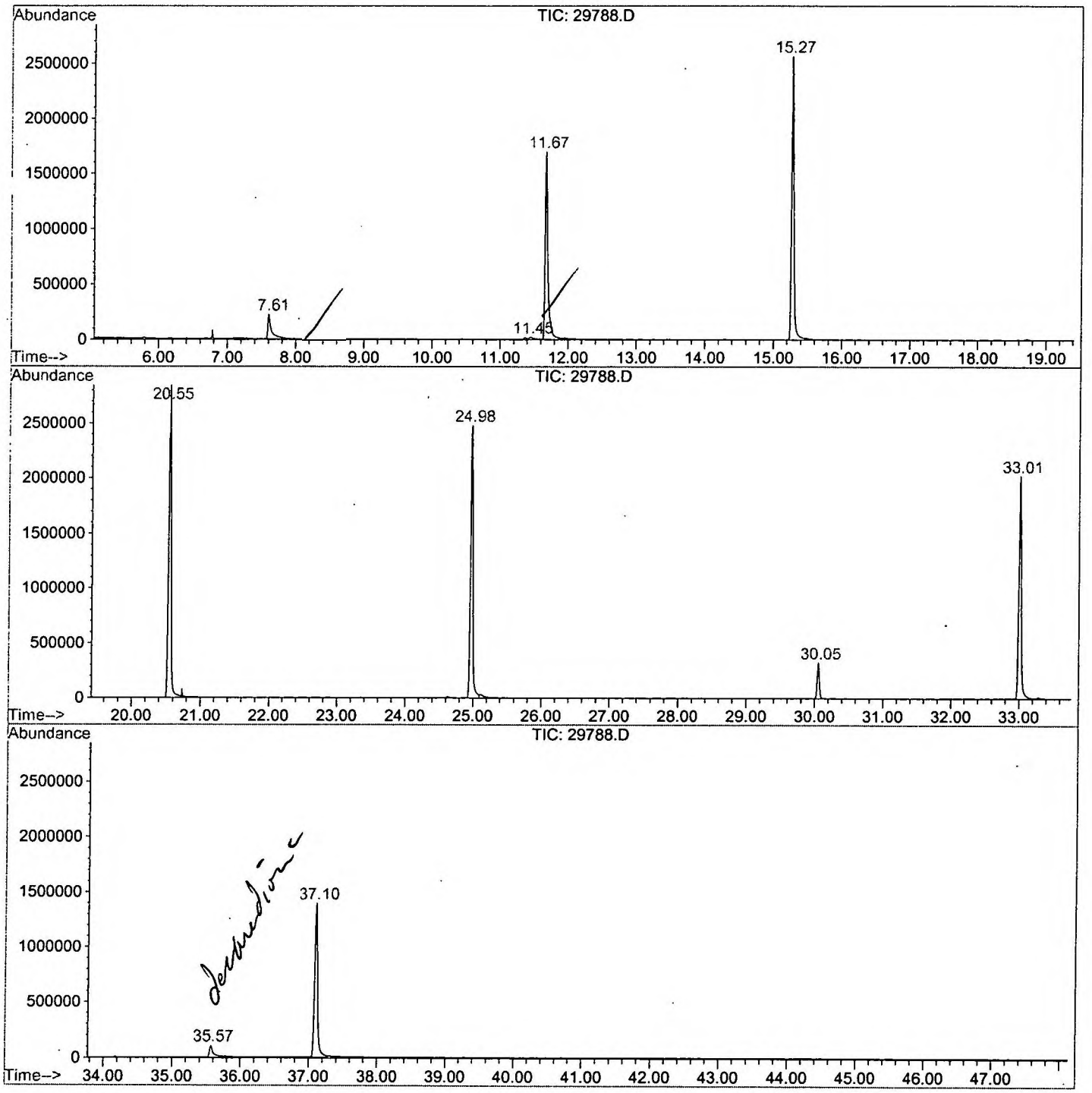
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.607	274	279	311	rBV	221717	803409	12.81%	2.387%
2	11.454	693	698	709	rVB	16164	67139	1.07%	0.199%
3	11.674	717	722	748	rBV	1691498	4637340	73.95%	13.776%
4	15.273	1109	1114	1134	rBV	2559697	5892035	93.96%	17.503%
5	20.552	1683	1689	1708	rBV	2845262	6270598	100.00%	18.628%
6	24.976	2164	2171	2184	rBV2	2479621	5899846	94.09%	17.526%
7	30.053	2718	2724	2733	rBV	326062	678117	10.81%	2.014%
8	33.009	3039	3046	3065	rBV2	2022361	4905699	78.23%	14.573%
9	35.571	3319	3325	3339	rBV	102706	379525	6.05%	1.127%
10	37.104	3484	3492	3511	rBV	1388961	4128742	65.84%	12.265%

