

Instrument :
BNA_M
ClientSampleId :
B-79(1-2)-102617

Sohil
11/9/2017 3:48:26 PM

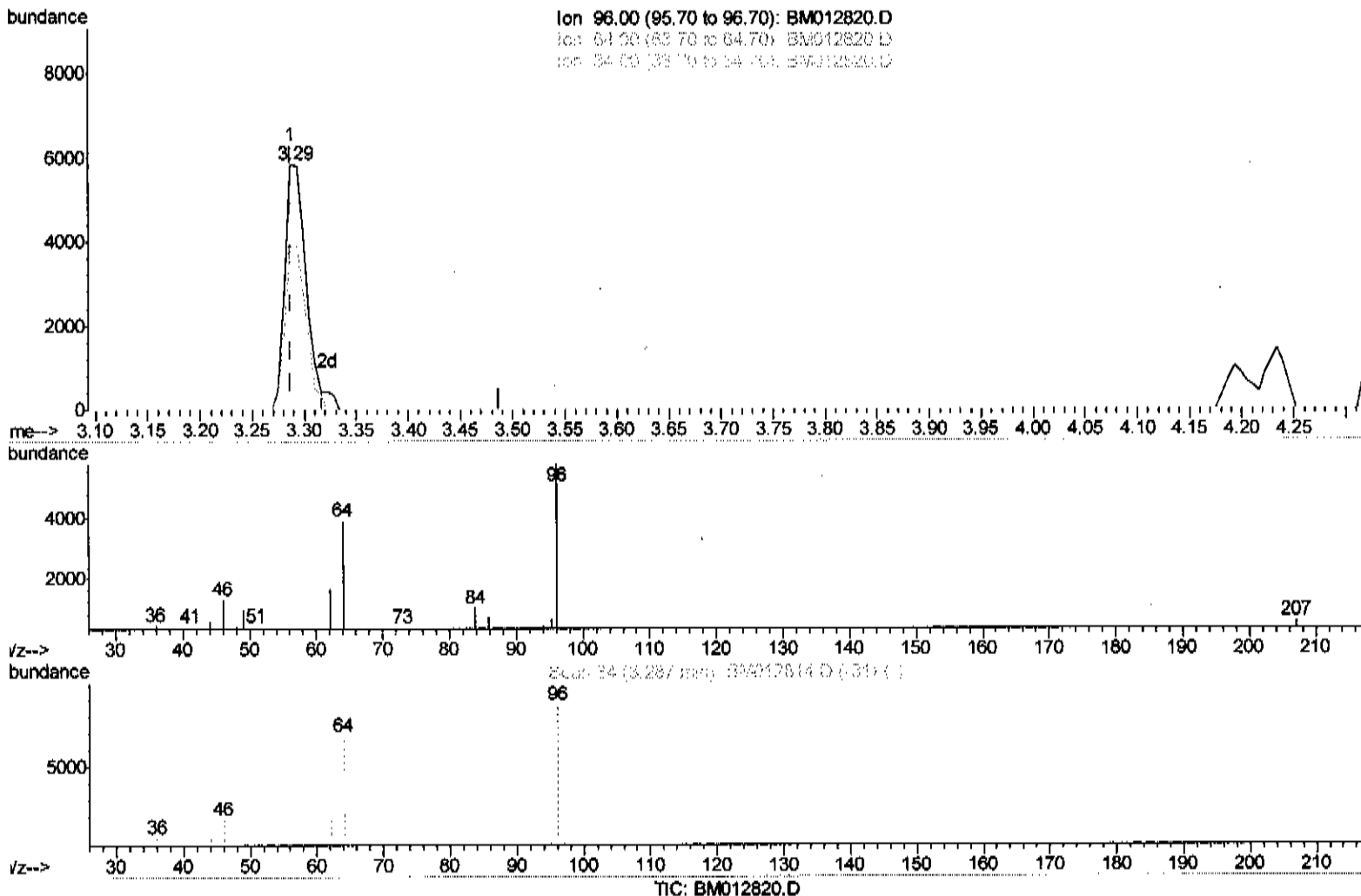
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012820.D
 Acq On : 08 Nov 2017 14:34
 Operator : SJ/JU
 Sample : I6175-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
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Quant Time: Nov 09 01:33:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 01:31:40 2017
 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.287min (-0.000) 4.19ng/uL

