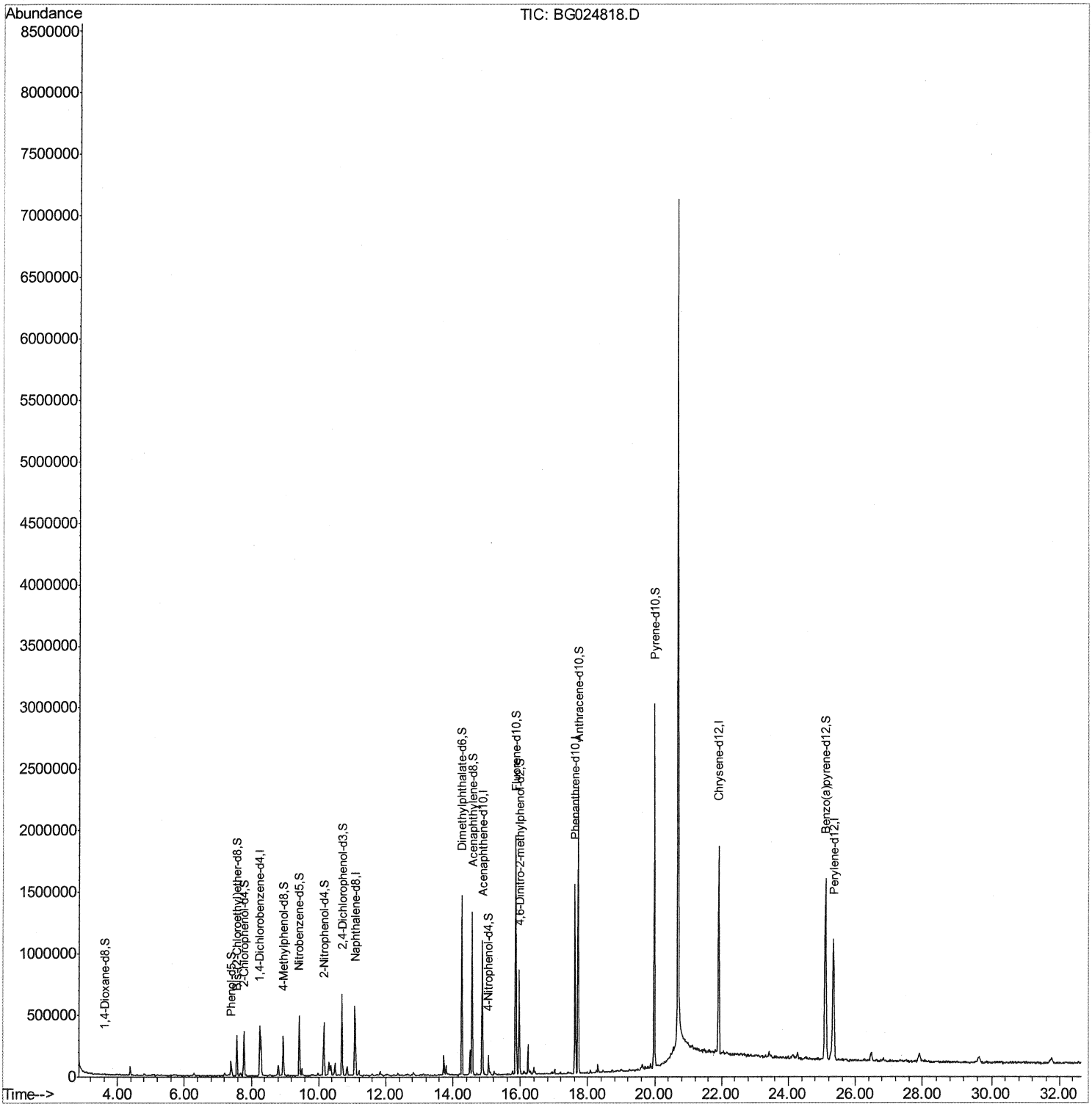
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024818.D
Acq On : 17 Nov 2016 00:08
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4WL3

