User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 11:02:27

Sample: AE09157
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/8/02 11:01 Ended: 5/8/02 11:01 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		10.0

Comments for Sample AE09157 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-08-2002 Time: 11:08:47

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\HPCHEM\1\DATA\APR2502\9157.D Vial: 27
Acq On : 26 Apr 2002 6:30 pm Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 11:18 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 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	402329	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1464473	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	818842	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1193706	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	695516	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	400575	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	28755	6.95	ug/L	-0.05
Spiked Amount 10.000			Recovery = 69.50%			
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	679	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

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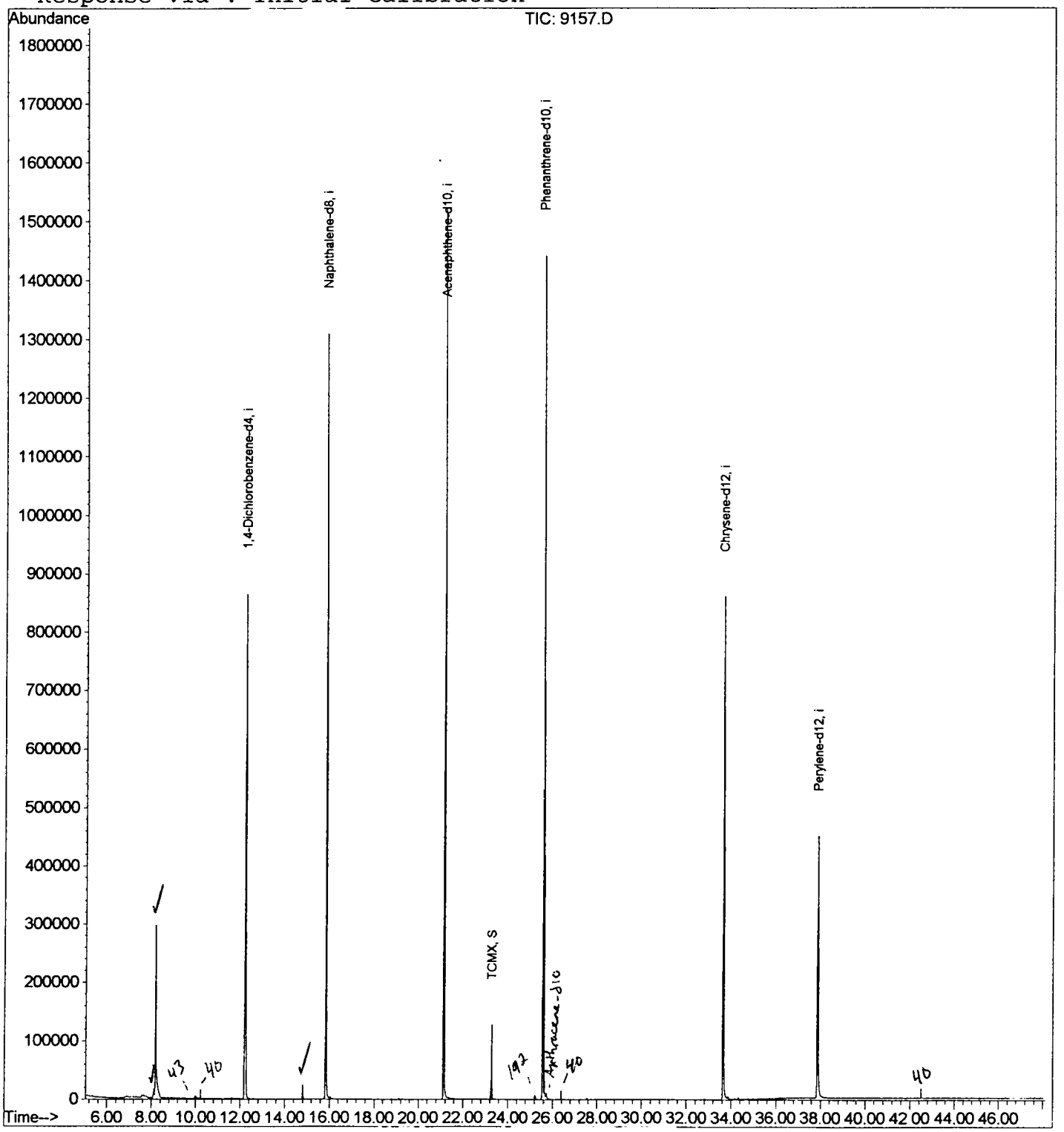
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.60	178	223	N.D.	
35)	Anthracene	25.60	178	223	N.D.	
36)	Di-n-butylphthalate	27.55	149	4104	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	1782	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	4122	N.D.	
44)	Chrysene	33.65	228	1782	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
49)	Benzo(a)pyrene	37.85	252	1642	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

