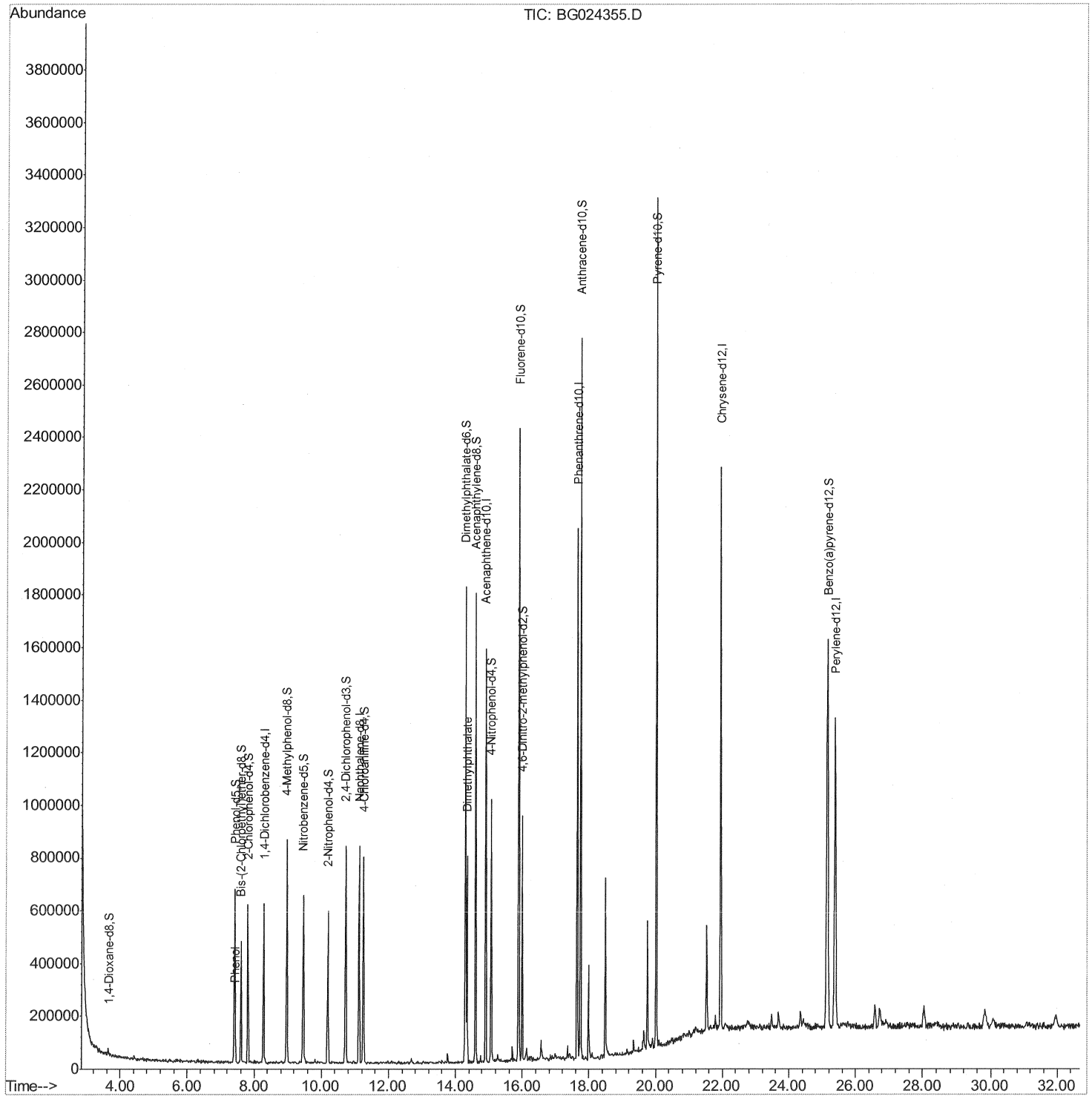
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101416\
Data File : BG024355.D
Acq On : 14 Oct 2016 17:10
Operator : UM/SJ
Sample : H5187-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 14 18:19:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 14 13:21:40 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BDPC1

