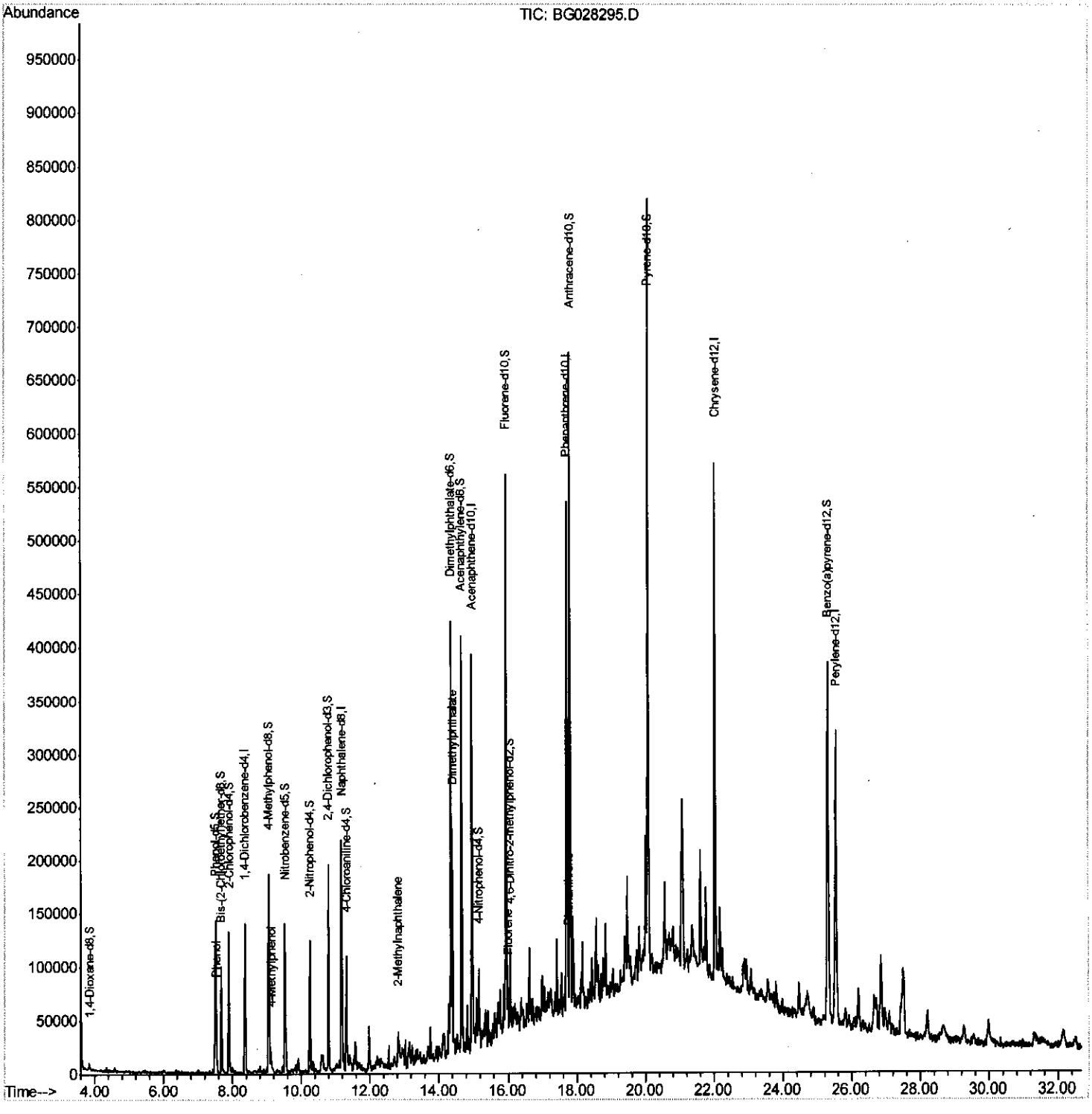
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
Data File : BG028295.D
Acq On : 11 Aug 2017 18:18
Operator : SJ/JU
Sample : I4557-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 11 23:17:47 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 22:57:36 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AC5