Manual Integrations APPROVED
sohil
11/17/2016 5:41:09 PM

Quant Time: Nov 17 03:23:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 02:48:02 2016
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024818.D
Acq On : 17 Nov 2016 00:08
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 17 02:52:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 02:48:02 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WL3

Manual Integrations APPROVED
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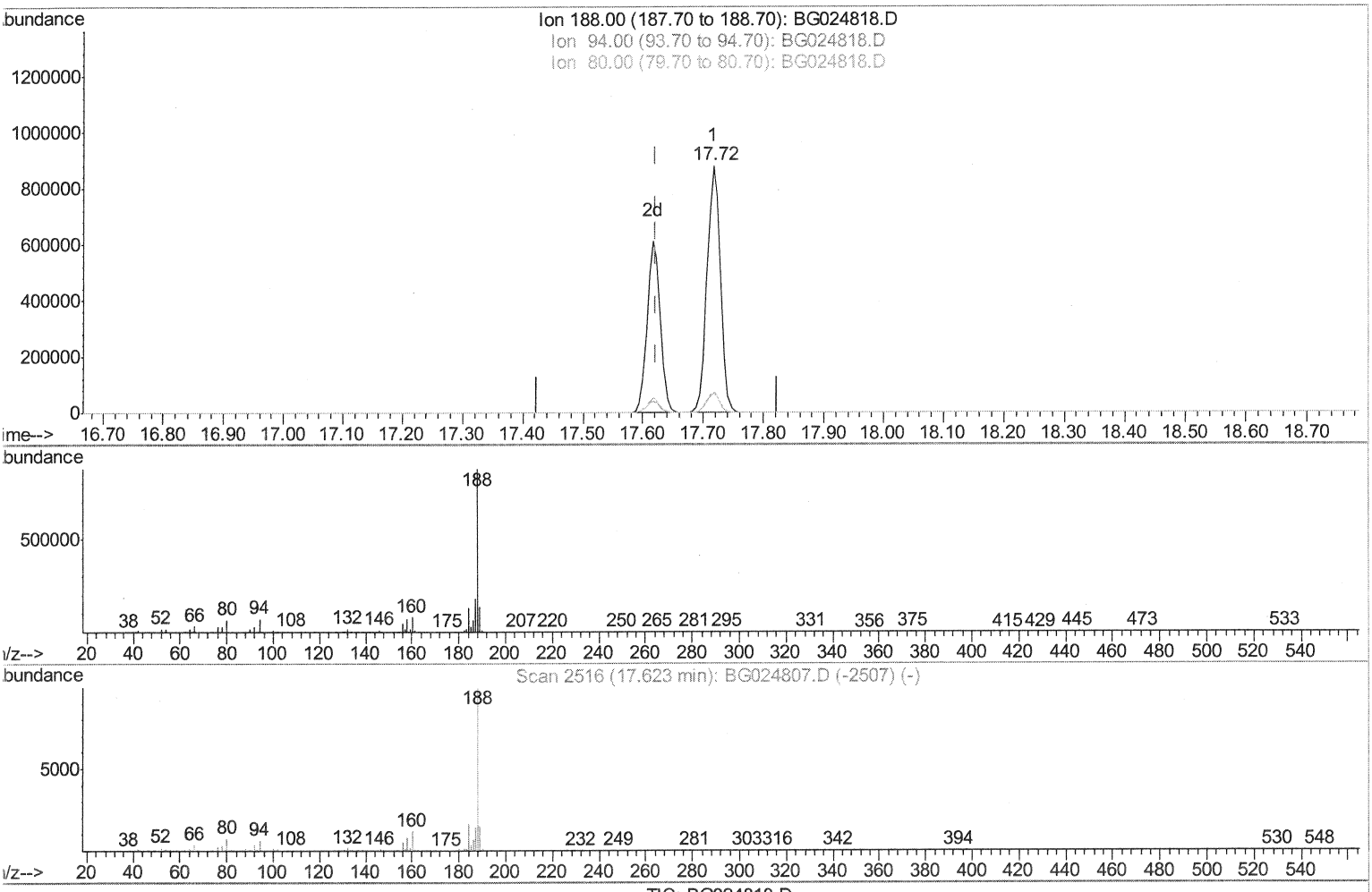


