User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/24/2002 Time: 09:10:12

Sample: AE08015
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/24/02 09:09 Ended: 4/24/02 09:09 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		10.0

Comments for Sample AE08015 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-24-2002 Time: 09:10:41

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\APR1102\8015.D Vial: 21
Acq On : 12 Apr 2002 10:03 am Operator:
Sample : gc/ms scan 4/4 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 11:59 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 11:47:07 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0408

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.23	152	455020	20.00	ug/l	-0.01
10) Naphthalene-d8	15.86	136	1642001m	20.00	ug/l	-0.01
17) Acenaphthene-d10	21.17	164	916227	20.00	ug/l	0.00
30) Phenanthrene-d10	25.60	188	1309509	20.00	ug/l	-0.01
39) Chrysene-d12	33.66	240	738778	20.00	ug/l	-0.01
45) Perylene-d12	37.90	264	451232	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.31	209	37509	7.61	ug/L	-0.02
Spiked Amount 10.000			Recovery = 76.10%			
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	15.91	128	101	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	0.00	149	0	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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Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 11:47:07 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0408

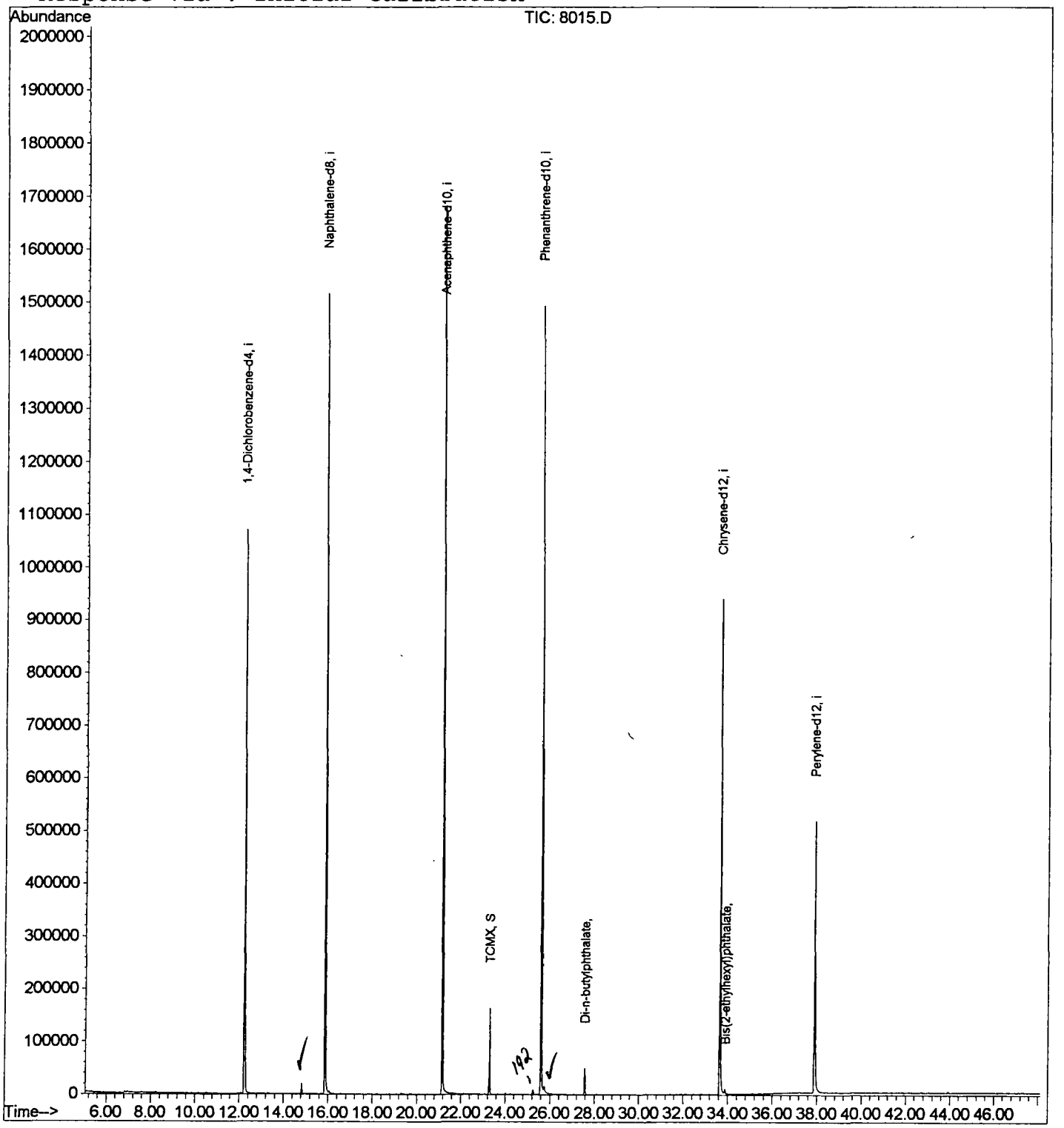
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.60	178	306	N.D.	
35)	Anthracene	25.60	178	306	N.D.	
36)	Di-n-butylphthalate	27.58	149	61076	1.44 ug/l	99
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	32.10	149	429	N.D.	
42)	Benzo(a)anthracene	33.66	228	1735	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.88	149	6567	0.35 ug/l	94
44)	Chrysene	33.66	228	1735	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	36.78	252	604	N.D.	
48)	Benzo(k)fluoranthene	36.78	252	604	N.D.	
49)	Benzo(a)pyrene	37.70	252	199	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\APR1102\8015.D Vial: 21
Acq On : 12 Apr 2002 10:03 am Operator:
Sample : gc/ms scan 4/4 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 11:59 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 11:47:07 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1102\8015.D Vial: 21
Acq On : 12 Apr 2002 10:03 am Operator:
Sample : gc/ms scan 4/4 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

