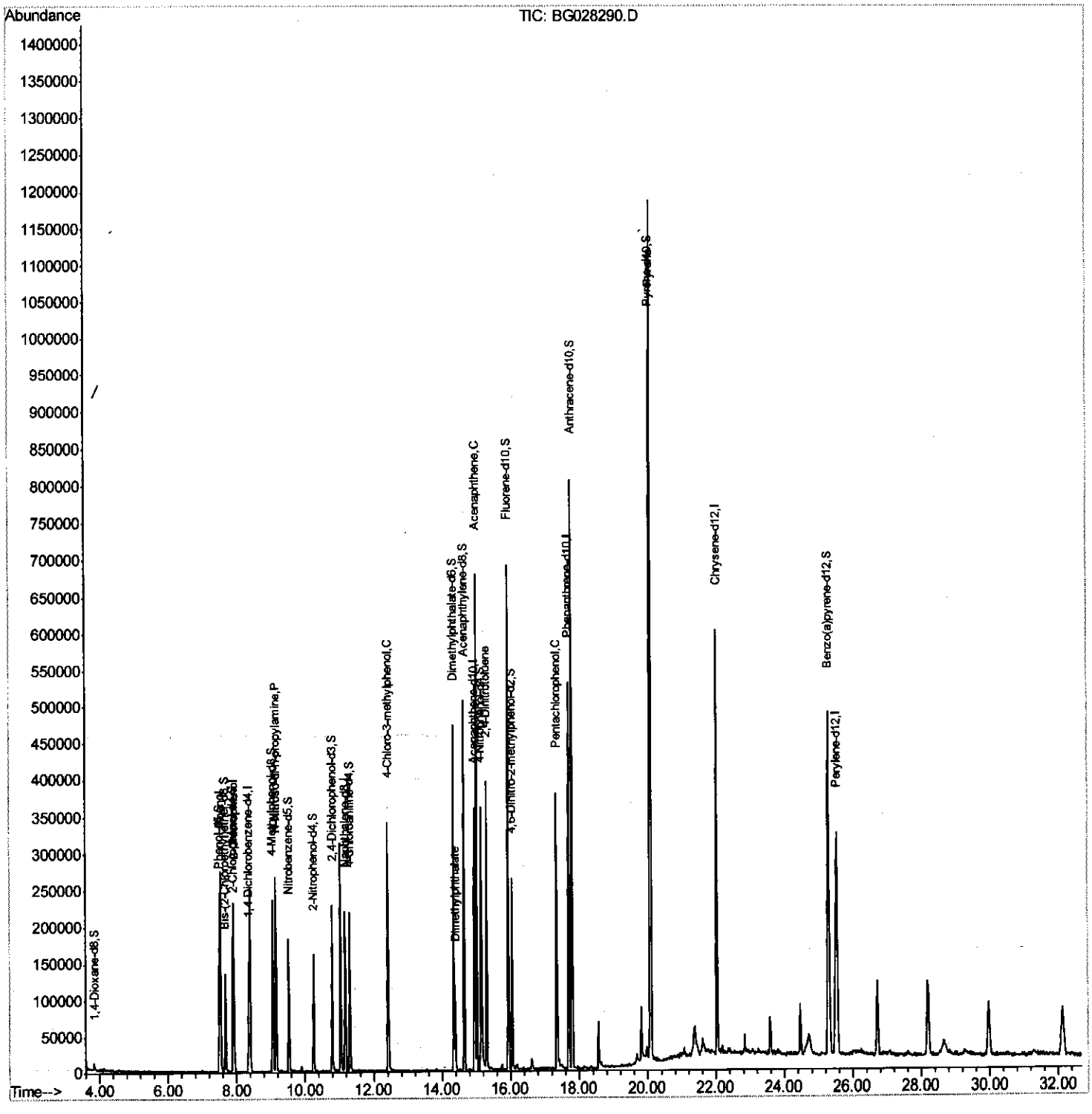
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081017\
Data File : BG028290.D
Acq On : 11 Aug 2017 14:00
Operator : SJ/JU
Sample : I4451-03MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 11 16:01:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
H2TR9MSD

