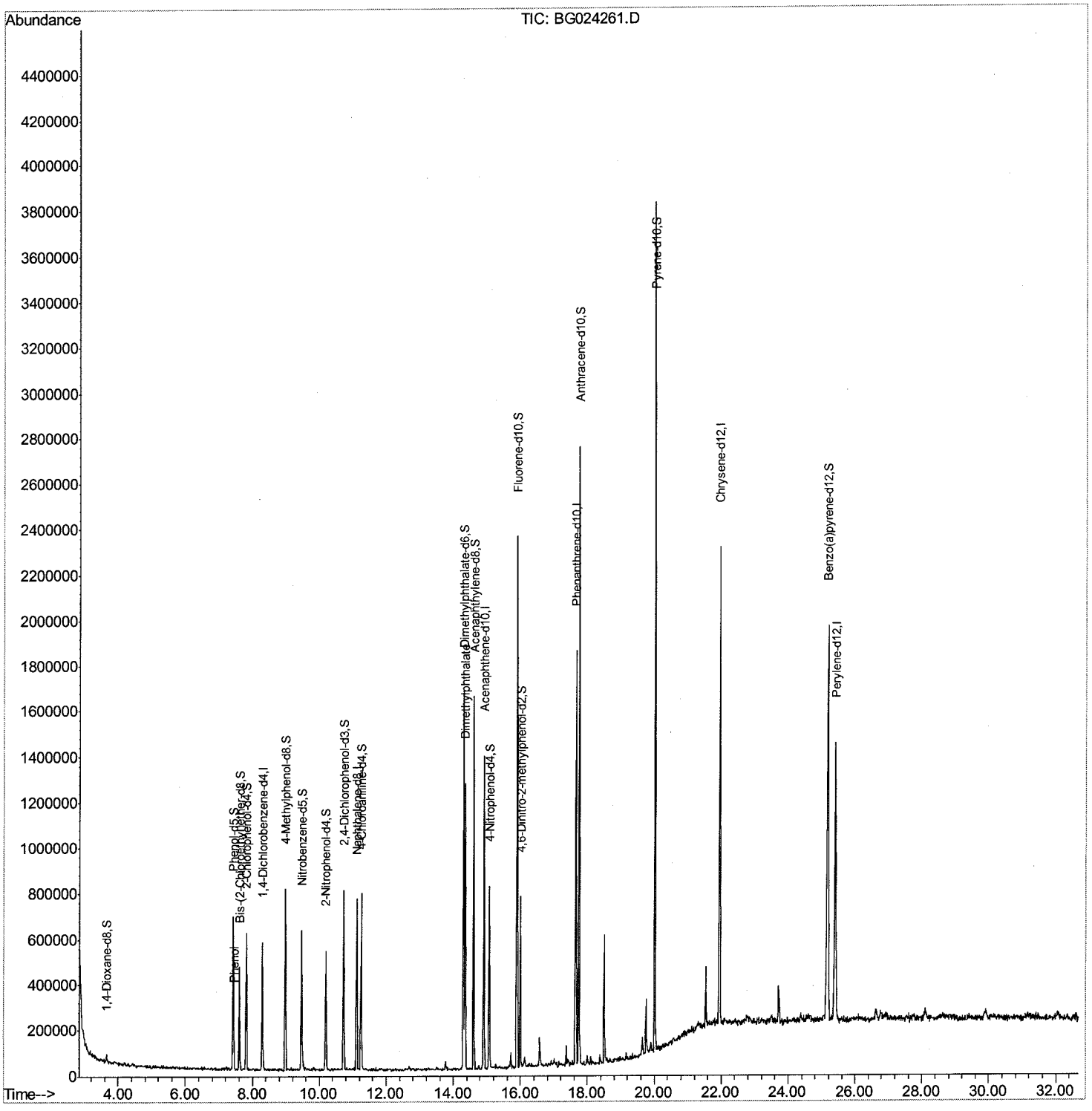
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024261.D
Acq On : 11 Oct 2016 6:04
Operator : UM/SJ
Sample : H5098-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

