User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 15:53:55

Sample: AE05697
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/9/02 15:52 Ended: 4/9/02 15:52 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		103		5.0

Comments for Sample AE05697 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-09-2002 Time: 15:54:00

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\APR0102\5697.D Vial: 12
Acq On : 1 Apr 2002 11:09 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 23:58 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	561377	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	2059710	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1154076	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1612030	20.00	ug/l	-0.13
38) Chrysene-d12	33.70	240	785833	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	429678	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	83255	5.15	ug/mL	0.22
Spiked Amount 5.000			Recovery = 103.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	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	15.93	128	218	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	21.54	165	102	N.D.		
25) Diethylphthalate	22.67	149	2323	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\APR0102\5697.D Vial: 12
Acq On : 1 Apr 2002 11:09 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 23:58 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

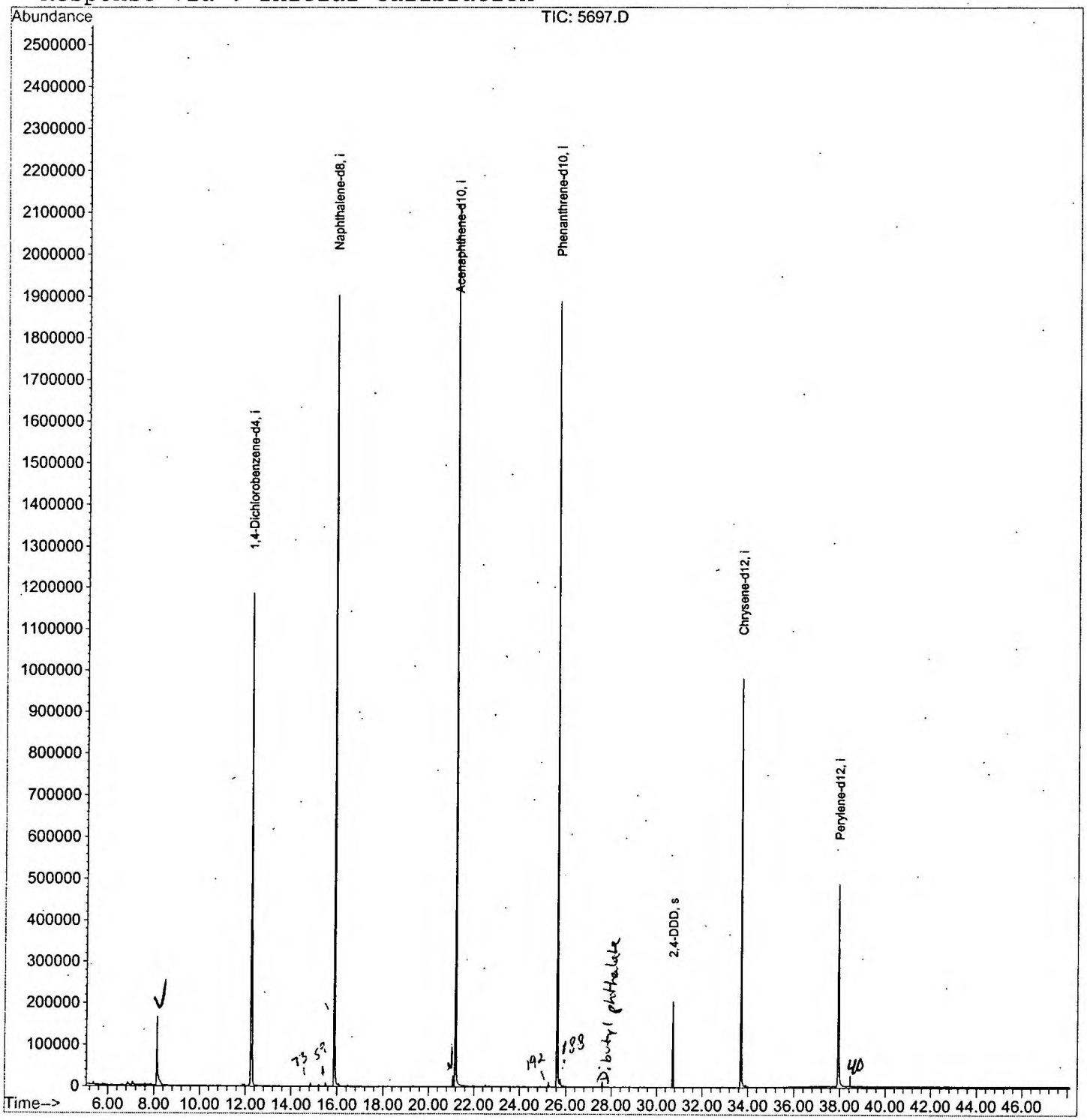
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.63	178	373	N.D.	
34)	Anthracene	25.63	178	373	N.D.	
35)	Di-n-butylphthalate	27.60	149	16659	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.13	149	240	N.D.	
41)	Benzo(a)anthracene	33.69	228	1952	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	3546	N.D.	
43)	Chrysene	33.76	228	197	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	37.93	252	1844	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\APR0102\5697.D Vial: 12
Acq On : 1 Apr 2002 11:09 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 23:58 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 04 09:06:35 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0102\5697.D Vial: 12
Acq On : 1 Apr 2002 11:09 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0403.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