Manual Integrations APPROVED
Sohil
8/14/2017 4:03:29 PM



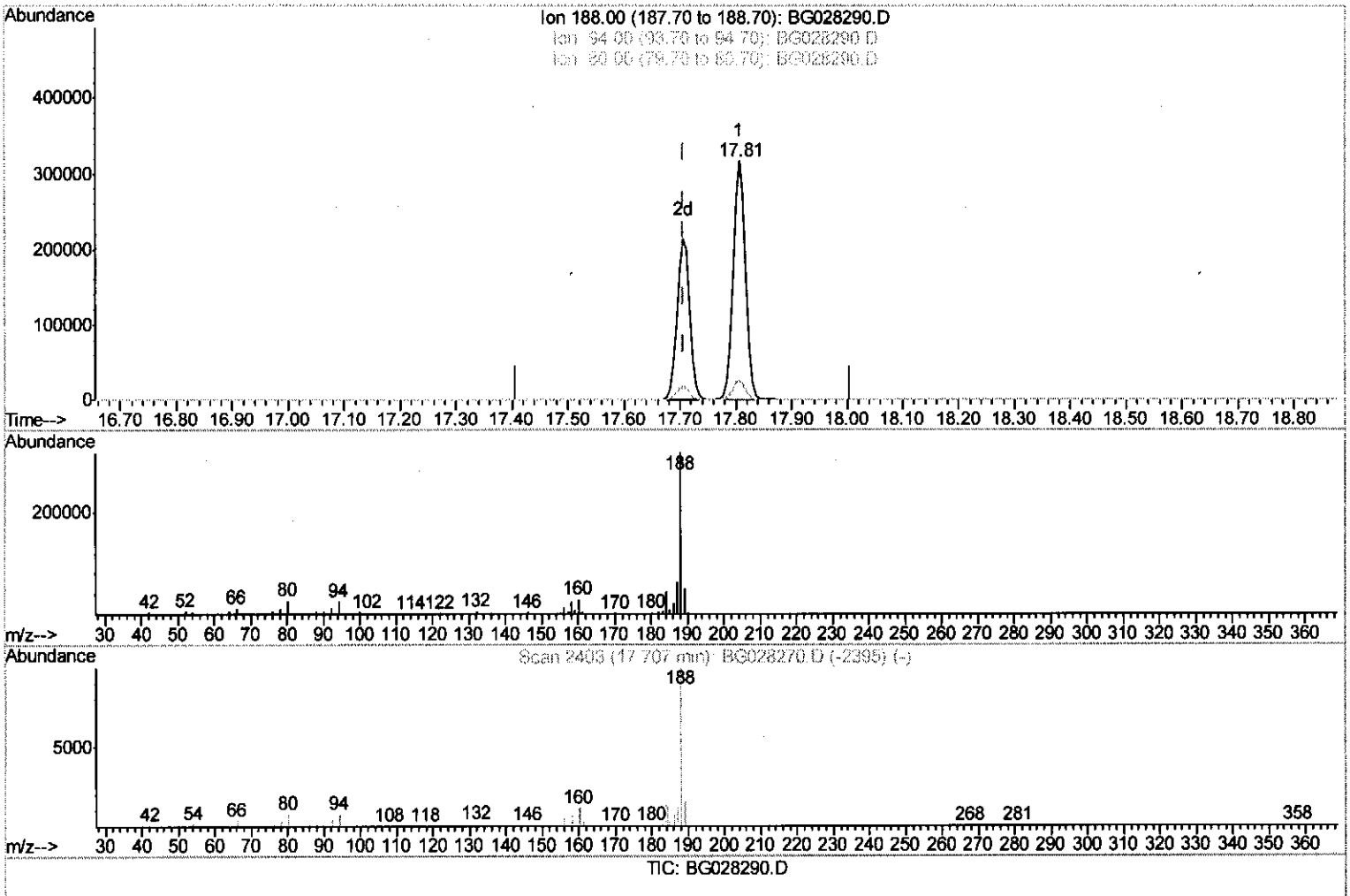
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081017\
Data File : BG028290.D
Acq On : 11 Aug 2017 14:00
Operator : SJ/JU
Sample : I4451-03MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 11 14:38:30 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
H2TR9MSD