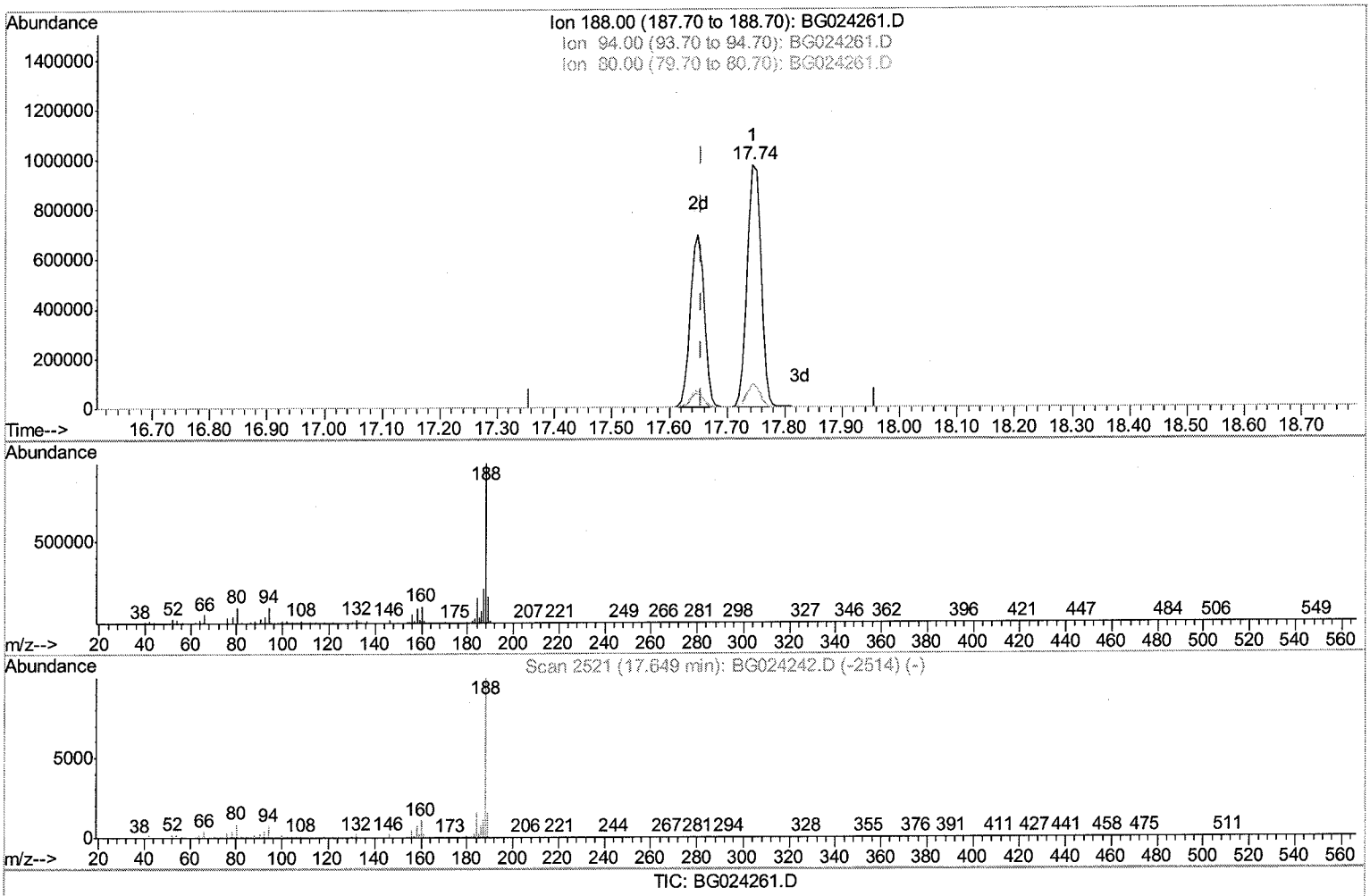
Quant Time: Oct 11 12:[illegible]05 2016
Quant Method : Z:\HPC[illegible]\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024261.D
Acq On : 11 Oct 2016 6:04
Operator : UM/SJ
Sample : H5098-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 11 1[illegible]30 2016
Quant Method : Z:\HP[illegible]\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration



TIC: BG024261.D

(61) Phenanthrene-d10 (I)

17.744min (+0.087) 20.00ng/ul

response 1569734

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	9.75
80.00	10.90	9.64
0.00	0.00	0.00

Quantitation Report (Qedit)

