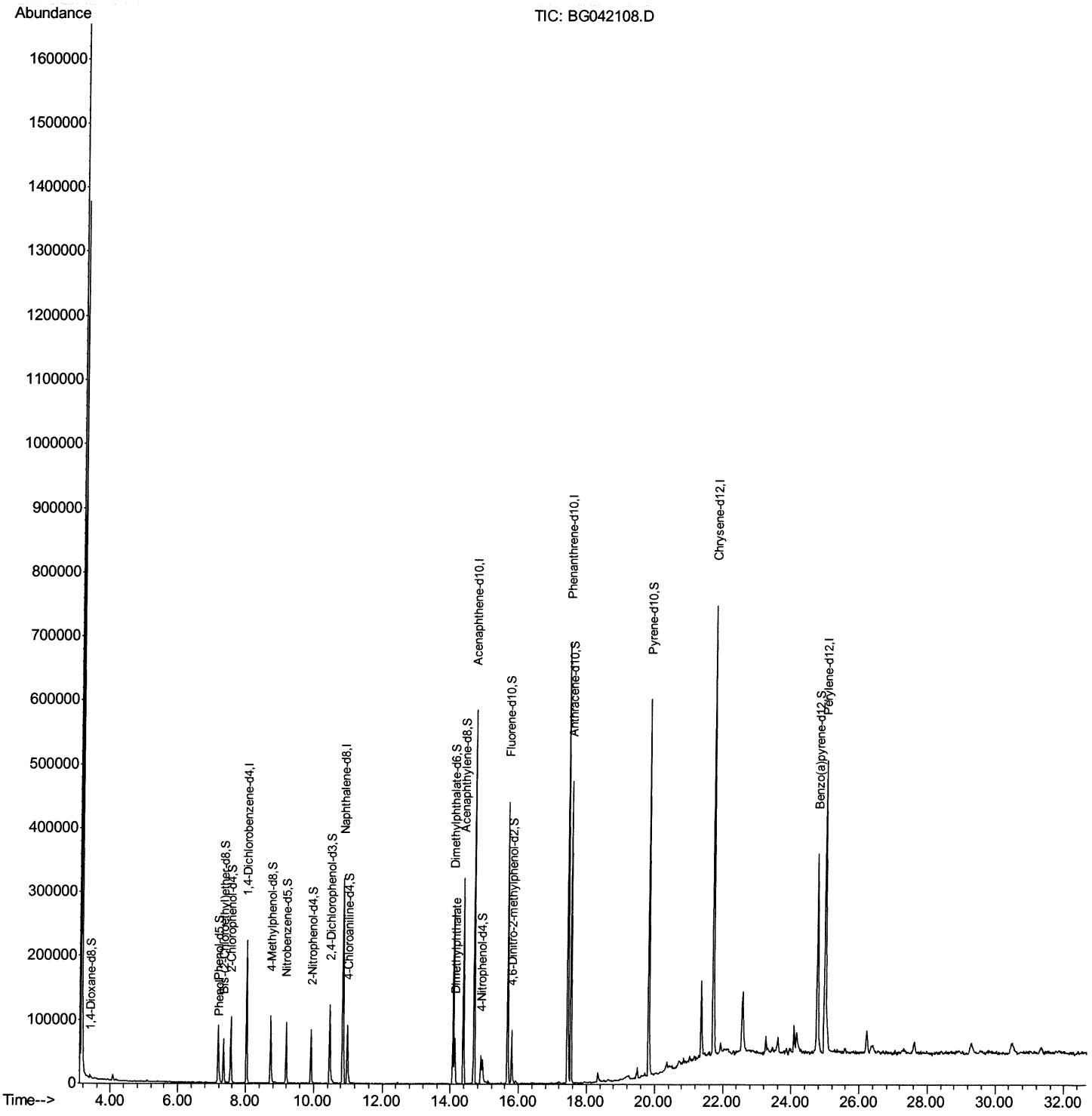
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042108.D
Acq On : 9 Aug 2019 18:53
Operator : HP/JU
Sample : K4041-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 10 04:07:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENX1