Manual Integrations APPROVED
sohil
8/14/2017 6:58:07 PM



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
Data File : BG028295.D
Acq On : 11 Aug 2017 18:18
Operator : SJ/JU
Sample : I4557-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 11 22:58:20 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 22:57:36 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AC5

Manual Integrations APPROVED
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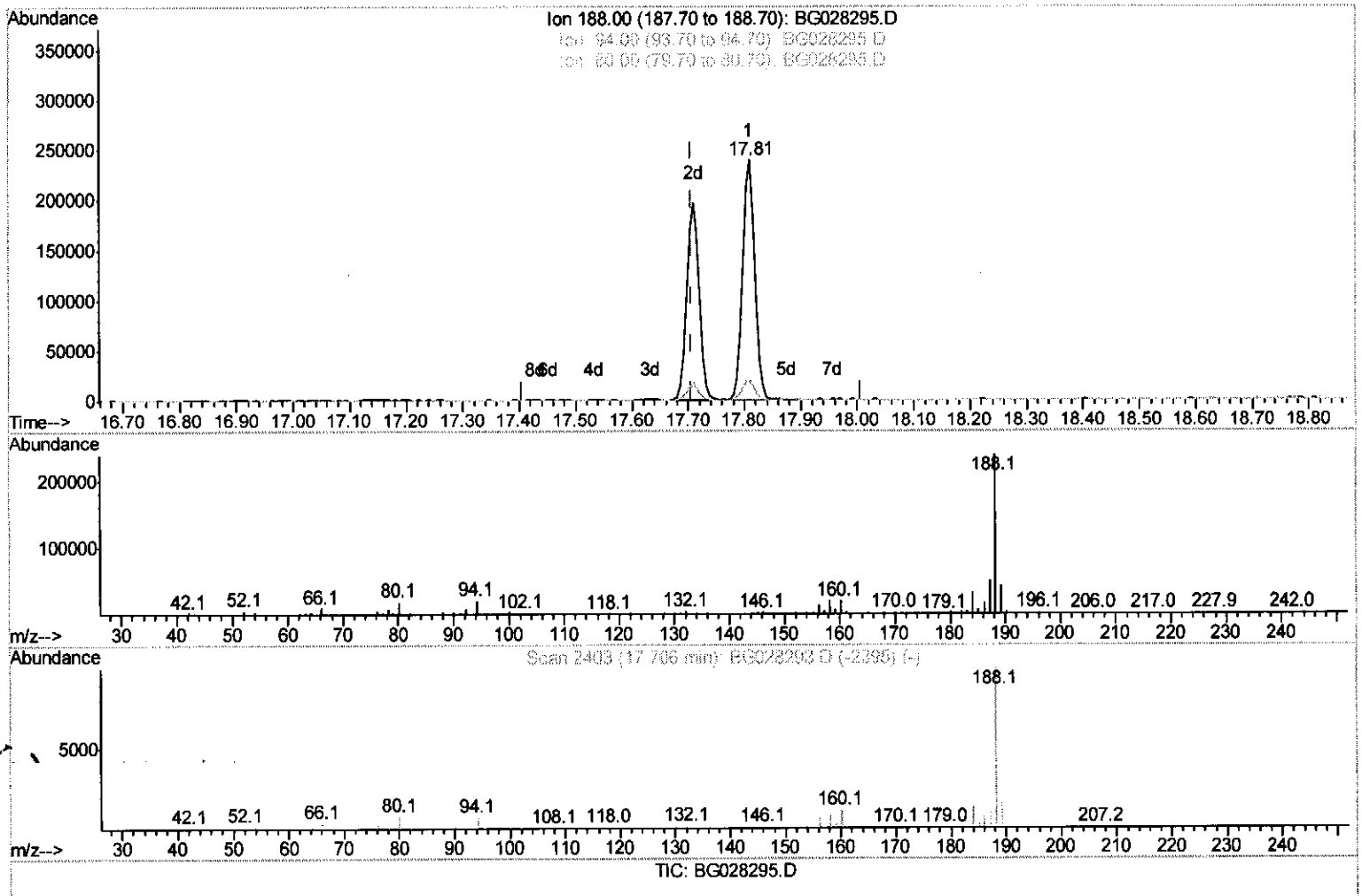


