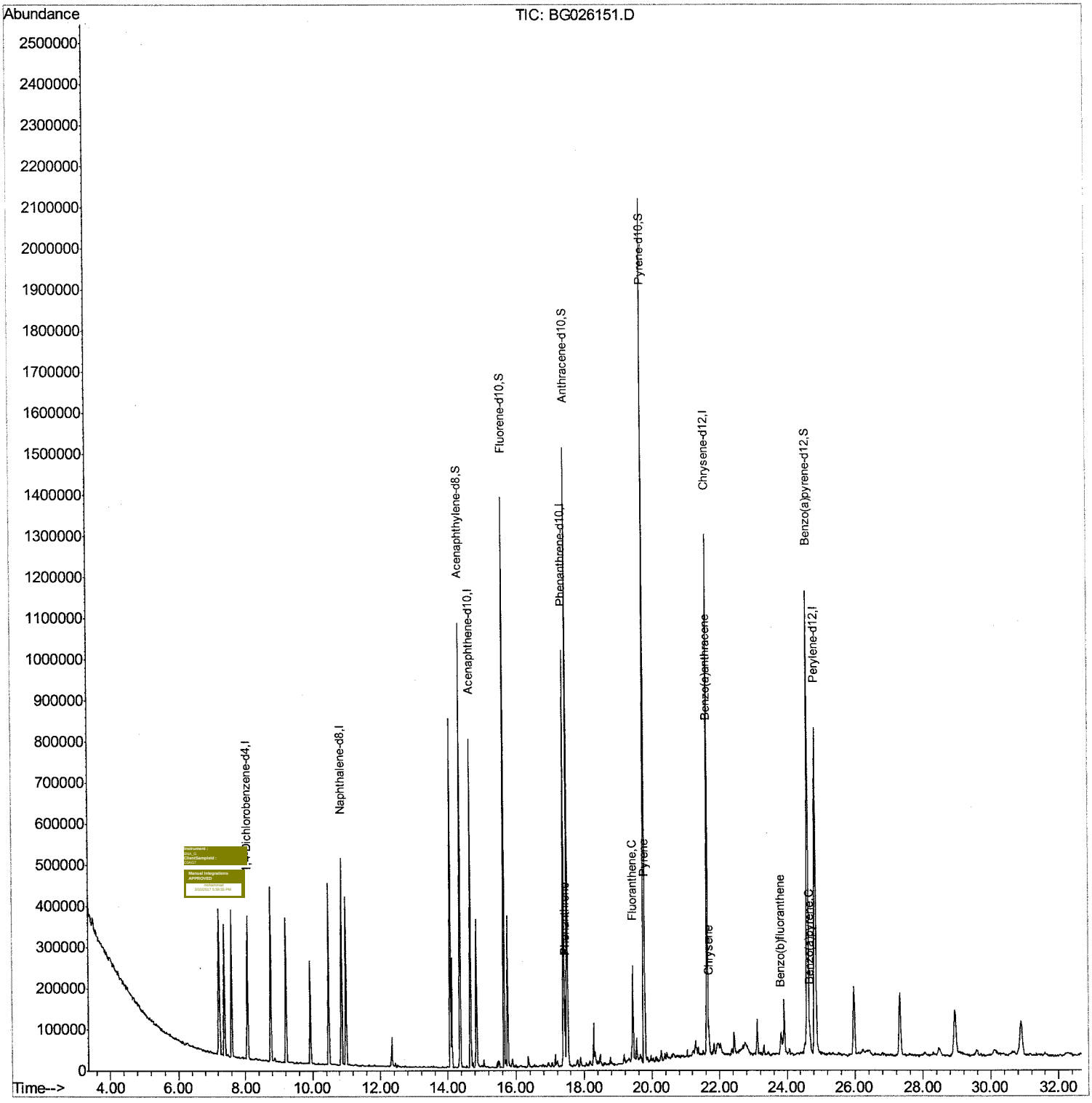
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
Data File : BG026151.D
Acq On : 9 Mar 2017 16:00
Operator : SJ/MA
Sample : I2069-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