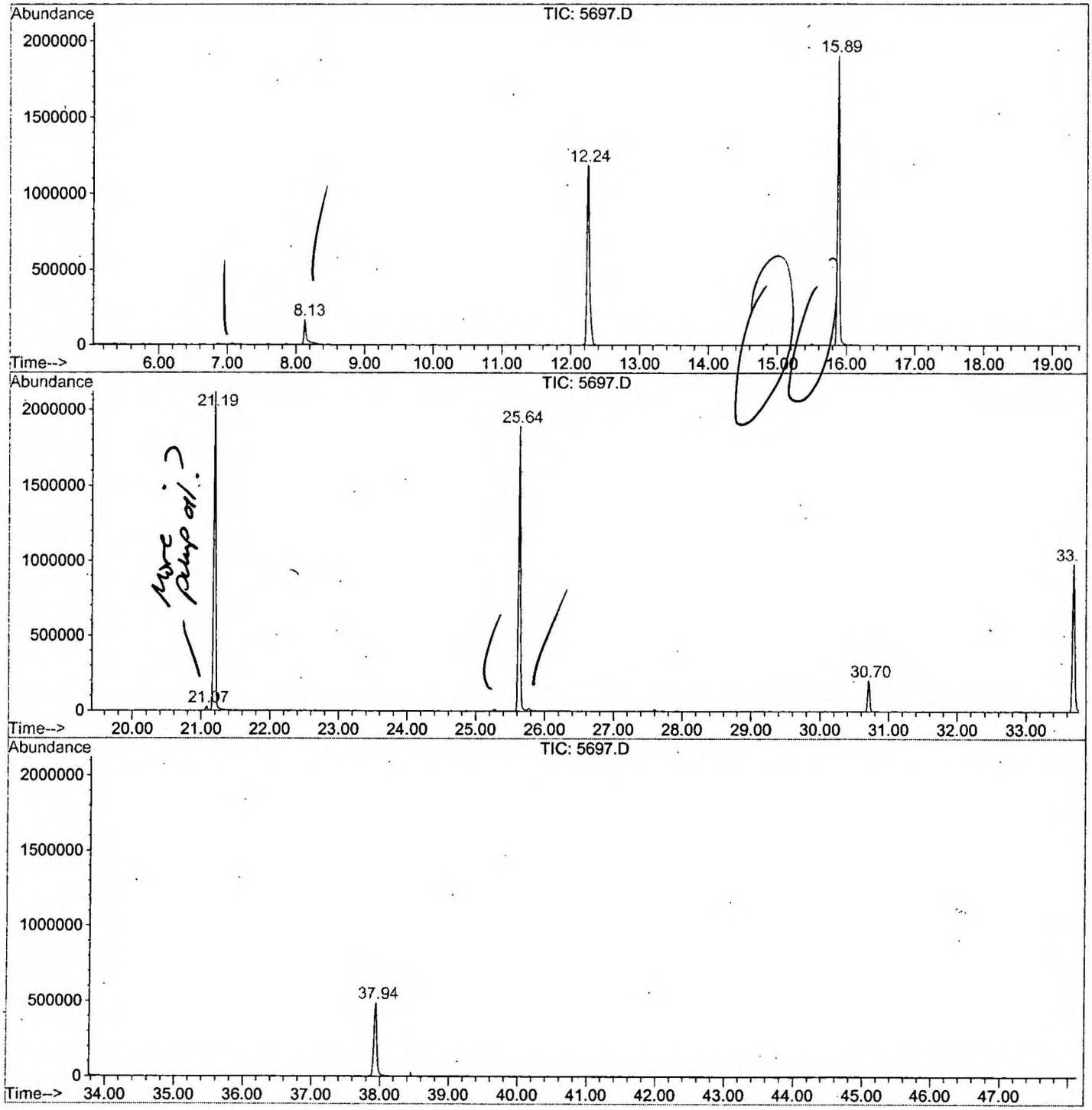
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.130	331	336	362	rBV	164538	452184	10.24%	2.260%
2	12.243	779	784	798	rVB	1182640	3016210	68.30%	15.074%
3	15.887	1174	1181	1198	rBV	1903730	3897474	88.26%	19.479%
4	21.074	1742	1746	1752	rBV	26309	52580	1.19%	0.263%
5	21.194	1752	1759	1777	rBV	2119933	4415997	100.00%	22.070%
6	25.637	2236	2243	2254	rBV	1889385	4024845	91.14%	20.115%
7	30.704	2790	2795	2803	rVB	205470	415352	9.41%	2.076%
8	33.697	3113	3121	3135	rBV	981772	2273234	51.48%	11.361%
9	37.938	3574	3583	3602	rBV	486612	1461229	33.09%	7.303%

