User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 10:35:58

Sample: AE09156
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/8/02 10:35 Ended: 5/8/02 10:35 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		10.0

Comments for Sample AE09156 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-08-2002 Time: 10:36:22

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

Data File : C:\HPCHEM\1\DATA\APR2502\9156.D Vial: 26
Acq On : 26 Apr 2002 5:32 pm Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 11:17 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	412871	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1488407	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	831561	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.58	188	1230341	20.00	ug/l	-0.03
39) Chrysene-d12	33.65	240	766681	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	483194	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	36829	8.76	ug/L	-0.05
Spiked Amount 10.000			Recovery = 87.60%			
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	15.90	128	189	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	1017	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)

Data File : C:\HPCHEM\1\DATA\APR2502\9156.D Vial: 26
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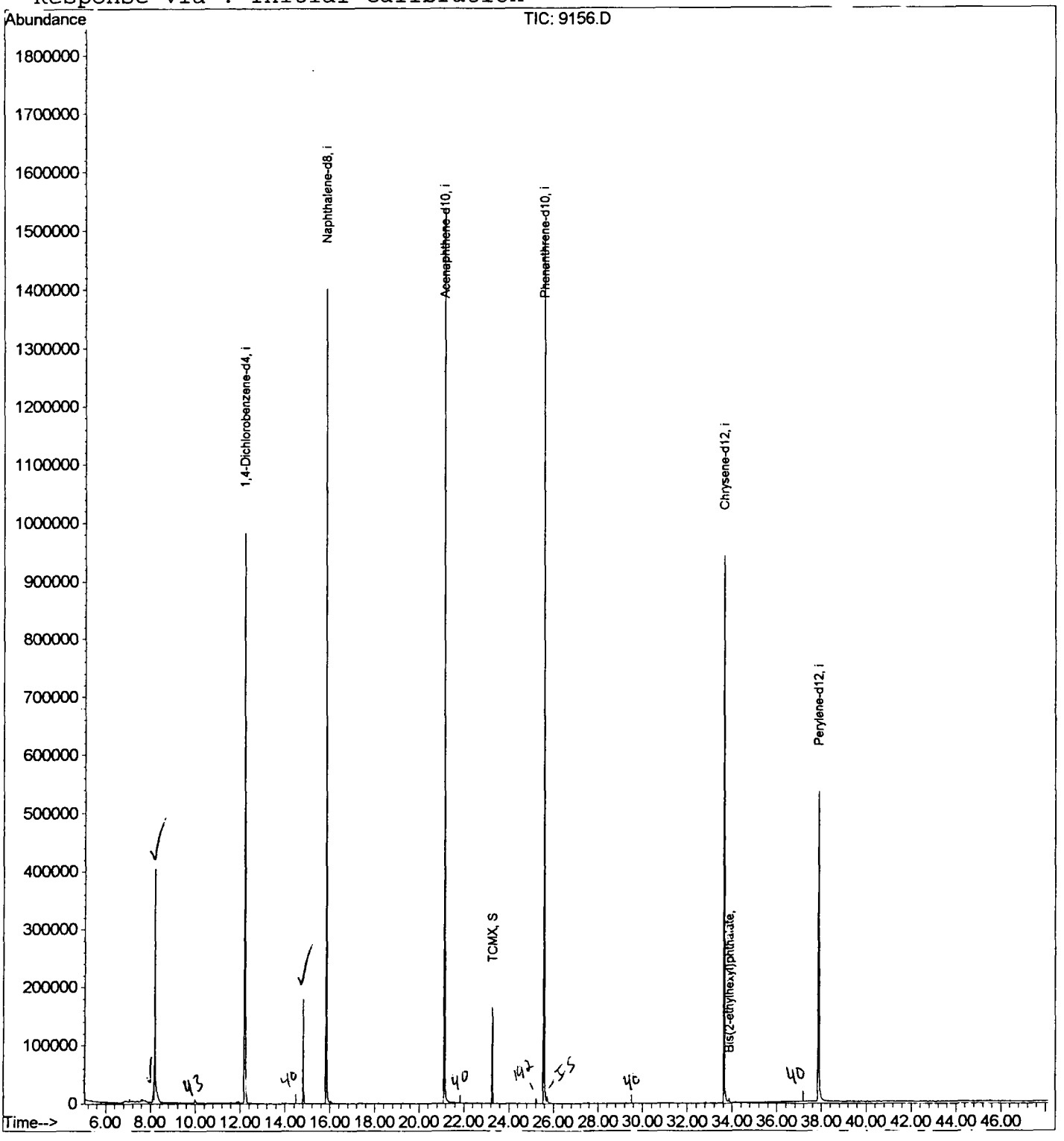
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.58	178	146	N.D.	
35) Anthracene	0.00	178	0	N.D.	
36) Di-n-butylphthalate	27.56	149	3280	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	1729	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.87	149	5052	0.26 ug/l #	90
44) Chrysene	33.65	228	1729	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	37.88	252	1959	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.	