TIC: BG024818.D

(61) Phenanthrene-d10 (I)

17.718min (+0.094) 20.00ng/ul

response 1359713

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.31
80.00	9.50	7.90
0.00	0.00	0.00

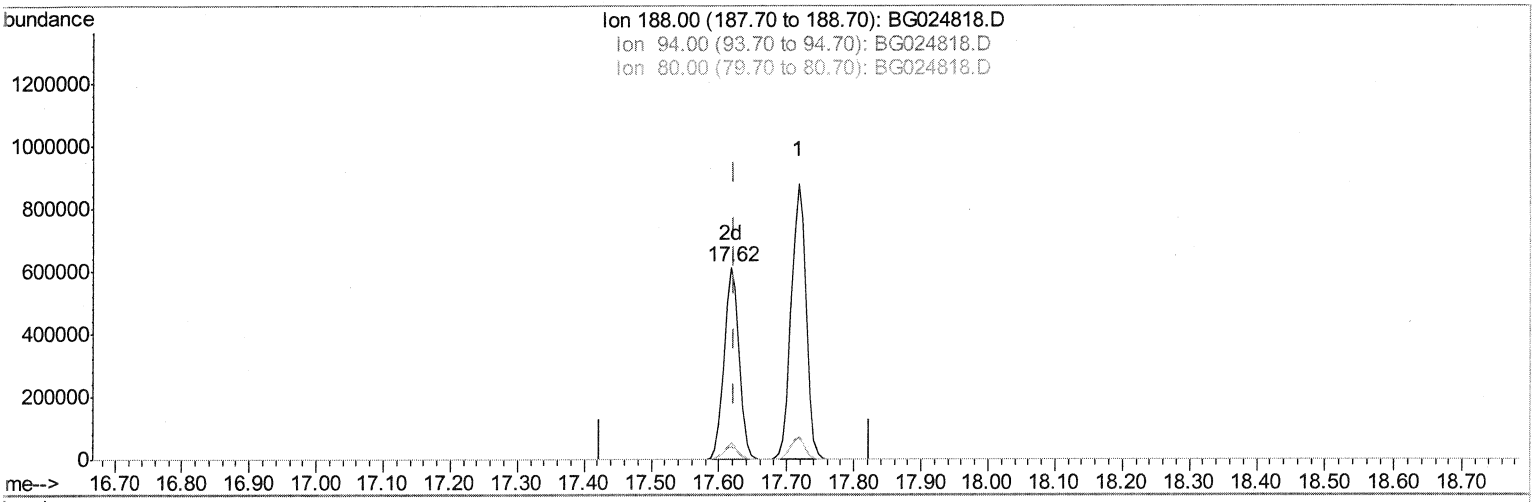
Quantitation Report (Qedit)

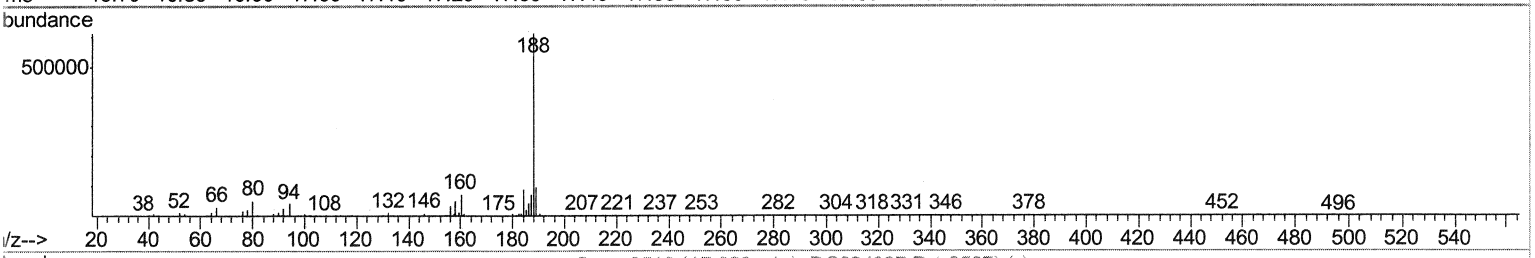
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024818.D
Acq On : 17 Nov 2016 00:08
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