TIC: BG028295.D

(61) Phenanthrene-d10 (I)

17.809min (+0.104) 20.00ng/ul

response 360194

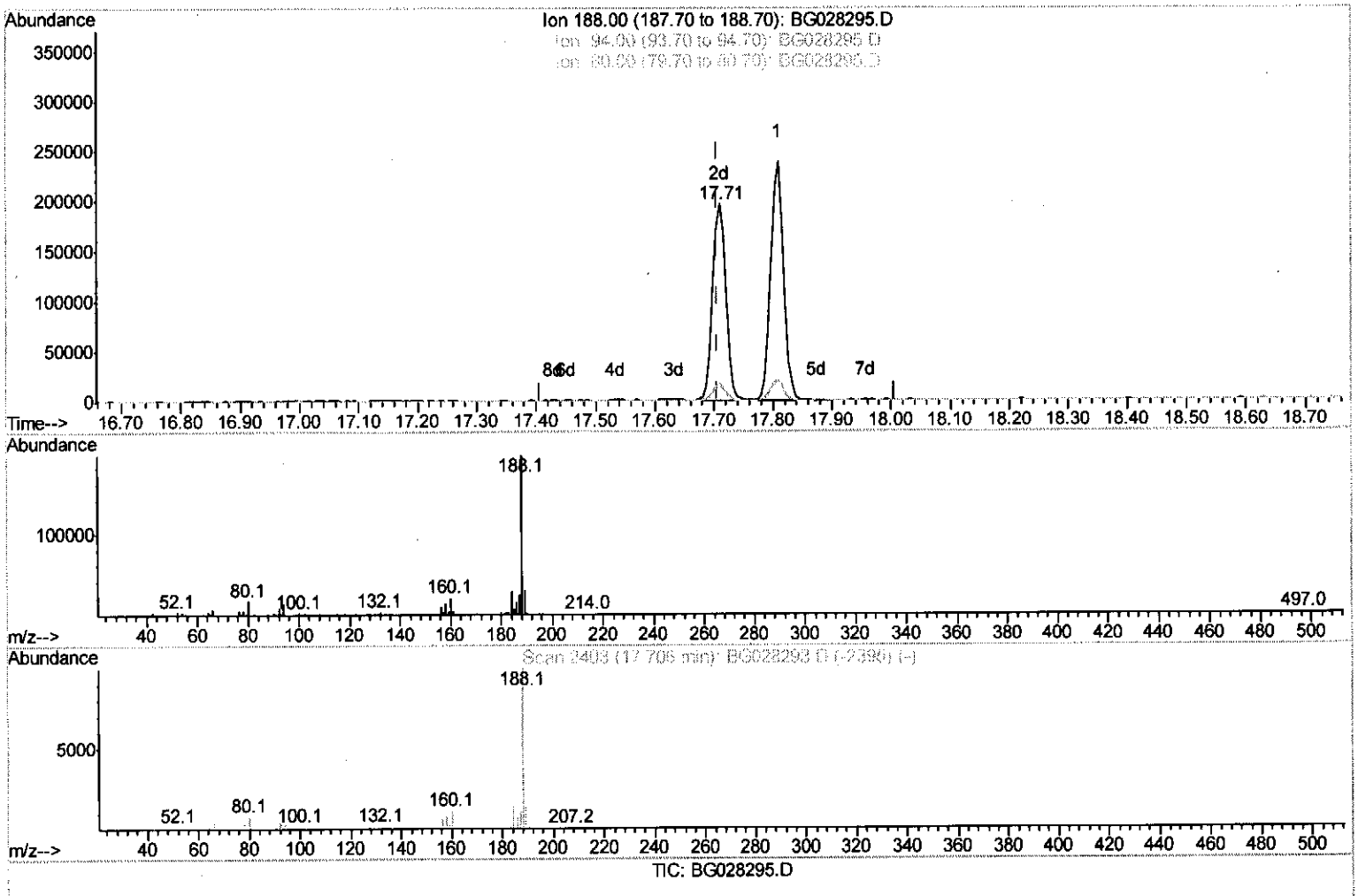
Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.34
80.00	9.50	7.89
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
Data File : BG028295.D
Acq On : 11 Aug 2017 18:18
Operator : SJ/JU
Sample : I4557-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 11 22:58:20 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 22:57:36 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AC5