response 8170

Ion	Exp%	Act%
96.00	100	100
64.00	67.80	67.32
34.00	0.00	0.00
0.00	0.00	0.00

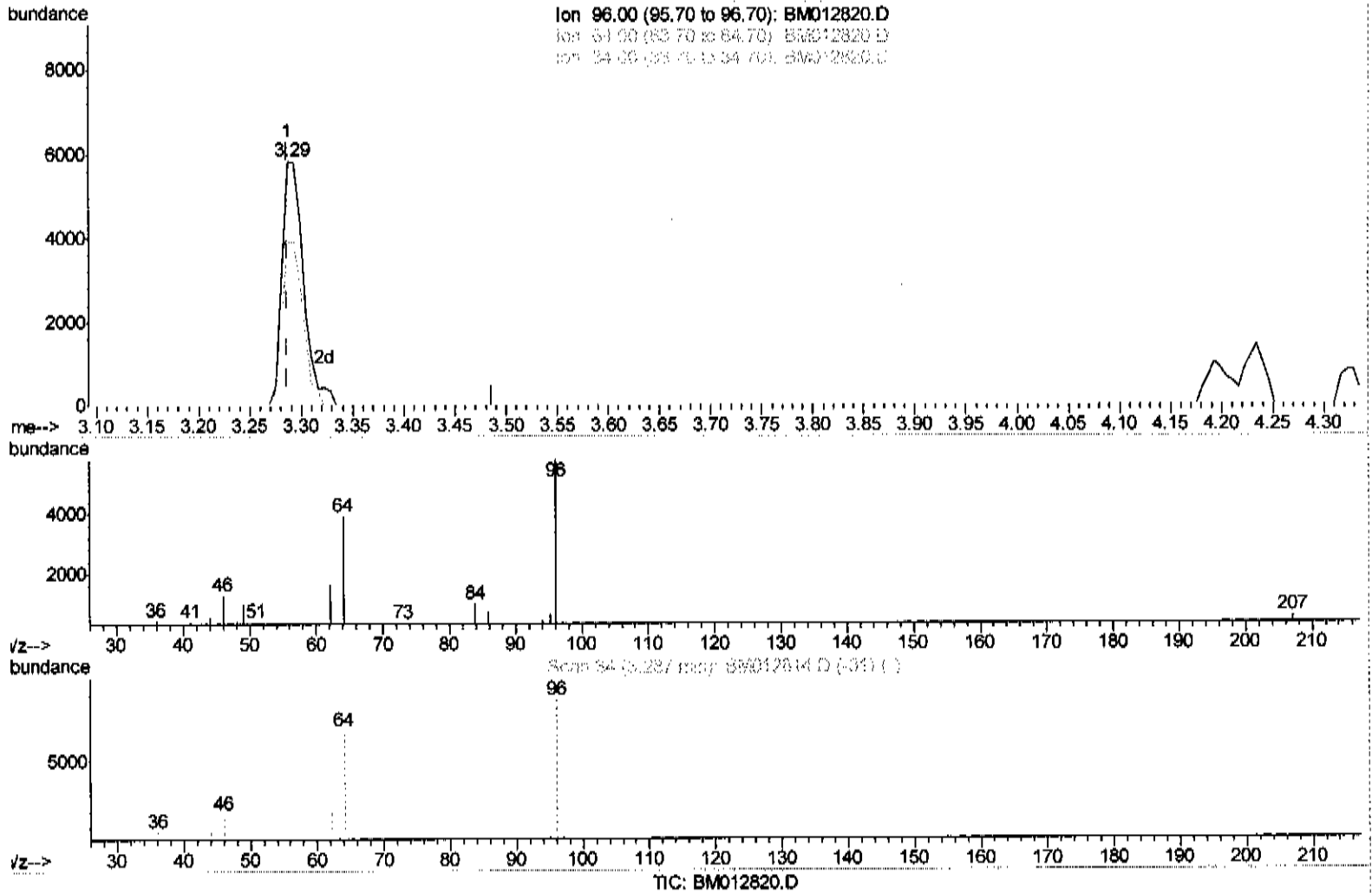
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(3) 1,4-Dioxane-d8 (S)