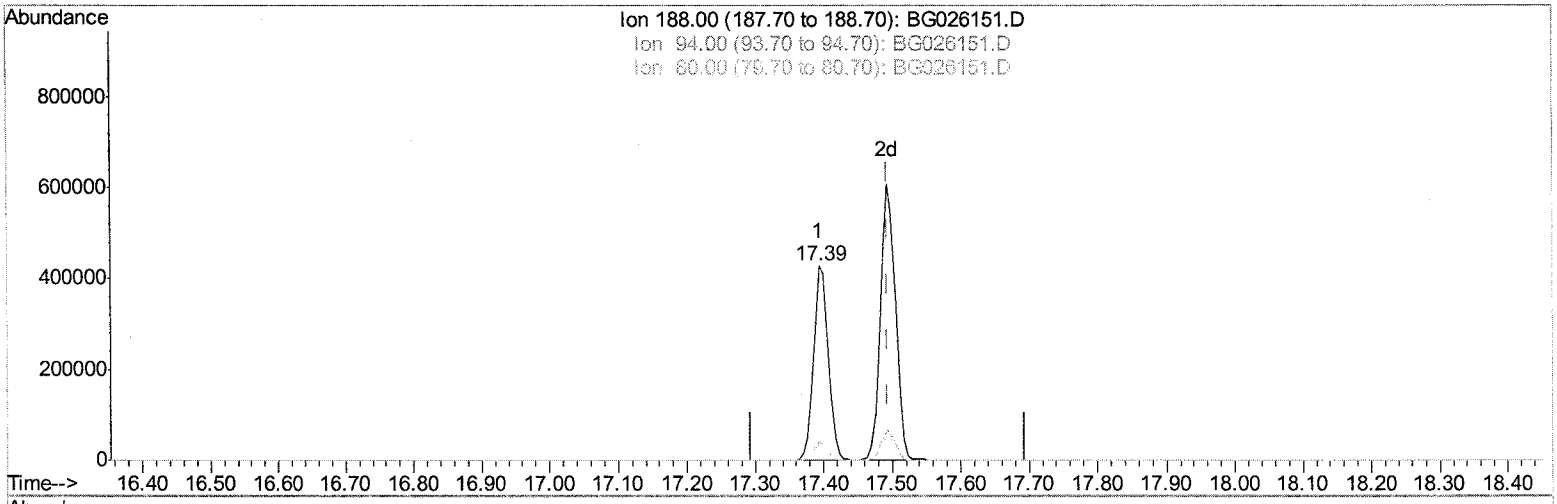
Quant Time: Mar 10 01:40:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 01:19:14 2017
Response via : Initial Calibration