Sum of corrected areas: 33662450

29788.D GCMS1126.M Fri Dec 28 13:23:32 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29788.D
Operator : 209 GALOS
Acquired : 15 Dec 2001 7:07 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/10 a
Misc Info :
Vial Number: 18
Quant File :GCMS1126.RES (RTE Integrator)



29788.D GCMS1126.M Fri Dec 28 13:23:39 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29788.D
Acq On : 15 Dec 2001 7:07 pm
Sample : gcms scan 12/10 a
Misc :
MS Integration Params: LSCINT.P

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

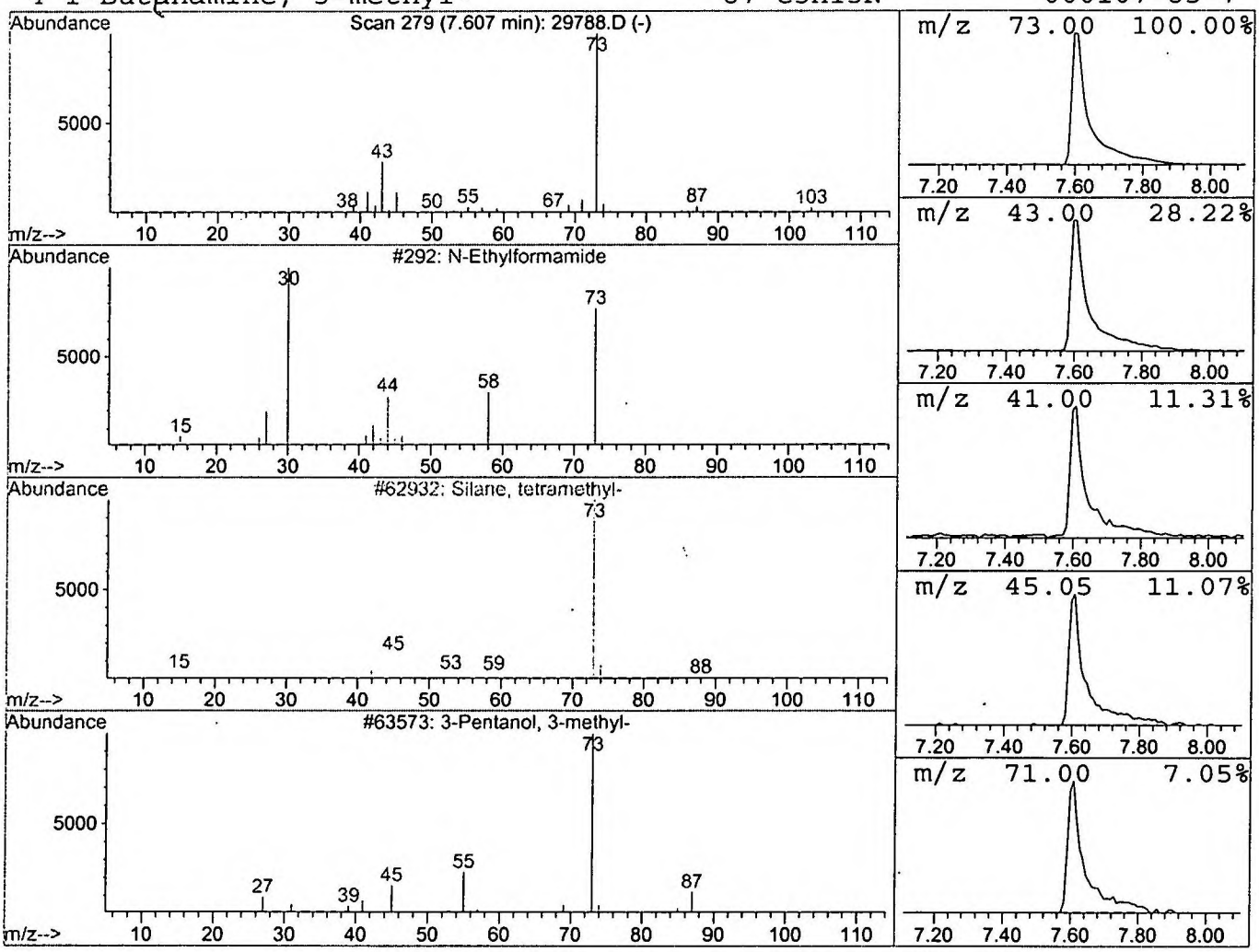
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.46 ug/l	803409	1,4-Dichlorobenzene-d4	11.67