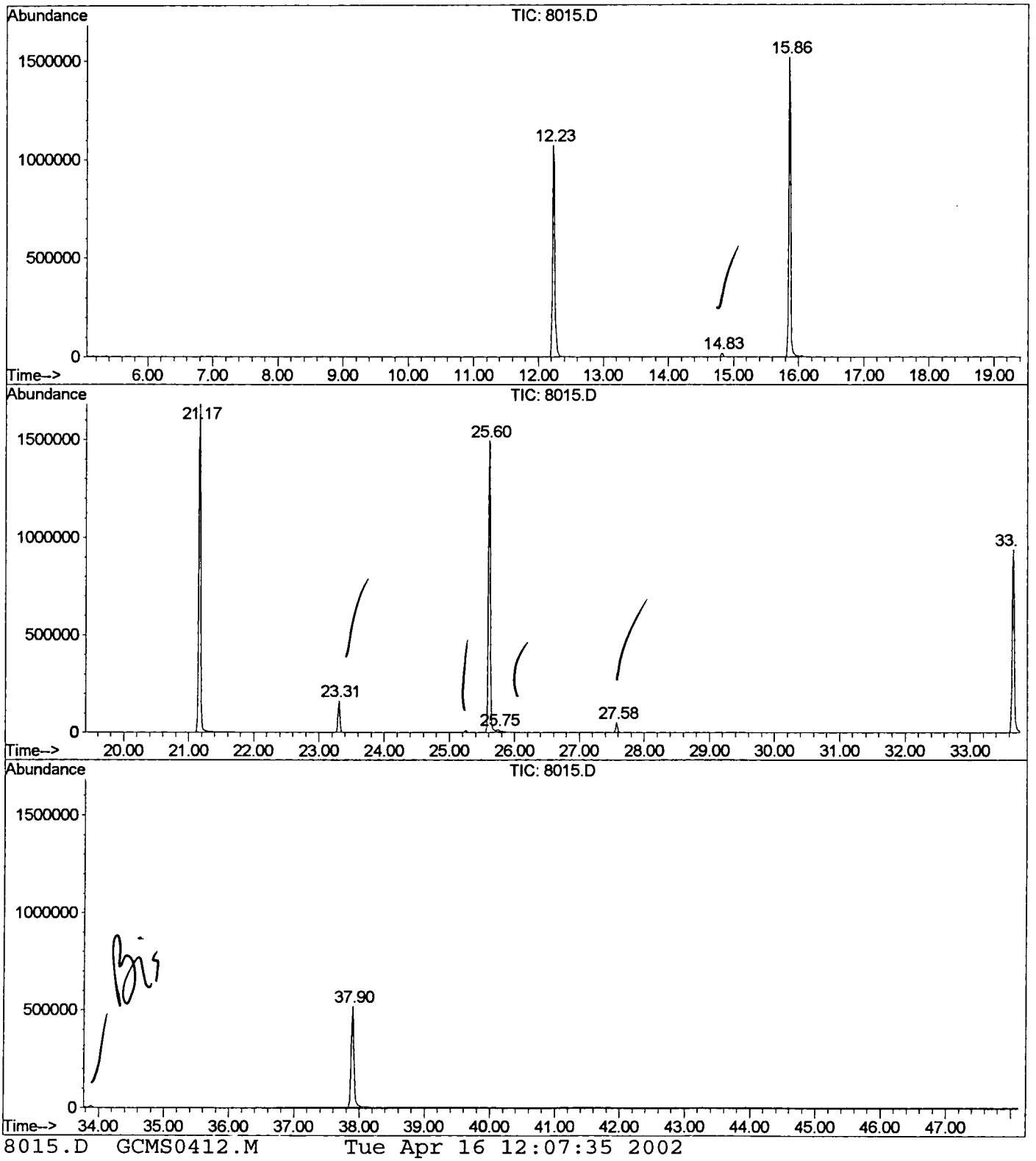
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.228	777	782	801	rBV	1071031	2477951	69.98%	14.778%
2	14.826	1059	1065	1070	rBV	19652	38477	1.09%	0.229%
3	15.863	1172	1178	1194	rBV	1515960	3149885	88.96%	18.785%
4	21.169	1749	1756	1775	rBV	1681456	3540815	100.00%	21.117%
5	23.308	1981	1989	1995	rVB	164377	332090	9.38%	1.981%
6	25.603	2233	2239	2251	rBV2	1492938	3359016	94.87%	20.033%
7	25.750	2251	2255	2264	rVB	11704	38997	1.10%	0.233%
8	27.577	2449	2454	2462	rBV	50160	97542	2.75%	0.582%
9	33.664	3108	3117	3133	rBV	940231	2169634	61.27%	12.939%
10	37.896	3570	3578	3595	rBV2	514872	1563344	44.15%	9.324%