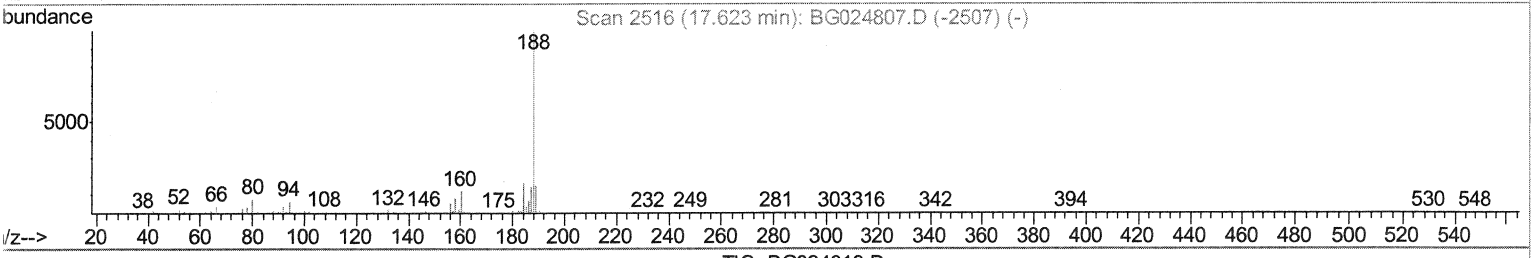
Quant Time: Nov 17 02:52:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 02:48:02 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WL3

Manual Integrations APPROVED
sohil
11/17/2016 5:41:09 PM







TIC: BG024818.D

(61) Phenanthrene-d10 (I)