Manual Integrations APPROVED
Sohil
8/13/2019 8:19:17 AM



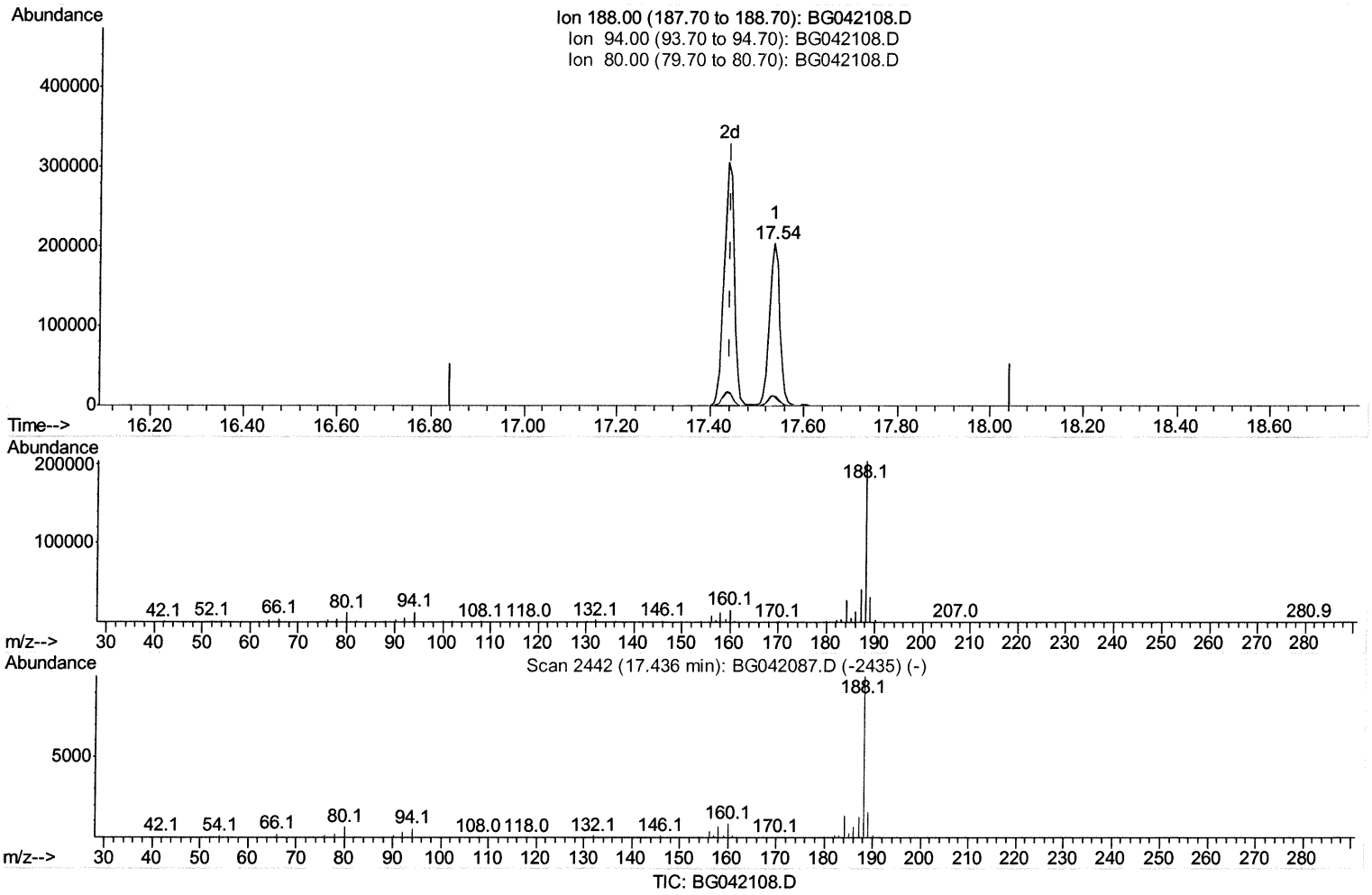
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042108.D
Acq On : 9 Aug 2019 18:53
Operator : HP/JU
Sample : K4041-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 10 02:30:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENX1

