User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/30/2002 Time: 11:36:00

Sample: AE09020
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/30/02 11:34 Ended: 4/30/02 11:34 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		10.0

Comments for Sample AE09020 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-30-2002 Time: 11:36:30

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

Data File : C:\HPCHEM\1\DATA\APR2502\9020.D Vial: 18
Acq On : 26 Apr 2002 5:07 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 9:33 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	442585	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1601698	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.14	164	887782	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1305579	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	840701	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	517699	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	35474	7.90	ug/L	-0.05
Spiked Amount 10.000			Recovery = 79.00%			
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	15.89	128	404	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	22.62	149	906	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	25.58	178	324	N.D.	
35)	Anthracene	25.58	178	324	N.D.	
36)	Di-n-butylphthalate	27.55	149	2802	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	2024	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	2176	N.D.	
44)	Chrysene	33.71	228	677	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	36.78	252	171	N.D.	
48)	Benzo(k)fluoranthene	36.78	252	171	N.D.	
49)	Benzo(a)pyrene	37.87	252	1932	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.	

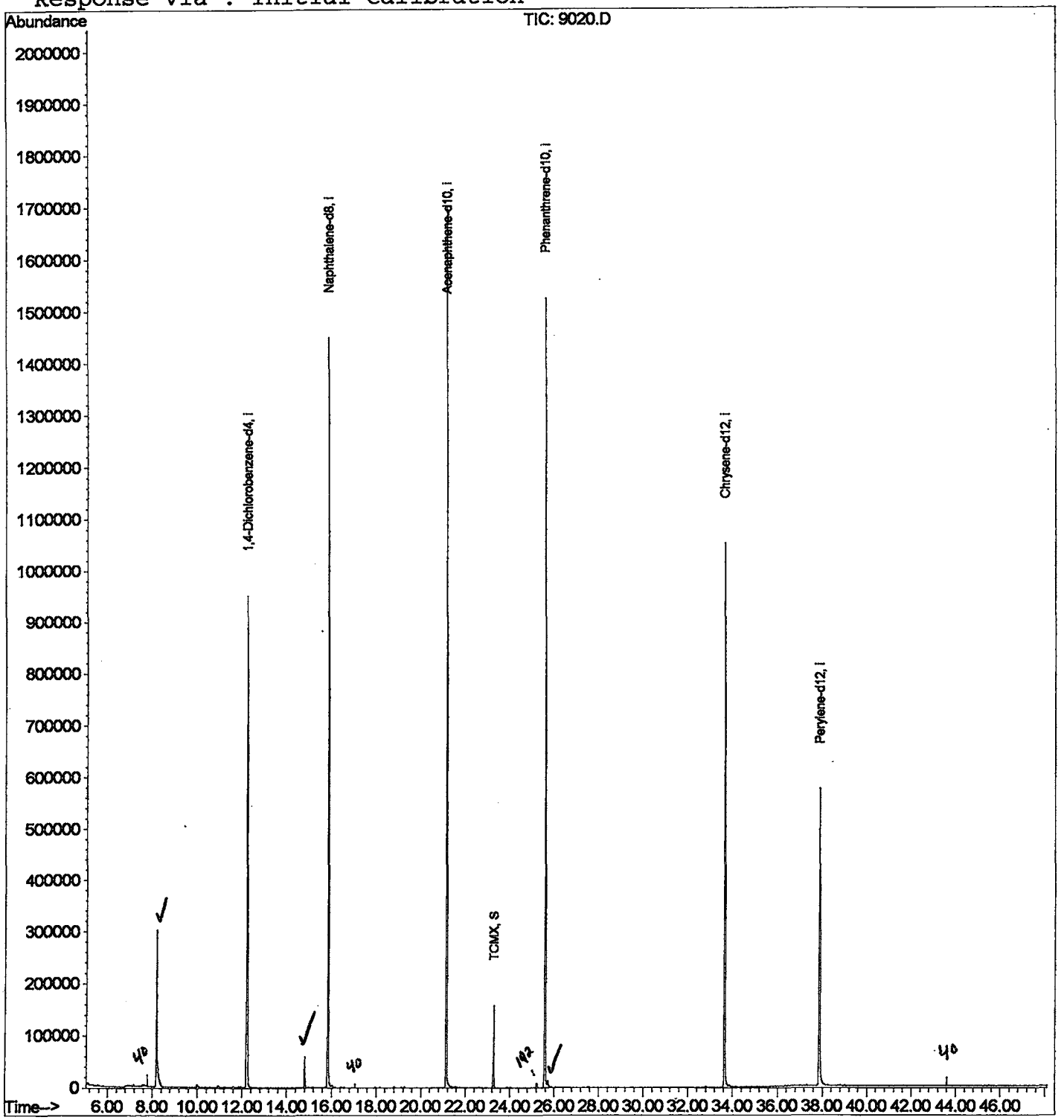
(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\APR2502\9020.D
Acq On : 26 Apr 2002 5:07 am
Sample : re-inject
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 26 9:33 2002