Sum of corrected areas: 20009105

5697.D GCMS0403.M Thu Apr 04 13:57:44 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0102\5697.D
Operator :
Acquired : 1 Apr 2002 11:09 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/11
Misc Info :
Vial Number: 12
Quant File :GCMS0308.RES (RTE Integrator)



5697.D GCMS0403.M Thu Apr 04 13:57:50 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5697.D Vial: 12
Acq On : 1 Apr 2002 11:09 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

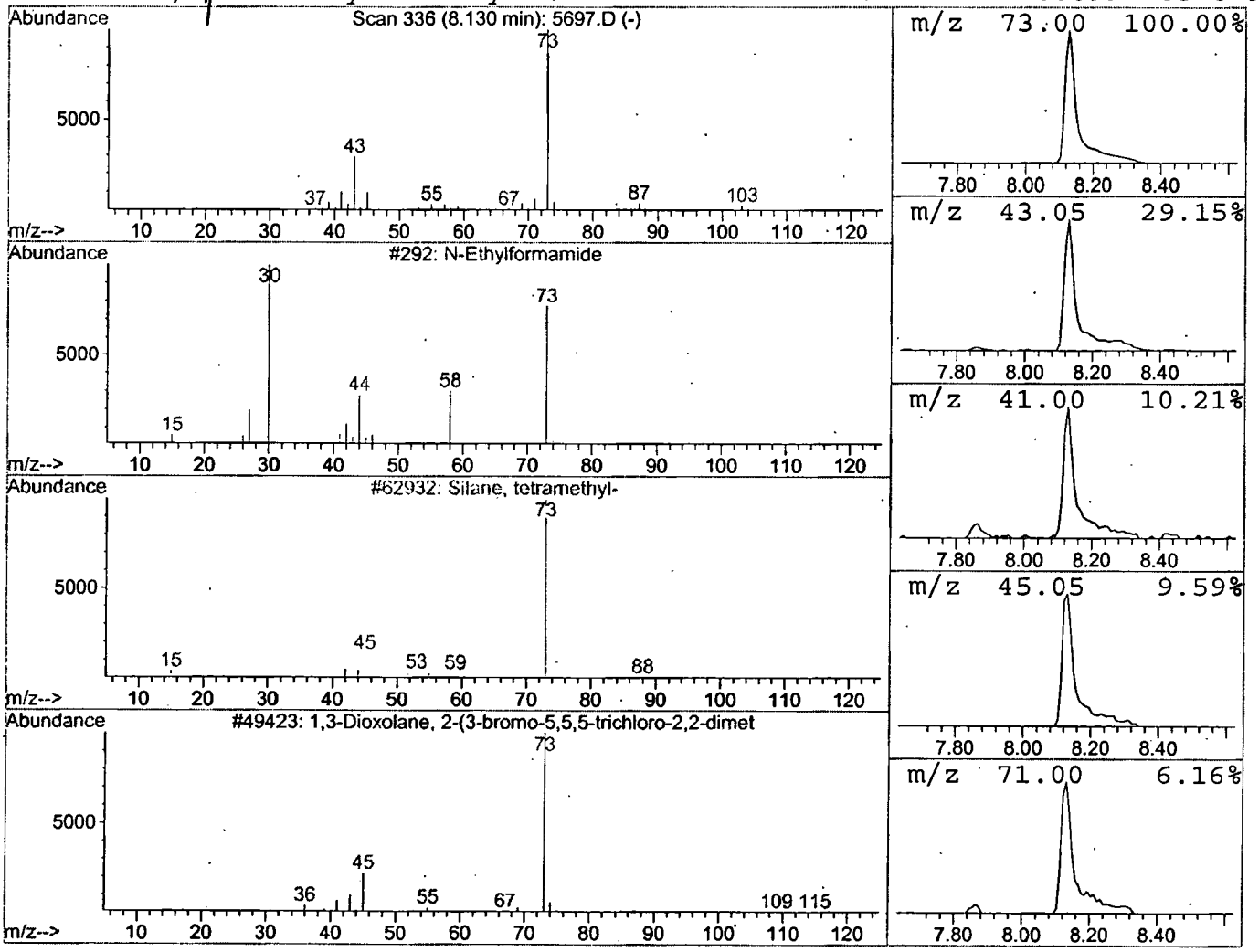