Manual Integrations APPROVED
Sohil
8/13/2019 8:19:17 AM



TIC: BG042108.D

(61) Phenanthrene-d10 (I)

17.536min (+0.094) 20.00ng/ul

response 307318

Ion	Exp%	Act%
188.00	100	100
94.00	7.00	6.38
80.00	7.40	6.05
0.00	0.00	0.00

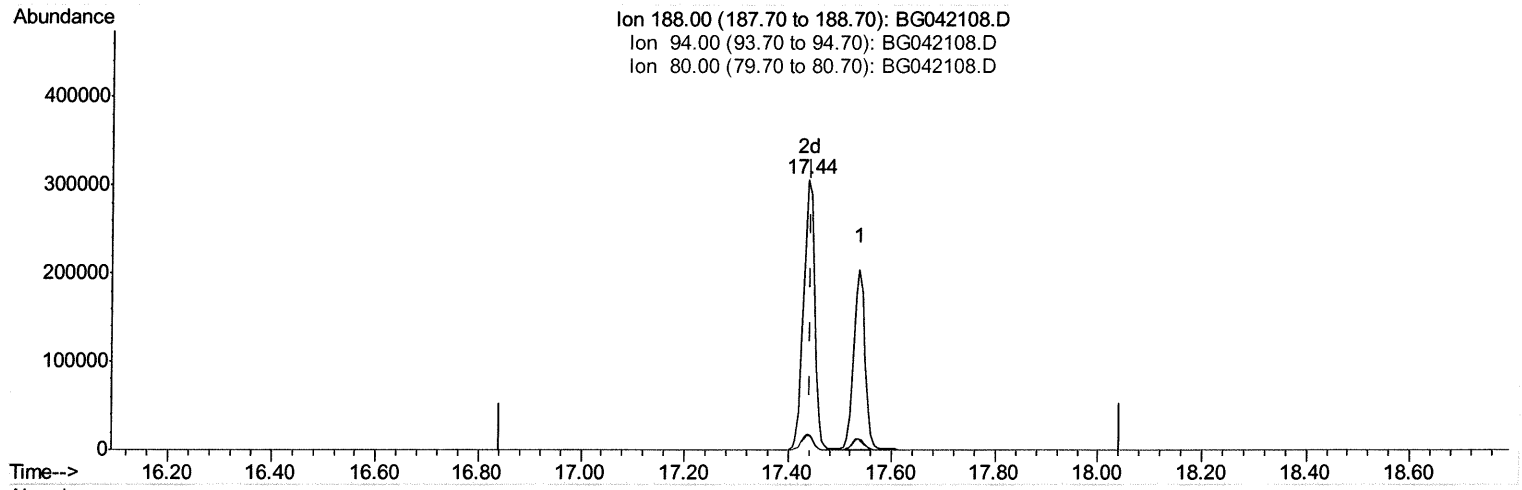
Quantitation Report (Qedit)