Vial: 18
Operator:
Inst : 209
Multiplr: 1.00

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\9020.D Vial: 18
Acq On : 26 Apr 2002 5:07 am 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

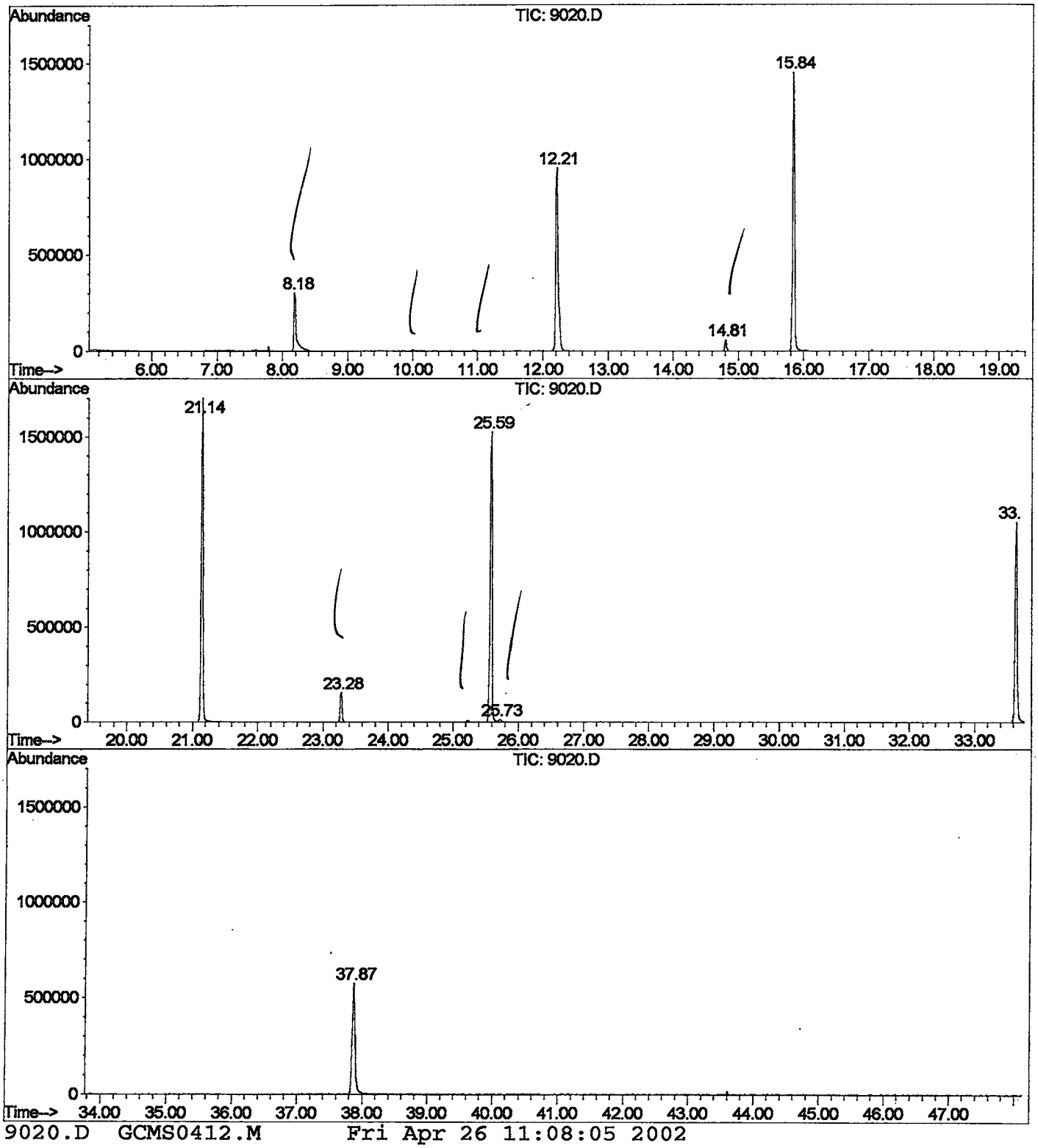
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.182	339	342	367	rBV	300983	758661	22.37%	4.343%
2	12.212	772	781	796	rBV	951954	2392738	70.56%	13.696%
3	14.810	1058	1064	1069	rBV	59335	108708	3.21%	0.622%
4	15.838	1170	1176	1190	rBV	1449818	3026234	89.24%	17.322%
5	21.145	1748	1754	1772	rBV	1703165	3391020	100.00%	19.411%
6	23.284	1980	1987	1992	rBV	157698	314878	9.29%	1.802%
7	25.588	2231	2238	2249	rBV2	1524837	3293856	97.13%	18.854%
8	25.726	2249	2253	2260	rVB	12462	34566	1.02%	0.198%
9	33.639	3108	3115	3132	rBV2	1051393	2423070	71.46%	13.870%
10	37.871	3568	3576	3593	rBV2	572025	1726280	50.91%	9.881%