Data File : C:\HPCHEM\1\DATA\APR2502\9157.D Vial: 27
Acq On : 26 Apr 2002 6:30 pm Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 11:18 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2502\9157.D Vial: 27
Acq On : 26 Apr 2002 6:30 pm Operator:
Sample : re-inject 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

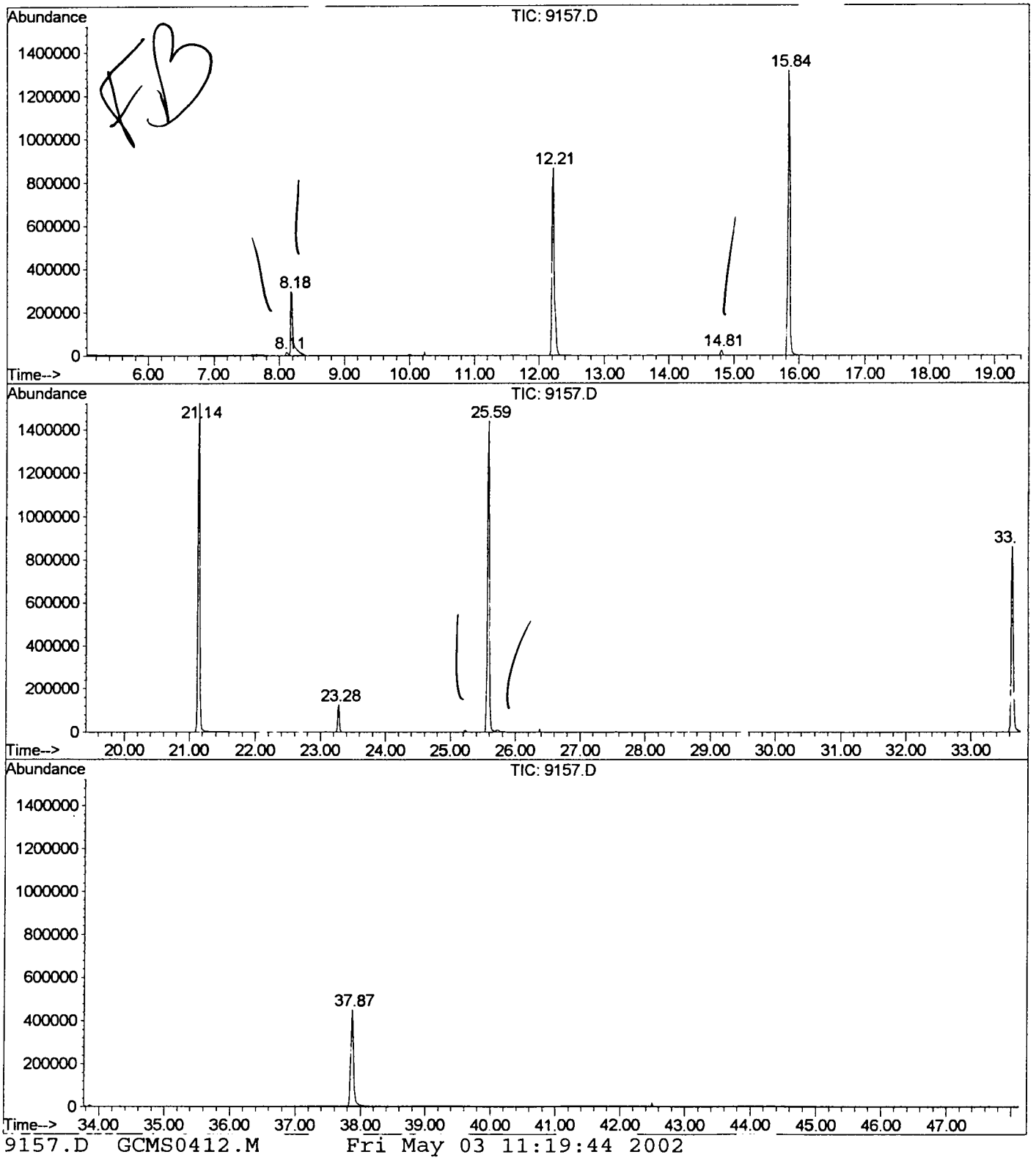
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.109	331	334	339	rBV	14759	33996	1.09%	0.220%
2	8.182	339	342	368	rVB	295452	764550	24.47%	4.944%
3	12.212	775	781	797	rVB	864275	2177710	69.69%	14.083%
4	14.810	1059	1064	1070	rVB	24810	46459	1.49%	0.300%
5	15.838	1171	1176	1194	rBV	1309528	2754884	88.16%	17.815%
6	21.145	1748	1754	1773	rBV	1524393	3124909	100.00%	20.208%
7	23.284	1981	1987	1992	rBV	127806	247071	7.91%	1.598%
8	25.588	2231	2238	2250	rBV	1442067	3001799	96.06%	19.412%
9	33.639	3108	3115	3132	rBV2	862111	1978502	63.31%	12.795%
10	37.871	3568	3576	3589	rBV2	448714	1333720	42.68%	8.625%