Manual Integrations APPROVED
Sohil
8/14/2017 4:03:29 PM



TIC: BG028290.D

(61) Phenanthrene-d10 (I)

17.806min (+0.099) 20.00ng/ul

response 485186

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.01
80.00	9.50	8.32
0.00	0.00	0.00

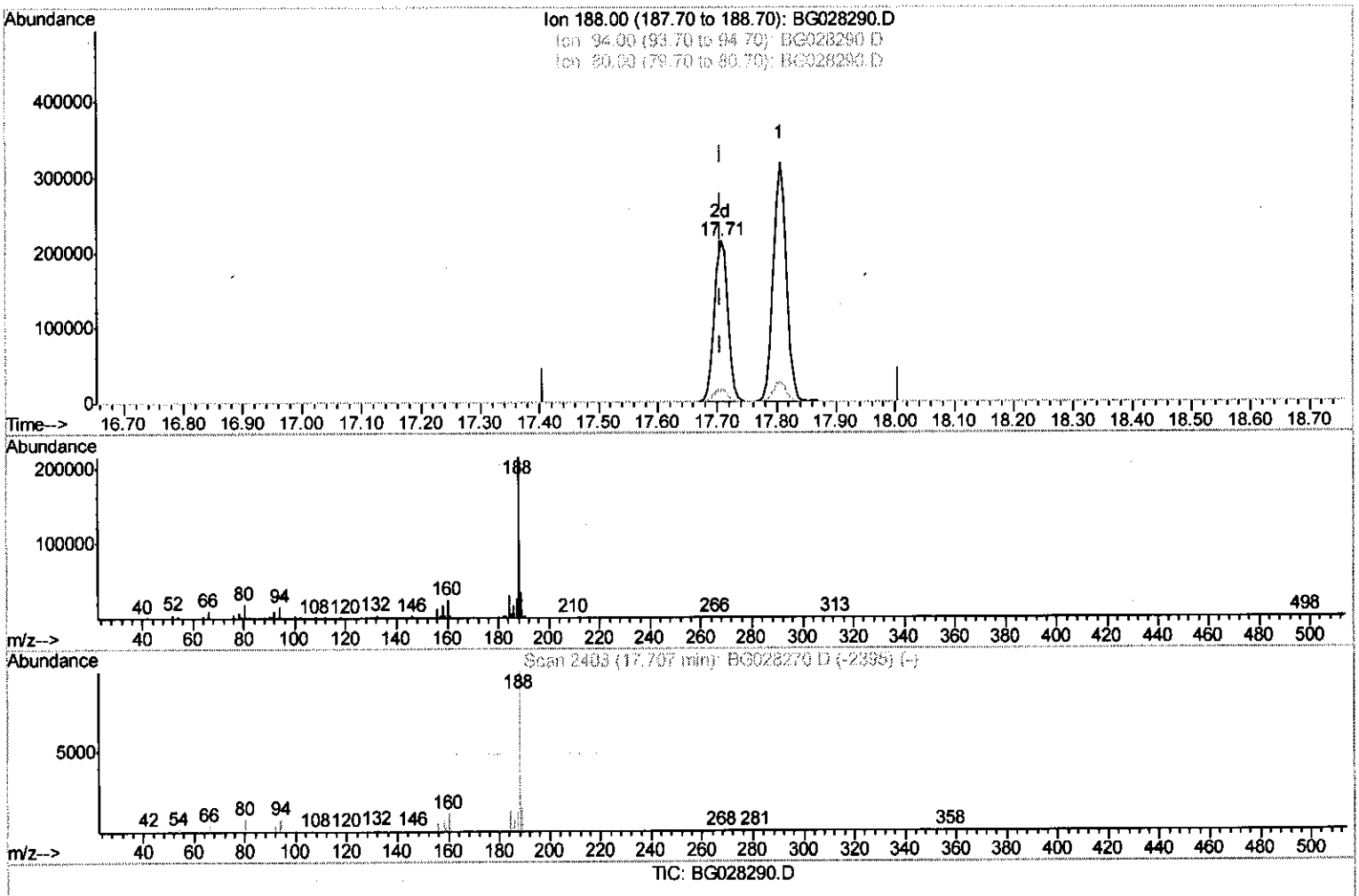
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081017\
Data File : BG028290.D
Acq On : 11 Aug 2017 14:00
Operator : SJ/JU
Sample : I4451-03MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 11 14:38:30 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
H2TR9MSD