Sum of corrected areas: 17470011

9020.D GCMS0412.M Fri Apr 26 11:08:05 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2502\9020.D
Operator :
Acquired : 26 Apr 2002 5:07 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: re-inject
Misc Info :
Vial Number: 18
Quant File :GCMS0412.RES (RTE Integrator)



9020.D GCMS0412.M Fri Apr 26 11:08:05 2002

Data File : C:\HPCHEM\1\DATA\APR2502\9020.D Vial: 18
Acq On : 26 Apr 2002 5:07 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

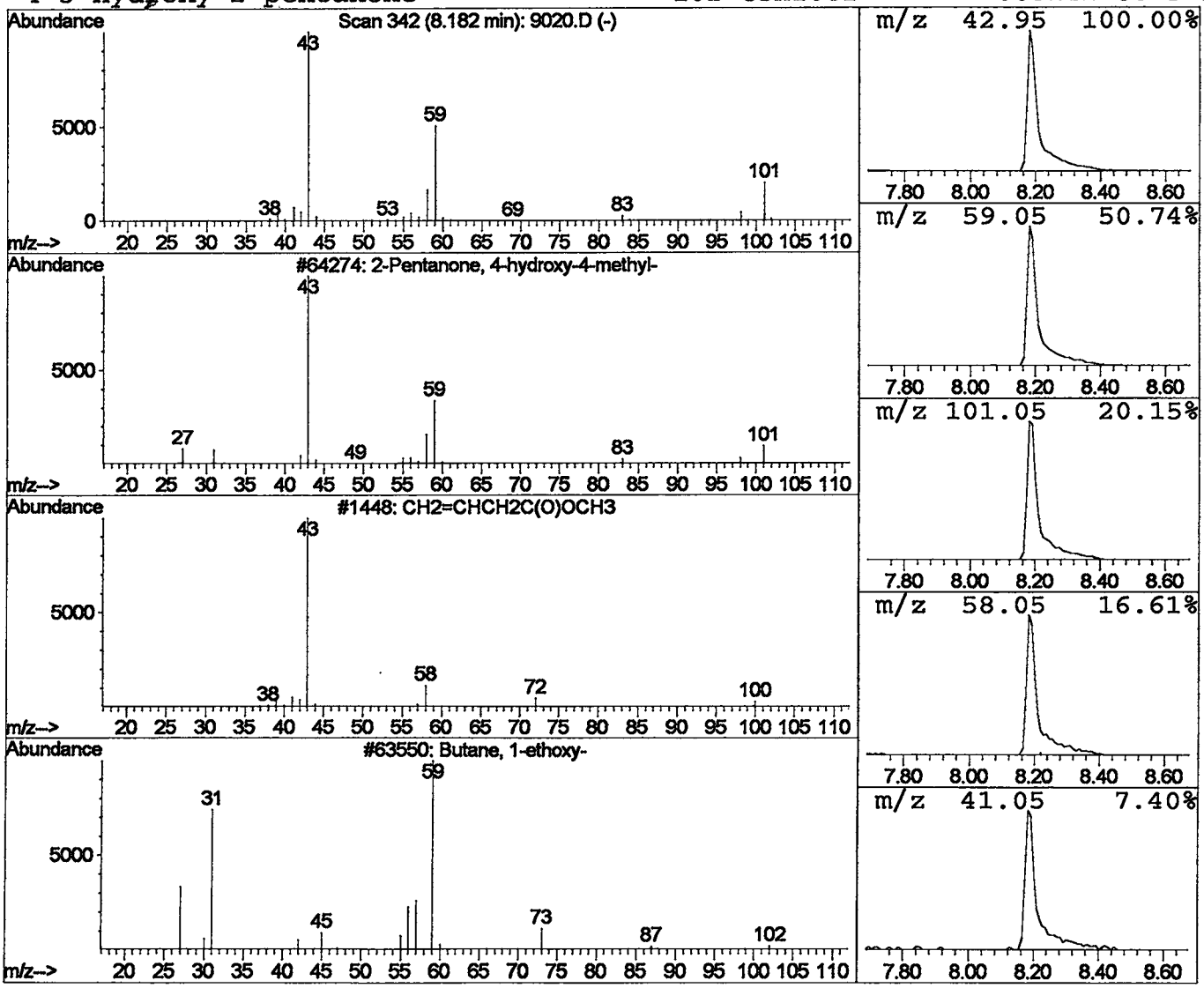
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	6.34 ug/l	758661	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	56
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Data File : C:\HPCHEM\1\DATA\APR2502\9020.D Vial: 18
Acq On : 26 Apr 2002 5:07 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