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

Data File : C:\HPCHEM\1\DATA\APR2502\9156.D Vial: 26
Acq On : 26 Apr 2002 5:32 pm Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 11:17 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



Data File : C:\HPCHEM\1\DATA\APR2502\9156.D Vial: 26
Acq On : 26 Apr 2002 5:32 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

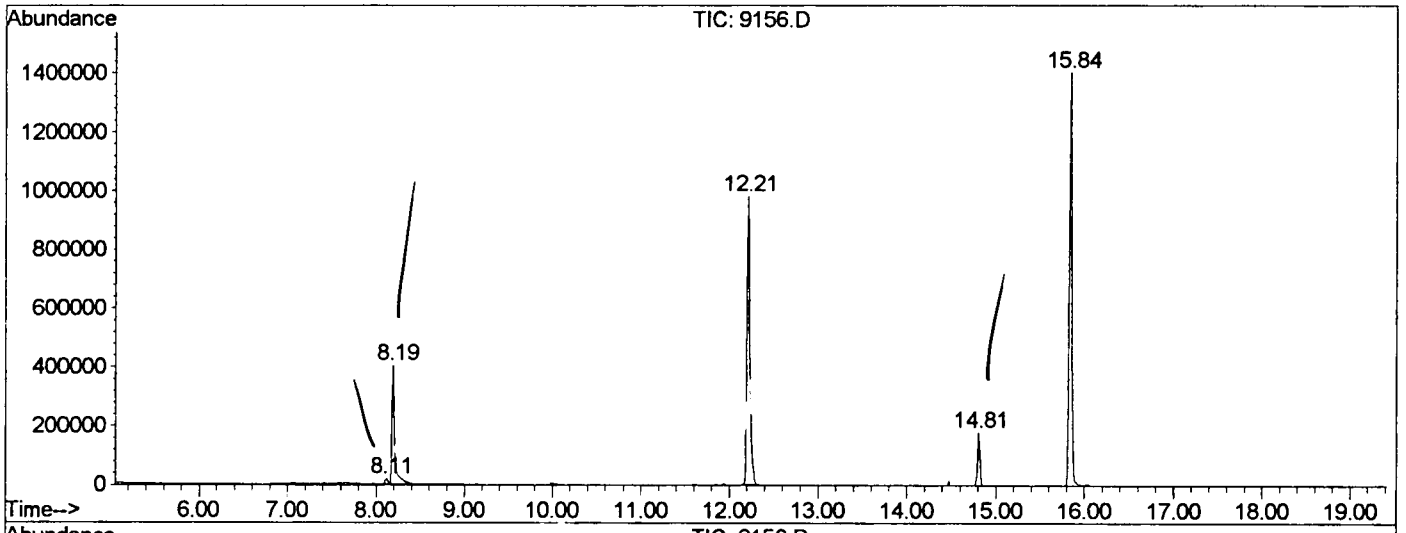
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.115	331	334	339	rBV	17247	38124	1.20%	0.229%
2	8.188	339	342	366	rVB	401803	861949	27.10%	5.187%
3	12.209	775	780	793	rVB	980758	2208819	69.44%	13.292%
4	14.807	1058	1063	1069	rBV	178871	335789	10.56%	2.021%
5	15.845	1170	1176	1191	rBV	1400196	2810880	88.37%	16.915%
6	21.142	1747	1753	1765	rBV	1538111	3180896	100.00%	19.142%
7	23.281	1980	1986	1992	rBV	165411	323953	10.18%	1.949%
8	25.585	2230	2237	2248	rBV2	1490146	3071235	96.55%	18.482%
9	33.645	3108	3115	3128	rBV2	944171	2187265	68.76%	13.162%
10	37.868	3567	3575	3591	rBV2	532604	1598641	50.26%	9.620%