3.287min (-0.000) 4.34ng/uL m

SJ 11/13/17

response 8445

Ion	Exp%	Act%
96.00	100	100
64.00	67.80	65.13
34.00	0.00	0.00
0.00	0.00	0.00

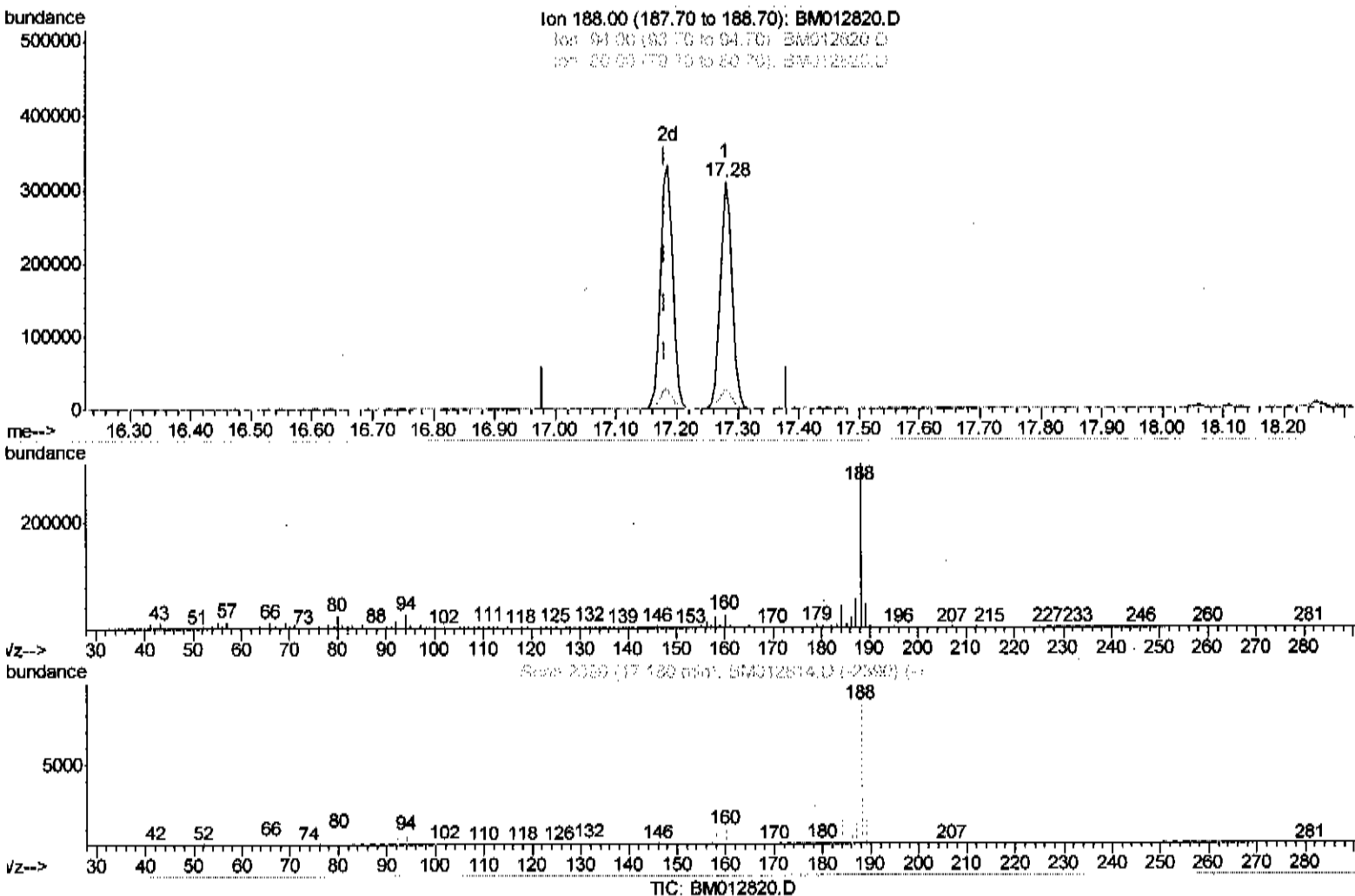
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Quant Time: Nov 09 02:03:49 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
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(61) Phenanthrene-d10 (I)