Sum of corrected areas: 15463600

9157.D GCMS0412.M Fri May 03 11:19:43 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2502\9157.D
Operator :
Acquired : 26 Apr 2002 6:30 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: re-inject
Misc Info :
Vial Number: 27
Quant File :GCMS0412.RES (RTE Integrator)



9157.D GCMS0412.M Fri May 03 11:19:44 2002

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Data File : C:\HPCHEM\1\DATA\APR2502\9157.D              Vial: 27
Acq On    : 26 Apr 2002    6:30 pm                   Operator:
Sample    : re-inject                                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
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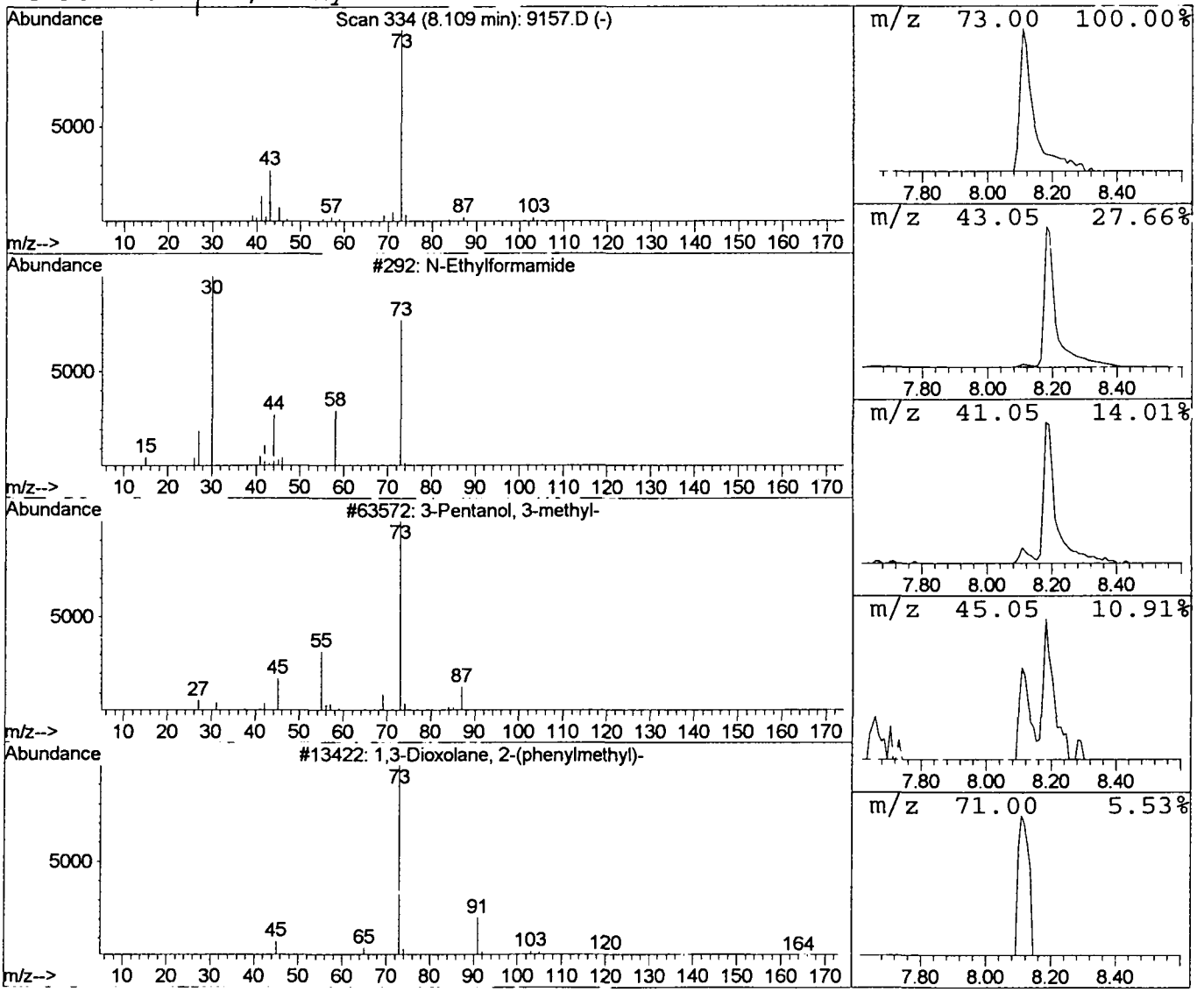
****

Peak Number 1 N-Ethylformamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	0.31 ug/l	33996	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	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	1,3-Dioxolane, 2-(phenylmethyl)-	164	C10H12O2	000101-49-5	9
4	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	5



Data File : C:\HPCHEM\1\DATA\APR2502\9157.D Vial: 27
Acq On : 26 Apr 2002 6:30 pm Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