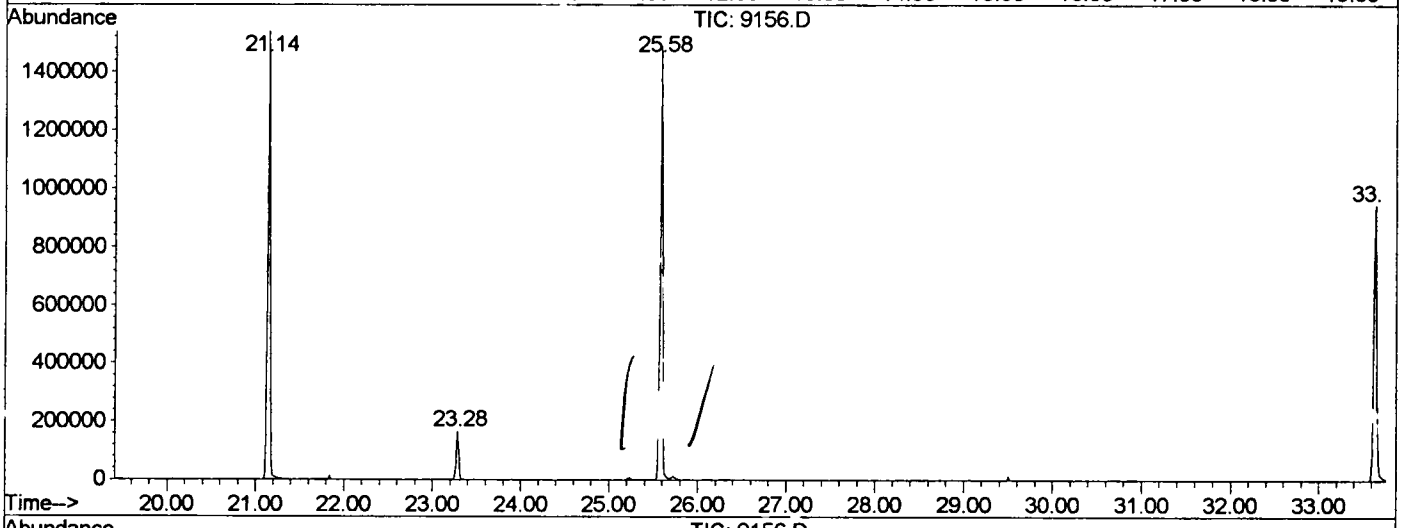
Sum of corrected areas: 16617551

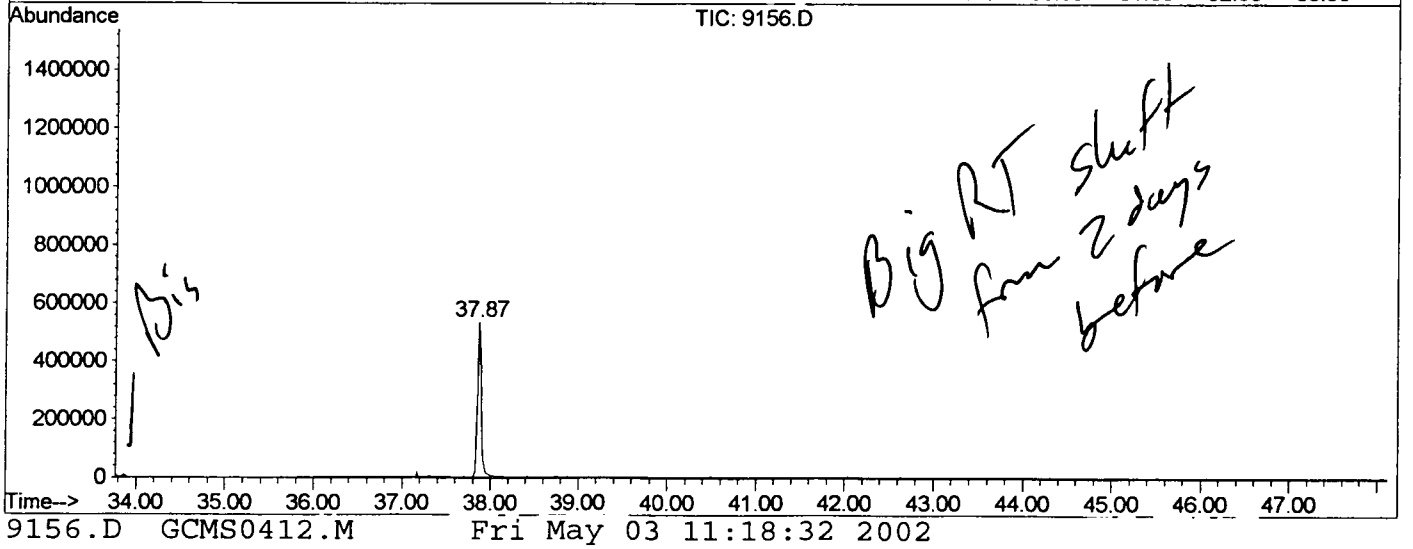
9156.D GCMS0412.M Fri May 03 11:18:32 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2502\9156.D
Operator :
Acquired : 26 Apr 2002 5:32 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: re-inject
Misc Info :
Vial Number: 26
Quant File :GCMS0412.RES (RTE Integrator)