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	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29788.D Vial: 18
Acq On : 15 Dec 2001 7:07 pm Operator: 209 GALOS
Sample : gcms scan 12/10 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

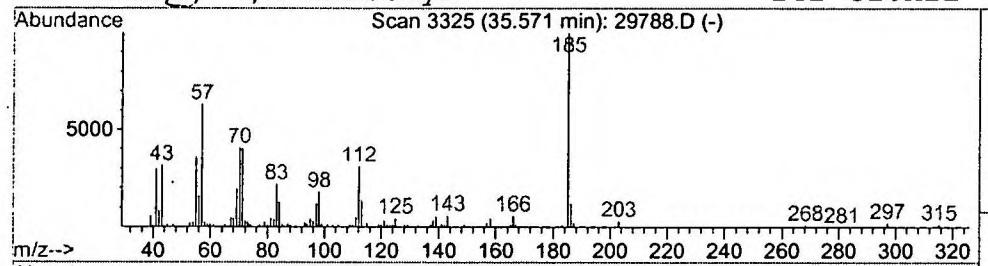
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

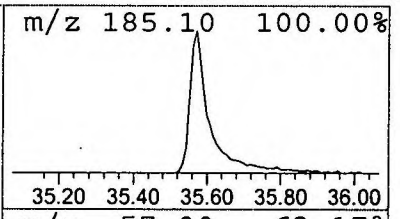
****

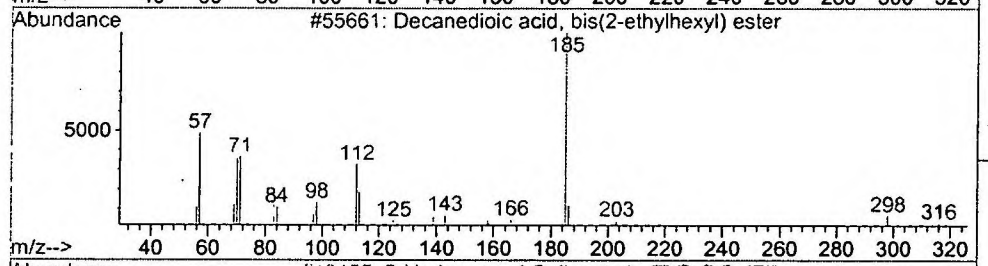
Peak Number 2 Decanedioic acid, bis(2-ethylh Concentration Rank 2