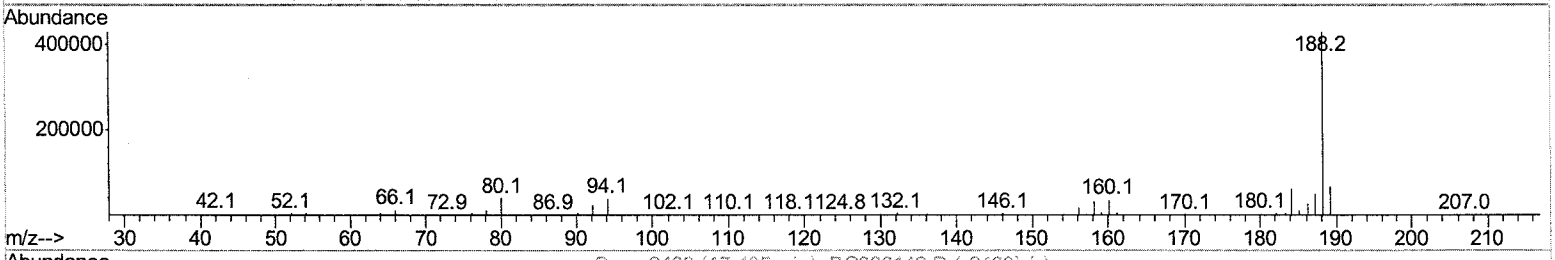


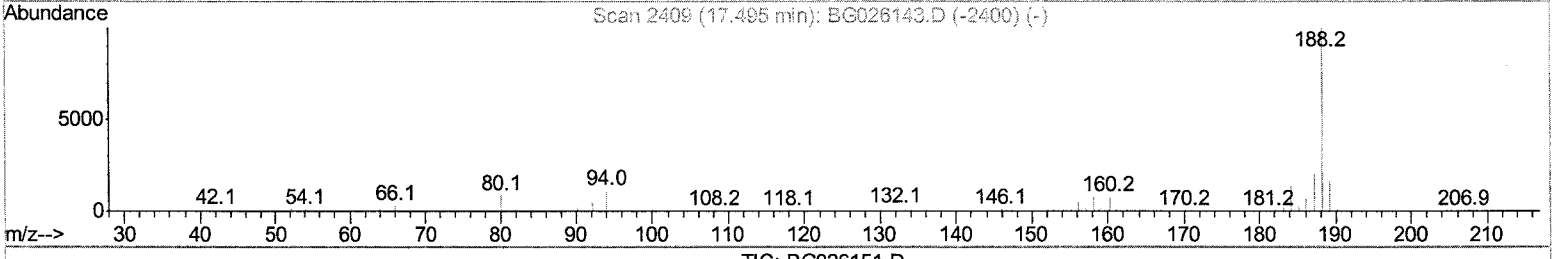
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
Data File : BG026151.D
Acq On : 9 Mar 2017 16:00
Operator : SJ/MA
Sample : I2069-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 10 01:19:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 01:19:14 2017
Response via : Initial Calibration







TIC: BG026151.D

(13) Anthracene-d10 (S)