Manual Integrations APPROVED
Umangi
10/17/2016 6:40:21 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101416\
Data File : BG024355.D
Acq On : 14 Oct 2016 17:10
Operator : UM/SJ
Sample : H5187-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 14 18:16:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 14 13:21:40 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BDPC1

Manual Integrations APPROVED
Umangi
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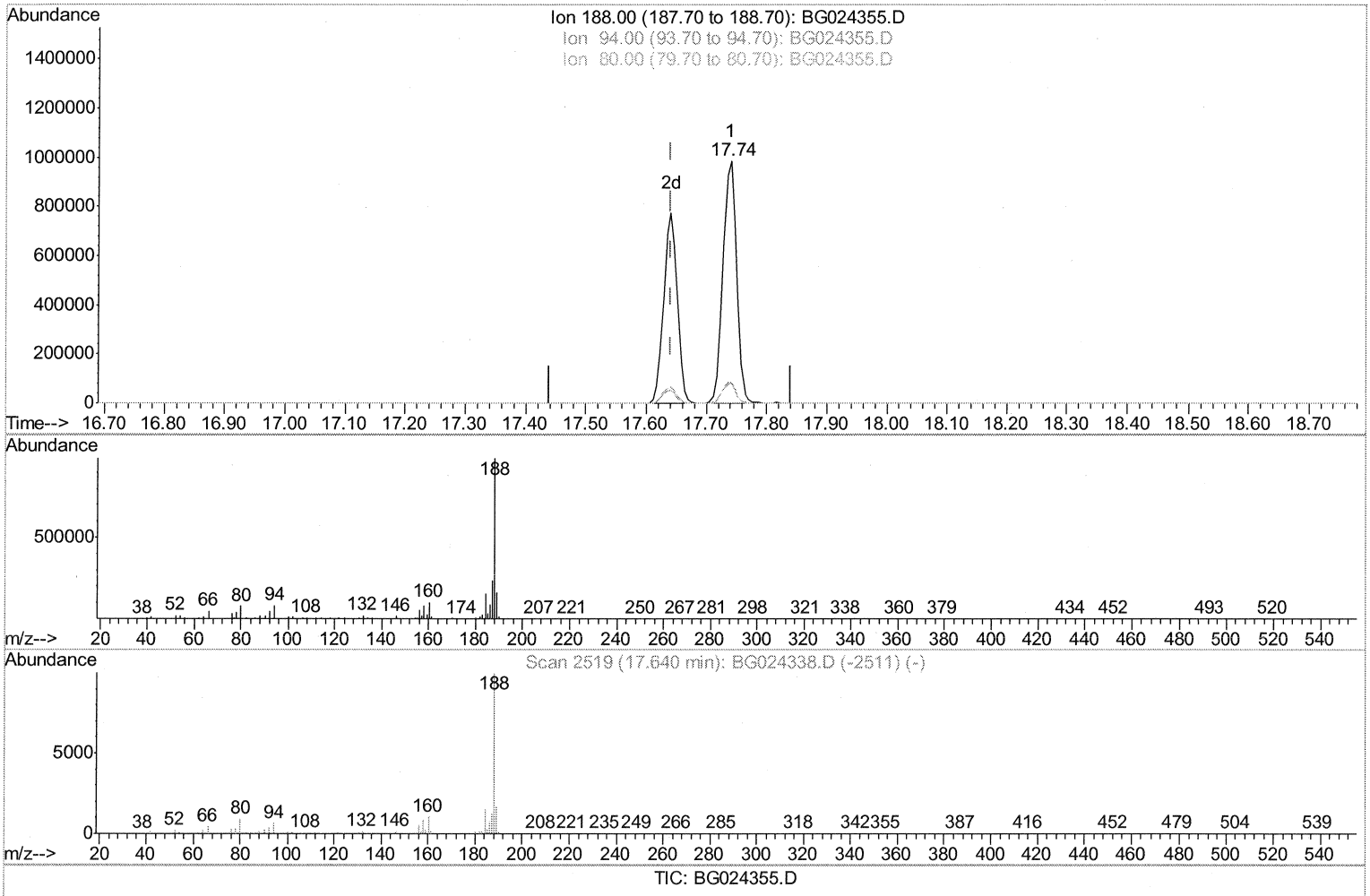