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	3.00 ug/l	452184	1,4-Dichlorobenzene-d4	12.25

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	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5697.D Vial: 12
Acq On : 1 Apr 2002 11:09 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

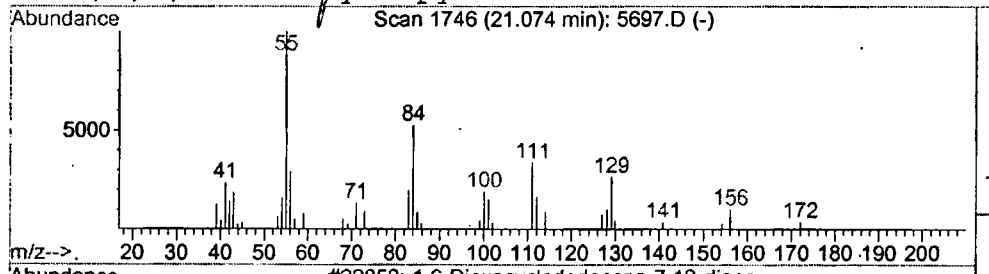
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

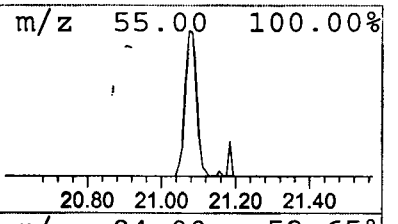
****

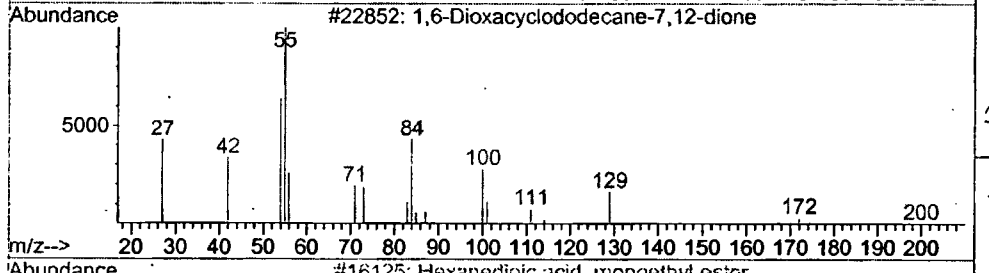
Peak Number 2 1,6-Dioxacyclododecane-7,12-di Concentration Rank 2

