Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\7484.D Vial: 17
Acq On : 20 Apr 2002 9:11 am Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 12:20 2002 Quant Results File: GCMS0419.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 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	455517	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1654240	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	940423	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1388176	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	983656	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	678880	20.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	23.29	209	37342	4.76	ug/L	-0.04
Spiked Amount 4.000			Recovery = 119.00%			
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	12.11	146	259	N.D.		
5) 1,4-Dichlorobenzene	12.26	146	424	N.D.		
6) 1,2-Dichlorobenzene	12.77	146	241	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	13.62	117	181	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	15.74	180	200	N.D.		
15) Naphthalene	15.90	128	707	N.D.		
16) Hexachlorobutadiene	16.45	225	321	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.41	162	109	N.D.		
20) Dimethylphthalate	20.50	163	250	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.68	152	110	N.D.		
23) Acenaphthene	21.23	153	241	N.D.		
24) 2,4-Dinitrotoluene	21.39	165	175	N.D.		
25) Diethylphthalate	22.63	149	1651	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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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 12:20 2002 Quant Results File: GCMS0419.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

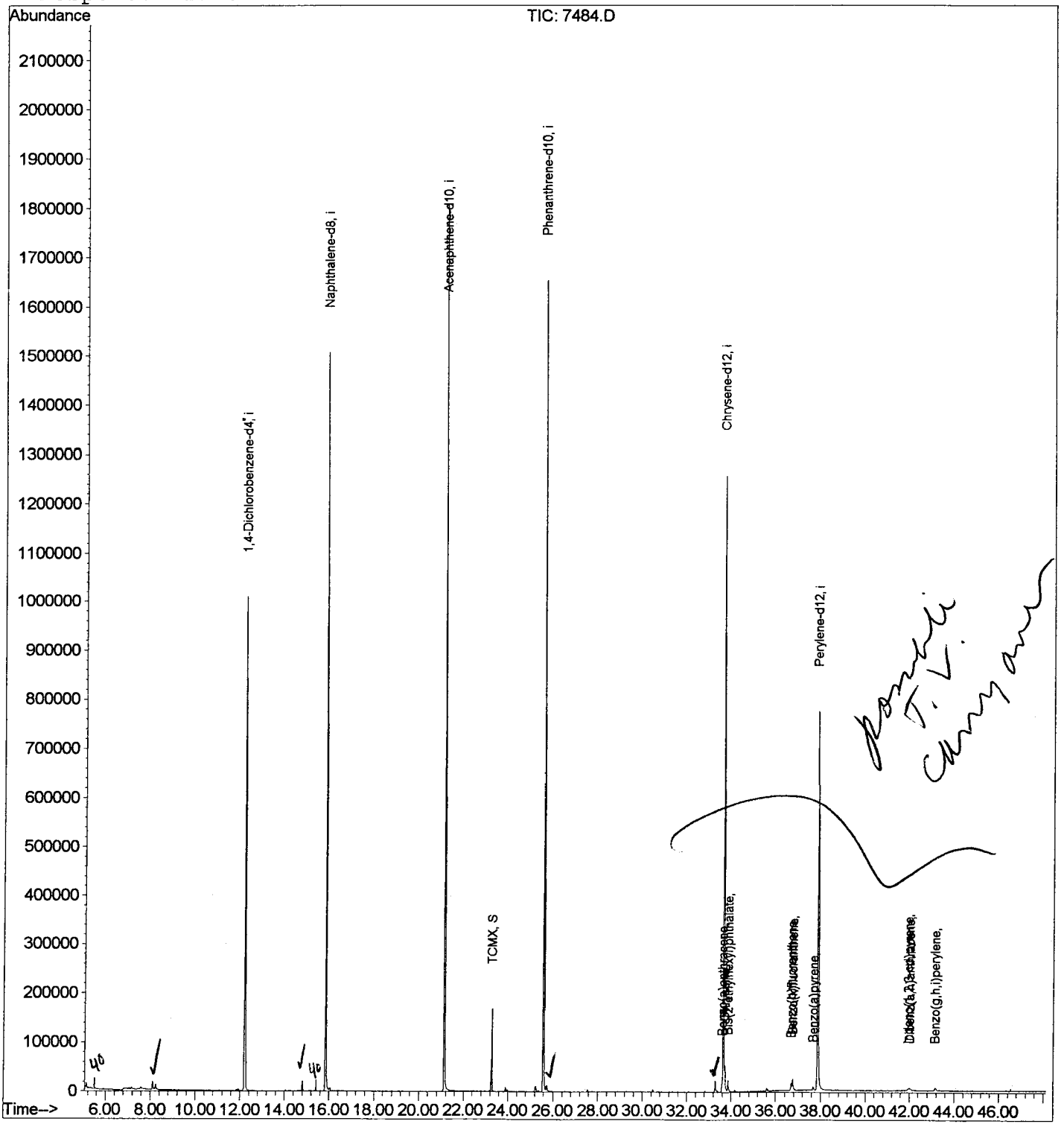
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.		
34)	Phenanthrene	25.65	178	1246	N.D.		
35)	Anthracene	25.78	178	1132	N.D.		
36)	Di-n-butylphthalate	27.55	149	6279	N.D.		
37)	Fluoranthene	29.27	202	1466	N.D.		
40)	Pyrene	29.95	202	1304	N.D.		
41)	Butylbenzylphthalate	32.08	149	1572	N.D.		
42)	Benzo(a)anthracene	33.59	228	18498	0.67 ug/l		97
43)	Bis(2-ethylhexyl)phthalate	33.86	149	16416	0.66 ug/l		98
44)	Chrysene	33.71	228	36538	1.34 ug/l		99
46)	Di-n-Octylphthalate	35.60	149	9510	N.D.		
47)	Benzo(b)fluoranthene	36.69	252	18024	0.70 ug/l		99
48)	Benzo(k)fluoranthene	36.75	252	29930	1.19 ug/l		94
49)	Benzo(a)pyrene	37.68	252	8956	0.42 ug/l	#	87
50)	Indeno(1,2,3-cd)pyrene	41.95	276	11507	0.53 ug/l		95
51)	Dibenz(a,h)anthracene	42.02	278	9121	0.56 ug/l	#	87
52)	Benzo(g,h,i)perylene	43.17	276	11862	0.66 ug/l		95