Manual Integrations APPROVED
Sohil
8/14/2017 4:03:29 PM



TIC: BG028290.D

(61) Phenanthrene-d10 (I)

17.706min (-0.001) 20.00ng/ul m 8/14/17

response 335952

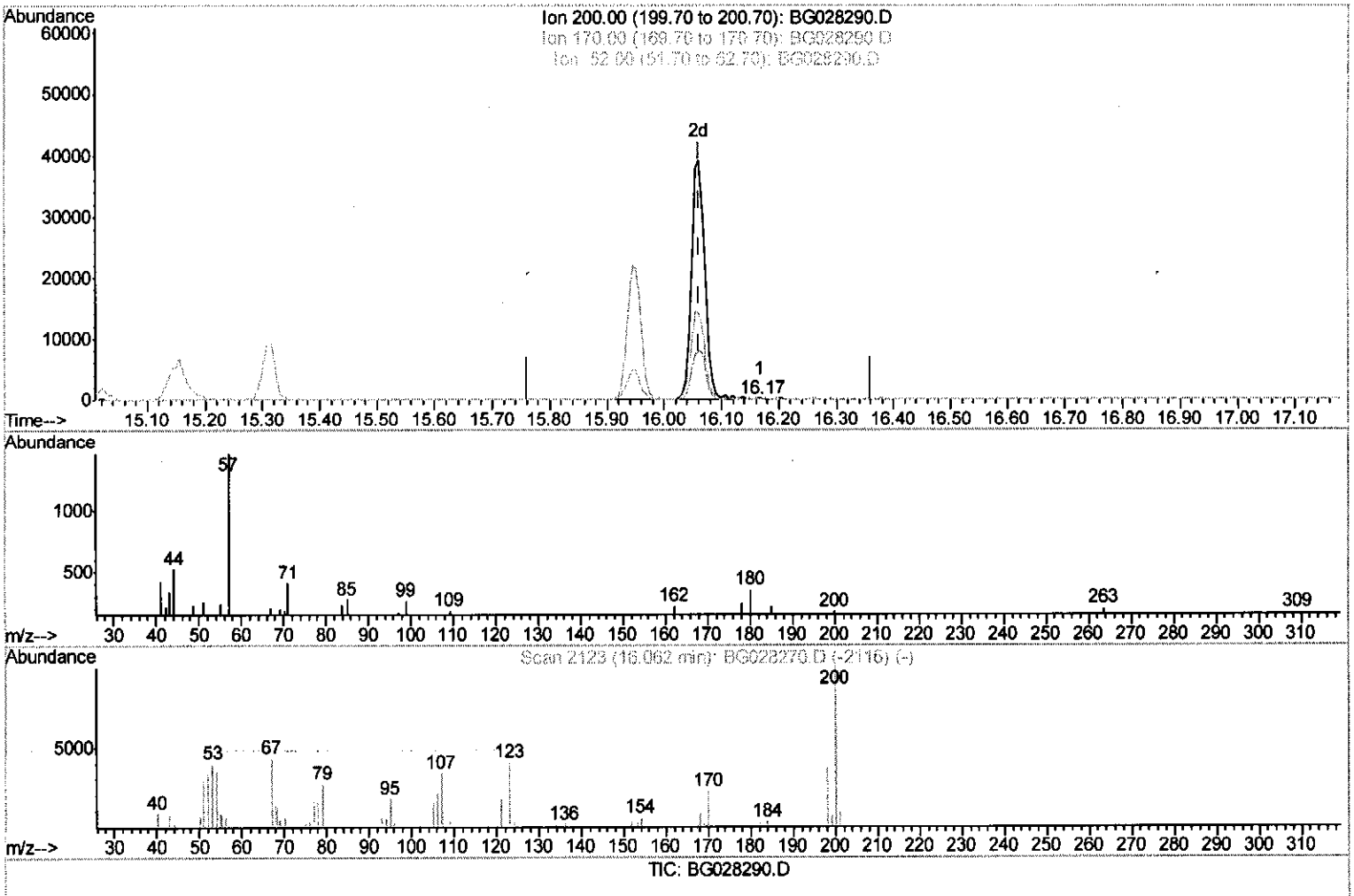
Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.03#
80.00	9.50	8.42
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081017\
Data File : BG028290.D
Acq On : 11 Aug 2017 14:00
Operator : SJ/JU
Sample : I4451-03MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 11 15:59:05 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
H2TR9MSD