17.280min (+0.100) 20.00ng/ul

response 420124

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	8.65
80.00	9.70	7.81
0.00	0.00	0.00

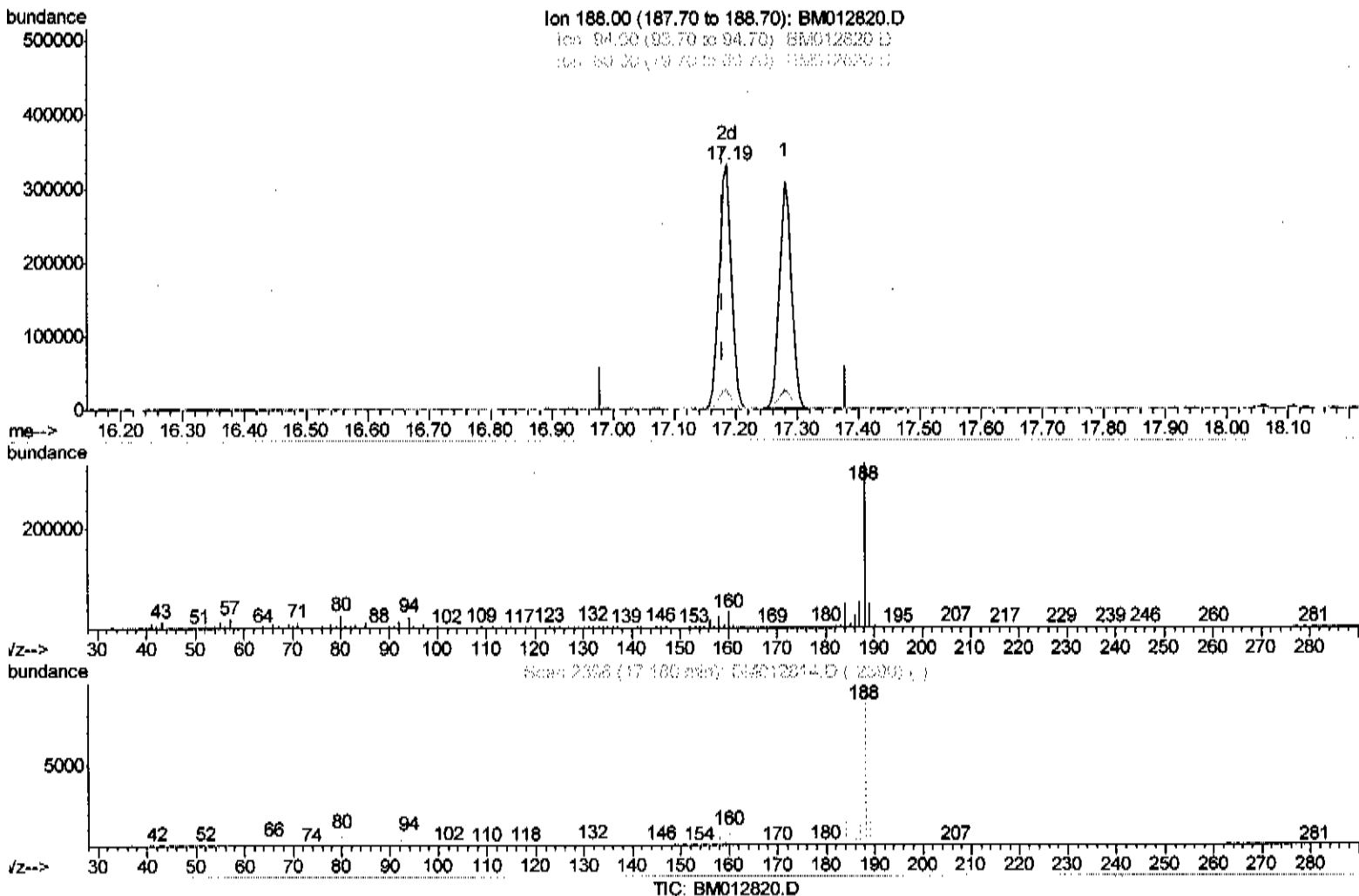
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012820.D
 Acq On : 08 Nov 2017 14:34
 Operator : SJ/JU
 Sample : I6175-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 09 02:03:49 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.186min (+0.006) 20.00ng/ul m 11/13/17