17.394min (-0.101) 22.43ng/ul

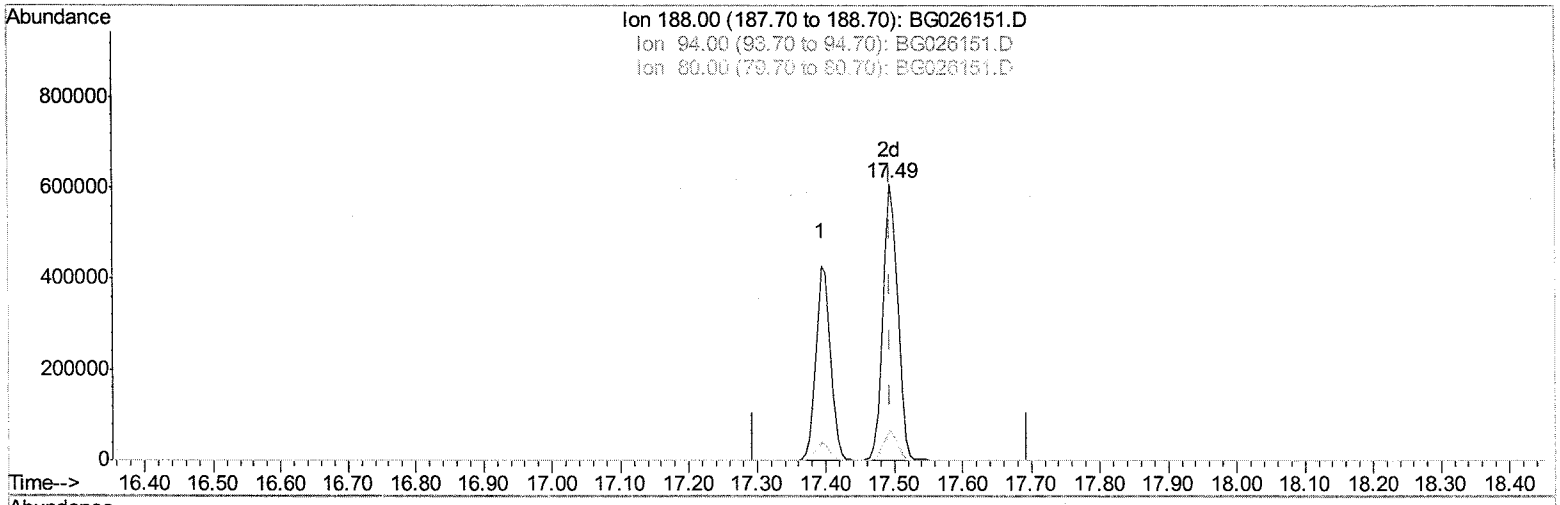
response 645802

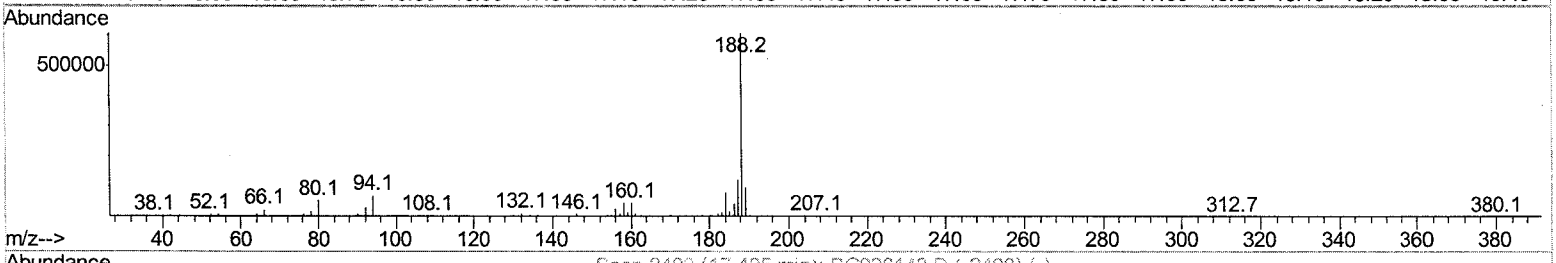
Ion	Exp%	
188.00	100	100
94.00	11.10	9.30
80.00	11.80	9.53
0.00	0.00	0.00

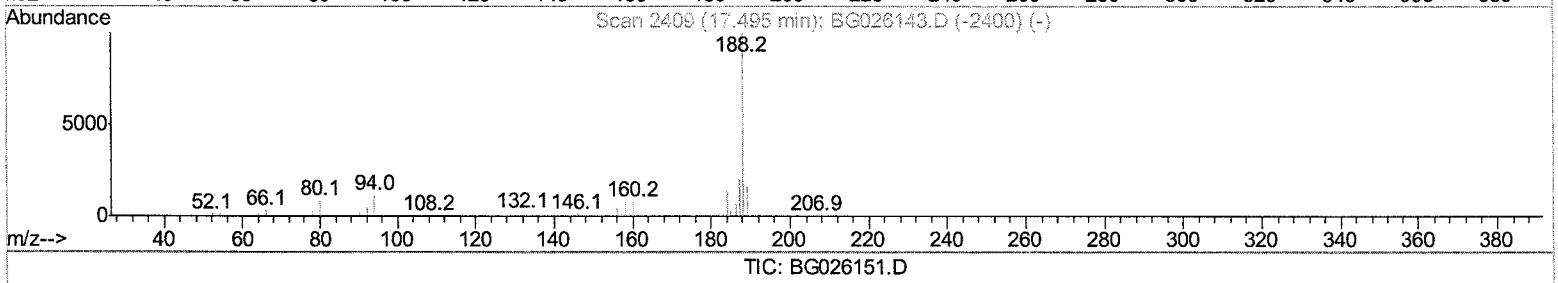
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
Data File : BG026151.D
Acq On : 9 Mar 2017 16:00
Operator : SJ/MA
Sample : I2069-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 10 01:19:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 01:19:14 2017
Response via : Initial Calibration







TIC: BG026151.D

(13) Anthracene-d10 (S)