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1802\7484.D Vial: 17
Acq On : 20 Apr 2002 9:11 am Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 12:20 2002 Quant Results File: GCMS0419.RES

Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1802\7484.D Vial: 17
Acq On : 20 Apr 2002 9:11 am Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0419.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

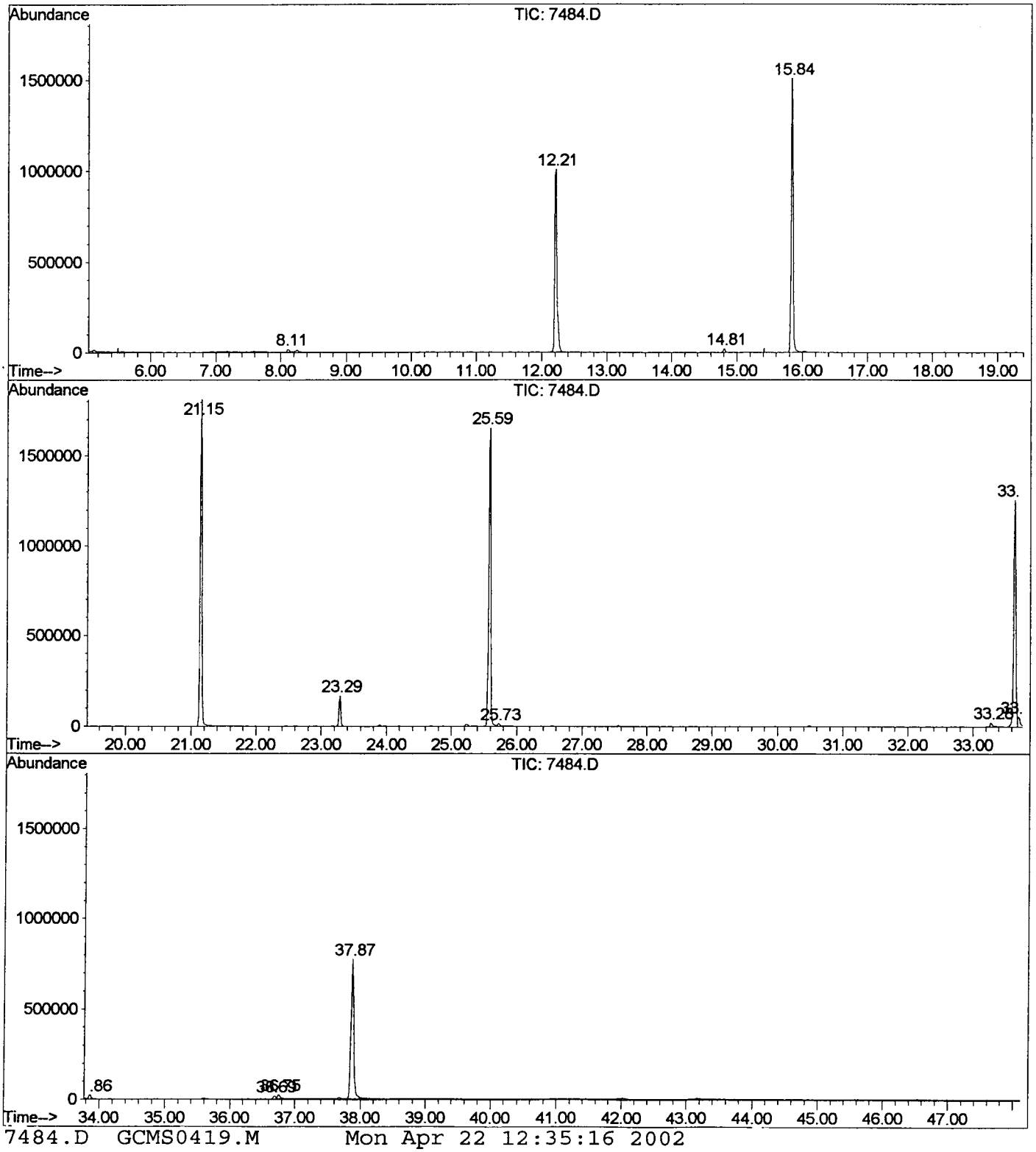
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.111	330	334	341	rBV	16281	36312	1.02%	0.196%
2	12.215	775	781	793	rVB	1006981	2431402	68.11%	13.128%
3	14.813	1058	1064	1069	rVB	20812	40427	1.13%	0.218%
4	15.841	1170	1176	1193	rBV	1506454	3121526	87.44%	16.854%
5	21.147	1748	1754	1765	rBV	1809372	3569892	100.00%	19.275%
6	23.286	1980	1987	1992	rBV	168419	320690	8.98%	1.732%
7	25.590	2231	2238	2249	rBV2	1653070	3503280	98.13%	18.916%
8	25.728	2249	2253	2265	rVB	13156	37043	1.04%	0.200%
9	33.283	3071	3076	3080	rBV	23243	54342	1.52%	0.293%
10	33.641	3101	3115	3120	rBV2	1256760	2813985	78.83%	15.194%
11	33.706	3120	3122	3134	rVV	53147	140194	3.93%	0.757%
12	33.862	3134	3139	3146	rVB	22481	52597	1.47%	0.284%
13	36.689	3442	3447	3450	rBV	16058	41683	1.17%	0.225%
14	36.754	3451	3454	3465	rVB	22641	64488	1.81%	0.348%
15	37.874	3567	3576	3595	rBV2	772247	2292581	64.22%	12.379%

Sum of corrected areas: 18520442

7484.D GCMS0419.M Mon Apr 22 12:35:15 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1802\7484.D
Operator :
Acquired : 20 Apr 2002 9:11 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/1
Misc Info :
Vial Number: 17
Quant File :GCMS0419.RES (RTE Integrator)



7484.D GCMS0419.M Mon Apr 22 12:35:16 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\7484.D Vial: 17
Acq On : 20 Apr 2002 9:11 am Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

