User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/10/2002 Time: 08:40:04

Sample: AE05518
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/10/02 08:39 Ended: 4/10/02 08:39 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		105		5.0

Comments for Sample AE05518 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-10-2002 Time: 08:41:31

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\5518.D Vial: 9
Acq On : 1 Apr 2002 8:11 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 20:59 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	554095	20.00	ug/l	-0.11
10) Naphthalene-d8	15.88	136	2052790	20.00	ug/l	-0.12
17) Acenaphthene-d10	21.20	164	1150283	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1646396	20.00	ug/l	-0.14
38) Chrysene-d12	33.69	240	849248	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	472771	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	86884	5.26	ug/mL	0.21
Spiked Amount 5.000			Recovery = 105.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.48	74	622	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	15.95	128	529	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.67	149	454	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\5518.D Vial: 9
Acq On : 1 Apr 2002 8:11 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 20:59 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

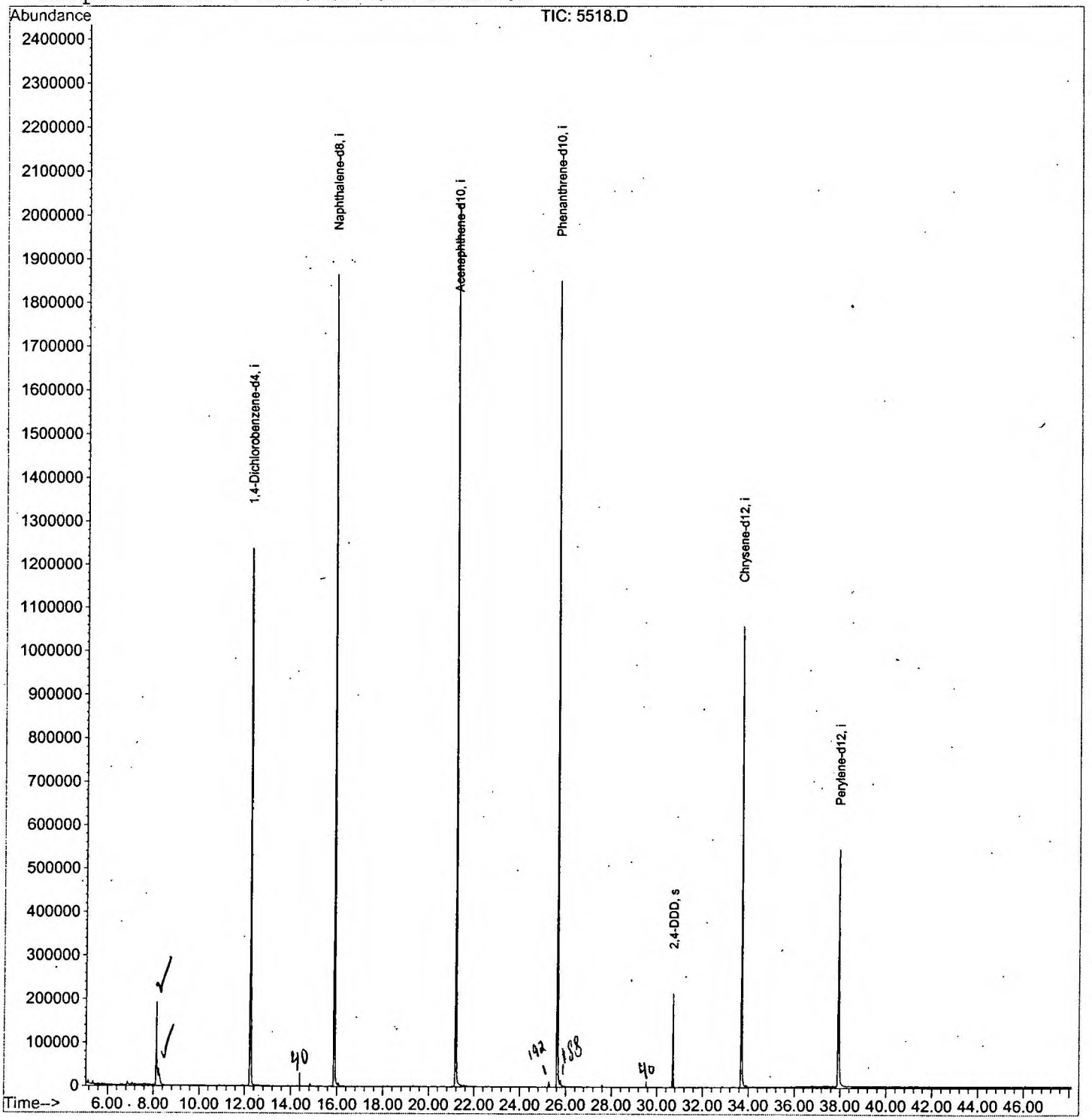
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.63	178	452	N.D.	
34)	Anthracene	25.63	178	452	N.D.	
35)	Di-n-butylphthalate	27.60	149	7509	N.D.	
36)	Fluoranthene	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	33.69	228	2028	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	2578	N.D.	
43)	Chrysene	33.69	228	2028	N.D.	
45)	Di-n-Octylphthalate	35.66	149	283	N.D.	
46)	Benzo(b)fluoranthene	36.77	252	267	N.D.	
47)	Benzo(k)fluoranthene	36.83	252	297	N.D.	
48)	Benzo(a)pyrene	37.94	252	1985	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\5518.D Vial: 9
Acq On : 1 Apr 2002 8:11 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 20:59 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\5518.D Vial: 9
Acq On : 1 Apr 2002 8:11 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