17.494min (-0.002) 32.01ng/ul m SJ 3/13/17

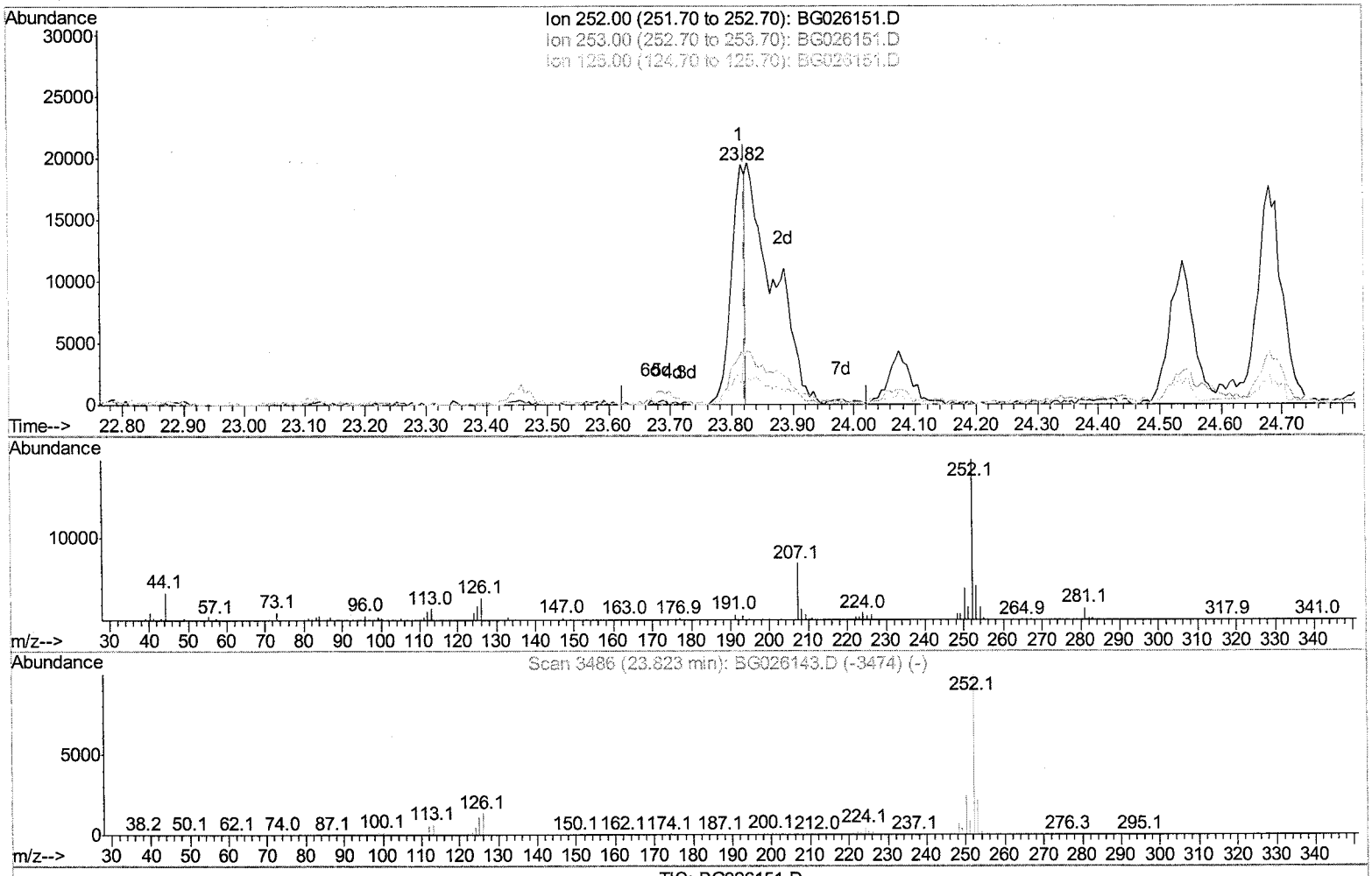
response 921614

Ion	Exp%	
188.00	100	100
94.00	11.10	11.10
80.00	11.80	8.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
Data File : BG026151.D
Acq On : 9 Mar 2017 16:00
Operator : SJ/MA
Sample : I2069-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 10 01:38:41 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 01:19:14 2017
Response via : Initial Calibration