Sum of corrected areas: 16767751

8015.D GCMS0412.M Tue Apr 16 12:07:34 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1102\8015.D
Operator :
Acquired : 12 Apr 2002 10:03 am using AcqMethod GCMS0408
Instrument : 209
Sample Name: gc/ms scan 4/4
Misc Info :
Vial Number: 21
Quant File :GCMS0412.RES (RTE Integrator)



8015.D GCMS0412.M Tue Apr 16 12:07:35 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1102\8015.D Vial: 21
Acq On : 12 Apr 2002 10:03 am Operator:
Sample : gc/ms scan 4/4 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

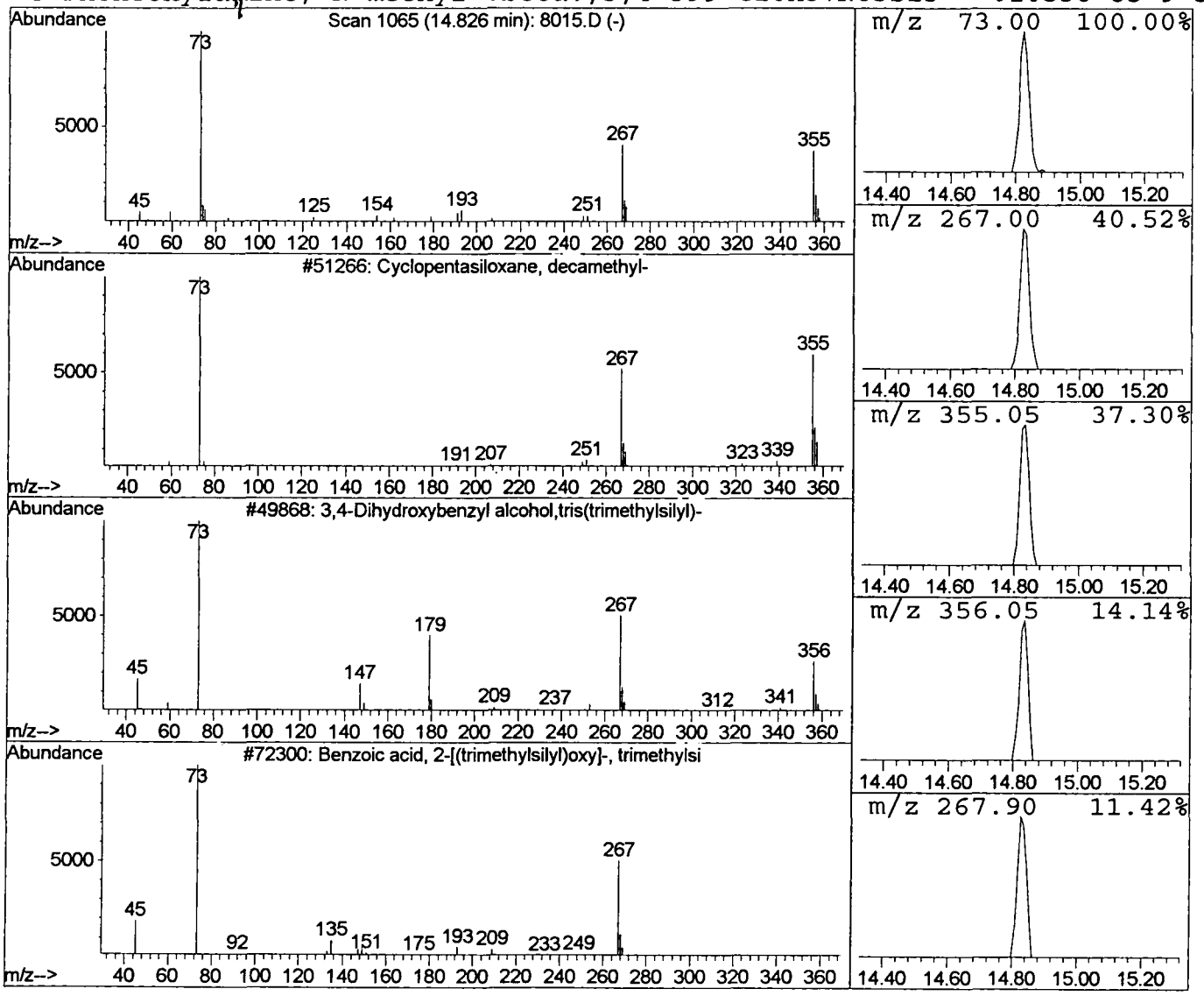
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	0.24 ug/l	38477	Naphthalene-d8	15.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	40
3	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	33
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	32



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1102\8015.D Vial: 21
Acq On : 12 Apr 2002 10:03 am Operator:
Sample : gc/ms scan 4/4 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