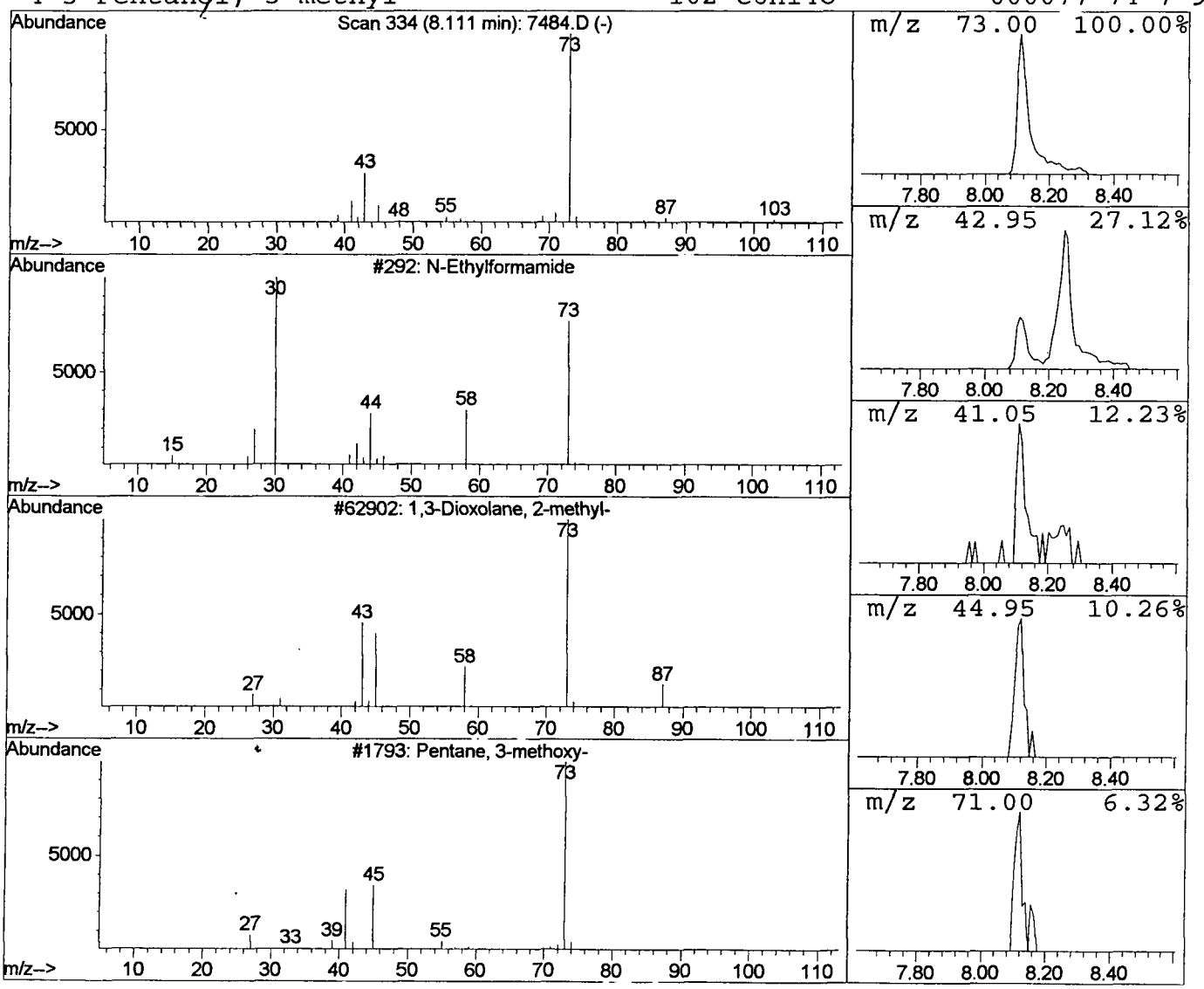
Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	0.30 ug/l	36312	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\7484.D Vial: 17
Acq On : 20 Apr 2002 9:11 am Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

