User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 11:03:32

Sample: AE08686
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/26/02 11:03 Ended: 4/26/02 11:03 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		94		10.0

Comments for Sample AE08686 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-26-2002 Time: 11:03:58

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\APR2202\8686.D Vial: 8
Acq On : 22 Apr 2002 4:01 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 7:55 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	443612	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1614438	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	919123	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1324570	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	856232	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	546354	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	43369	9.41	ug/L	-0.05
Spiked Amount 10.000			Recovery = 94.10%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
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	0.00	128	0	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	22.63	149	259	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

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Response via : Initial Calibration
DataAcq Meth : GCMS0412

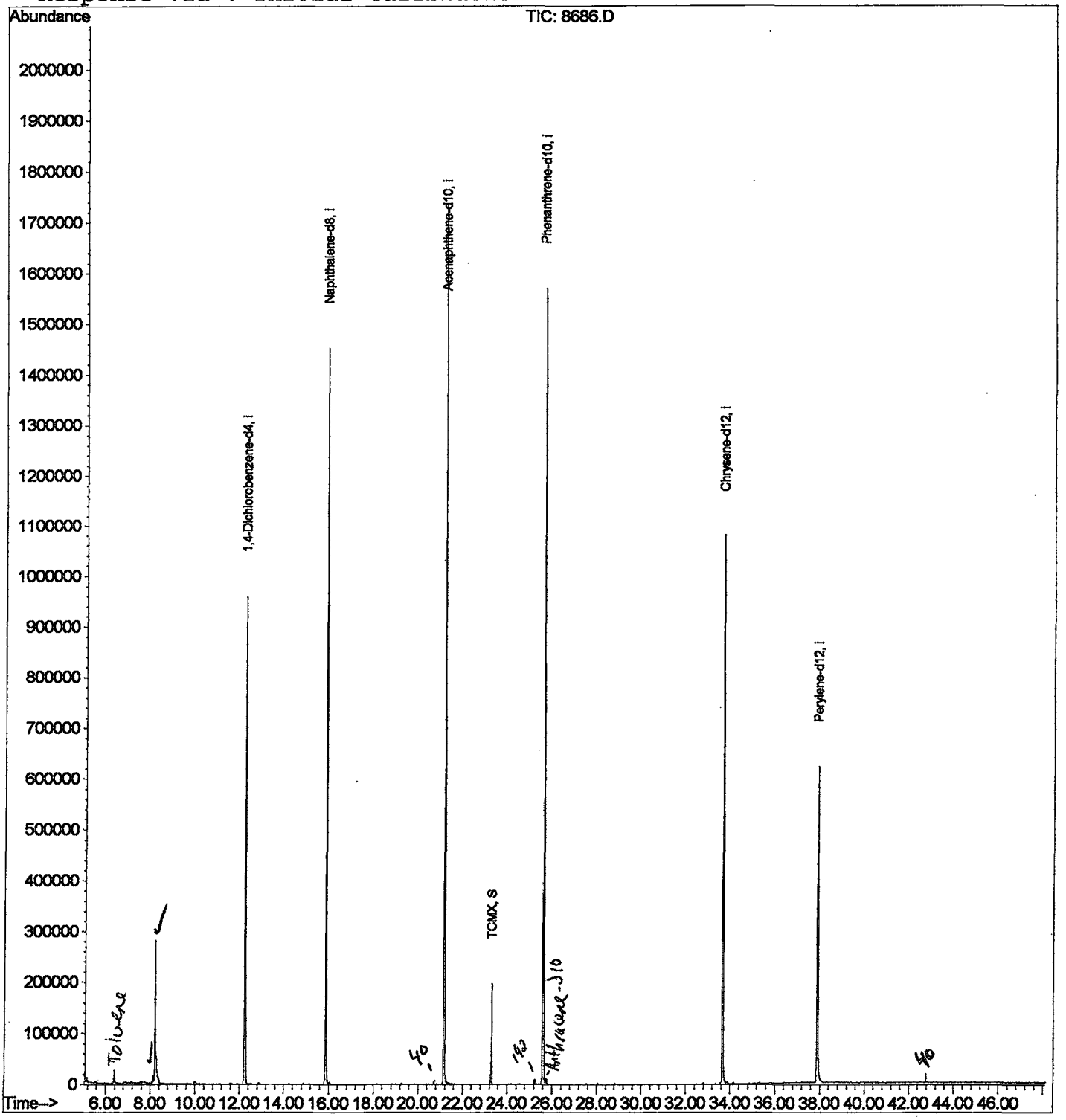
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.60	178	355	N.D.	
35)	Anthracene	25.60	178	355	N.D.	
36)	Di-n-butylphthalate	27.55	149	2478	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.65	228	2046	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	1789	N.D.	
44)	Chrysene	33.65	228	2134	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	36.71	252	109	N.D.	
48)	Benzo(k)fluoranthene	36.71	252	109	N.D.	
49)	Benzo(a)pyrene	37.86	252	1940	N.D.	
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52)	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\APR2202\8686.D Vial: 8
Acq On : 22 Apr 2002 4:01 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 7:55 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2202\8686.D Vial: 8
Acq On : 22 Apr 2002 4:01 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