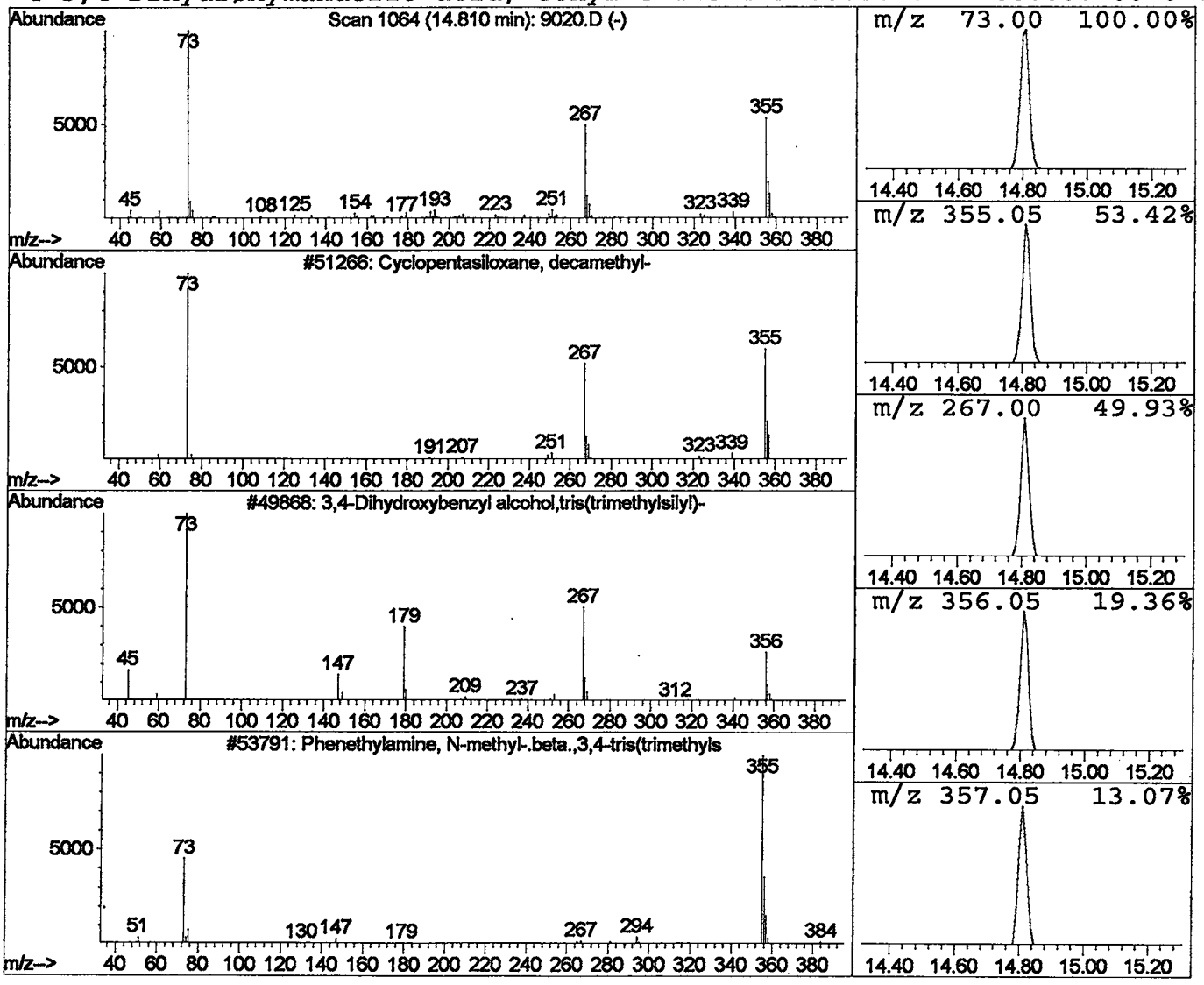
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.72 ug/l	108708	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	58
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	47
4	3,4-Dihydroxymandelic acid, ethyl e	428	C19H36O5Si3	000000-00-0	40



Data File : C:\HPCHEM\1\DATA\APR2502\9020.D Vial: 18
Acq On : 26 Apr 2002 5:07 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

