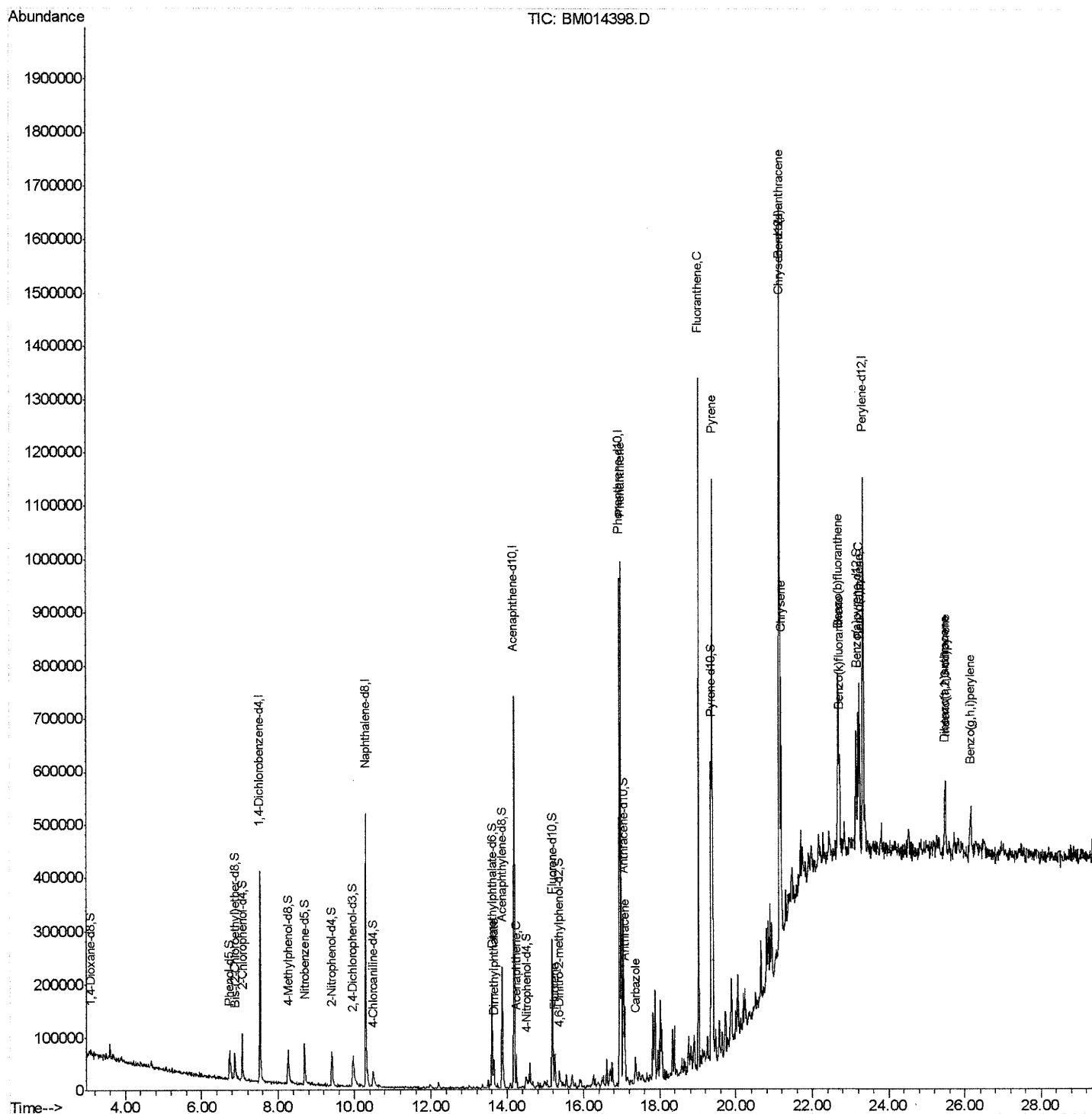


Instrument :
BNA_M
ClientSampleId :
BE5X3DL

Manual Integrations
APPROVED

Sohil
3/1/2018 5:13:45 PM

Quant Time: Mar 01 10:15:19 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 12:00:03 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