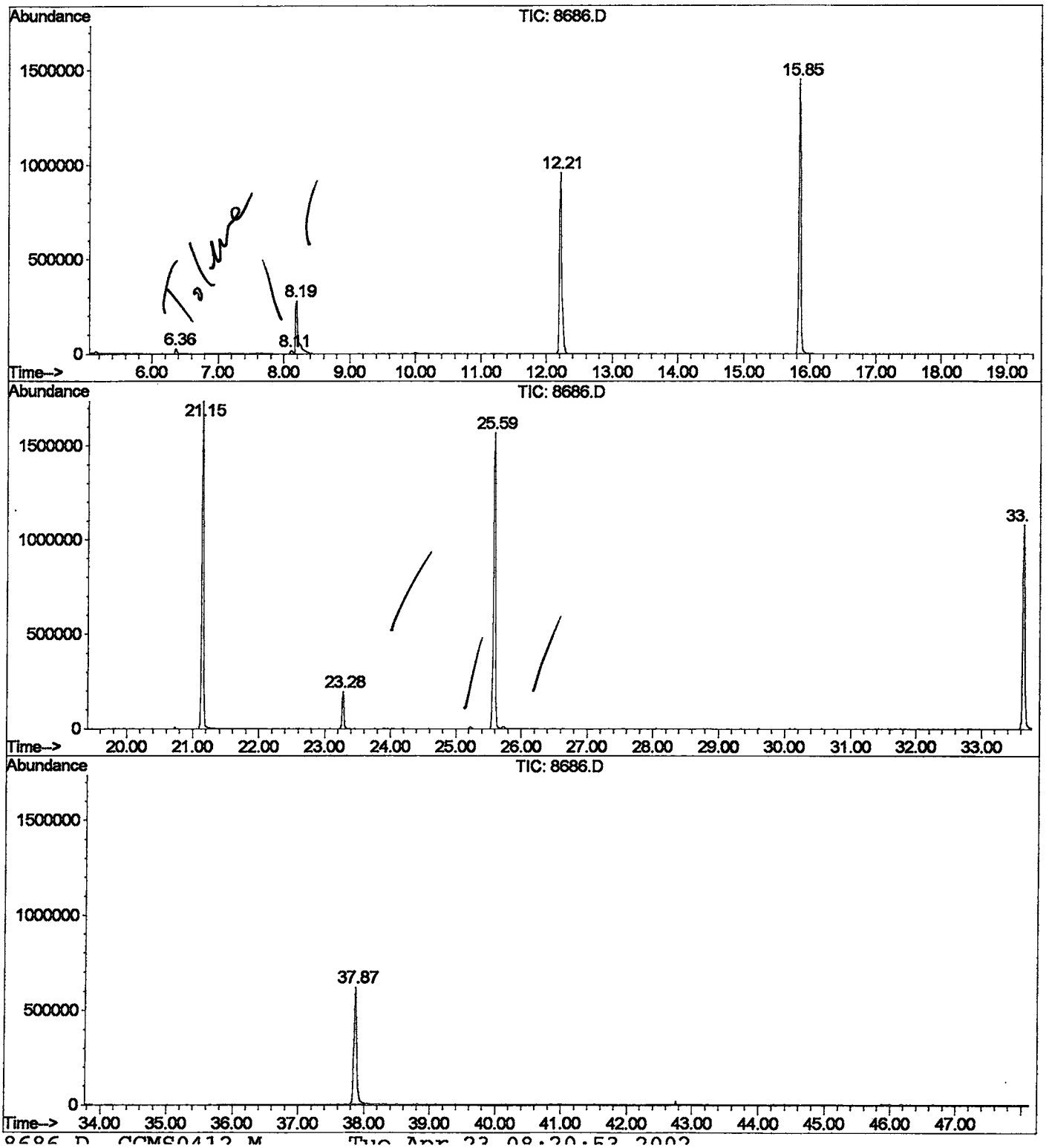
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.365	140	144	153	rBV	25944	51794	1.50%	0.293%
2	8.109	330	334	339	rBV	15319	36045	1.04%	0.204%
3	8.192	339	343	374	rVB	280990	776533	22.49%	4.386%
4	12.213	775	781	794	rBV	957949	2361719	68.41%	13.341%
5	15.848	1171	1177	1192	rBV	1452376	3029940	87.76%	17.115%
6	21.145	1748	1754	1772	rBV	1738642	3452548	100.00%	19.503%
7	23.284	1980	1987	1996	rVB	198413	380496	11.02%	2.149%
8	25.589	2231	2238	2248	rBV2	1571165	3335646	96.61%	18.842%
9	33.640	3109	3115	3134	rBV2	1081062	2443537	70.77%	13.803%
10	37.872	3567	3576	3592	rBV2	621065	1834666	53.14%	10.364%