TIC: BG024355.D

(61) Phenanthrene-d10 (I)

17.740min (+0.100) 20.00ng/ul

response 1537764

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.49
80.00	9.50	8.00
0.00	0.00	0.00

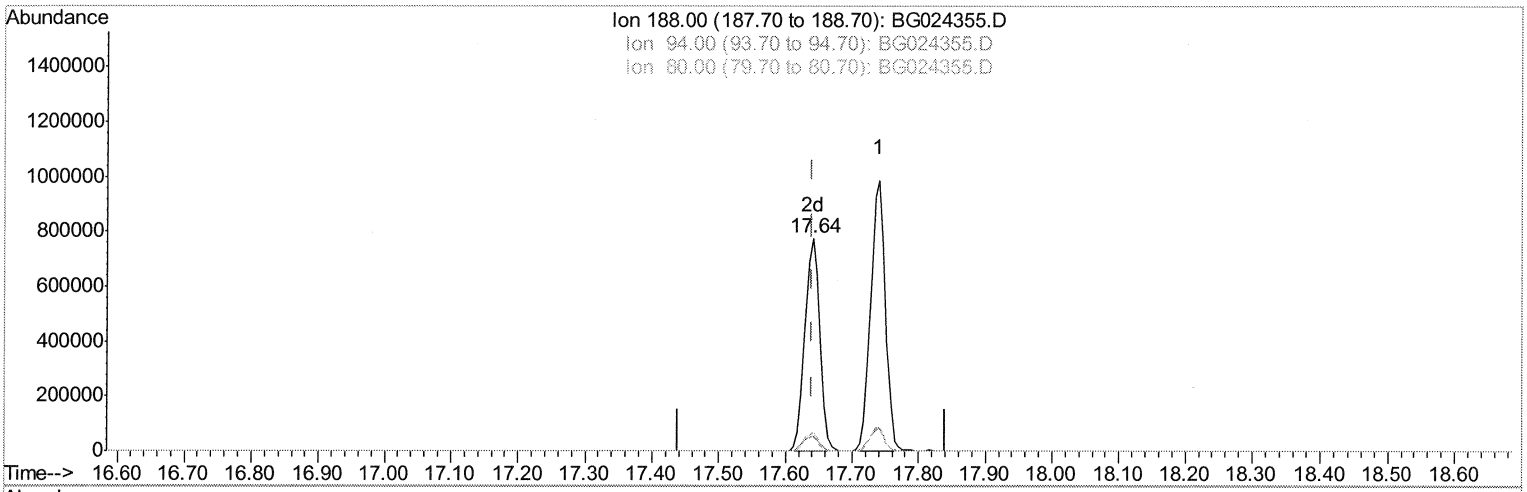
Quantitation Report (Qedit)

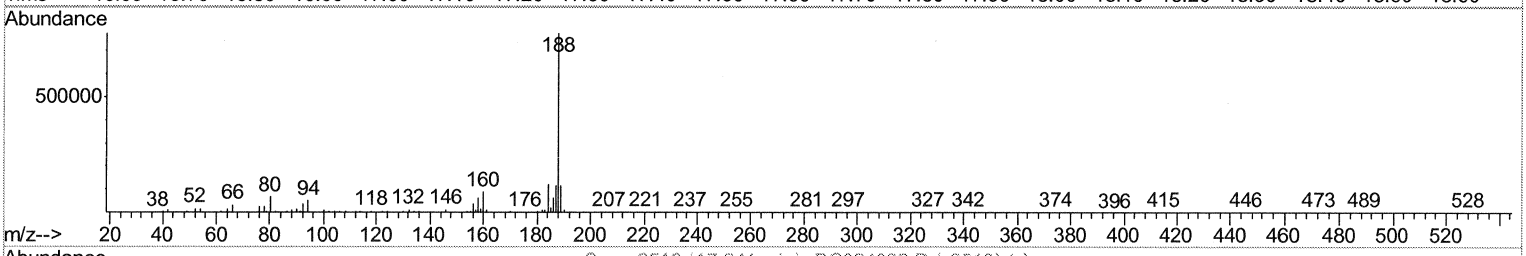
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101416\
Data File : BG024355.D
Acq On : 14 Oct 2016 17:10
Operator : UM/SJ
Sample : H5187-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