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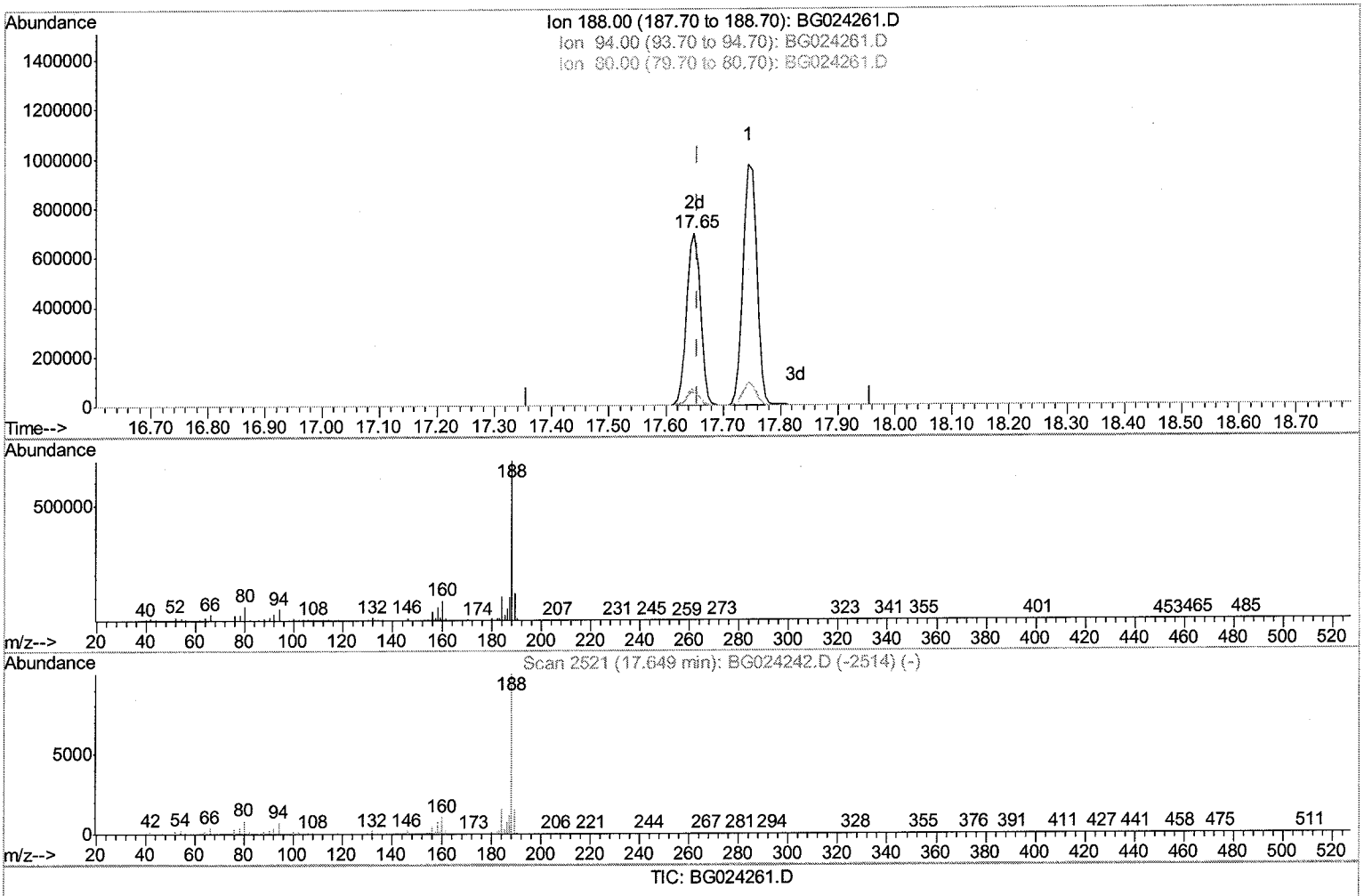
Acq On : 11 Oct 2016 6:04
Operator : UM/SJ
Sample : H5098-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 11 11:[illegible]30 2016
Quant Method : Z:\HP[illegible]\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration



TIC: BG024261.D

(61) Phenanthrene-d10 (I)

