Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2502\9331.D Vial: 8
Acq On : 25 Apr 2002 7:32 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 7:43 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

original low LCS low Surr

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	589615	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	2163775	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1219063	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.59	188	1799730	20.00	ug/l	-0.03
39) Chrysene-d12	33.65	240	1203374	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	770077	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	35690	~~5.79~~ 6.36	ug/L	-0.05
Spiked Amount 10.000			Recovery =	~~57.90%~~ 64%		
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	386	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	21.47	165	176	N.D.		
25) Diethylphthalate	22.62	149	466	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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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

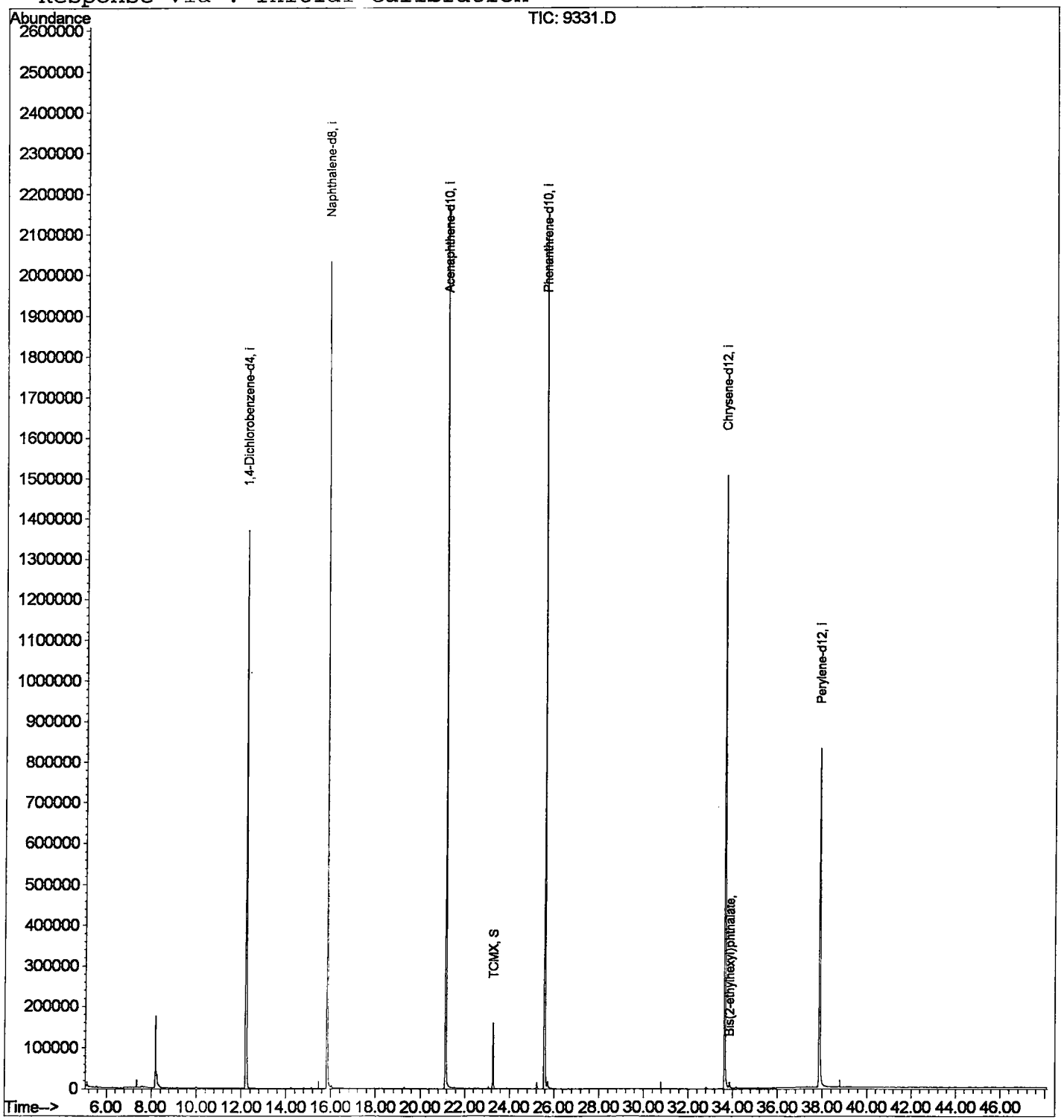
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.64	178	648	N.D.	
35) Anthracene	25.64	178	648	N.D.	
36) Di-n-butylphthalate	27.55	149	2650	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.65	228	3157	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	10519	0.35 ug/l	99
44) Chrysene	33.71	228	282	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	2919	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\APR2502\9331.D Vial: 8
Acq On : 25 Apr 2002 7:32 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 7:43 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\9331.D Vial: 8
Acq On : 25 Apr 2002 7:32 pm Operator:
Sample : gc/ms scan 4/18 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