response 464804

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	7.14#
80.00	9.70	7.79
0.00	0.00	0.00

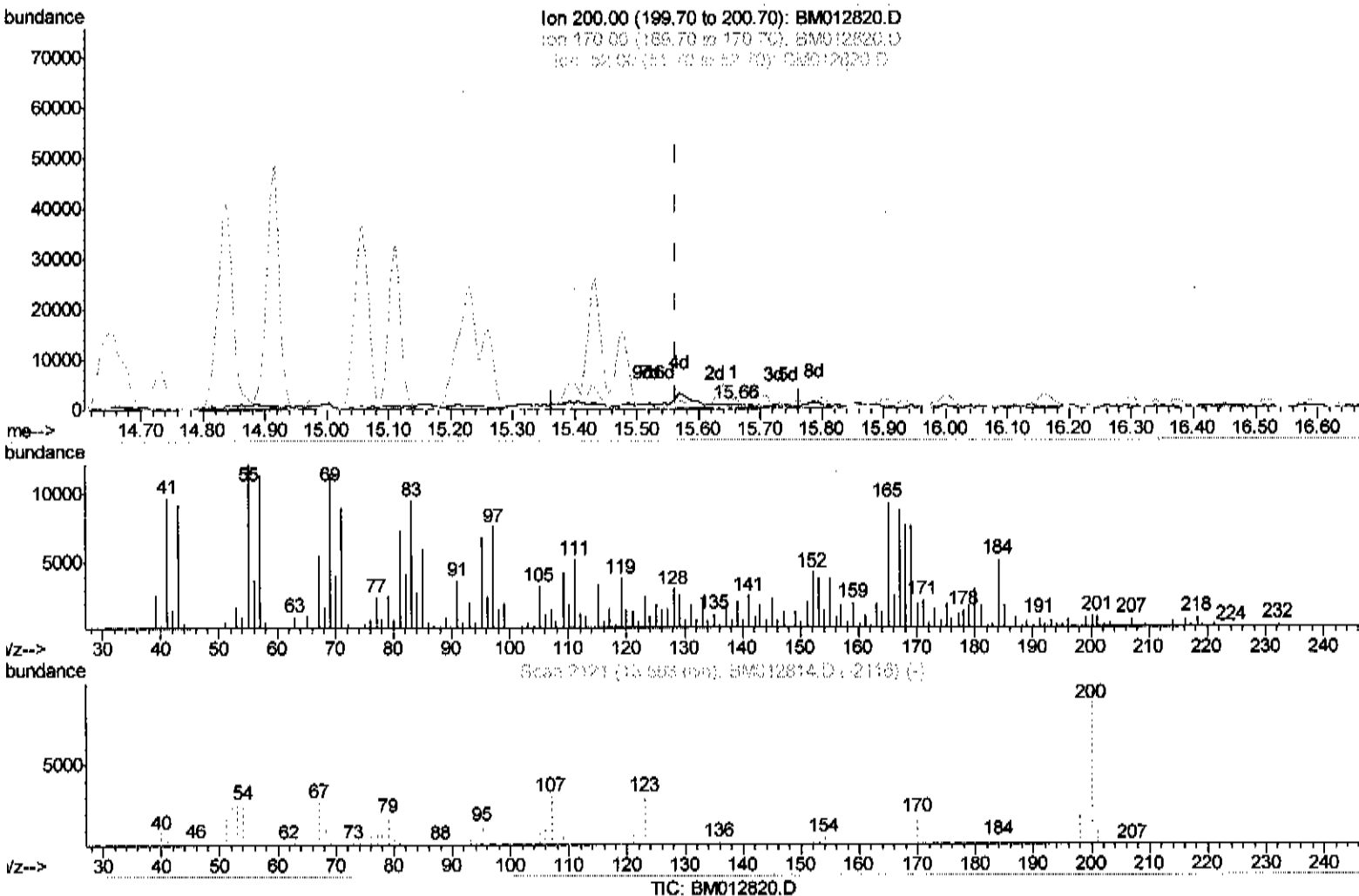
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012820.D
 Acq On : 08 Nov 2017 14:34
 Operator : SJ/JU
 Sample : I6175-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:48:26 PM