17.650min (-0.007) 20.00ng/ul m

response 1121866

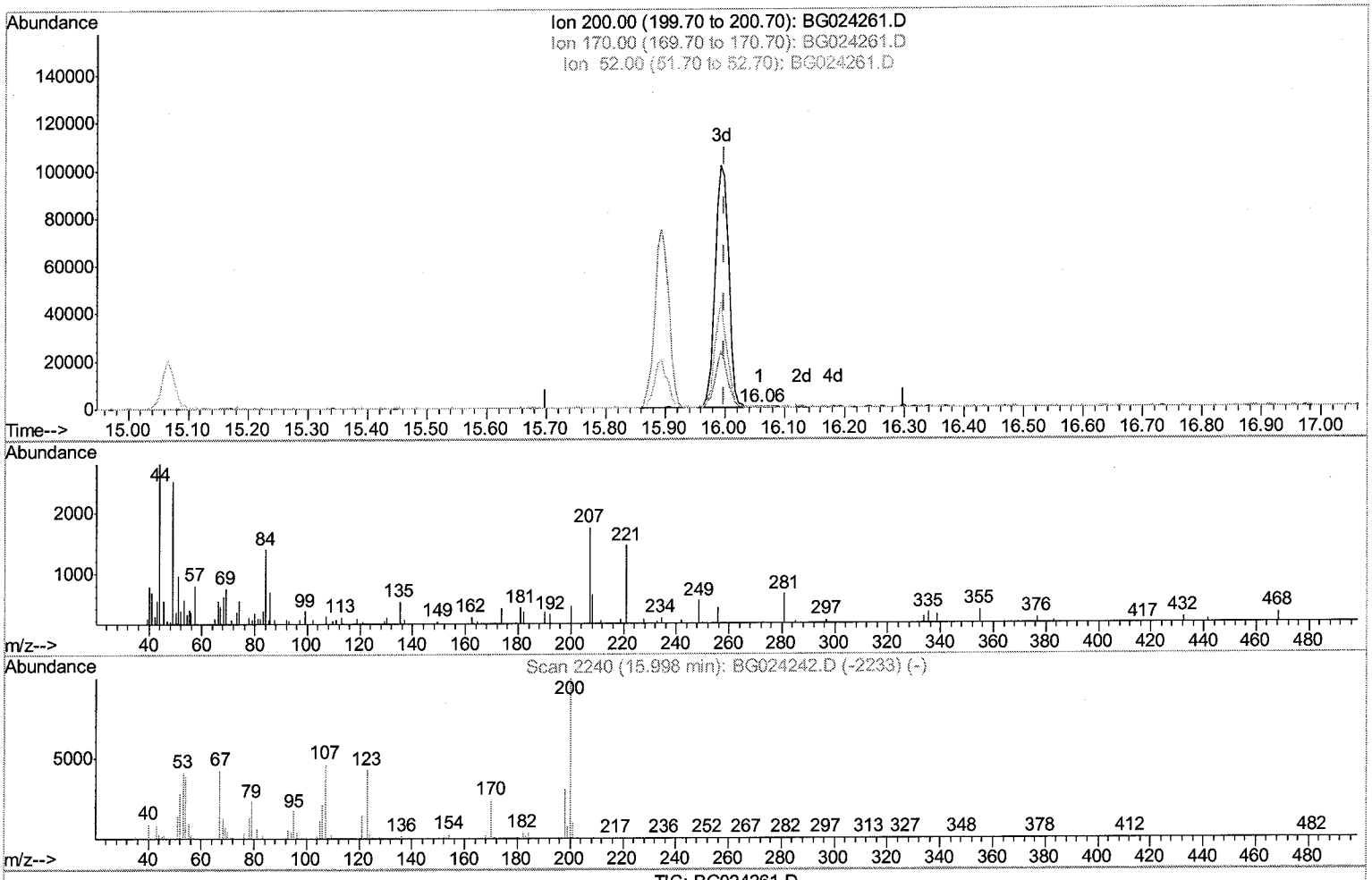
10/12/16

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	7.47#
80.00	10.90	9.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024261.D
Acq On : 11 Oct 2016 6:04
Operator : UM/SJ
Sample : H5098-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 11 12:[illegible]12 2016
Quant Method : Z:\HPC[illegible]\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration



TIC: BG024261.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.058min (+0.058) 0.08ng/ul