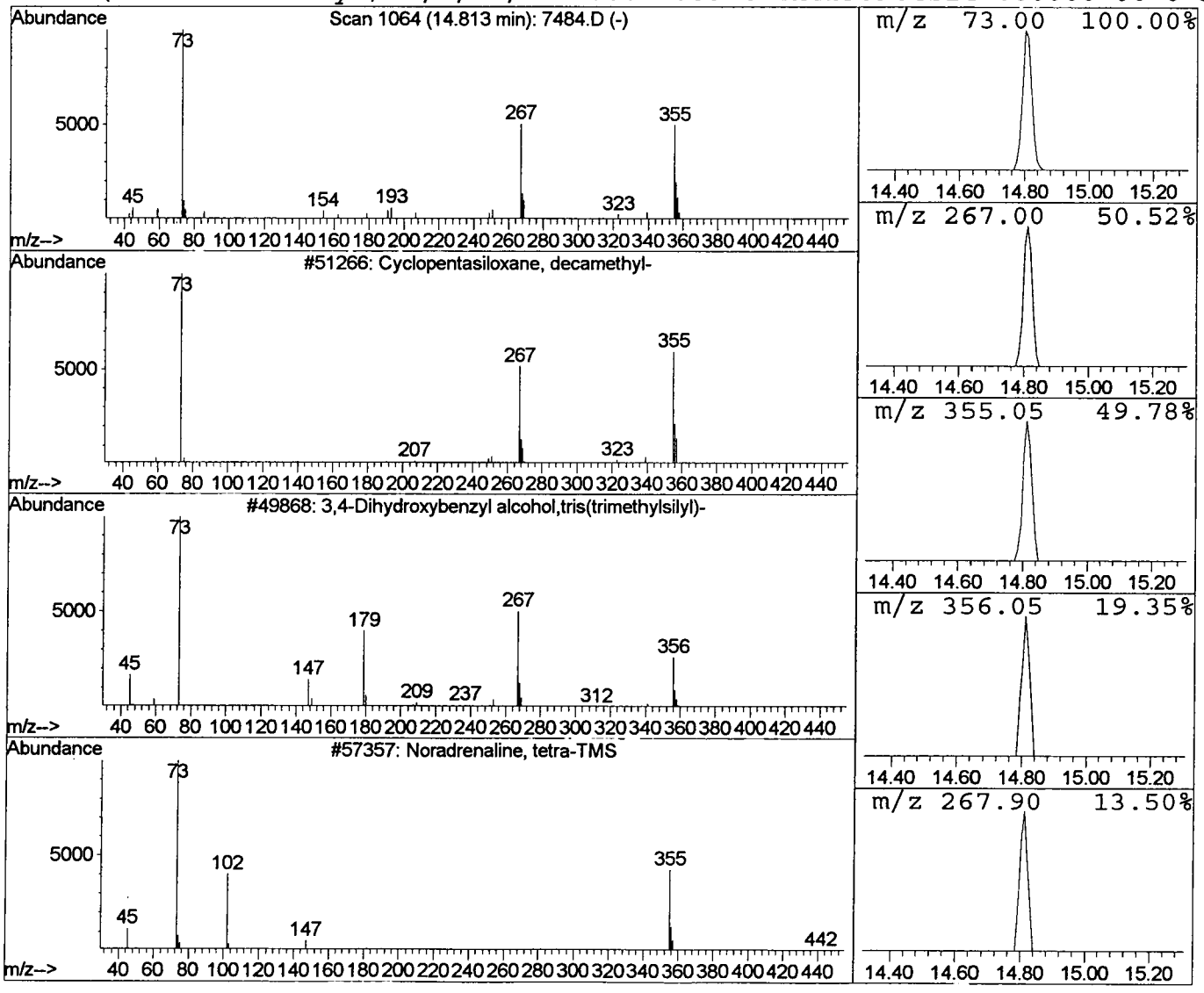
Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.26 ug/l	40427	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	52
3	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\7484.D Vial: 17
Acq On : 20 Apr 2002 9:11 am Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