Sum of corrected areas: 17702924

8686.D GCMS0412.M Tue Apr 23 08:20:52 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2202\8686.D
Operator :
Acquired : 22 Apr 2002 4:01 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/11
Misc Info :
Vial Number: 8
Quant File :GCMS0412.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8686.D
Acq On : 22 Apr 2002 4:01 pm
Sample : gc/ms scan 4/11
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator:
Inst : 209
Multiplr: 1.00

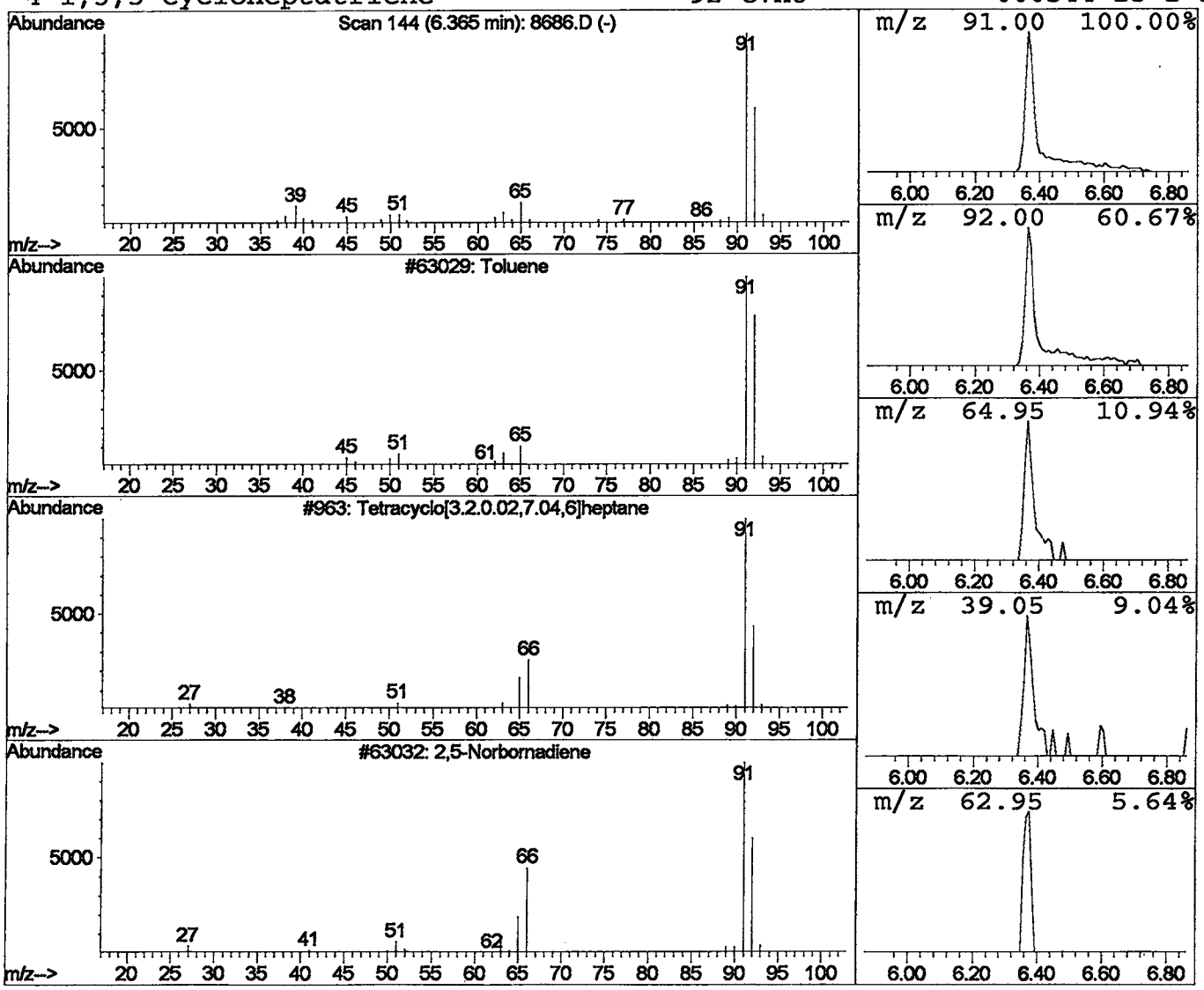
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Toluene — Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	0.44 ug/l	51794	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	Tetracyclo[3.2.0.02,7.04,6]heptane	92	C7H8	000278-06-8	64
3	2,5-Norbornadiene	92	C7H8	000121-46-0	45
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8686.D Vial: 8
Acq On : 22 Apr 2002 4:01 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