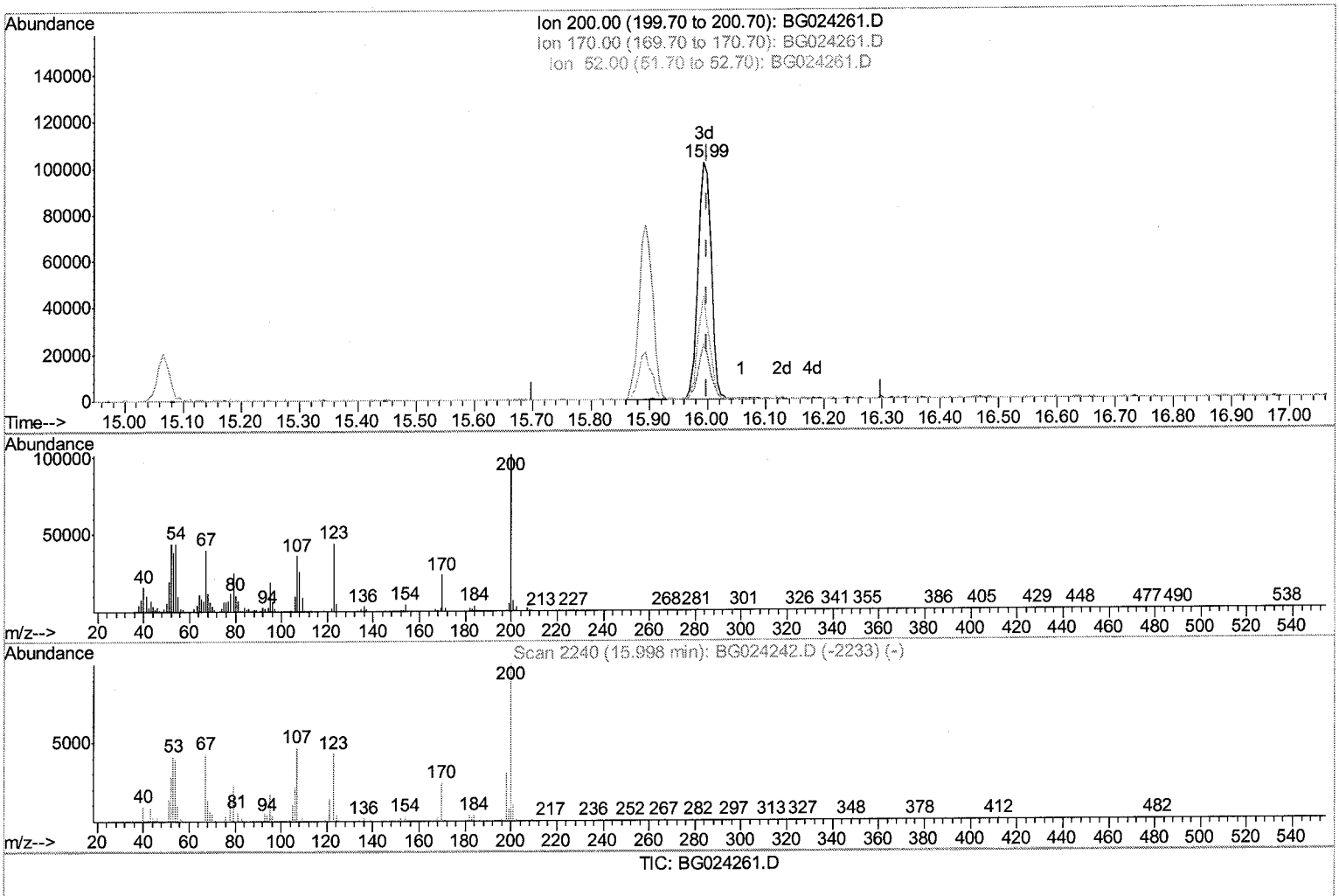
response 531

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	0.00#
52.00	32.20	84.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024261.D
Acq On : 11 Oct 2016 6:04
Operator : UM/SJ
Sample : H5098-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 11 12:[illegible]12 2016
Quant Method : Z:\HPC[illegible]\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration



TIC: BG024261.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.993min (-0.007) 23.49ng/ul m

response 158406

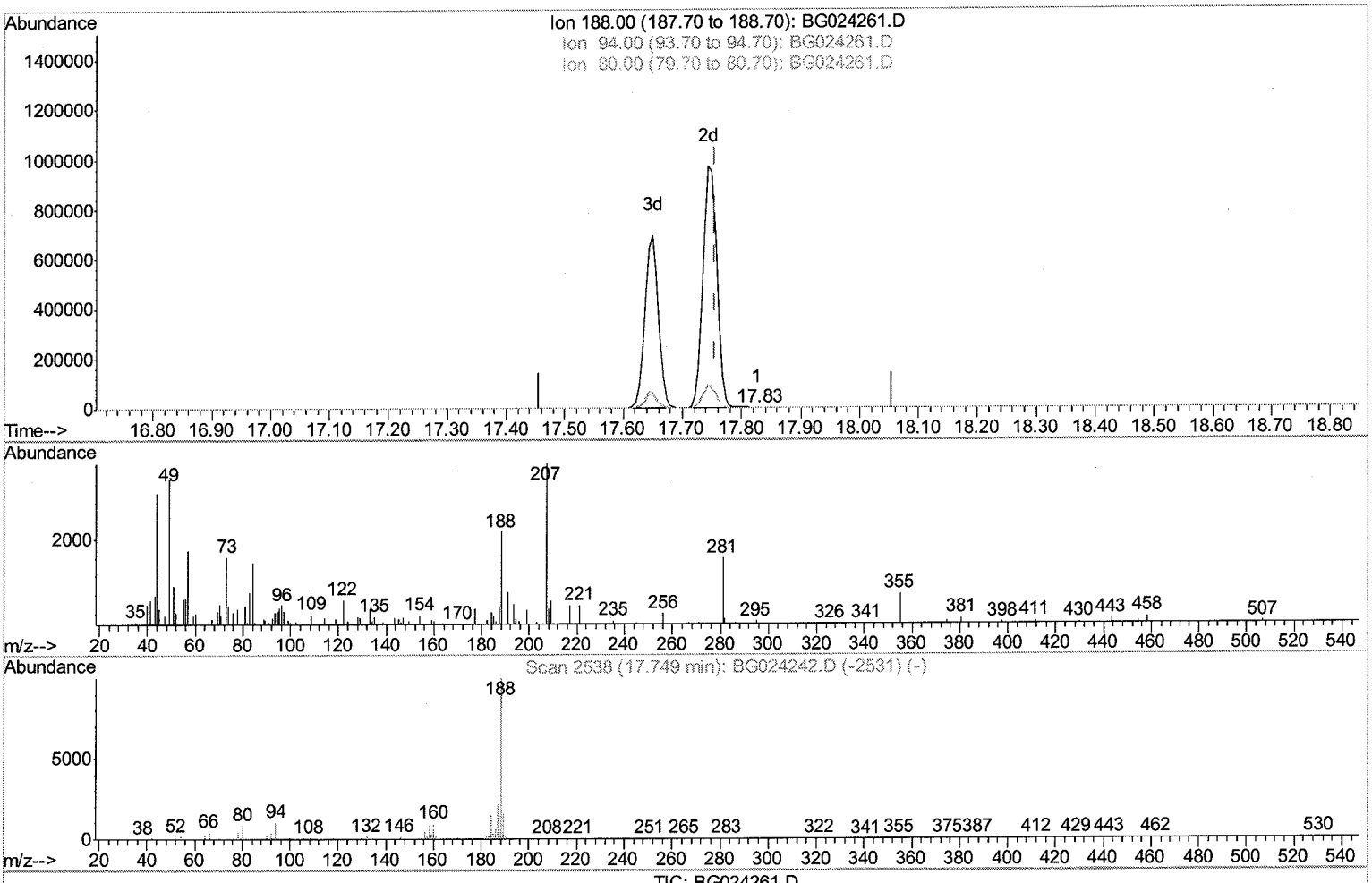
Ion	Exp%	Act%
200.00	100	100
170.00	15.20	23.31#
52.00	32.20	43.23#
0.00	0.00	0.00