17.618min (-0.005) 20.00ng/ul m SJ 11/18/16

response 946689

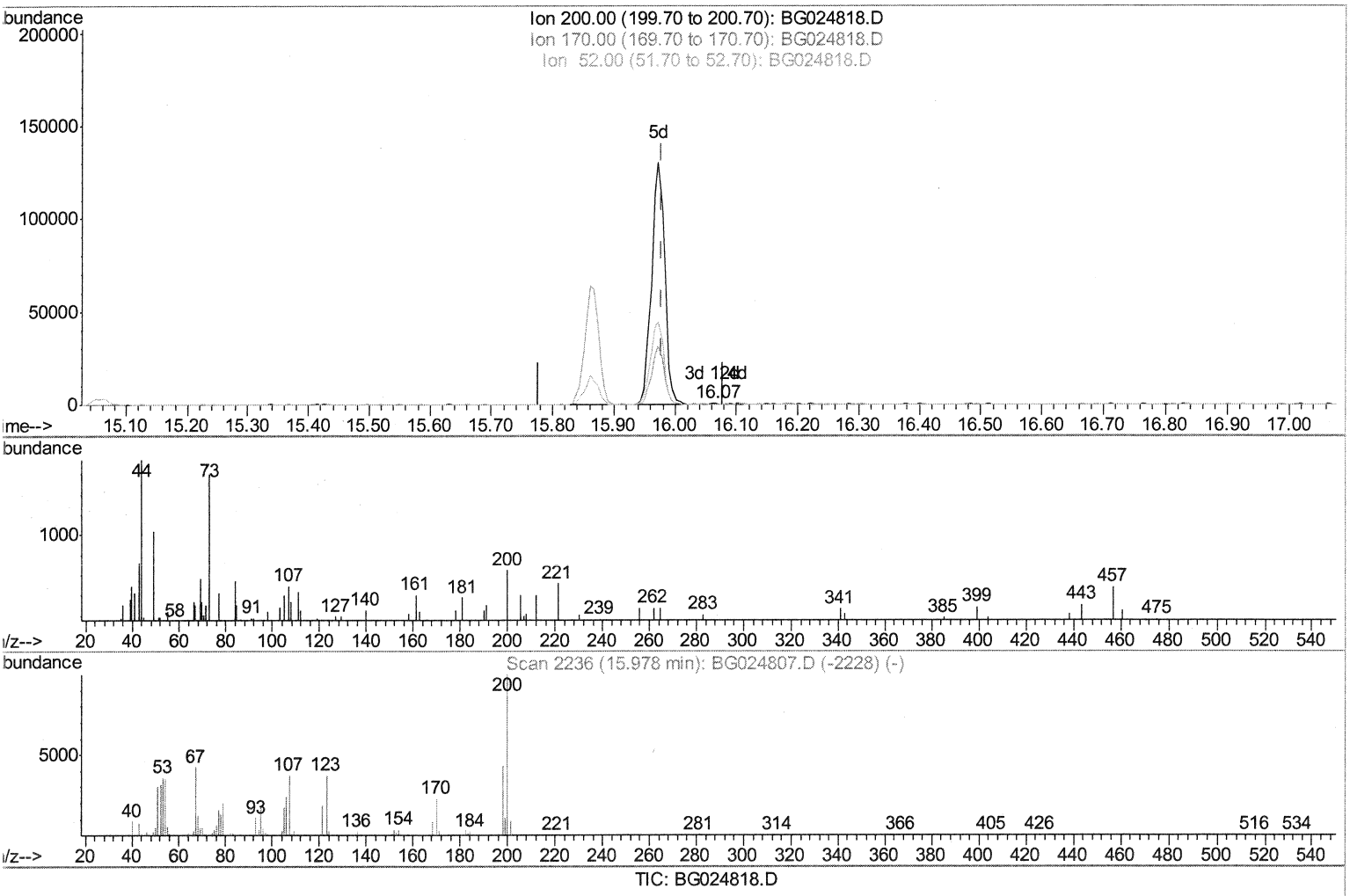
Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.70#
80.00	9.50	8.34
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024818.D
Acq On : 17 Nov 2016 00:08
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 17 03:23:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 02:48:02 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WL3