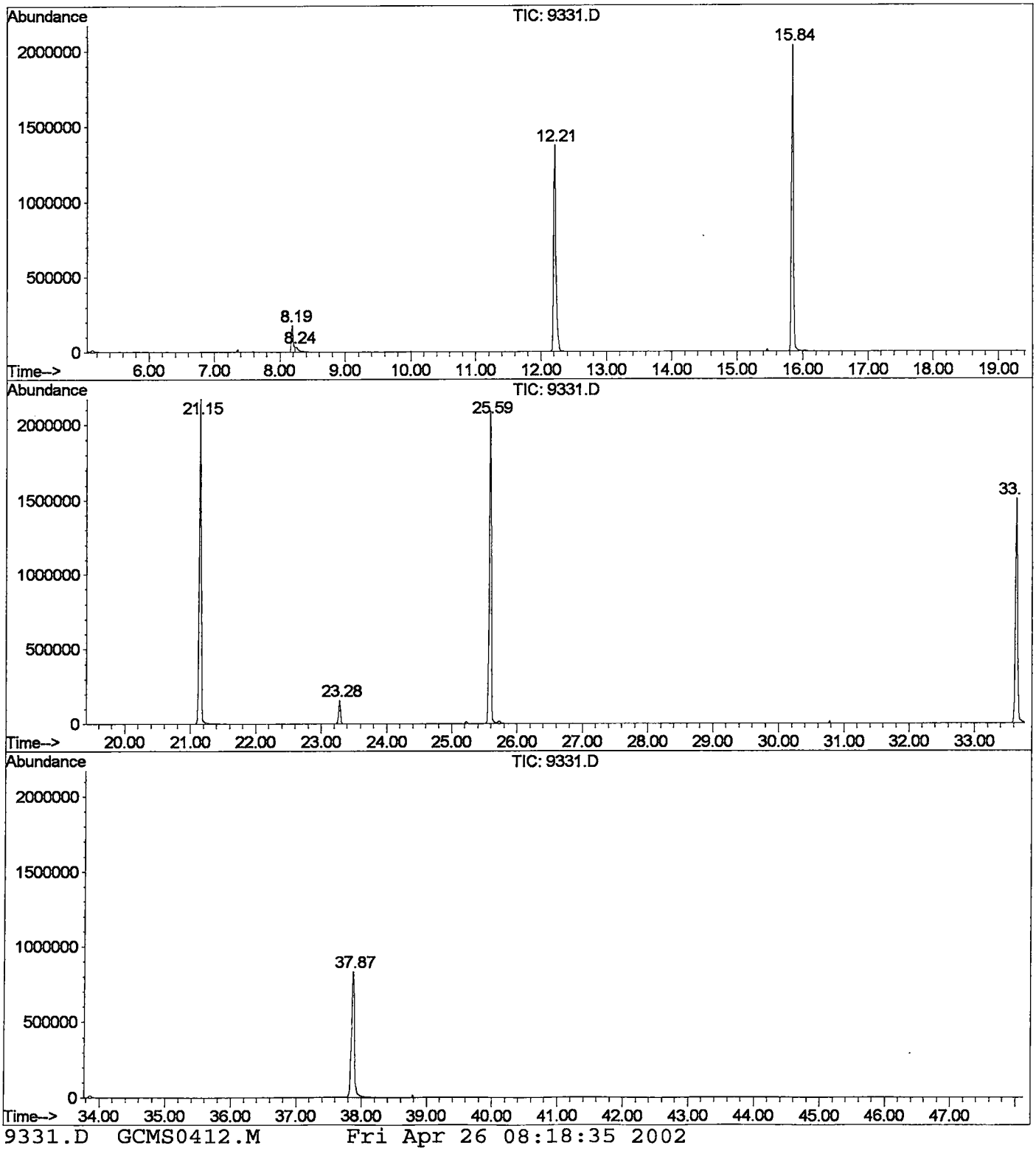
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.189	338	342	346	rBV	174632	335824	7.25%	1.446%
2	8.244	346	348	370	rVB	32749	124776	2.69%	0.537%
3	12.210	775	780	793	rBV	1369314	3172444	68.51%	13.659%
4	15.845	1170	1176	1190	rBV	2032412	4072931	87.96%	17.535%
5	21.151	1747	1754	1773	rBV	2172589	4630506	100.00%	19.936%
6	23.281	1980	1986	1991	rBV	159150	308844	6.67%	1.330%
7	25.585	2230	2237	2248	rBV2	2091002	4518364	97.58%	19.453%
8	33.646	3108	3115	3134	rBV2	1507275	3469415	74.93%	14.937%
9	37.869	3566	3575	3593	rBV2	829921	2593778	56.02%	11.167%