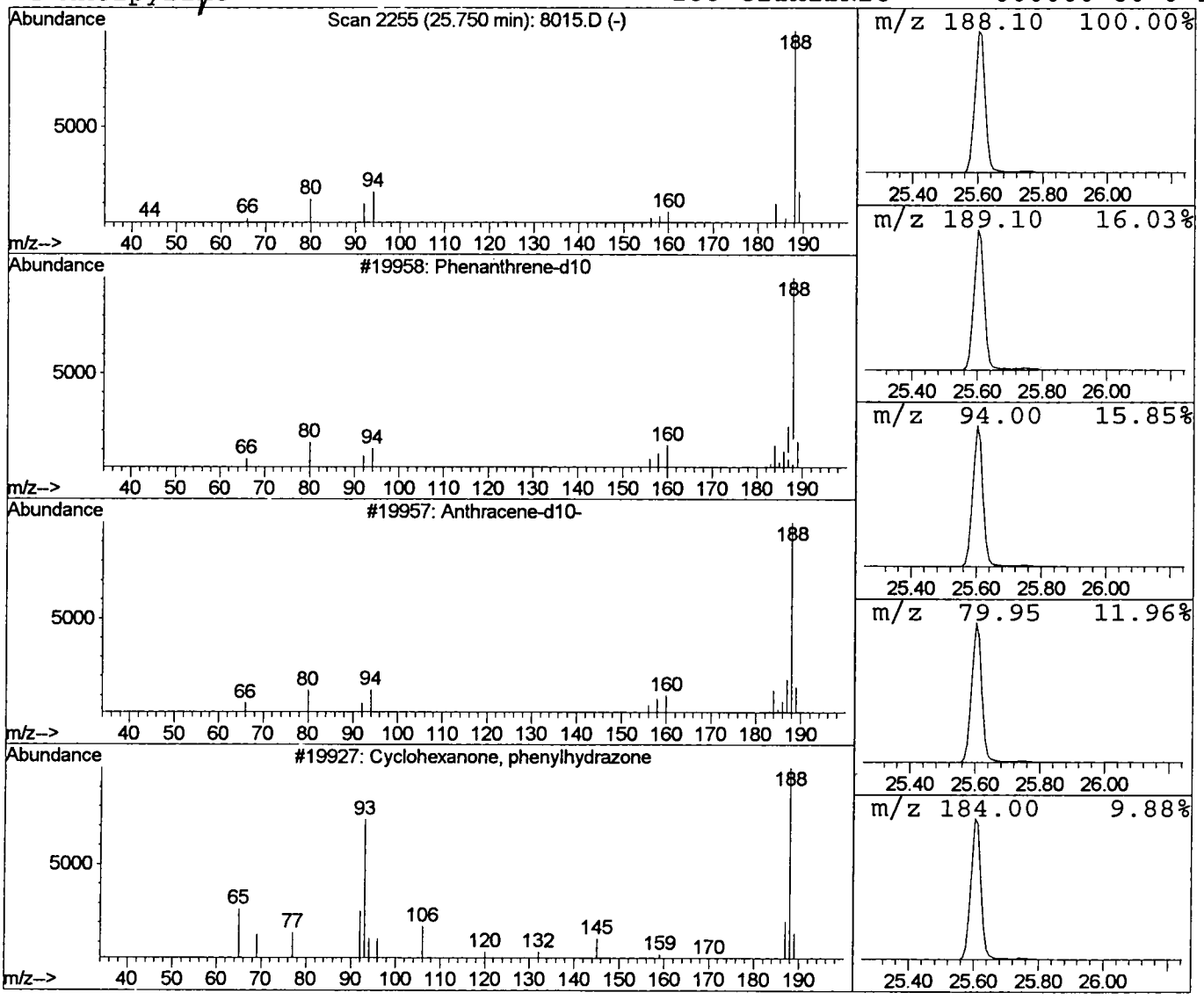
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.75	0.23 ug/l	38997	Phenanthrene-d10	25.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	83
2	Anthracene-d10-	188	C14D10	001719-06-8	56
3	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	9
4	Antipyrine	188	C11H12N2O	000060-80-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 12 Apr 2002 10:03 am
Data File: C:\HPCHEM\1\DATA\APR1102\8015.D
Name: gc/ms scan 4/4
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
Cyclopentasiloxane,	14.83	0.2	ug/l	38477	ISTD02	15.86	3149890	20.0
Phenanthrene-d10	25.75	0.2	ug/l	38997	ISTD04	25.60	3359020	20.0

8015.D GCMS0412.M Tue Apr 16 12:07:37 2002