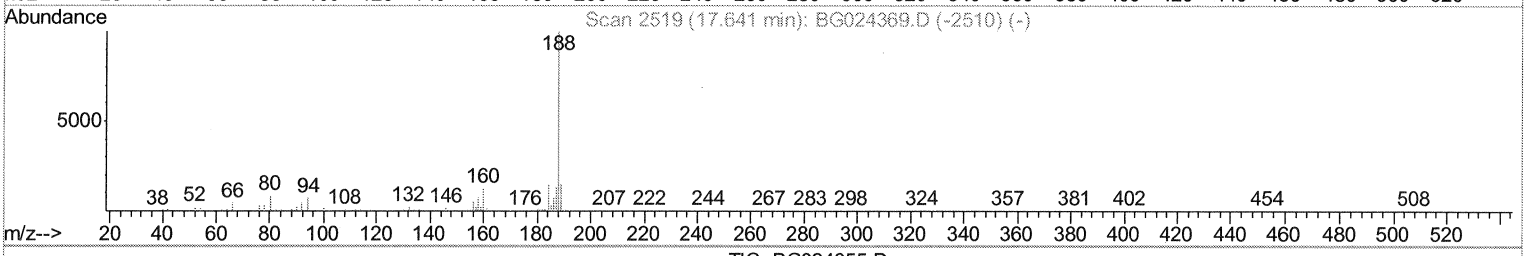
Quant Time: Oct 14 18:19:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 14 13:21:40 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BDPC1

Manual Integrations APPROVED
Umangi
10/17/2016 6:40:21 PM







TIC: BG024355.D

(61) Phenanthrene-d10 (I)