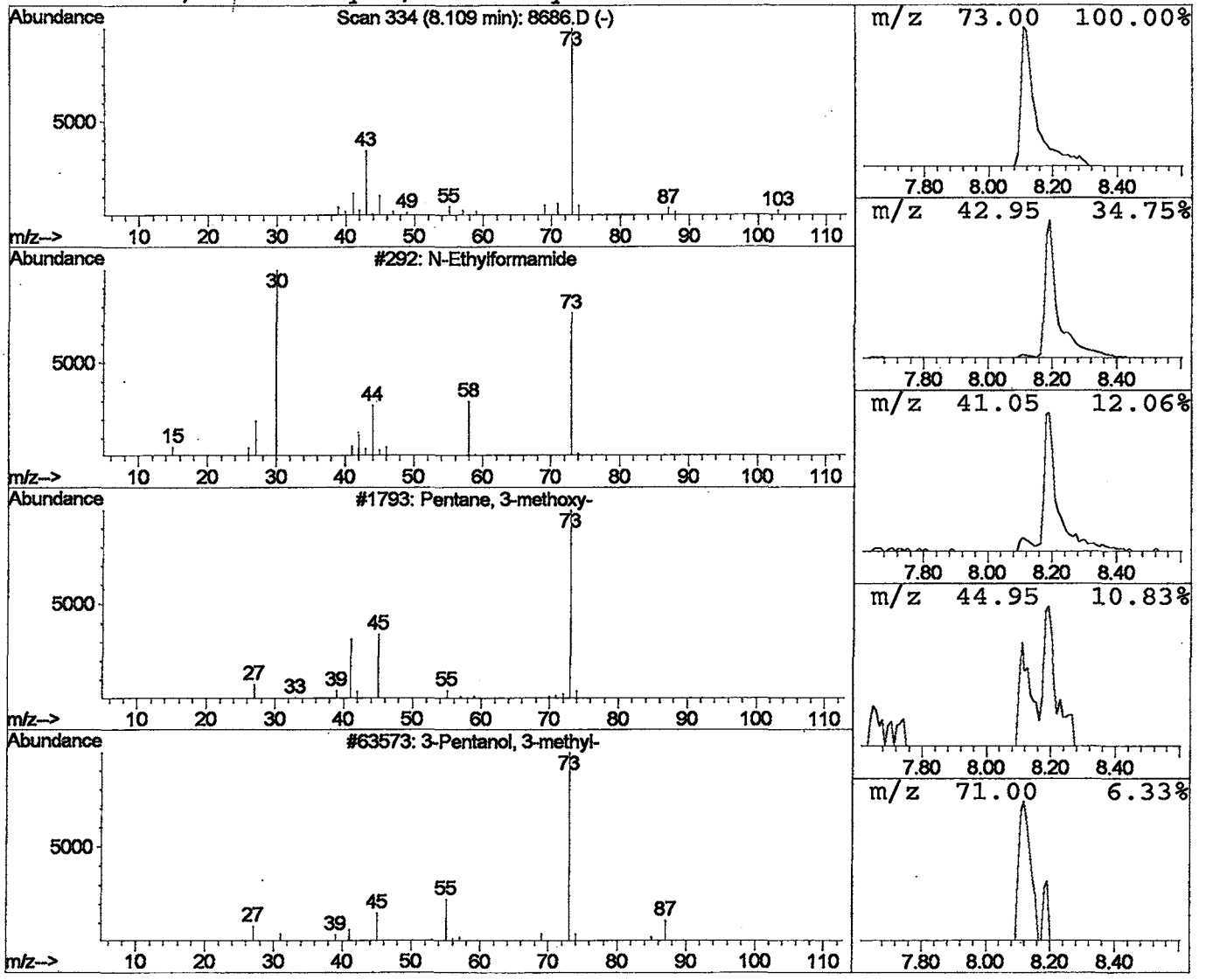
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 N-Ethylformamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	0.31 ug/l	36045	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8686.D
Acq On : 22 Apr 2002 4:01 pm
Sample : gc/ms scan 4/11
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator:
Inst : 209
Multiplr: 1.00