TIC: BG026151.D

(22) Benzo(b)fluoranthene

23.816min (-0.007) 0.73ng/ul

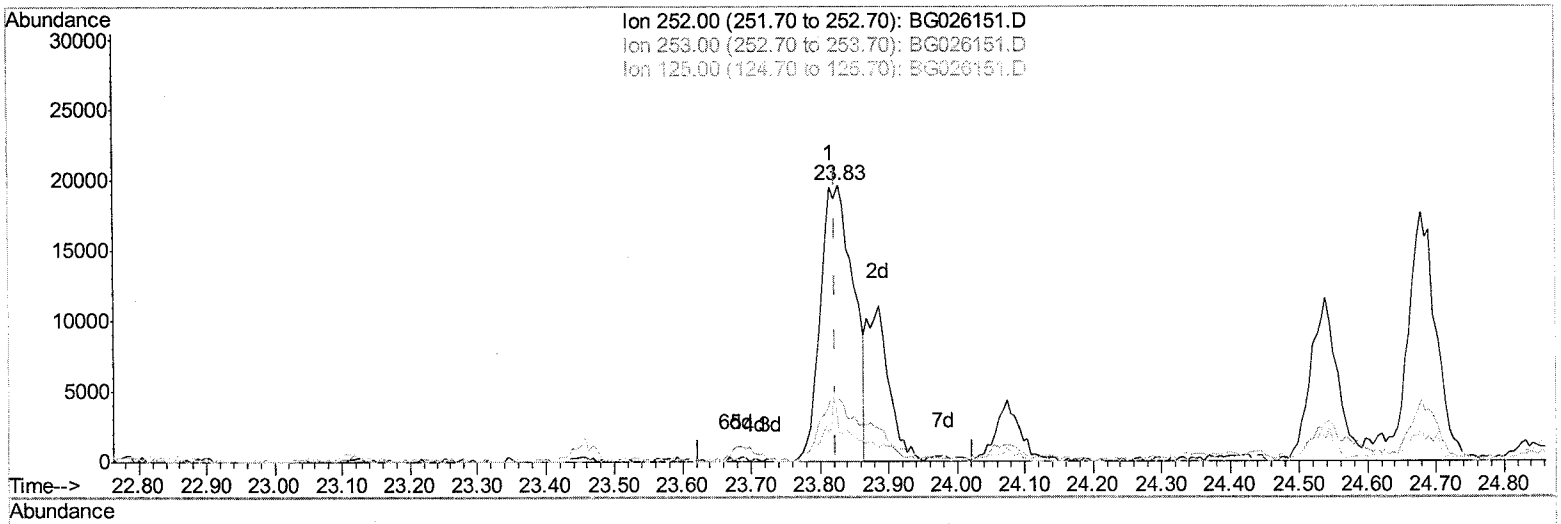
response 30351

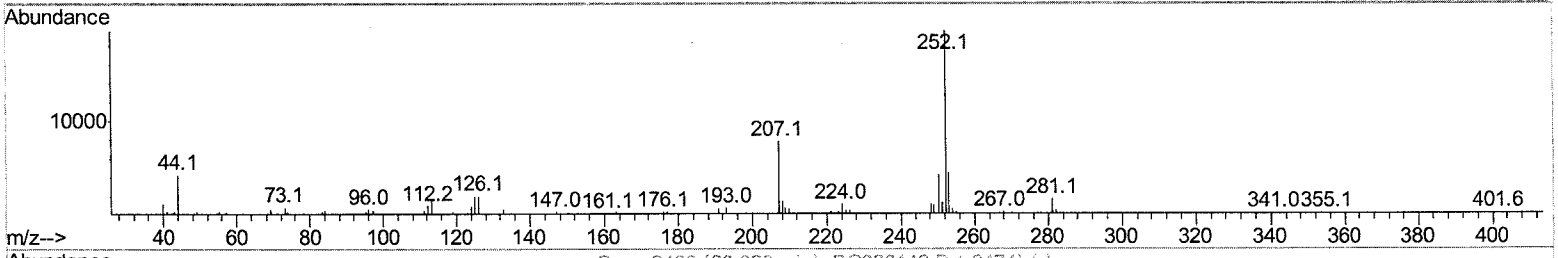
Ion	Exp%	
252.00	100	100
253.00	22.50	22.06
125.00	10.00	9.30
0.00	0.00	0.00