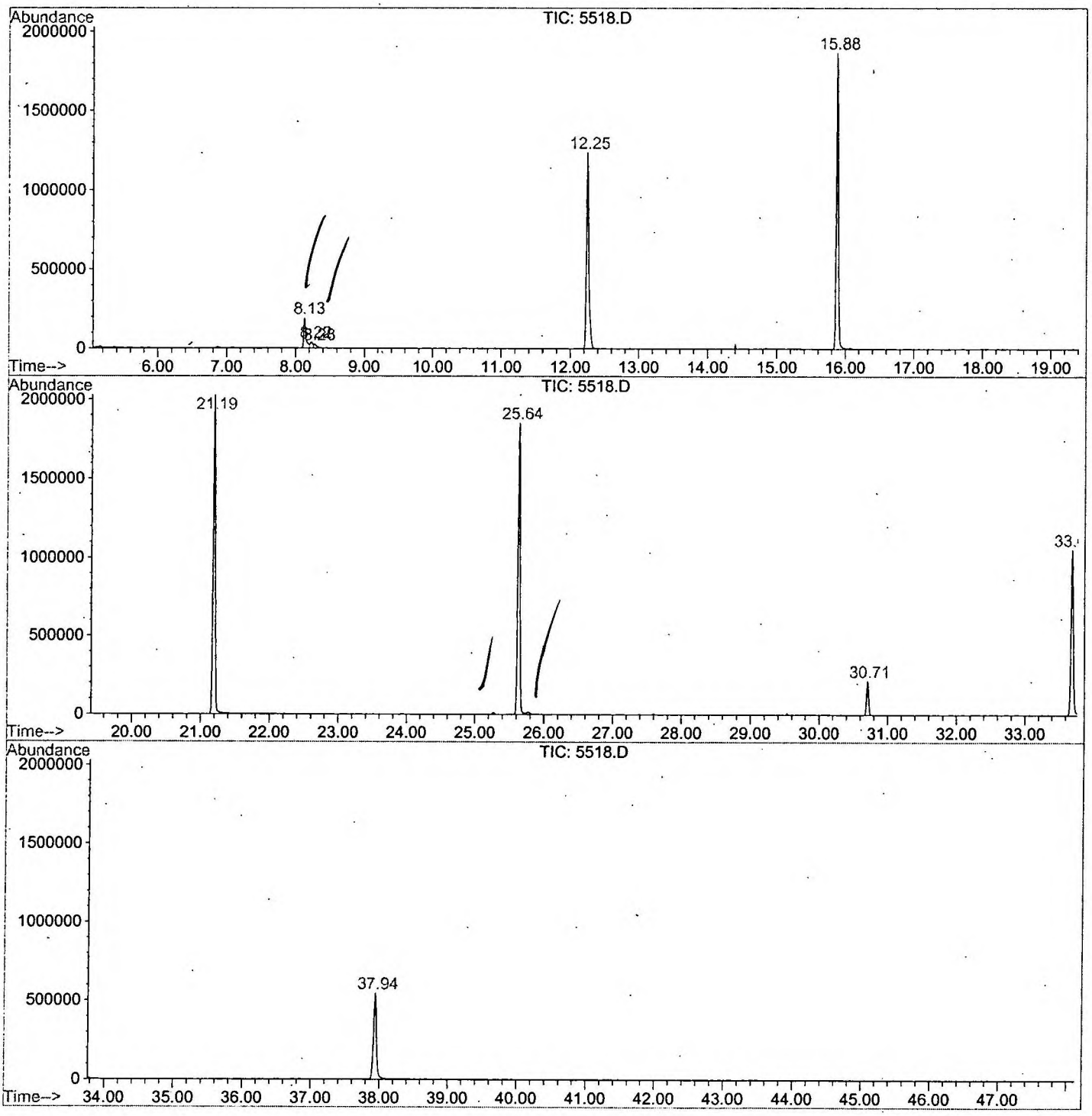
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.133	331	336	344	rBV	189962	463440	10.58%	2.266%
2	8.225	344	346	350	rVV	38119	93162	2.13%	0.456%
3	8.280	350	352	364	rVB2	23766	63834	1.46%	0.312%
4	12.246	779	784	801	rVB	1235441	2979237	68.04%	14.569%
5	15.881	1174	1180	1197	rBV	1864377	3892235	88.89%	19.034%
6	21.187	1752	1758	1775	rBV	2026741	4378743	100.00%	21.413%
7	25.640	2236	2243	2254	rBV	1849882	4060022	92.72%	19.854%
8	30.707	2790	2795	2802	rBV	216060	425864	9.73%	2.083%
9	33.691	3113	3120	3135	rBV2	1058135	2451756	55.99%	11.990%
10	37.941	3573	3583	3603	rBV2	544583	1640816	37.47%	8.024%