Big RT shift from 2 days before

9156.D GCMS0412.M Fri May 03 11:18:32 2002

Data File : C:\HPCHEM\1\DATA\APR2502\9156.D Vial: 26
Acq On : 26 Apr 2002 5:32 pm Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

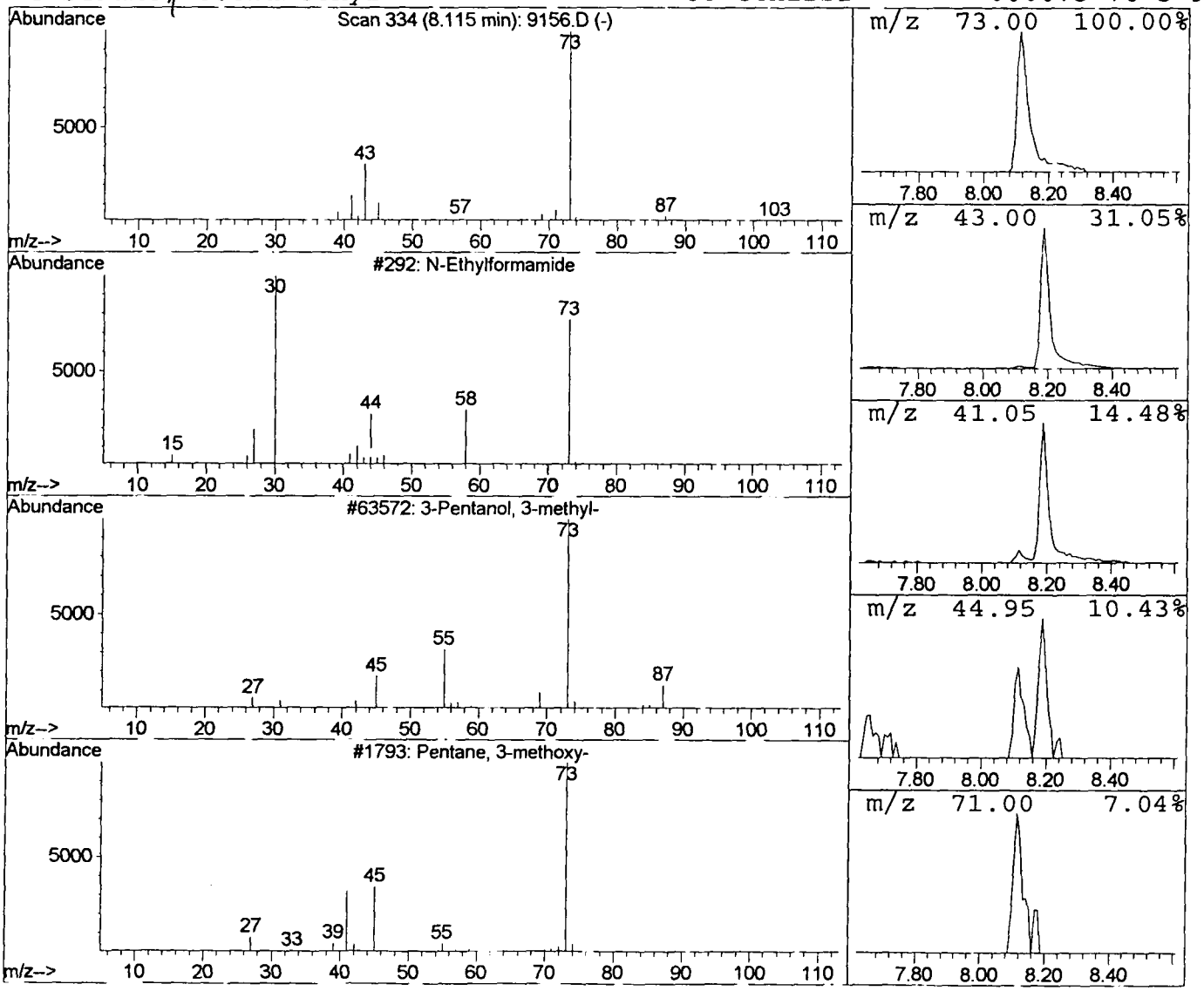
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	0.35 ug/l	38124	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Data File : C:\HPCHEM\1\DATA\APR2502\9156.D Vial: 26
Acq On : 26 Apr 2002 5:32 pm Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