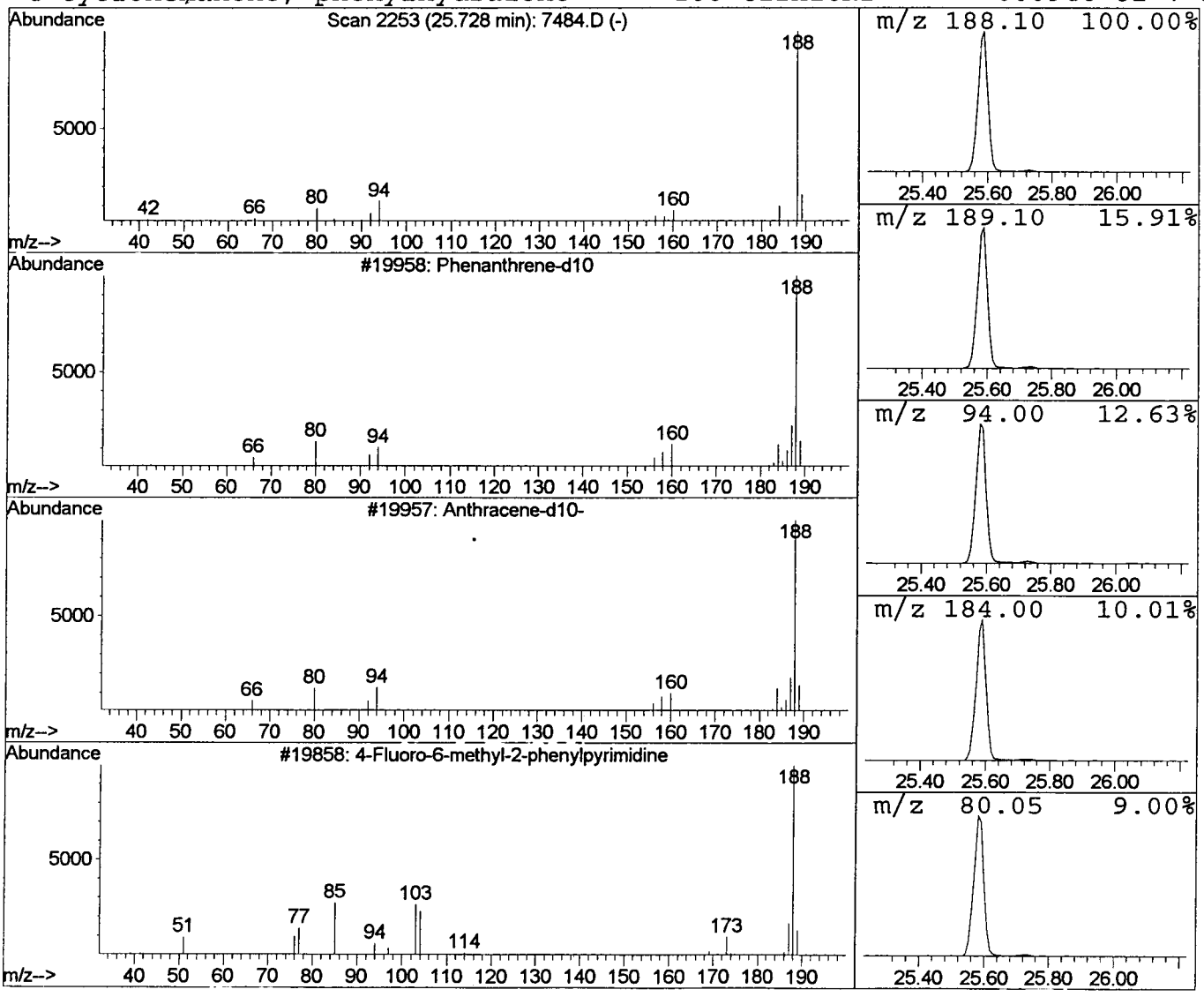
Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phenanthrene-d10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.73	0.21 ug/l	37043	Phenanthrene-d10	25.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	53
2	Anthracene-d10-	188	C14D10	001719-06-8	40
3	4-Fluoro-6-methyl-2-phenylpyrimidin	188	C11H9FN2	000000-00-0	38
4	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	36



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\7484.D Vial: 17
Acq On : 20 Apr 2002 9:11 am Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