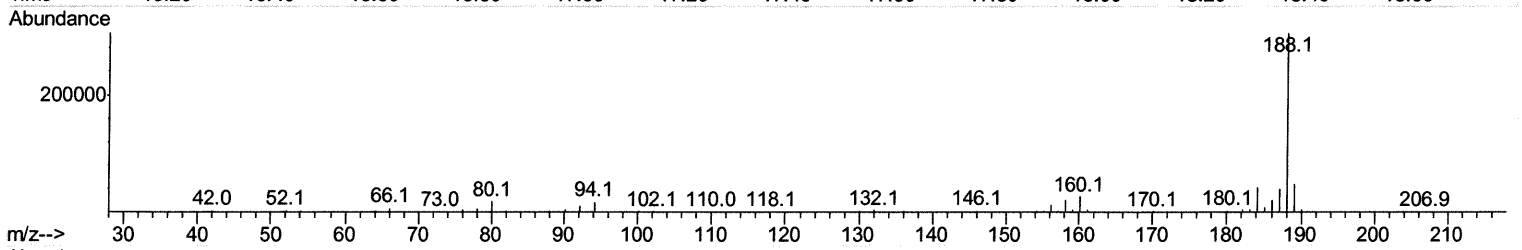
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042108.D
Acq On : 9 Aug 2019 18:53
Operator : HP/JU
Sample : K4041-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

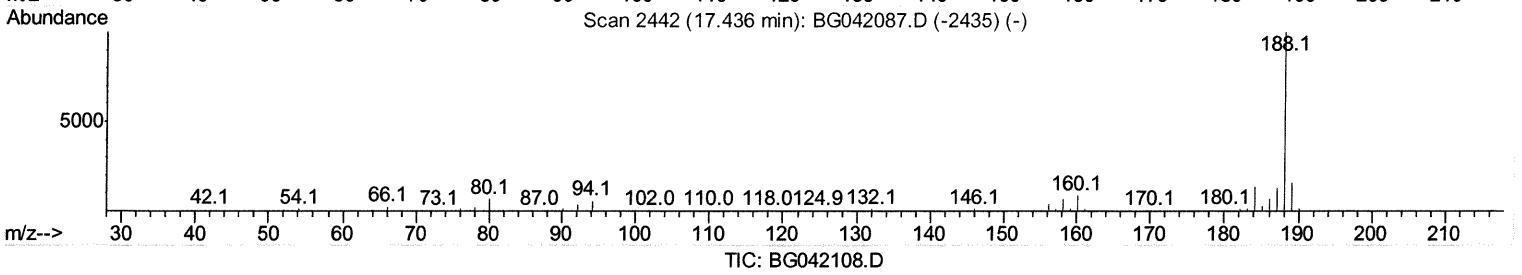
Quant Time: Aug 10 02:30:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENX1

Manual Integrations APPROVED
Sohil
8/13/2019 8:19:17 AM







TIC: BG042108.D

(61) Phenanthrene-d10 (I)

17.436min (-0.006) 20.00ng/ul m JU 08/12/19

response 470298

Ion	Exp%	Act%
188.00	100	100
94.00	7.00	5.54#
80.00	7.40	6.10
0.00	0.00	0.00

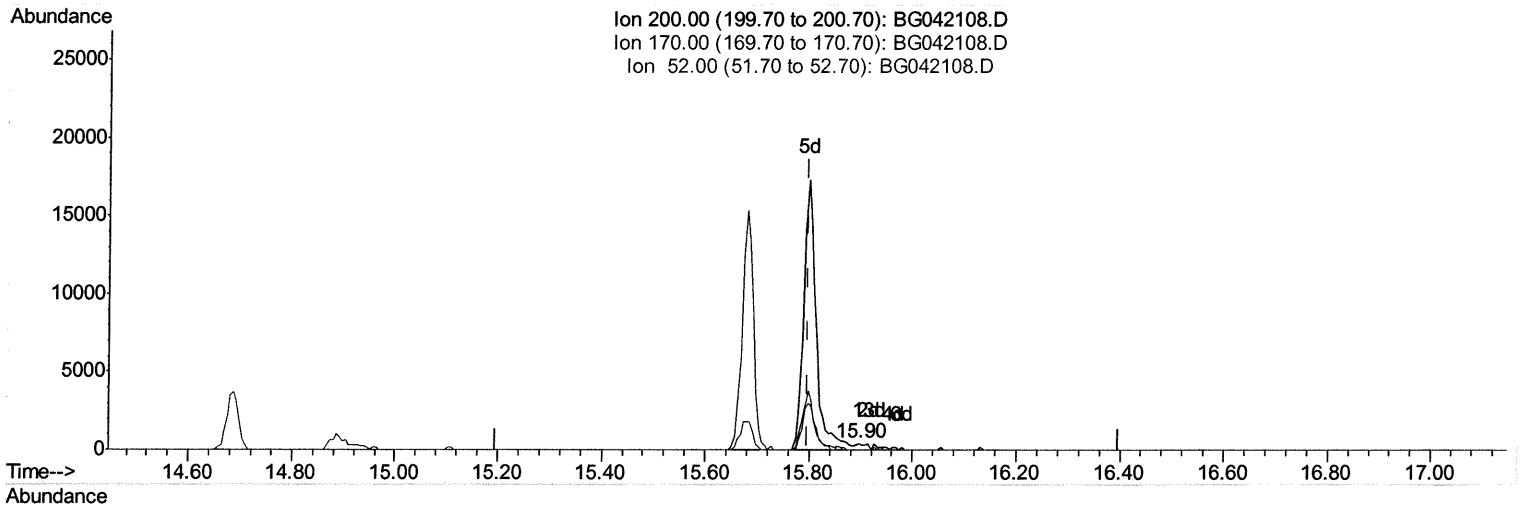
Quantitation Report (Qedit)