Sum of corrected areas: 20449109

5518.D GCMS0403.M Thu Apr 04 13:55:36 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0102\5518.D
Operator :
Acquired : 1 Apr 2002 8:11 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/11
Misc Info :
Vial Number: 9
Quant File :GCMS0308.RES (RTE Integrator)



5518.D GCMS0403.M Thu Apr 04 13:55:41 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5518.D
Acq On : 1 Apr 2002 8:11 pm
Sample : gc/ms scan 3/11
Misc :
MS Integration Params: LSCINT.P

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

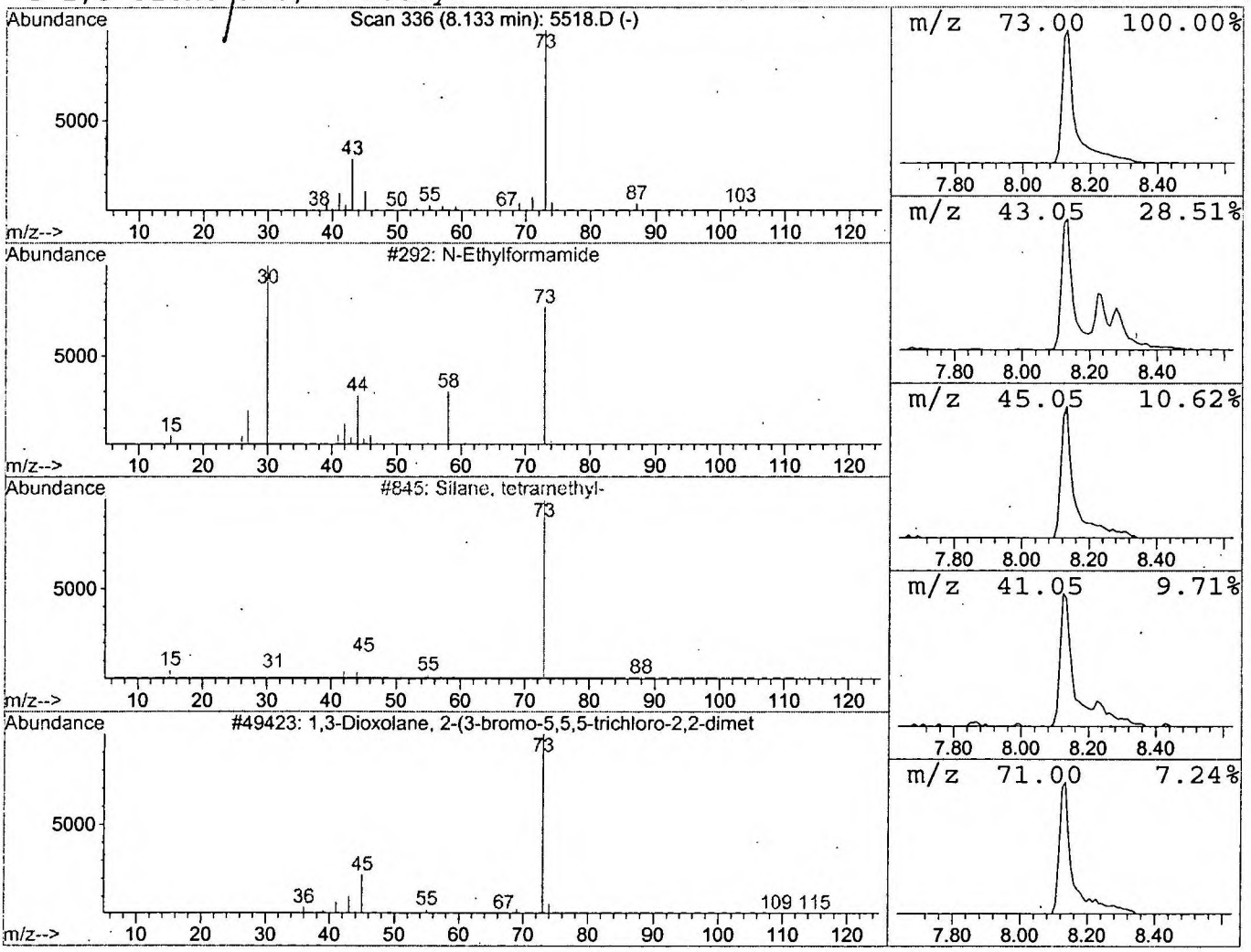
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	3.11 ug/l	463440	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5518.D Vial: 9
Acq On : 1 Apr 2002 8:11 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