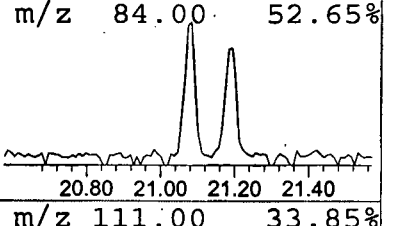
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	0.24 ug/l	52580	Acenaphthene-d10	21.19

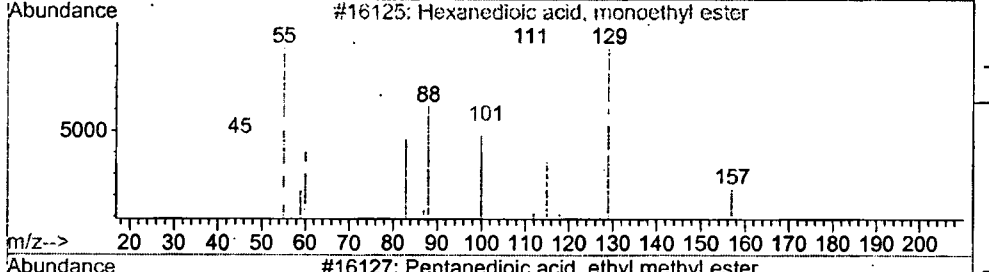
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Dioxacyclododecane-7,12-dione	200	C10H16O4	000777-95-7	32
2	Hexanedioic acid, monoethyl ester	174	C8H14O4	000626-86-8	22
3	Pentanedioic acid, ethyl methyl est	174	C8H14O4	051503-30-1	16
4	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	11

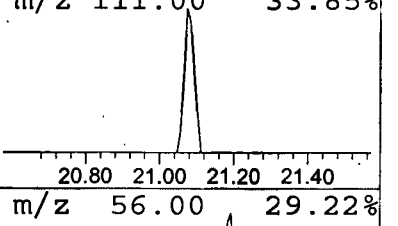


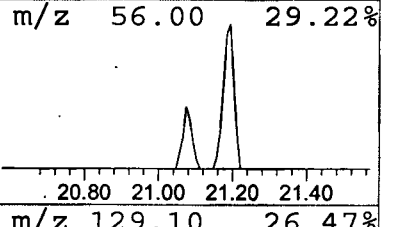


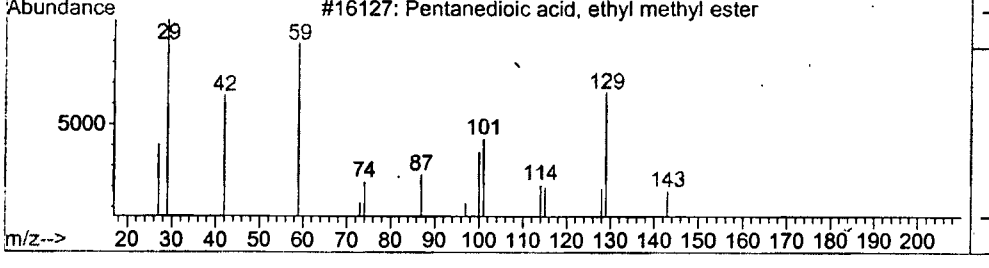


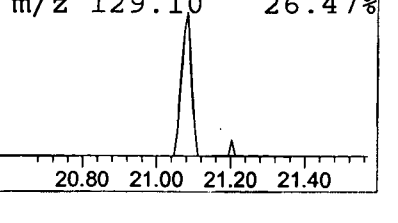












Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Apr 2002 11:09 pm
Data File: C:\HPCHEM\1\DATA\APR0102\5697.D
Name: gc/ms scan 3/11
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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	8.13	3.0	ug/l	452184	ISTD01	12.25	3016210	20.0
1,6-Dioxacyclododeca	21.07	0.2	ug/l	52580	ISTD03	21.19	4416000	20.0

5697.D GCMS0403.M Thu Apr 04 13:58:02 2002