Manual Integrations APPROVED
sohil
11/17/2016 5:41:09 PM



TIC: BG024818.D

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

16.067min (+0.089) 0.06ng/ul

response 404

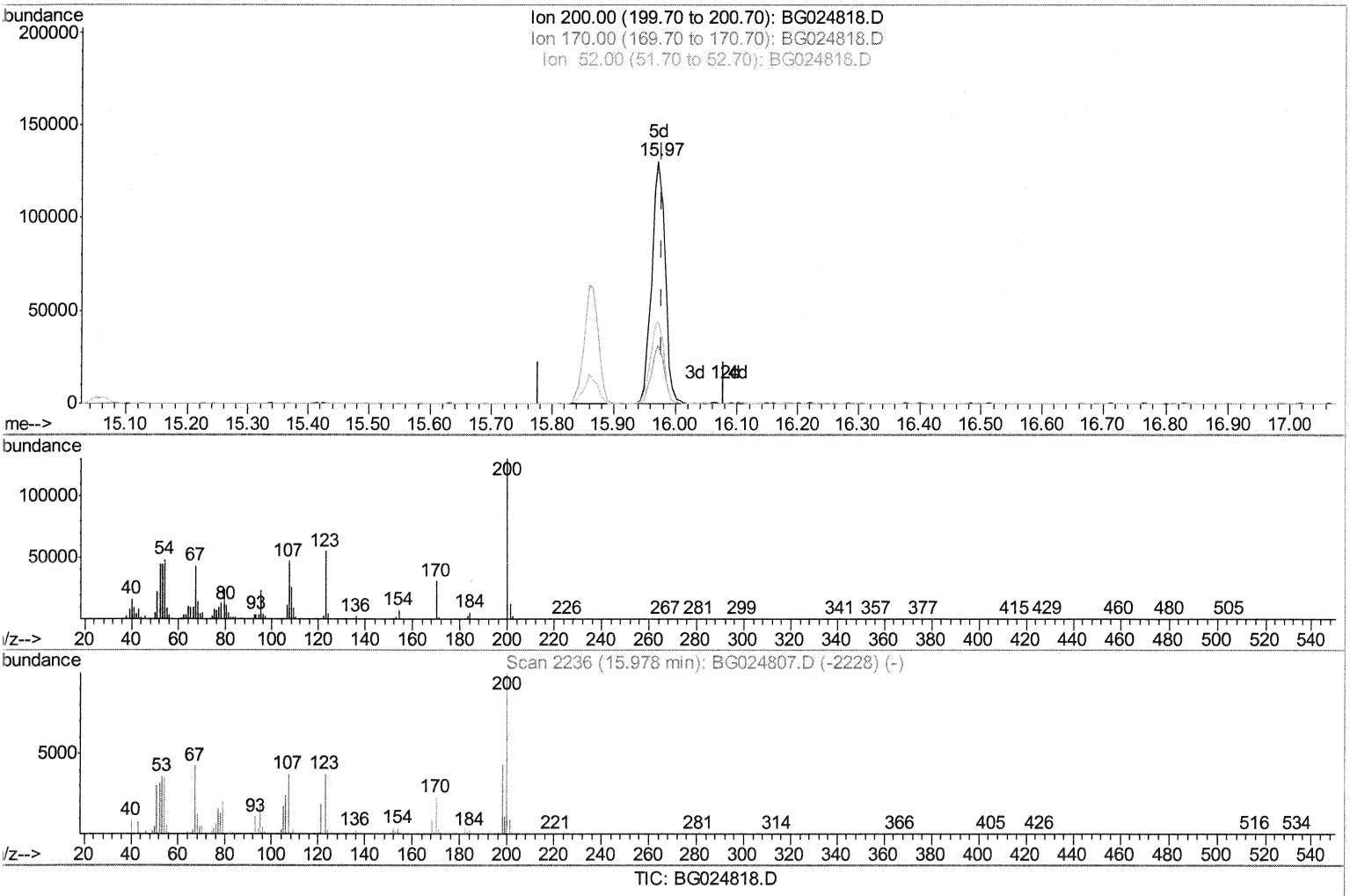
Ion	Exp%	Act%
200.00	100	100
170.00	23.20	0.00#
52.00	47.20	28.48#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024818.D
Acq On : 17 Nov 2016 00:08
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 17 03:23:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 02:48:02 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WL3

Manual Integrations APPROVED
sohil
11/17/2016 5:41:09 PM



TIC: BG024818.D

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

15.972min (-0.005) 30.04ng/ul m SJ 11/18/16

response 195514

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	24.03
52.00	47.20	34.20#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024818.D
Acq On : 17 Nov 2016 00:08
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 17 03:23:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 02:48:02 2016
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Instrument :
BNA_G
ClientSampleId :
A4WL3

Manual Integrations APPROVED
sohil
11/17/2016 5:41:09 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	106783	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	457184	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	390680	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	946689m	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1149940	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	1249711	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	3234	1.57	ng/uL	0.00
5) Phenol-d5	7.40	99	62900	6.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	169973	29.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	158752	24.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	121900	15.87	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	103026	29.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	124194	30.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	232618	28.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	131	0.01	ng/ul	0.02
43) Dimethylphthalate-d6	14.27	166	905038	31.77	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	978296	31.52	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	39224	7.74	ng/ul	0.00
57) Fluorene-d10	15.87	176	837712	31.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	195514m	30.04	ng/ul	0.00
70) Anthracene-d10	17.72	188	1359324	32.51	ng/ul	0.00
76) Pyrene-d10	19.99	212	1628617	32.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1772161	32.39	ng/ul	0.00

SJ 11/18/16

SJ 11/18/16

Target Compounds	Qvalue

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