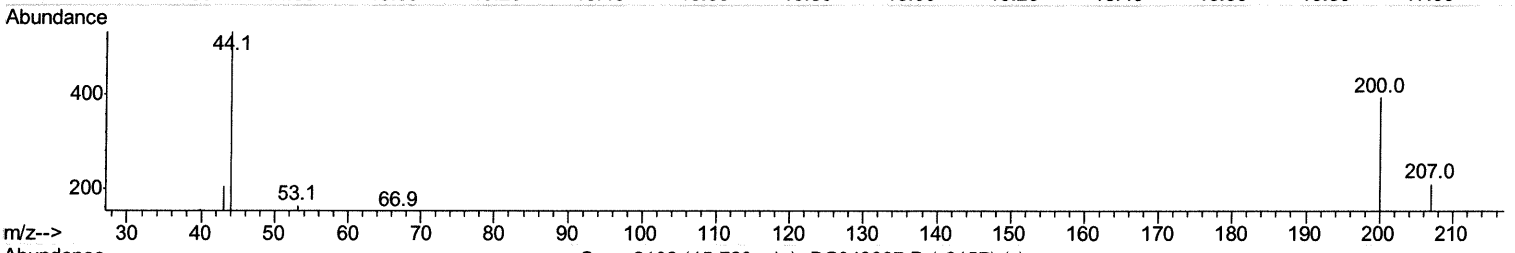
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042108.D
Acq On : 9 Aug 2019 18:53
Operator : HP/JU
Sample : K4041-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

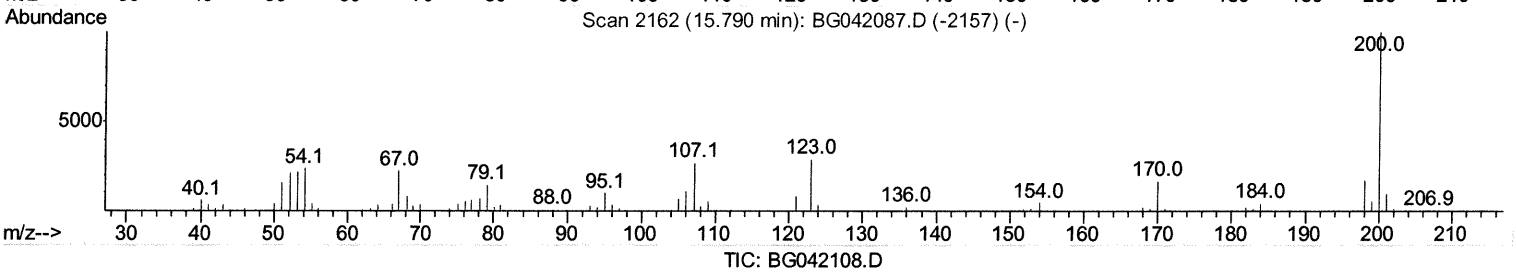
Quant Time: Aug 10 04:05:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENX1