Quant Time: Nov 09 02:05:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 01:31:40 2017
 Response via : Initial Calibration



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

15.657min (+0.094) 0.20ng/ul

response 626

Ion	Exp%	Act%
200.00	100	100
170.00	22.40	193.31#
52.00	33.60	0.00#
0.00	0.00	0.00

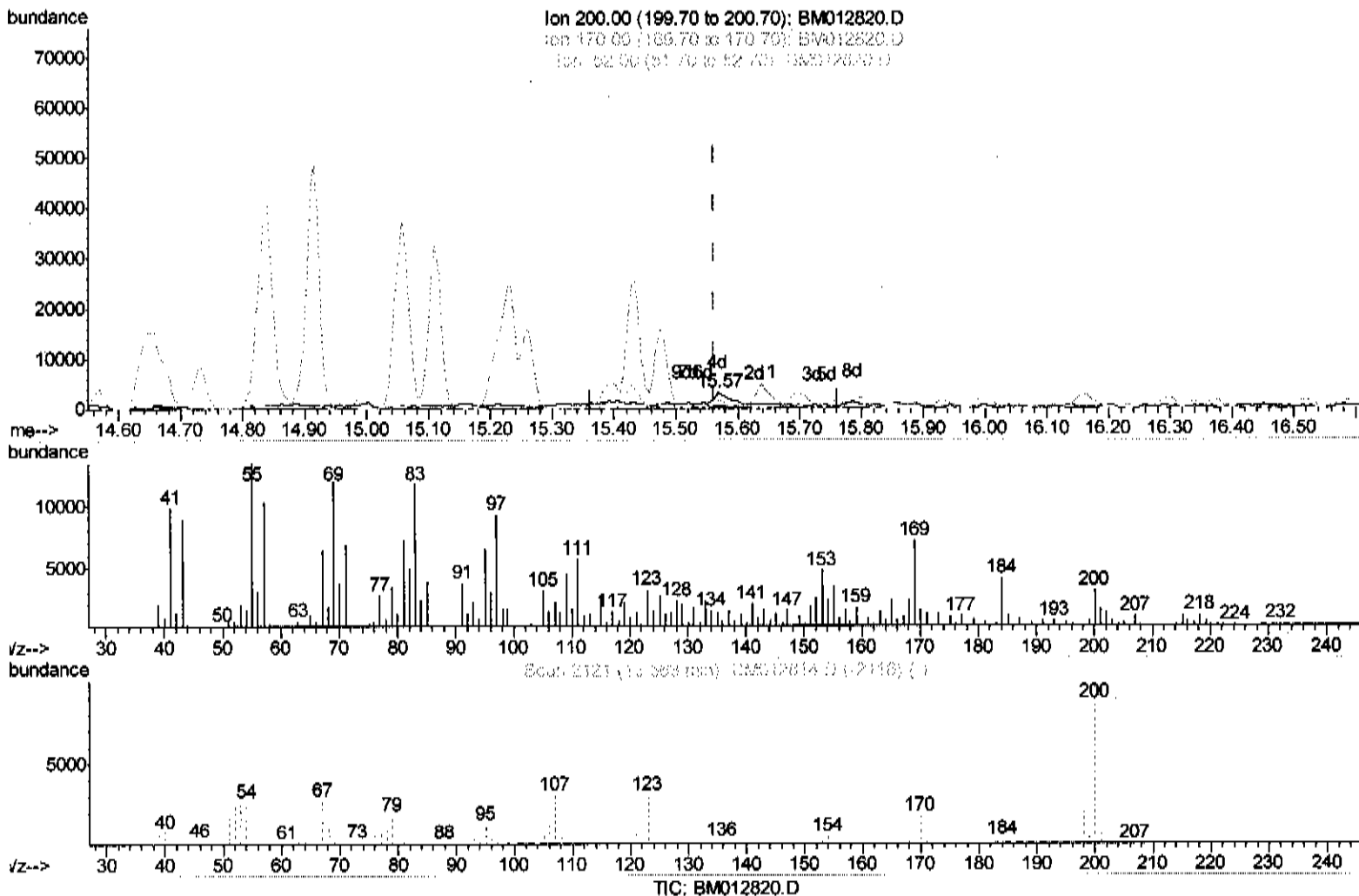
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012820.D
 Acq On : 08 Nov 2017 14:34
 Operator : SJ/JU
 Sample : I6175-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:48:26 PM