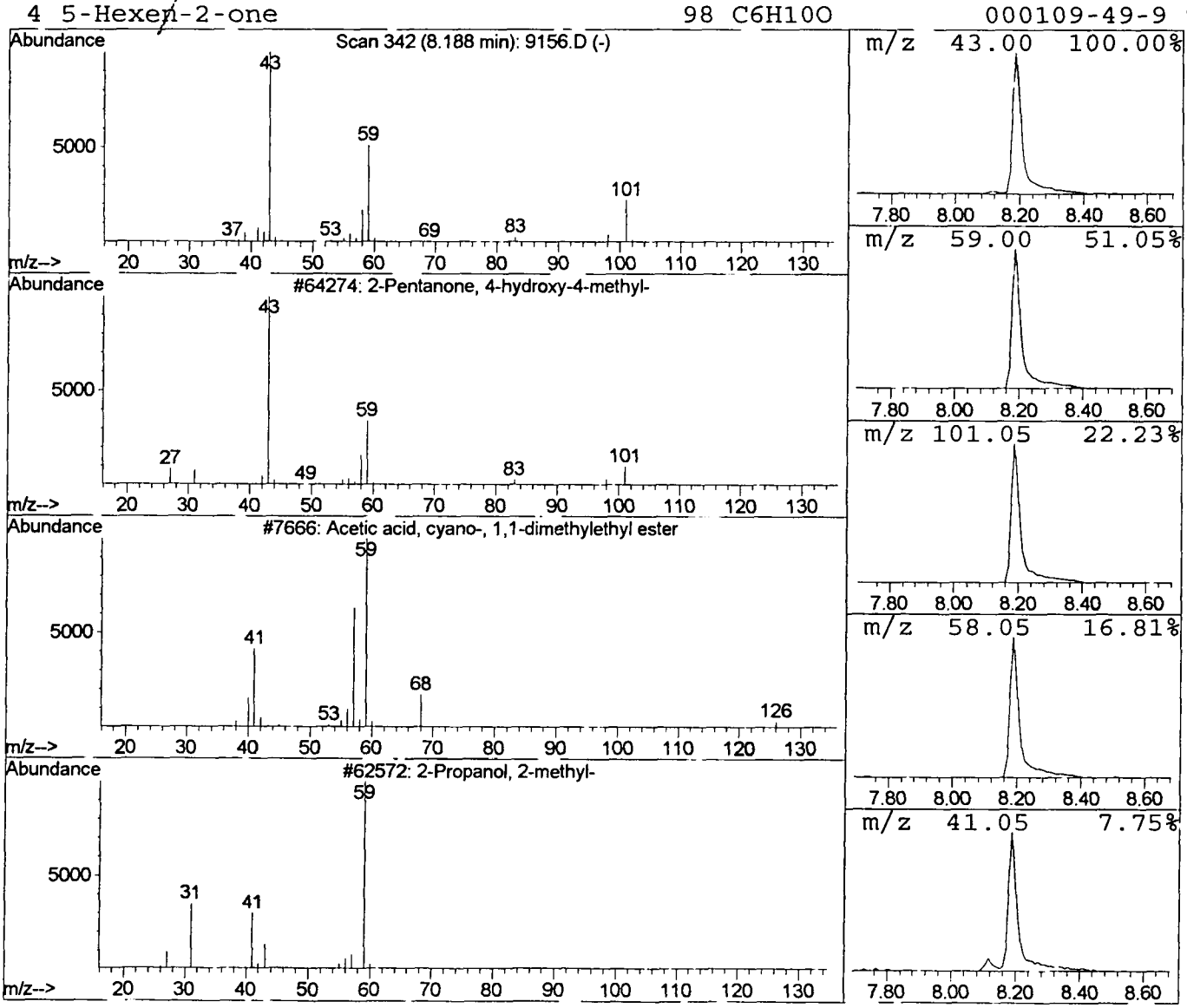
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	7.80 ug/l	861949	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	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



Data File : C:\HPCHEM\1\DATA\APR2502\9156.D Vial: 26
Acq On : 26 Apr 2002 5:32 pm Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