Manual Integrations APPROVED
sohil
8/14/2017 6:58:07 PM



TIC: BG028295.D

(61) Phenanthrene-d10 (I)

17.710min (+0.004) 20.00ng/ul m JLS 8/14/17

response 307443

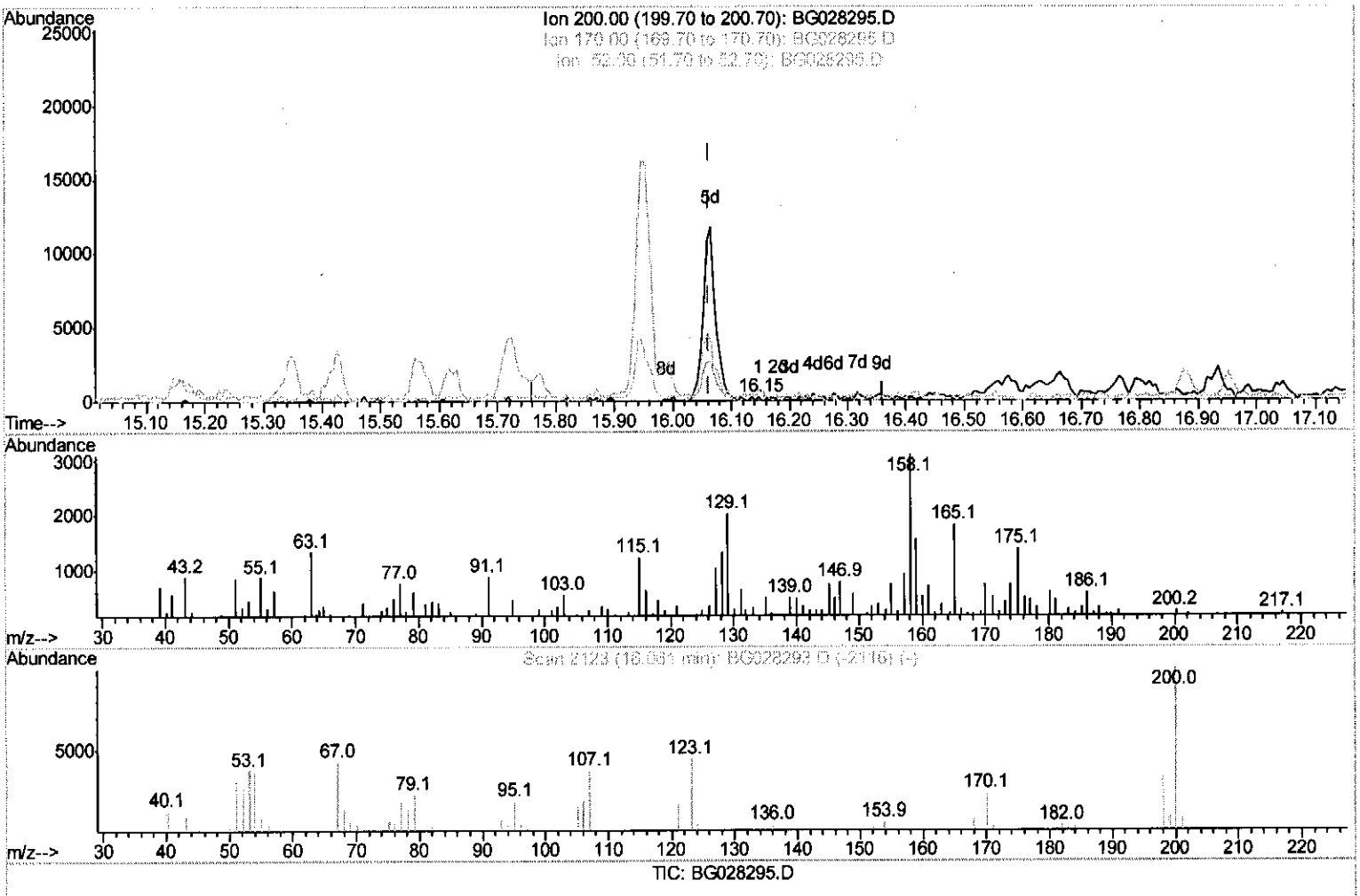
Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.95#
80.00	9.50	8.75
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
Data File : BG028295.D
Acq On : 11 Aug 2017 18:18
Operator : SJ/JU
Sample : I4557-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 11 23:09:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 22:57:36 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AC5