UM 10/12/16

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024261.D
Acq On : 11 Oct 2016 6:04
Operator : UM/SJ
Sample : H5098-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 11 12:[illegible]12 2016
Quant Method : Z:\HPC[illegible]\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration



TIC: BG024261.D

(70) Anthracene-d10 (S)

17.826min (+0.070) 0.04ng/ul

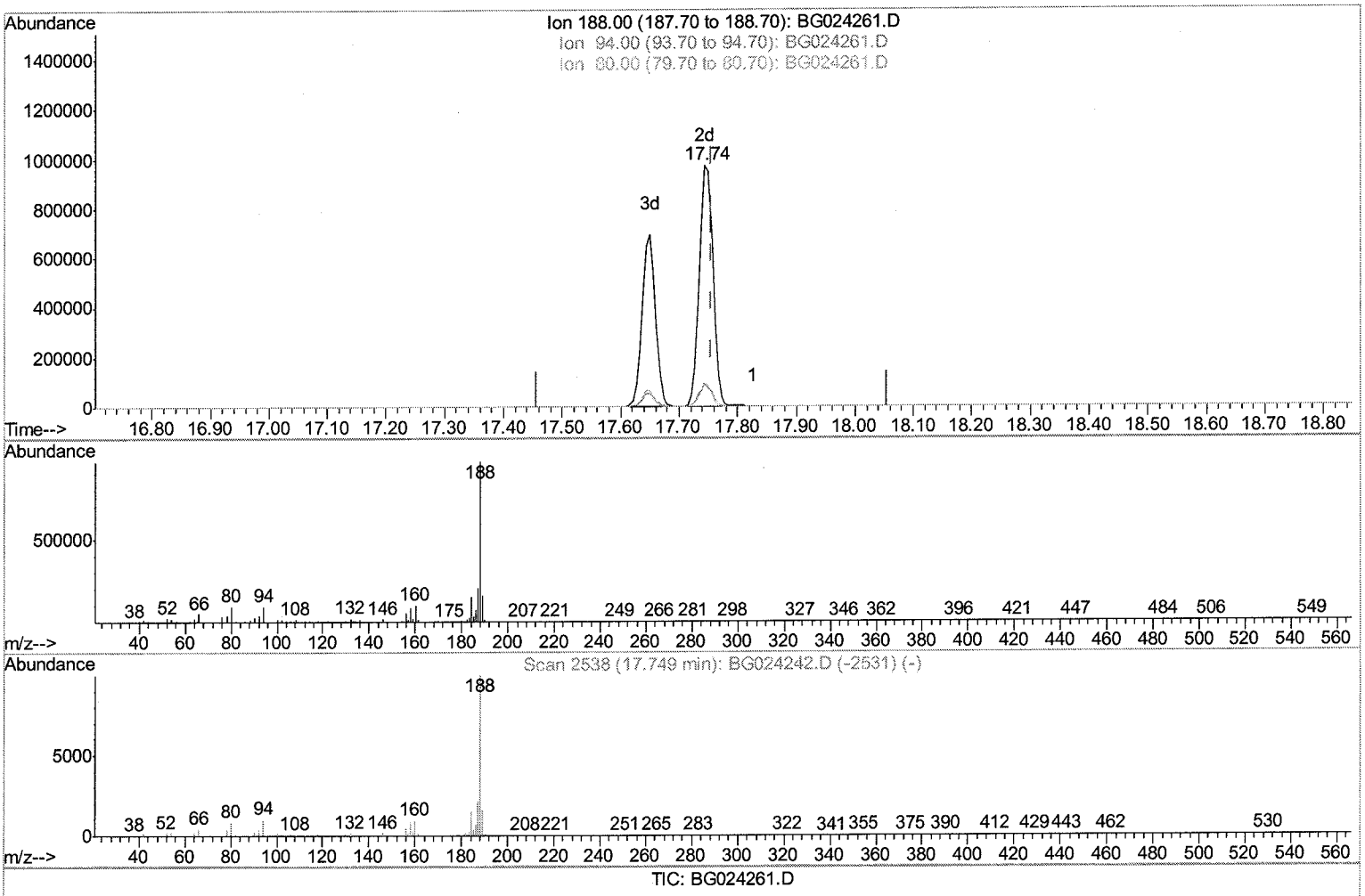
response 1902

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	20.05#
80.00	11.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024261.D
Acq On : 11 Oct 2016 6:04
Operator : UM/SJ
Sample : H5098-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 11 12:[illegible]12 2016
Quant Method : Z:\HPC[illegible]\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration



TIC: BG024261.D

(70) Anthracene-d10 (S)