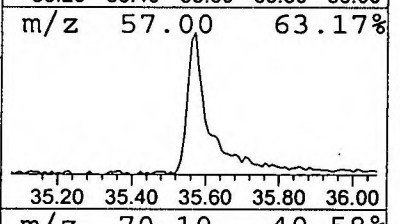
R.T.	EstConc	Area	Relative to ISTD	R.T.
35.57	1.84 ug/l	379525	Perylene-d12	37.10

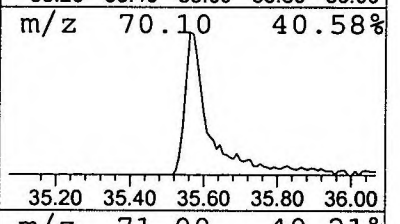
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	64
2	2-Undecene, 4,5-dimethyl-, [R@,S@-(	182	C13H26	055170-93-9	17
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	10
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	10

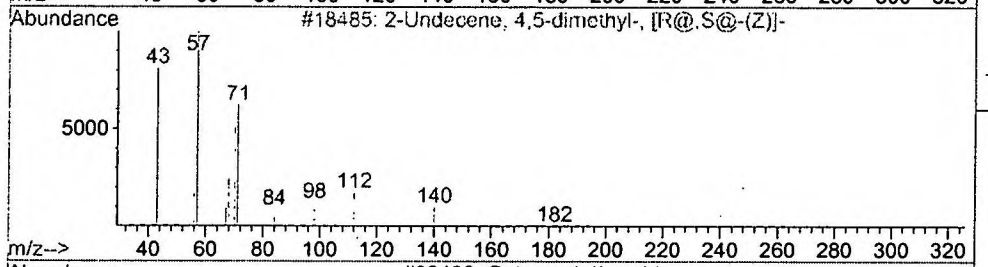


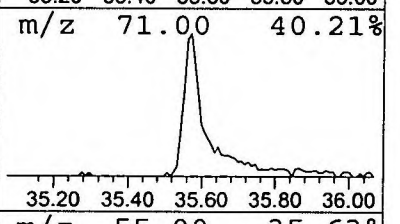


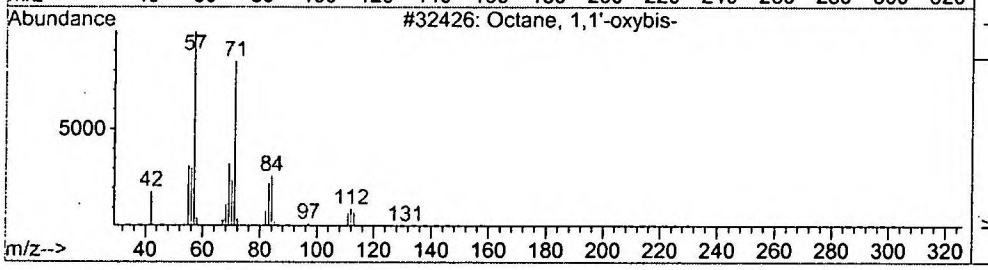


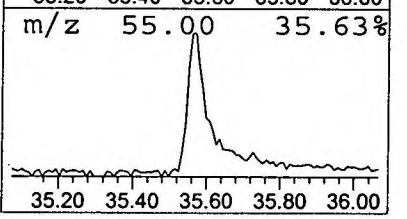












Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Dec 2001 7:07 pm
Data File: C:\HPCHEM\1\DATA\DEC1401\29788.D
Name: gcms scan 12/10 a
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	3.5	ug/l	803409	ISTD01	11.67	4637340	20.0
Decanedioic acid, bi	35.57	1.8	ug/l	379525	ISTD06	37.10	4128740	20.0

29788.D GCMS1126.M Fri Dec 28 13:23:53 2001