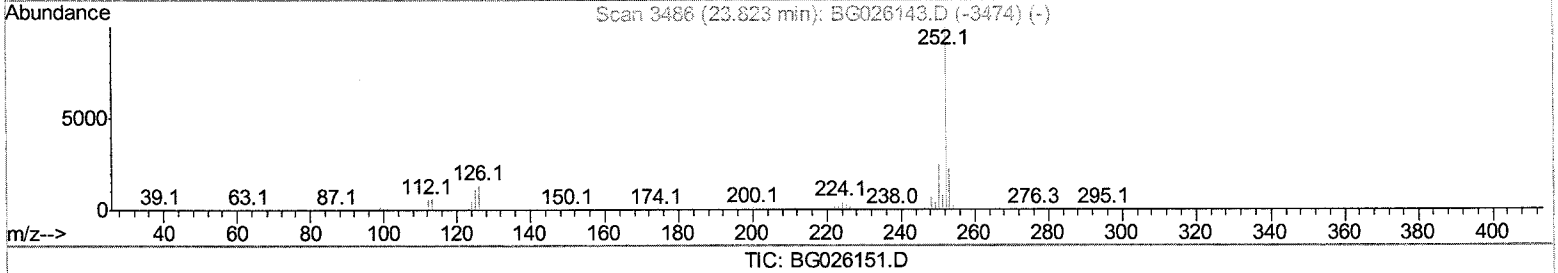
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
Data File : BG026151.D
Acq On : 9 Mar 2017 16:00
Operator : SJ/MA
Sample : I2069-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 10 01:38:41 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 01:19:14 2017
Response via : Initial Calibration







TIC: BG026151.D

(22) Benzo(b)fluoranthene

23.827min (+0.004) 1.57ng/ul m SJ 3/13/17

response 65607

Ion	Exp%	
252.00	100	100
253.00	22.50	22.96
125.00	10.00	10.38
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
Data File : BG026151.D
Acq On : 9 Mar 2017 16:00
Operator : SJ/MA
Sample : I2069-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 10 01:40:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 01:19:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	104069	20.00	ng/ul	0.00
2) Naphthalene-d8	10.87	136	459848	20.00	ng/ul	0.00
5) Acenaphthene-d10	14.67	164	269182	20.00	ng/ul	0.00
11) Phenanthrene-d10	17.39	188	645802	20.00	ng/ul	0.00
16) Chrysene-d12	21.64	240	745314	20.00	ng/ul	0.00
21) Perylene-d12	24.83	264	734618	20.00	ng/ul	0.00
System Monitoring Compounds						
6) Acenaphthylene-d8	14.36	160	814351	35.48	ng/ul	0.00
9) Fluorene-d10	15.65	176	599271	35.79	ng/ul	0.00
13) Anthracene-d10	17.49	188	921614m	32.01	ng/ul	0.00
17) Pyrene-d10	19.77	212	1113149	29.27	ng/ul	0.00
24) Benzo(a)pyrene-d12	24.61	264	1116691	35.25	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.44	178	107037	3.13	ng/ul	98
15) Fluoranthene	19.44	202	137058	3.86	ng/ul	97
18) Pyrene	19.80	202	117124	2.47	ng/ul	97
19) Benzo(a)anthracene	21.62	228	60782	1.47	ng/ul	98
20) Chrysene	21.69	228	54182	1.40	ng/ul	97
22) Benzo(b)fluoranthene	23.83	252	65607m	1.57	ng/ul	
25) Benzo(a)pyrene	24.68	252	46674	1.20	ng/ul#	93

SJ 3/13/17

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