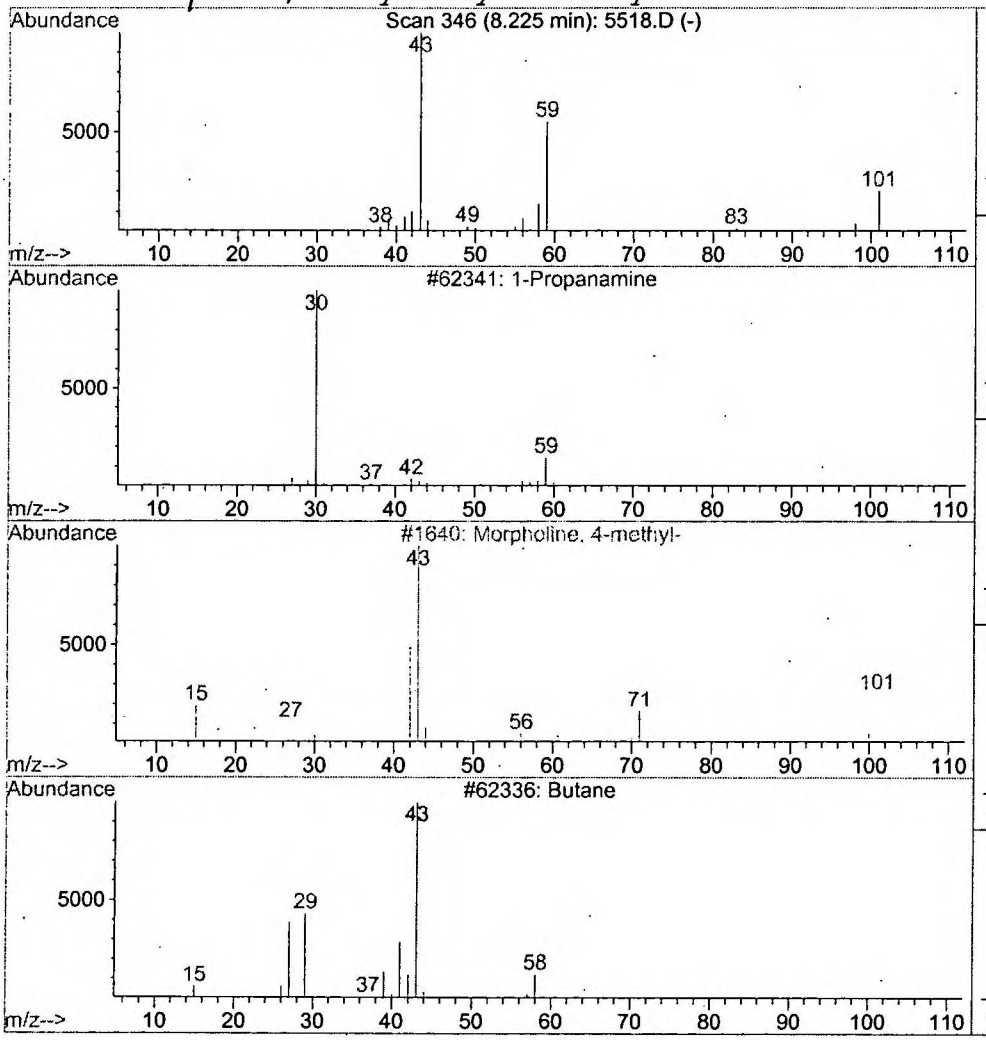
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

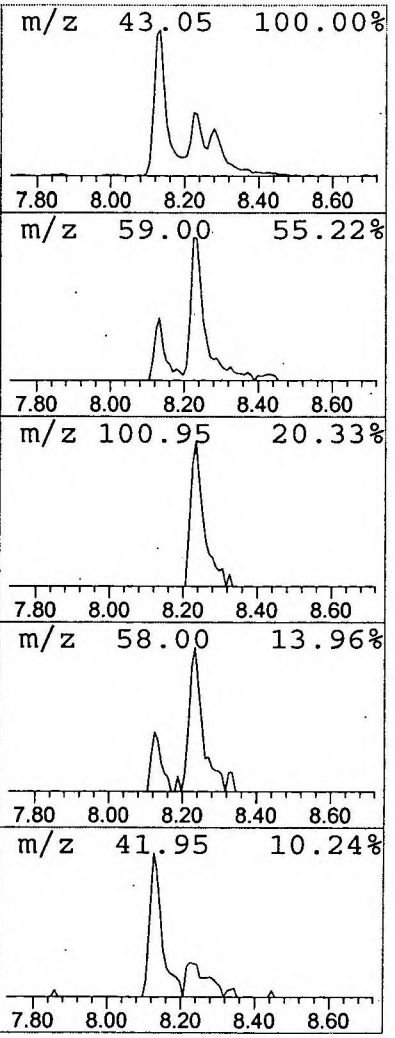
****

Peak Number 2 1-Propanamine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	0.63 ug/l	93162	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanamine	59	C3H9N	000107-10-8	9
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Butane	58	C4H10	000106-97-8	9
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5518.D Vial: 9
Acq On : 1 Apr 2002 8:11 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