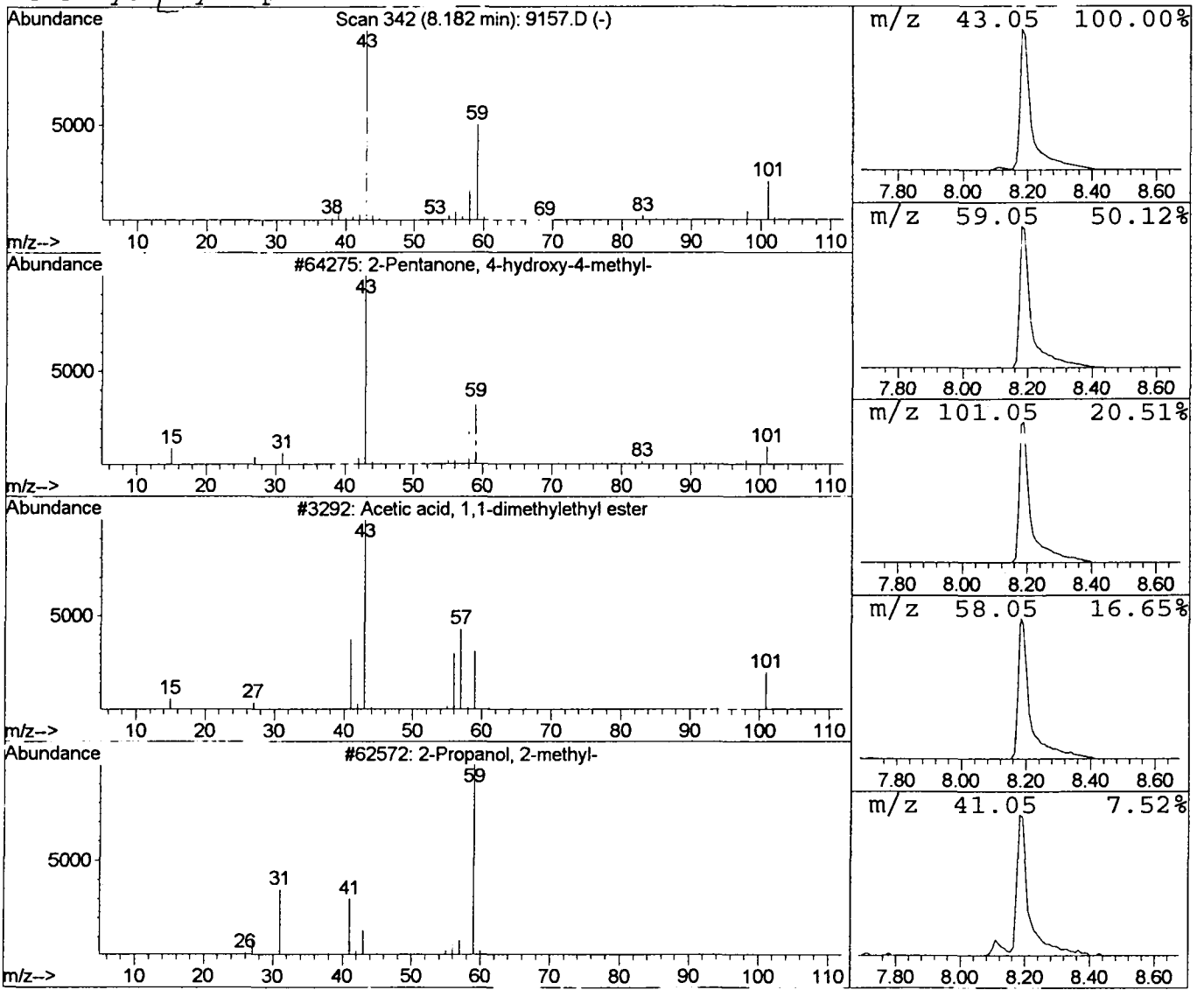
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	7.02 ug/l	764550	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	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Data File : C:\HPCHEM\1\DATA\APR2502\9157.D Vial: 27
Acq On : 26 Apr 2002 6:30 pm Operator:
Sample : re-inject 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