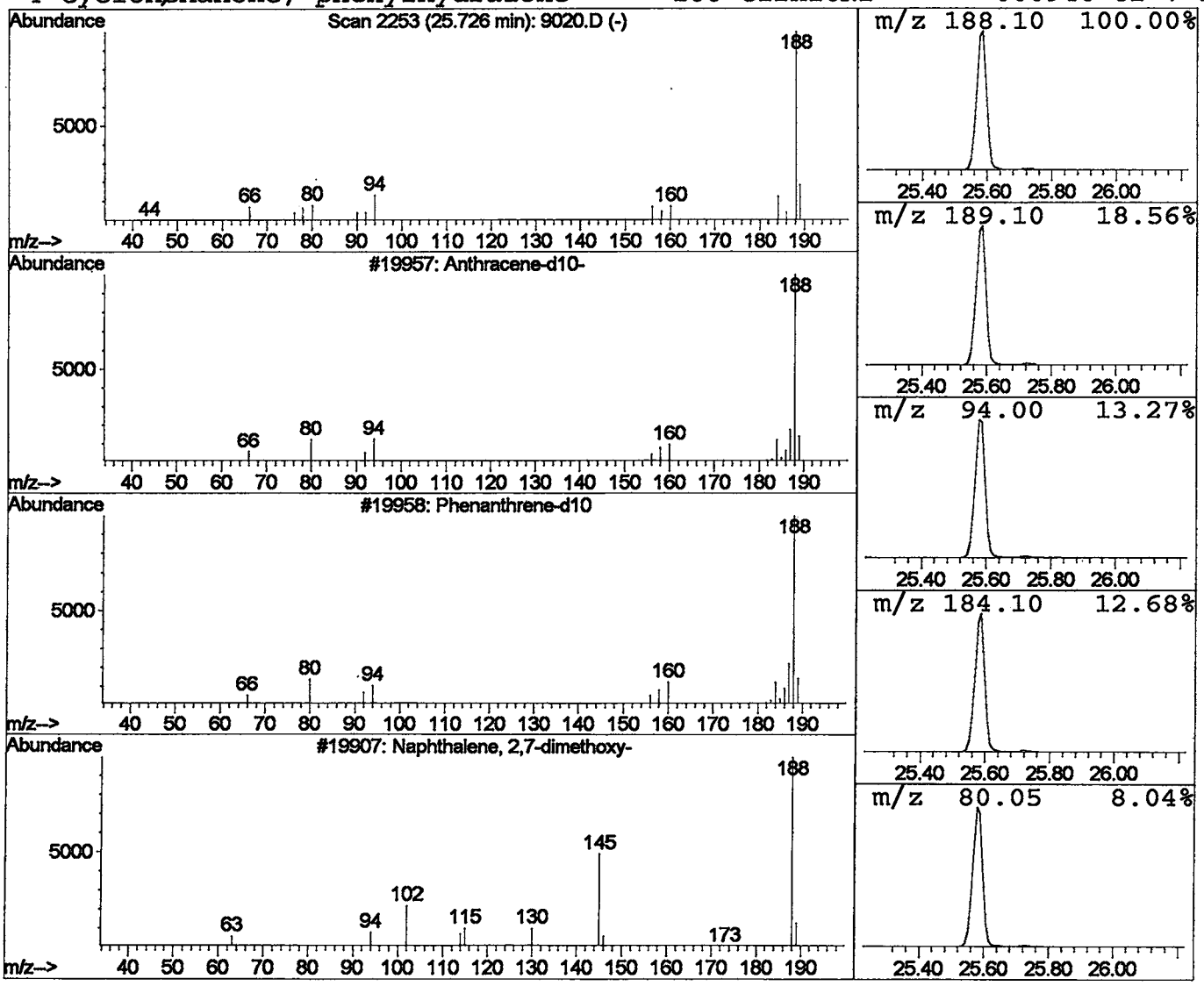
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.73	0.21 ug/l	34566	Phenanthrene-d10	25.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	50
2	Phenanthrene-d10	188	C14D10	001517-22-2	39
3	Naphthalene, 2,7-dimethoxy-	188	C12H12O2	003469-26-9	9
4	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Apr 2002 5:07 am
Data File: C:\HPCHEM\1\DATA\APR2502\9020.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
2-Pentanone, 4-hydro	8.18	6.3	ug/l	758661	ISTD01	12.21	2392740	20.0
Cyclopentasiloxane,	14.81	0.7	ug/l	108708	ISTD02	15.84	3026230	20.0
Anthracene-d10-	25.73	0.2	ug/l	34566	ISTD04	25.59	3293860	20.0

9020.D GCMS0412.M Fri Apr 26 11:08:08 2002