17.641min (+0.000) 20.00ng/ul m

response 1210109

SJ 10/17/16

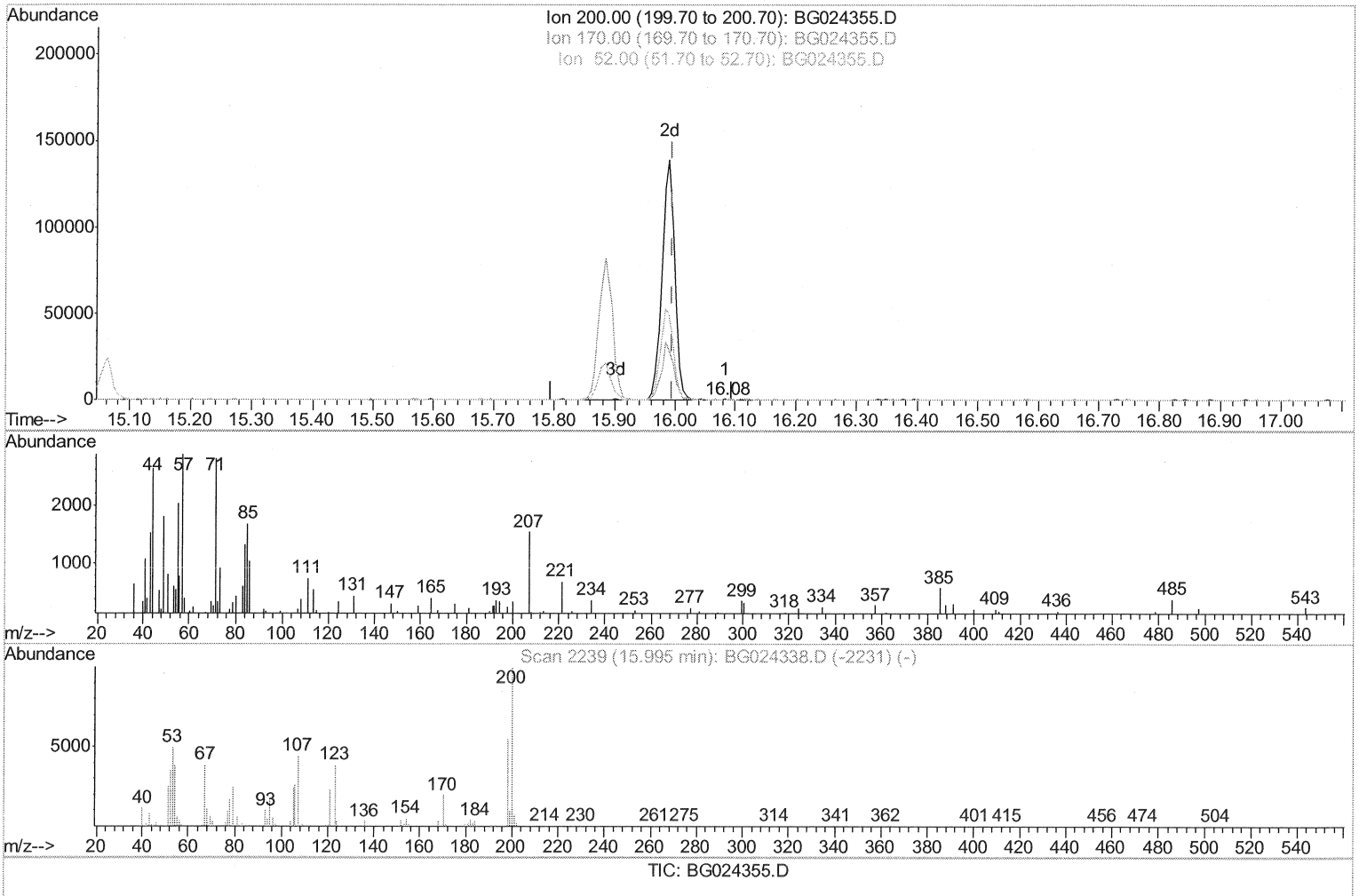
Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.80#
80.00	9.50	8.87
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101416\
Data File : BG024355.D
Acq On : 14 Oct 2016 17:10
Operator : UM/SJ
Sample : H5187-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 14 18:19:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 14 13:21:40 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BDPC1