Manual Integrations APPROVED
Sohil
8/13/2019 8:19:17 AM







TIC: BG042108.D

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

15.897min (+0.100) 0.15ng/ul

response 446

Ion	Exp%	Act%
200.00	100	100
170.00	15.80	0.00#
52.00	31.40	0.00#
0.00	0.00	0.00

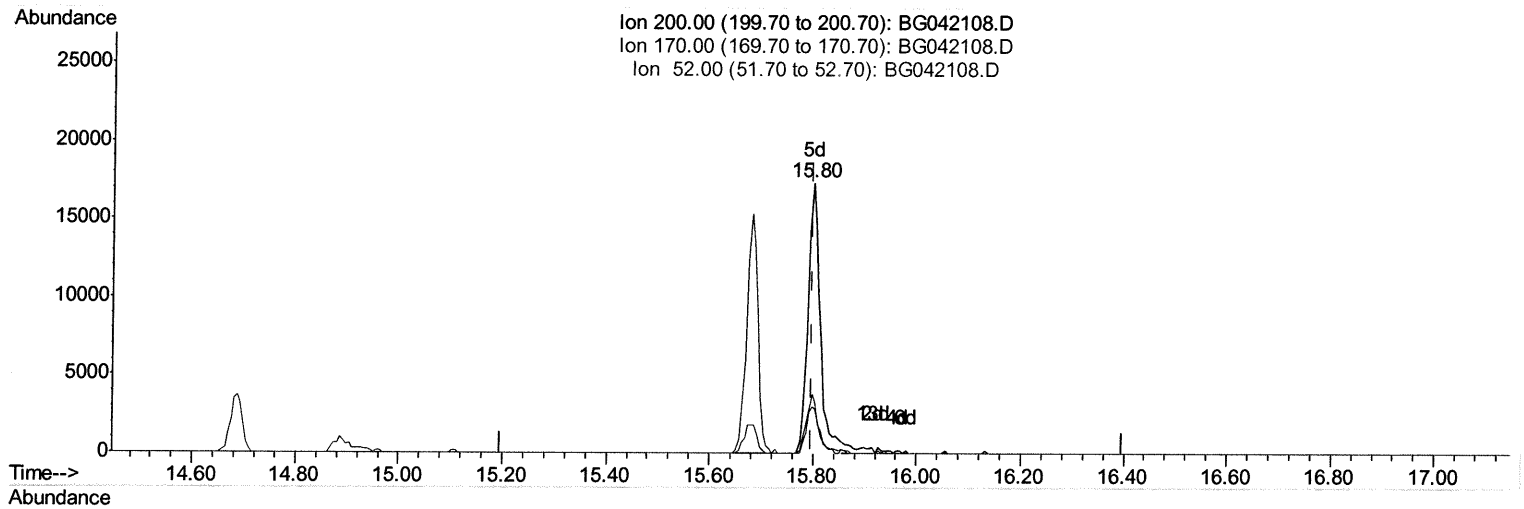
Quantitation Report (Qedit)