Manual Integrations APPROVED
Sohil
8/14/2017 4:03:29 PM



TIC: BG028290.D

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

16.167min (+0.105) 0.06ng/ul

response 122

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	0.00#
52.00	47.20	0.00#
0.00	0.00	0.00

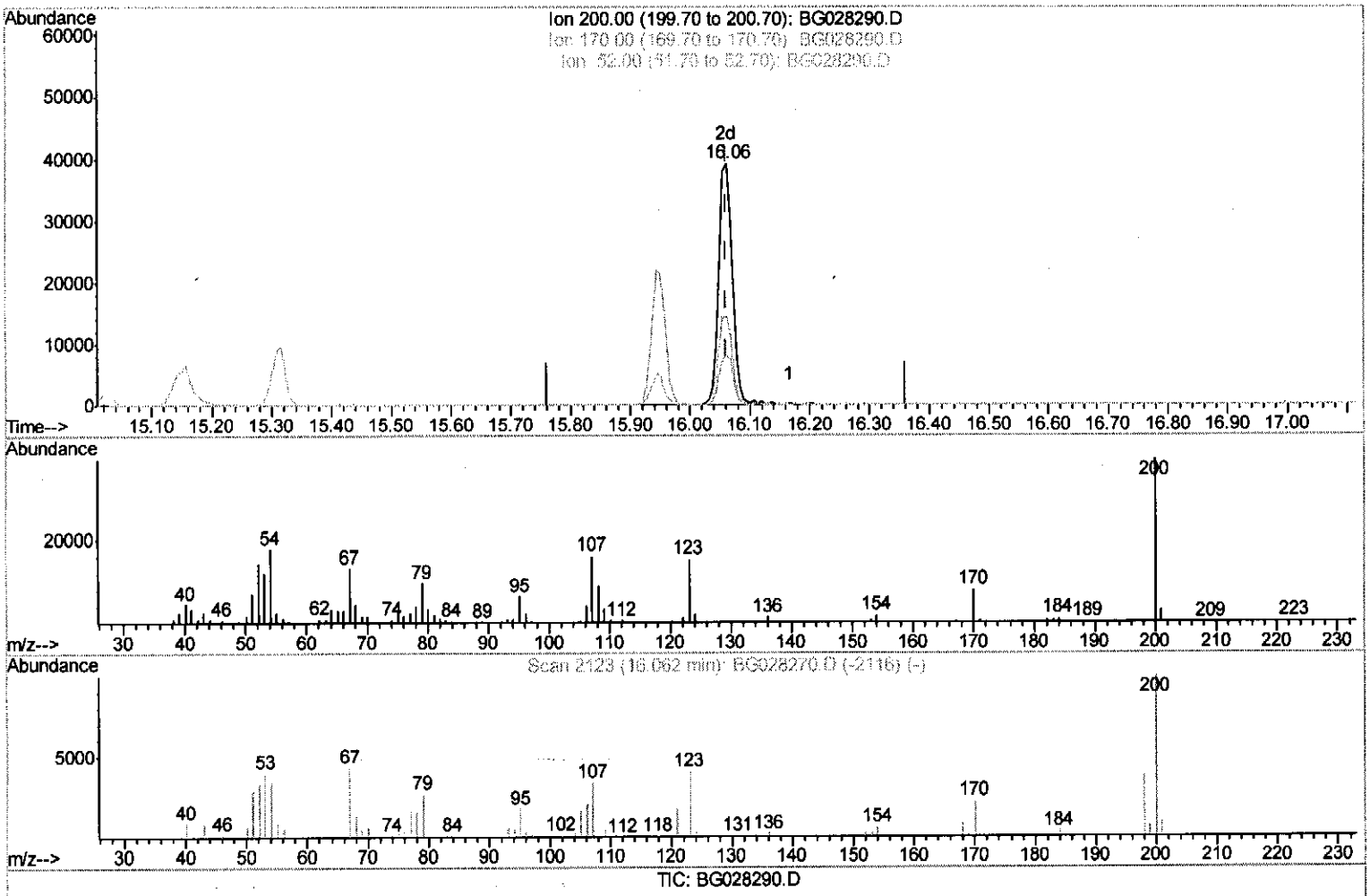
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081017\
Data File : BG028290.D
Acq On : 11 Aug 2017 14:00
Operator : SJ/JU
Sample : I4451-03MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 11 15:59:05 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
H2TR9MSD