Manual Integrations APPROVED
sohil
8/14/2017 6:58:07 PM



TIC: BG028295.D

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

16.147min (+0.086) 0.08ng/ul

response 169

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	292.80#
52.00	47.20	129.20#
0.00	0.00	0.00

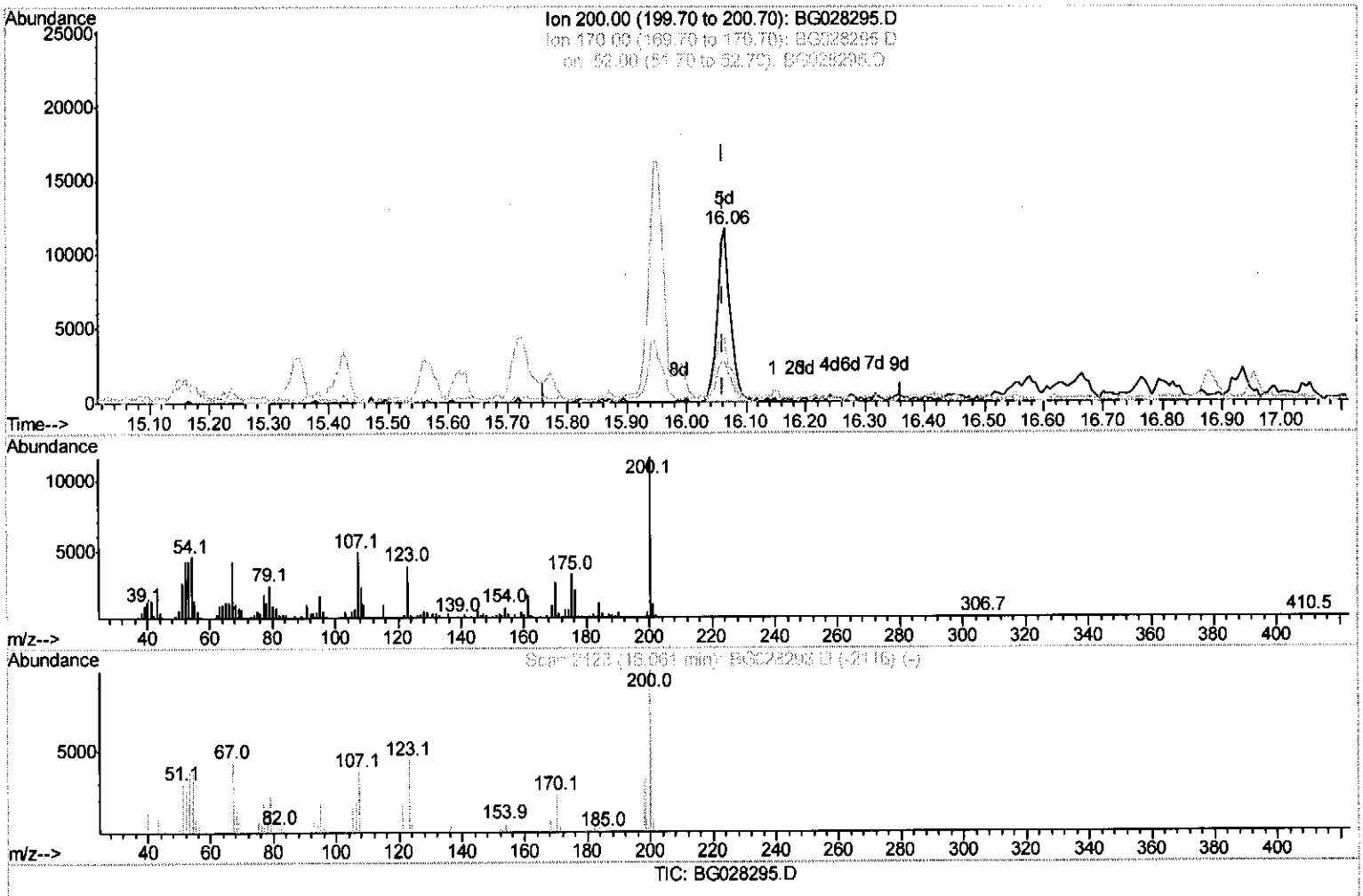
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
Data File : BG028295.D
Acq On : 11 Aug 2017 18:18
Operator : SJ/JU
Sample : I4557-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 11 23:09:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 22:57:36 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AC5

Manual Integrations APPROVED
sohil
8/14/2017 6:58:07 PM



TIC: BG028295.D

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

16.064min (+0.004) 8.90ng/ul m 8/14/17

response 17777

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	22.70
52.00	47.20	36.30#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
Data File : BG028295.D
Acq On : 11 Aug 2017 18:18
Operator : SJ/JU
Sample : I4557-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 11 23:17:47 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 22:57:36 2017
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C0AC5

Manual Integrations APPROVED
sohil
8/14/2017 6:58:07 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	37436	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	179808	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	130141	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	307443m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	322721	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	318934	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	3109	3.87	ng/uL	0.00
5) Phenol-d5	7.50	99	81779	19.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	53450	20.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	56500	21.78	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	72439	21.08	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	31863	22.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	38324	24.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	71474	22.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	61557	17.34	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	269042	23.24	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	300583	23.03	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	17174	9.33	ng/ul	0.00
57) Fluorene-d10	15.95	176	228664	22.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	17777m	8.90	ng/ul	0.00
70) Anthracene-d10	17.81	188	360506	24.45	ng/ul	0.00
76) Pyrene-d10	20.08	212	399656	24.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	367597	24.62	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.53	94	14819	3.627	ng/ul	88
16) 4-Methylphenol	9.11	108	7603	2.335	ng/ul	100
34) 2-Methylnaphthalene	12.80	142	15895	2.222	ng/ul	100
44) Dimethylphthalate	14.40	163	132036	12.389	ng/ul#	97
58) Fluorene	16.01	166	13881	1.278	ng/ul	99
69) Phenanthrene	17.76	178	21462	1.387	ng/ul	97

JLL 8/14/17

JLL 8/14/17

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