17.744min (-0.012) 31.06ng/ul m UM

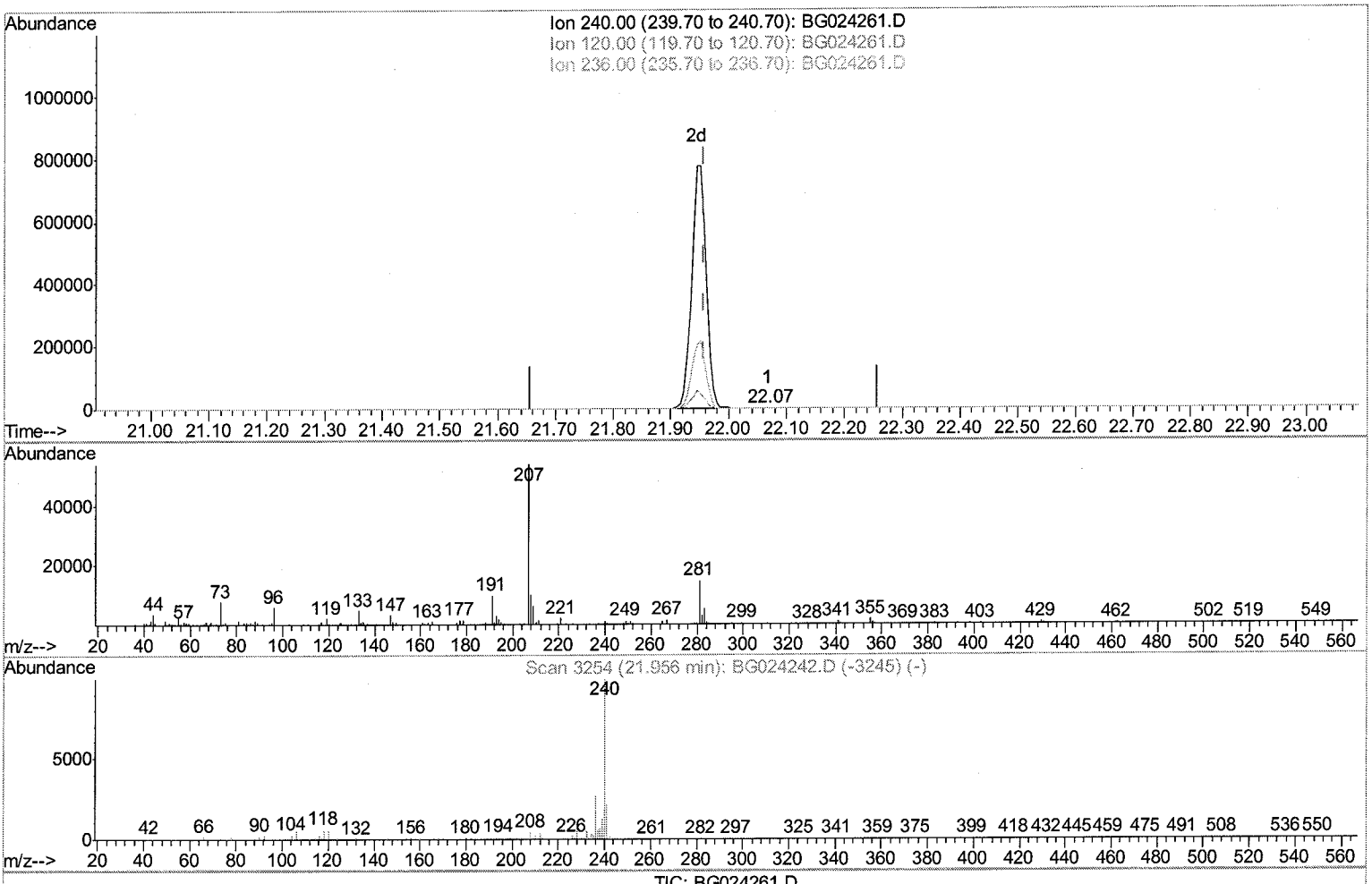
response 1573864 10/12/16

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	9.75#
80.00	11.90	9.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024261.D
Acq On : 11 Oct 2016 6:04
Operator : UM/SJ
Sample : H5098-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 11 12 [illegible] 12 2016
Quant Method : Z:\HPC[illegible]\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration



TIC: BG024261.D

(75) Chrysene-d12 (I)