Sum of corrected areas: 23226882

9331.D GCMS0412.M Fri Apr 26 08:18:34 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2502\9331.D
Operator :
Acquired : 25 Apr 2002 7:32 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/18
Misc Info :
Vial Number: 8
Quant File :GCMS0412.RES (RTE Integrator)



9331.D GCMS0412.M Fri Apr 26 08:18:35 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2502\9331.D Vial: 8
Acq On : 25 Apr 2002 7:32 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

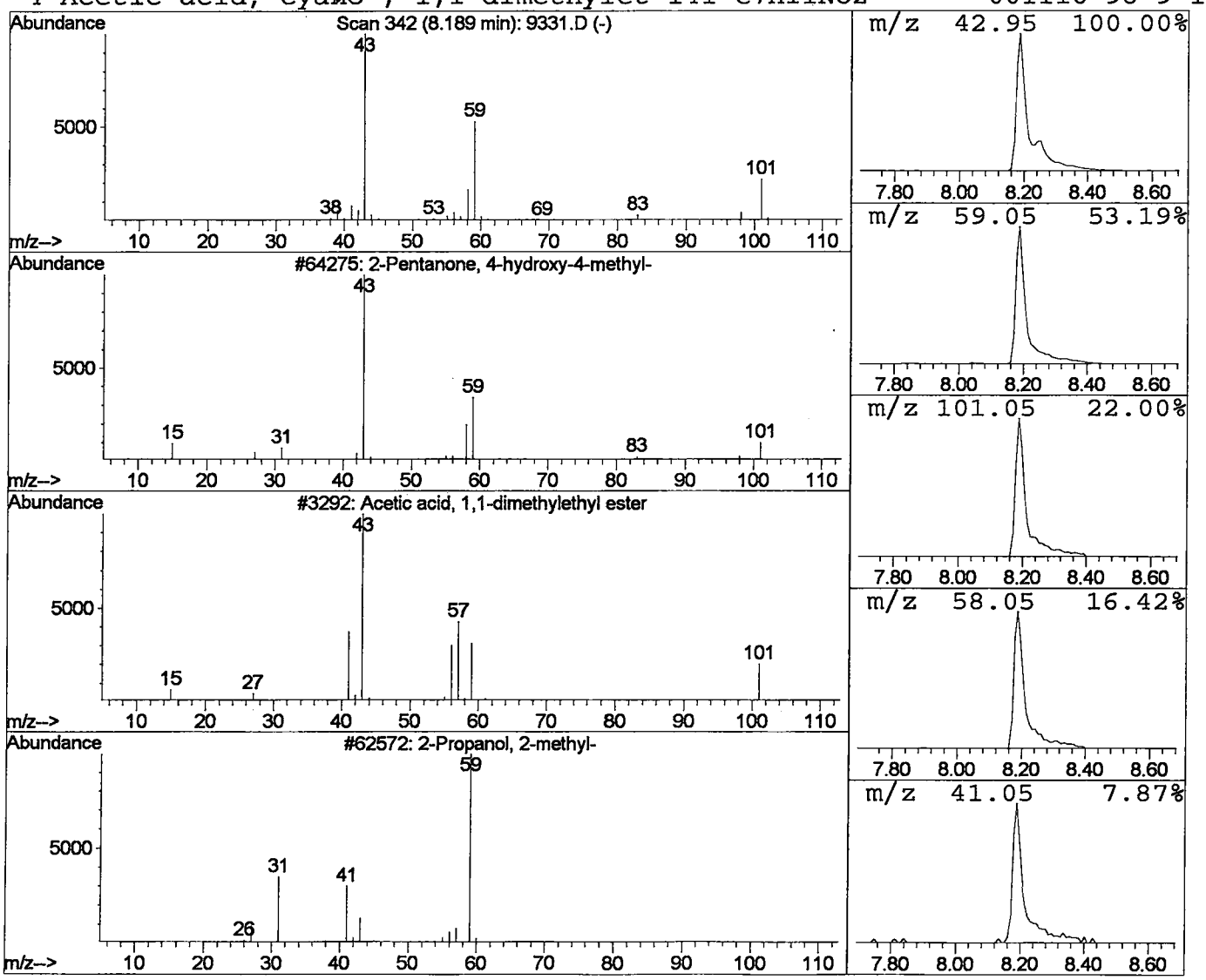
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	2.12 ug/l	335824	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	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2502\9331.D Vial: 8
Acq On : 25 Apr 2002 7:32 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