Quant Time: Nov 09 02:05:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 01:31:40 2017
 Response via : Initial Calibration



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

15.568min (+0.006) 1.52ng/ul m

SJ 11/13/17

response 4655

Ion	Exp%	Act%
200.00	100	100
170.00	22.40	49.09#
52.00	33.60	21.61#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012820.D
 Acq On : 08 Nov 2017 14:34
 Operator : SJ/JU
 Sample : I6175-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:48:26 PM

Quant Time: Nov 09 02:09:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : \$VOA CALIBRATION
 QLast Update : Thu Nov 09 01:31:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	105242	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	403449	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	223803	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	464804m	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	512542	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	576503	20.00	ng/ul	0.00

10/11/13/17

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	8445m	4.34	ng/uL	0.00
5) Phenol-d5	6.97	99	174382	22.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	114508	26.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	145489	22.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	103360	15.29	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	78121	26.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	71813	21.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	129355	18.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	156669	23.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	370603	20.01	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	482283	21.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	9735	3.28	ng/ul	0.02
57) Fluorene-d10	15.43	176	307997	19.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	4655m	1.52	ng/ul	0.00
70) Anthracene-d10	17.28	188	420124	18.71	ng/ul	0.00
78) Pyrene-d10	19.57	212	439163	18.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	503607	18.48	ng/ul	0.00

10/11/13/17

Target Compounds

					Ovalue
6) Phenol	7.00	94	19779	2.46 ng/ul#	81
28) Naphthalene	10.64	128	146609	7.27 ng/ul#	93
34) 2-Methylnaphthalene	12.25	142	141220	9.16 ng/ul	100
44) Dimethylphthalate	13.89	163	112100	6.10 ng/ul#	97
49) Acenaphthene	14.50	153	58320	3.86 ng/ul	99
53) Dibenzofuran	14.84	168	43912	1.99 ng/ul	96
58) Fluorene	15.49	166	111390	6.08 ng/ul	98
69) Phenanthrene	17.23	178	608986	23.97 ng/ul	99
76) Fluoranthene	19.24	202	219422	7.19 ng/ul	95
79) Pyrene	19.60	202	205921	6.73 ng/ul#	92
83) Bis(2-ethylhexyl)phthalate	21.27	149	43906	2.70 ng/ul#	91
84) Chrysene	21.40	228	50076	1.78 ng/ul#	93

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