Manual Integrations APPROVED
Sohil
8/14/2017 4:03:29 PM



TIC: BG028290.D

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

16.061min (-0.001) 27.85ng/ul m JAS 8/14/17

response 60790

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	20.44
52.00	47.20	36.42#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081017\
Data File : BG028290.D
Acq On : 11 Aug 2017 14:00
Operator : SJ/JU
Sample : I4451-03MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 11 16:01:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : H2TR9MSD

Manual Integrations APPROVED
Sohil
8/14/2017 4:03:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	38221	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	177607	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	128867	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	335952m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	383278	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	376080	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	5258	6.41	ng/uL	0.00
5) Phenol-d5	7.50	99	111548	26.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	71663	26.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	79894	30.17	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	92254	26.30	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	41512	29.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	49468	32.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	91311	28.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	116716	33.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	329626	28.76	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	369785	28.62	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	50749	27.85	ng/ul	0.00
57) Fluorene-d10	15.95	176	284203	27.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	60790m	27.85	ng/ul	0.00
70) Anthracene-d10	17.81	188	485186	30.12	ng/ul	0.00
76) Pyrene-d10	20.08	212	563241	28.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	517998	29.42	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.53	94	143488	34.395	ng/ul#	88
10) 2-Chlorophenol	7.92	128	90116	34.921	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.15	70	95947	33.740	ng/ul	90
33) 4-Chloro-3-methylphenol	12.42	107	130078	35.533	ng/ul	99
44) Dimethylphthalate	14.39	163	73989	7.011	ng/ul#	95
49) Acenaphthene	15.02	153	291427	34.974	ng/ul	96
52) 4-Nitrophenol	15.16	109	60970	32.289	ng/ul	82
54) 2,4-Dinitrotoluene	15.31	165	116283	35.214	ng/ul#	92
68) Pentachlorophenol	17.35	266	77777	39.947	ng/ul	91
77) Pyrene	20.11	202	761257	33.291	ng/ul	98

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