22.068min (+0.111) 20.00ng/ul

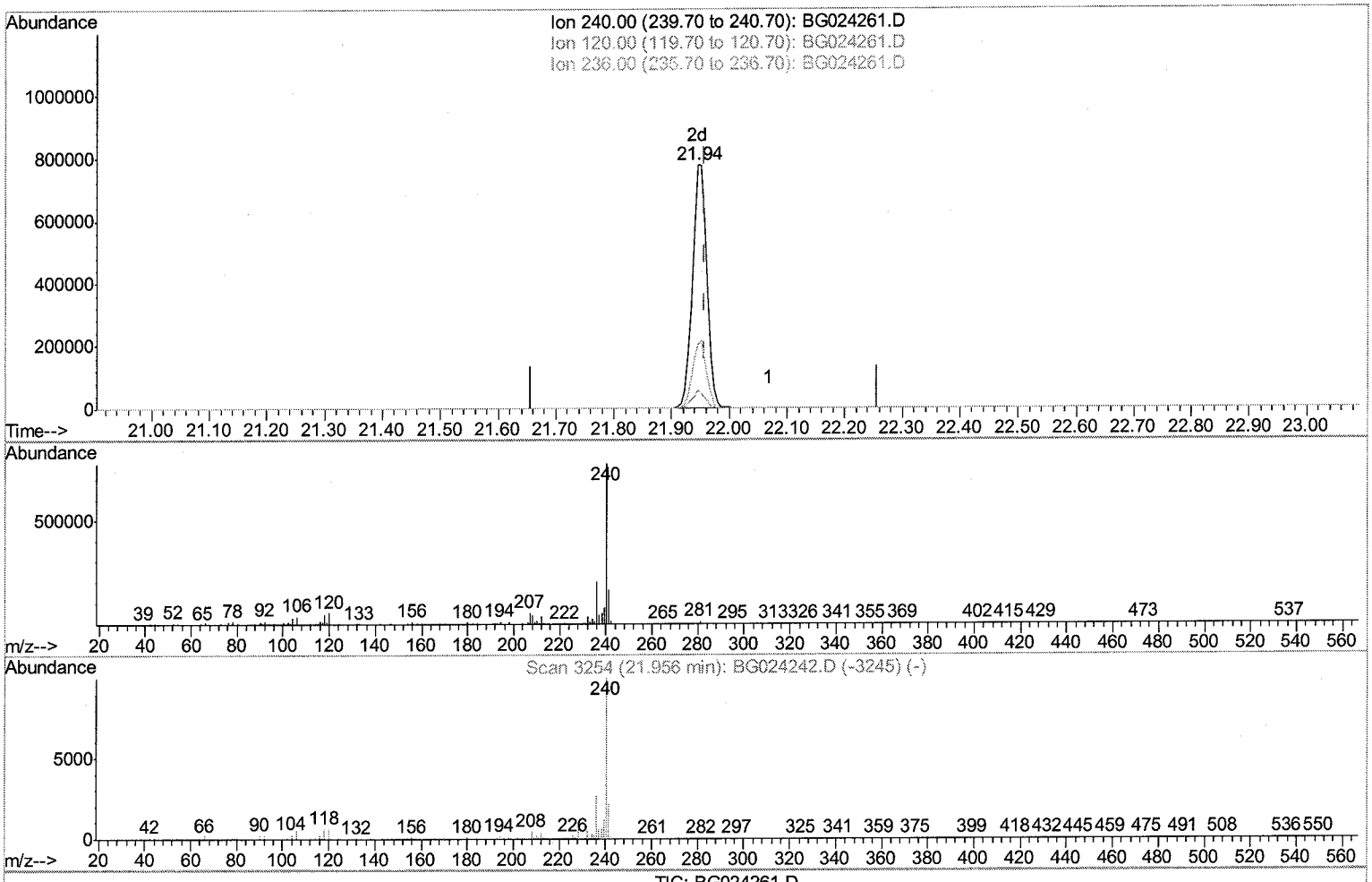
response 1571

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	38.43#
236.00	26.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024261.D
Acq On : 11 Oct 2016 6:04
Operator : UM/SJ
Sample : H5098-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 11 12 12 2016
Quant Method : Z:\HPC \BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration



TIC: BG024261.D

(75) Chrysene-d12 (I)

21.945min (-0.012) 20.00ng/ul m

response 1367724

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	7.24#
236.00	26.10	25.87
0.00	0.00	0.00

UM 10/12/16

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024261.D
Acq On : 11 Oct 2016 6:04
Operator : UM/SJ
Sample : H5098-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 11 12:[redacted]5 2016
Quant Method : Z:\HPCH[redacted]BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	146112	20.00	ng/ul	0.00
18) Naphthalene-d8	11.12	136	592420	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.91	164	482043	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1121866m	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1367724m	20.00	ng/ul	-0.01
83) Perylene-d12	25.40	264	1386170	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	13407	4.36	ng/uL	-0.01
5) Phenol-d5	7.42	99	337152	24.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.61	67	229336	24.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	230961	24.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	281652	25.56	ng/ul	-0.01
19) Nitrobenzene-d5	9.47	128	121241	28.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.19	143	138576	29.46	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.72	165	273332	26.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.25	131	357885	33.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.30	166	1022390	30.38	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	1157800	30.03	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	161453	27.05	ng/ul	-0.01
57) Fluorene-d10	15.89	176	969363	30.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	158406m	23.49	ng/ul	0.00
70) Anthracene-d10	17.74	188	1573864m	31.06	ng/ul	-0.01
76) Pyrene-d10	20.02	212	1994298	31.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.16	264	2027839	32.52	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.44	94	14189	1.03	ng/ul#	53
44) Dimethylphthalate	14.35	163	741905	22.48	ng/ul	98

5 um 10/11/16

3 um 10/12/16

(#) = qualifier out of range (m) = manual integration (+) = signals summed