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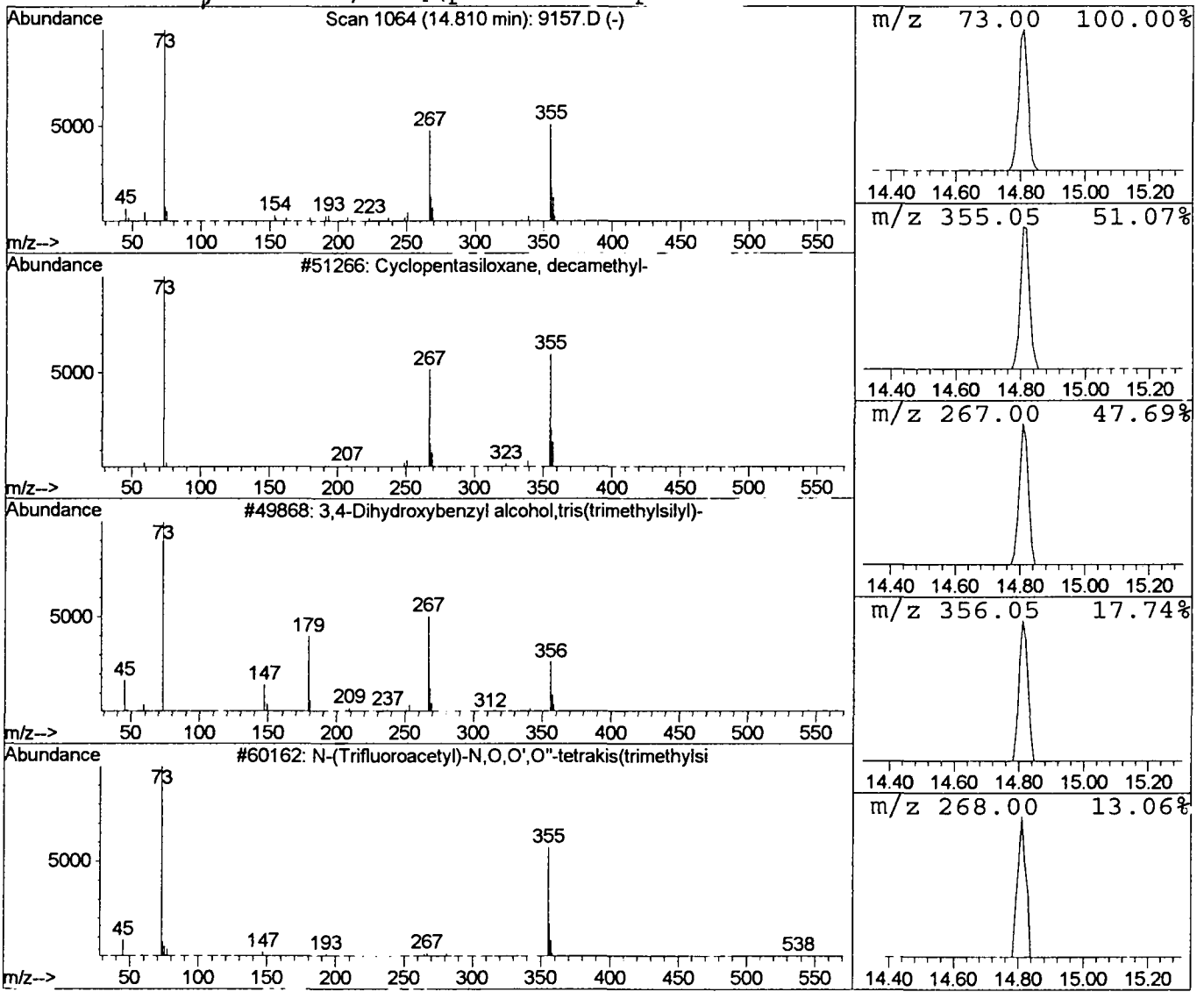
Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.34 ug/l	46459	Naphthalene-d8	15.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	52
3	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	43
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Apr 2002 6:30 pm
Data File: C:\HPCHEM\1\DATA\APR2502\9157.D
Name: re-inject
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
N-Ethylformamide	8.11	0.3	ug/l	33996	ISTD01	12.21	2177710	20.0
2-Pentanone, 4-hydro	8.18	7.0	ug/l	764550	ISTD01	12.21	2177710	20.0
Cyclopentasiloxane,	14.81	0.3	ug/l	46459	ISTD02	15.85	2754880	20.0

9157.D GCMS0412.M Fri May 03 11:19:47 2002