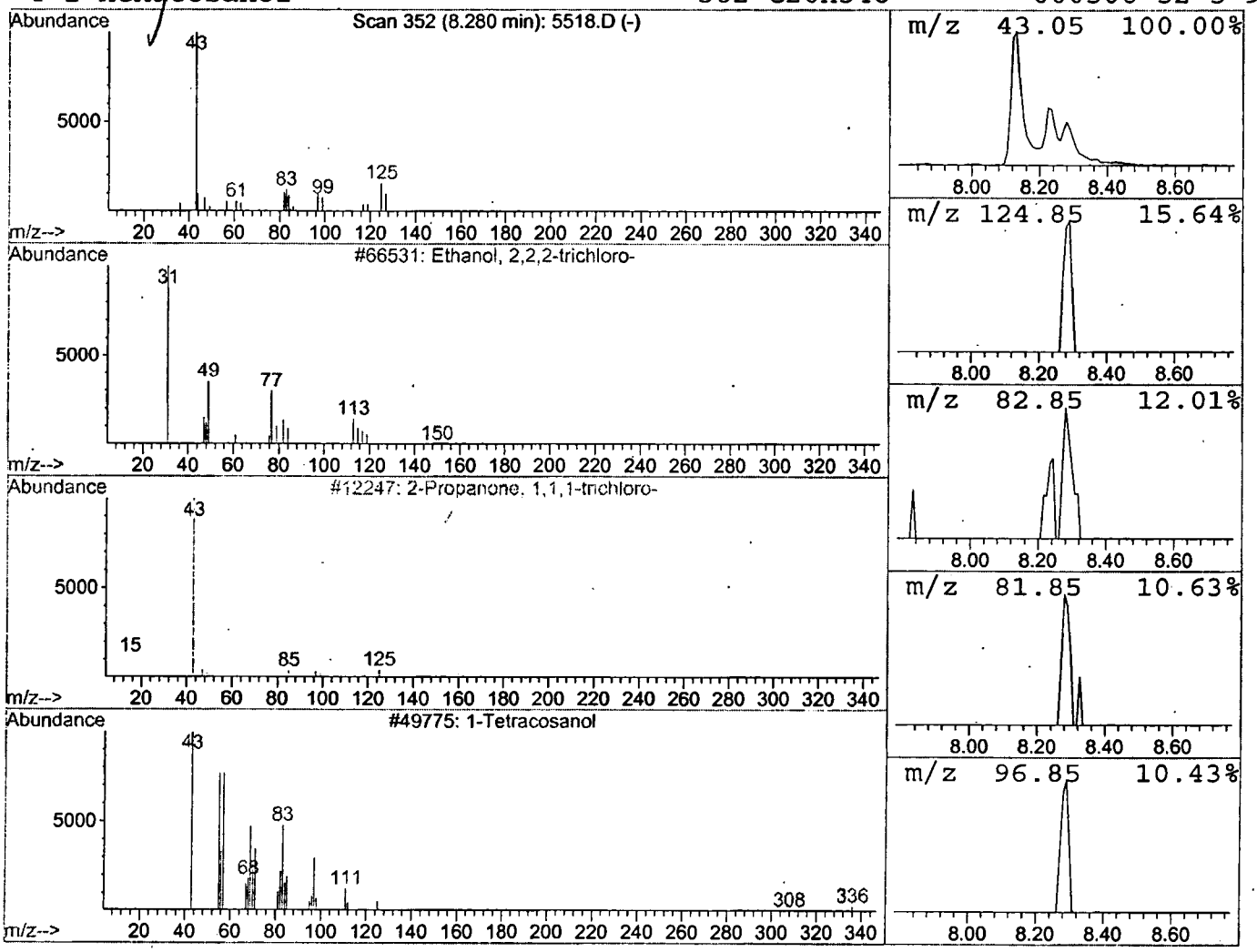
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Ethanol, 2,2,2-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	0.43 ug/l	63834	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	12
2	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	9
3	1-Tetracosanol	354	C24H50O	000506-51-4	9
4	1-Hexacosanol	382	C26H54O	000506-52-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Apr 2002 8:11 pm
Data File: C:\HPCHEM\1\DATA\APR0102\5518.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	3.1	ug/l	463440	ISTD01	12.25	2979240	20.0
1-Propanamine	8.22	0.6	ug/l	93162	ISTD01	12.25	2979240	20.0
Ethanol, 2,2,2-trich	8.28	0.4	ug/l	63834	ISTD01	12.25	2979240	20.0

5518.D GCMS0403.M Thu Apr 04 13:55:59 2002