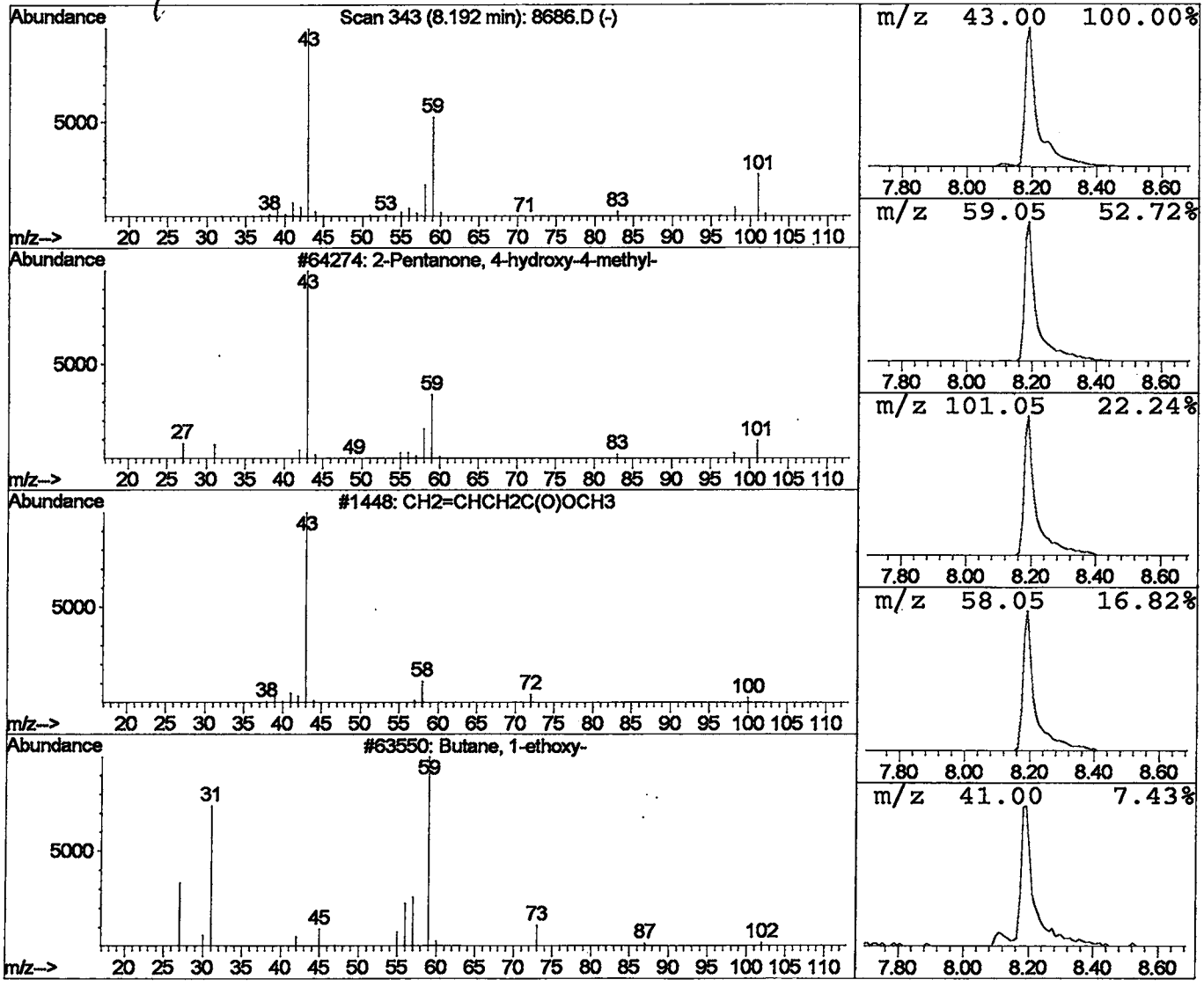
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	6.58 ug/l	776533	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Apr 2002 4:01 pm
Data File: C:\HPCHEM\1\DATA\APR2202\8686.D
Name: gc/ms scan 4/11
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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
Toluene	6.36	0.4	ug/l	51794	ISTD01	12.21	2361720	20.0
N-Ethylformamide	8.11	0.3	ug/l	36045	ISTD01	12.21	2361720	20.0
2-Pentanone, 4-hydro	8.19	6.6	ug/l	776533	ISTD01	12.21	2361720	20.0

8686.D GCMS0412.M Tue Apr 23 08:20:56 2002