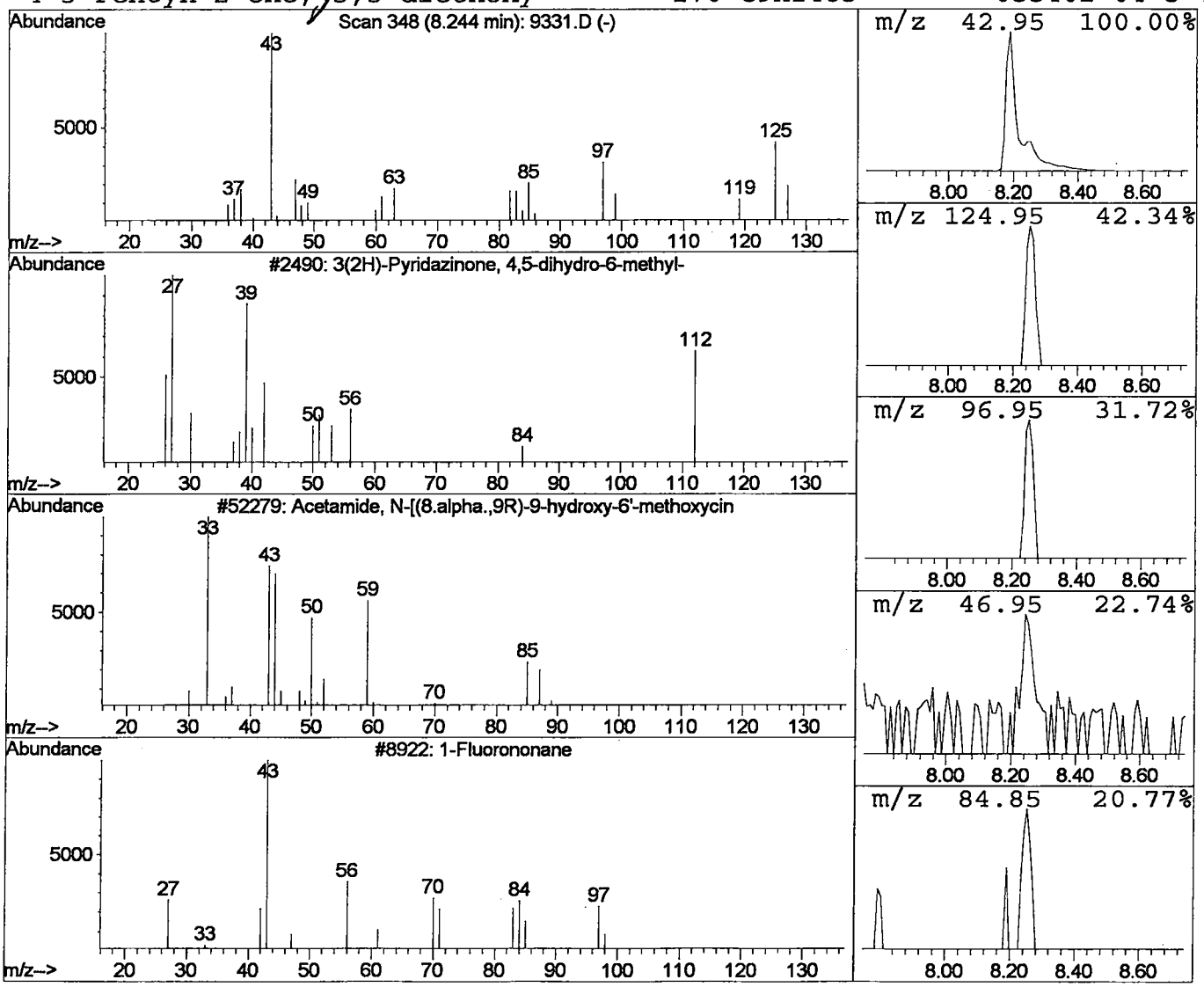
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3(2H)-Pyridazinone, 4,5-dihydr Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	0.79 ug/l	124776	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(2H)-Pyridazinone, 4,5-dihydro-6-m	112	C5H8N2O	005157-08-4	10
2	Acetamide, N-[(8.alpha.,9R)-9-hydro	381	C22H27N3O3	056847-12-2	9
3	1-Fluorononane	146	C9H19F	000463-18-3	9
4	3-Pentyn-2-one, 5,5-diethoxy-	170	C9H14O3	055402-04-5	4



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Apr 2002 7:32 pm
Data File: C:\HPCHEM\1\DATA\APR2502\9331.D
Name: gc/ms scan 4/18
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
2-Pentanone, 4-hydro	8.19	2.1	ug/l	335824	ISTD01	12.21	3172440	20.0
3(2H)-Pyridazinone,	8.24	0.8	ug/l	124776	ISTD01	12.21	3172440	20.0

9331.D GCMS0412.M Fri Apr 26 08:18:37 2002