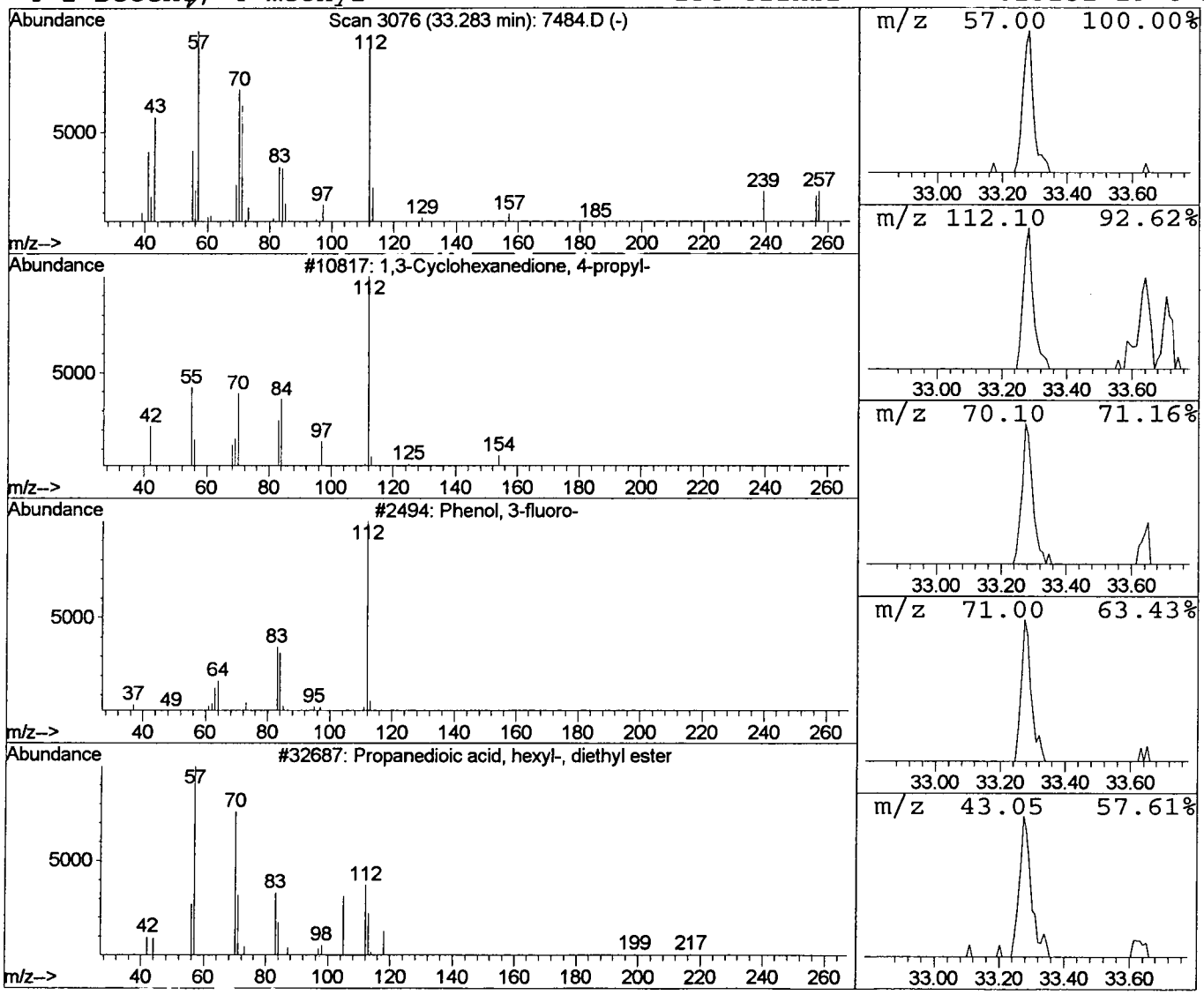
Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1,3-Cyclohexanedione, 4-propyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.28	0.39 ug/l	54342	Chrysene-d12	33.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexanedione, 4-propyl-	154	C9H14O2	018456-81-0	32
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	27
3	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	25
4	1-Decene, 4-methyl-	154	C11H22	013151-29-6	23



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 Apr 2002 9:11 am
Data File: C:\HPCHEM\1\DATA\APR1802\7484.D
Name: gc/ms scan 4/1
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0419.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	36312	ISTD01	12.21	2431400	20.0
Cyclopentasiloxane,	14.81	0.3	ug/l	40427	ISTD02	15.84	3121530	20.0
Phenanthrene-d10	25.73	0.2	ug/l	37043	ISTD04	25.59	3503280	20.0
1,3-Cyclohexanedione	33.28	0.4	ug/l	54342	ISTD05	33.64	2813990	20.0

7484.D GCMS0419.M Mon Apr 22 12:35:20 2002