Manual Integrations APPROVED
Umangi
10/17/2016 6:40:21 PM



TIC: BG024355.D

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

16.084min (+0.088) 0.06ng/ul

response 440

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

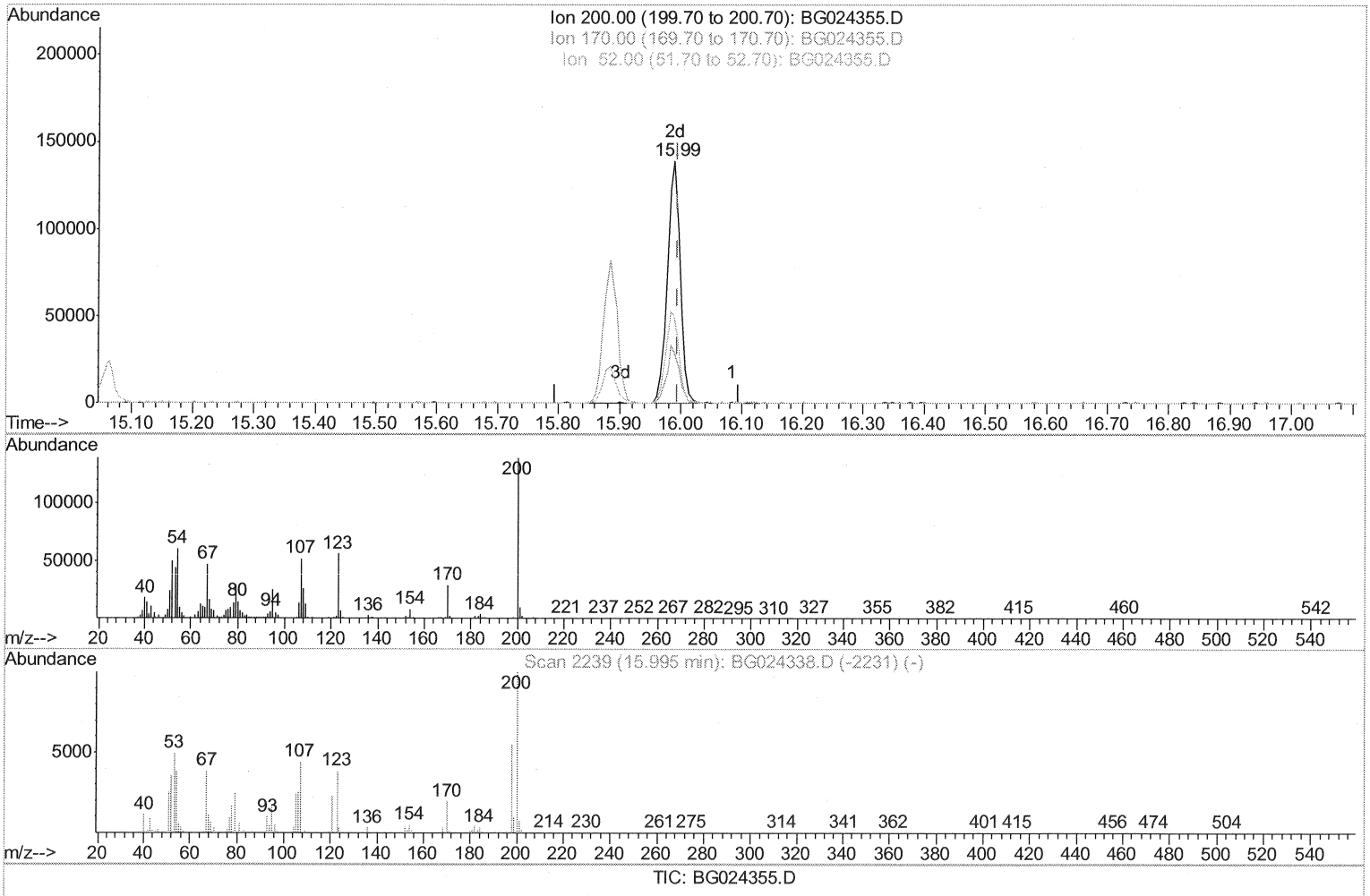
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101416\
Data File : BG024355.D
Acq On : 14 Oct 2016 17:10
Operator : UM/SJ
Sample : H5187-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 14 18:19:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 14 13:21:40 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BDPC1

Manual Integrations APPROVED
Umangi
10/17/2016 6:40:21 PM



TIC: BG024355.D

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

15.990min (-0.006) 28.10ng/ul m SJ 10/17/16

response 204351

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	20.68
52.00	47.20	35.69#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101416\
Data File : BG024355.D
Acq On : 14 Oct 2016 17:10
Operator : UM/SJ
Sample : H5187-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 14 18:19:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 14 13:21:40 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : BDPC1

Manual Integrations APPROVED
Umangi
10/17/2016 6:40:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	155556	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	671921	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	564599	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	1210109m	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1379853	20.00	ng/ul	0.00
83) Perylene-d12	25.38	264	1396951	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	13947	4.26	ng/uL	0.00
5) Phenol-d5	7.41	99	345989	23.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	243910	24.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	246800	24.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	308379	26.28	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	138408	29.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	157683	29.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	304082	26.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	365994	29.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	1085882	27.55	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	1259806	27.90	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	191459	27.39	ng/ul	0.00
57) Fluorene-d10	15.88	176	1012053	27.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	204351m	28.10	ng/ul	0.00
70) Anthracene-d10	17.74	188	1537764	28.13	ng/ul	0.00
76) Pyrene-d10	20.01	212	1735088	26.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.14	264	1797688	28.60	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.44	94	22455	1.52	ng/ul	92
44) Dimethylphthalate	14.34	163	472445	12.22	ng/ul	100

SJ 10/17/16

SJ 10/17/16

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