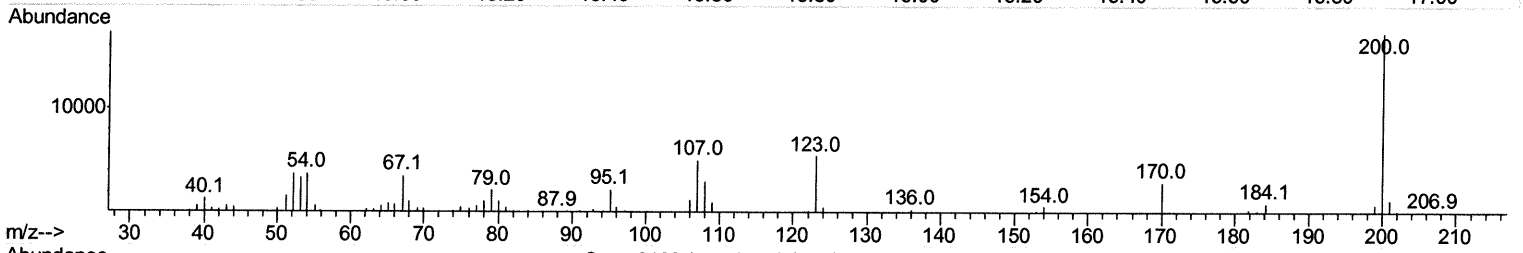
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042108.D
Acq On : 9 Aug 2019 18:53
Operator : HP/JU
Sample : K4041-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 10 04:05:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

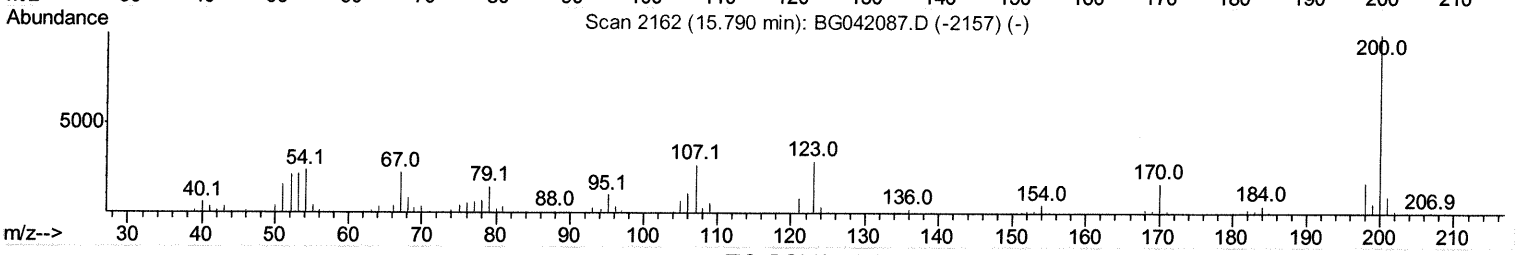
Instrument :
BNA_G
ClientSampleId :
BENX1

Manual Integrations APPROVED
Sohil
8/13/2019 8:19:17 AM





Scan 2162 (15.790 min): BG042087.D (-2157) (-)



TIC: BG042108.D

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

15.797min (+0.000) 9.72ng/ul m JJ 08/12/19

response 29339

Ion	Exp%	Act%
200.00	100	100
170.00	15.80	17.46
52.00	31.40	21.83#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042108.D
Acq On : 9 Aug 2019 18:53
Operator : HP/JU
Sample : K4041-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENX1

Manual Integrations APPROVED
Sohil
8/13/2019 8:19:17 AM

Quant Time: Aug 10 04:07:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	75783	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	315033	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	220283	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	470298m →	20.00	ng/ul >	0.00
77) Chrysene-d12	21.72	240	466307	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	527520	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	2841	1.64	ng/uL	0.00
5) Phenol-d5	7.18	99	64908	10.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	34790	10.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	61309	12.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	51015	10.22	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	29873	12.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	37116	13.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	66378	11.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	70450	11.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	223892	13.10	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	262360	13.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	21540	7.51	ng/ul	0.01
57) Fluorene-d10	15.68	176	200169	13.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	29339m →	9.72	ng/ul >	0.00
70) Anthracene-d10	17.54	188	307318	13.62	ng/ul	0.00
78) Pyrene-d10	19.82	212	357483	13.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	390621	14.17	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.21	94	10708	1.744	ng/ul	90
44) Dimethylphthalate	14.13	163	52064	3.069	ng/ul	98

JU 08/12/19

JU 08/12/19

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