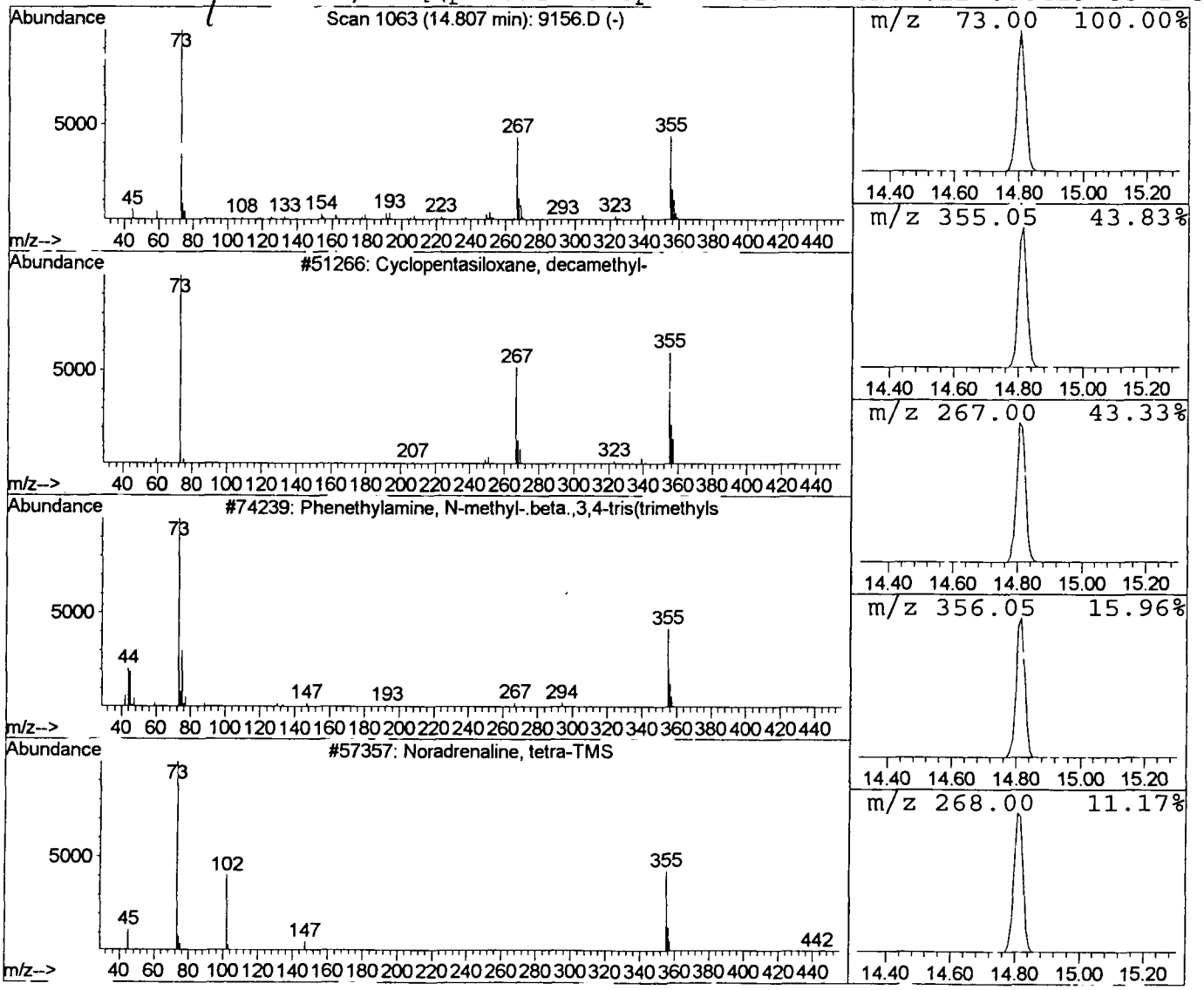
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	2.39 ug/l	335789	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	68
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
4	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	32



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Apr 2002 5:32 pm
Data File: C:\HPCHEM\1\DATA\APR2502\9156.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	38124	ISTD01	12.21	2208820	20.0
2-Pentanone, 4-hydro	8.19	7.8	ug/l	861949	ISTD01	12.21	2208820	20.0
Cyclopentasiloxane,	14.81	2.4	ug/l	335789	ISTD02	15.84	2810880	20.0

9156.D GCMS0412.M Fri May 03 11:18:36 2002