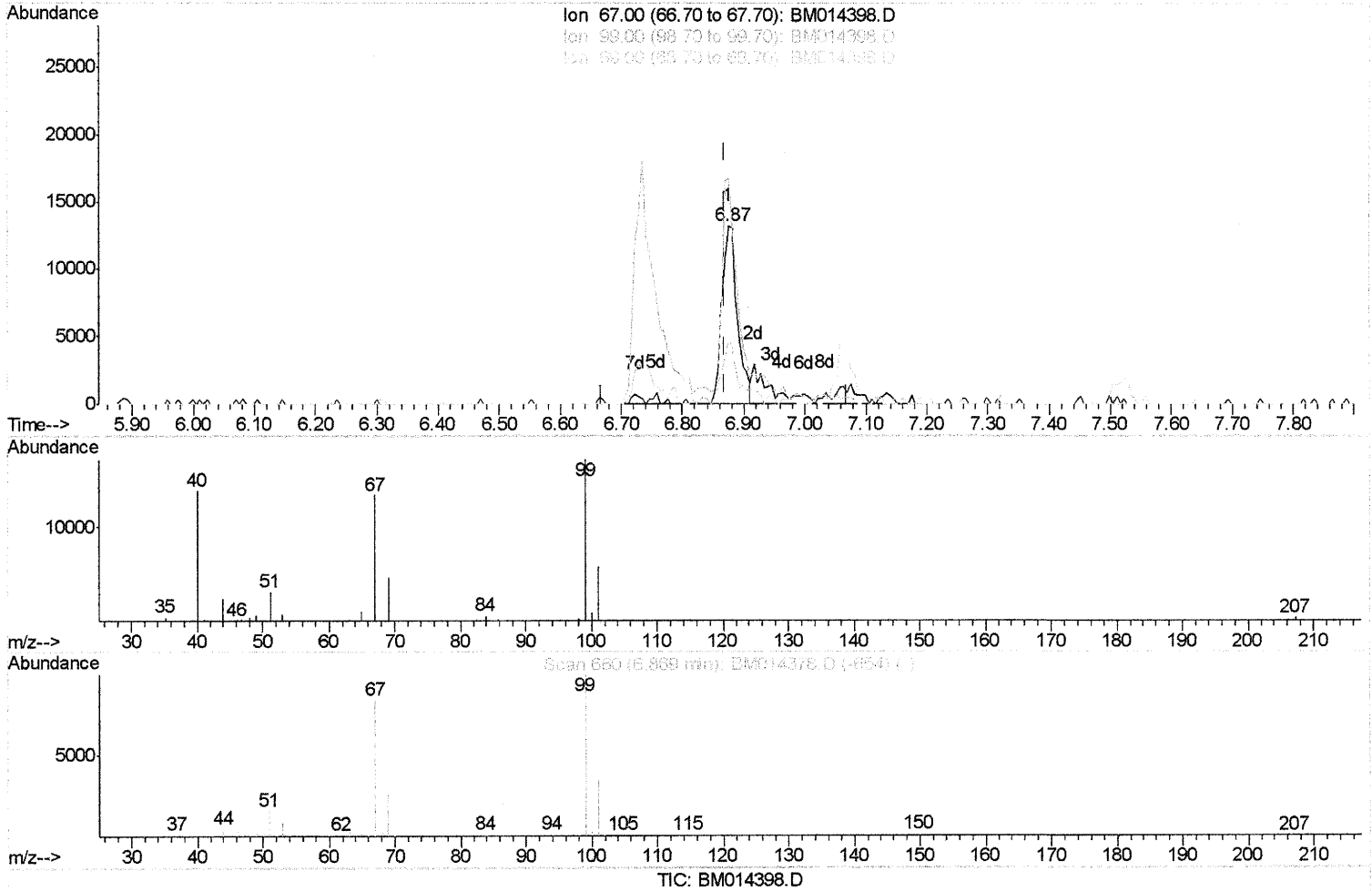
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 15:53:59 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.875min (+0.006) 4.70ng/ul

response 23648

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	127.65
69.00	36.30	36.24
0.00	0.00	0.00

Quantitation Report (Qedit)

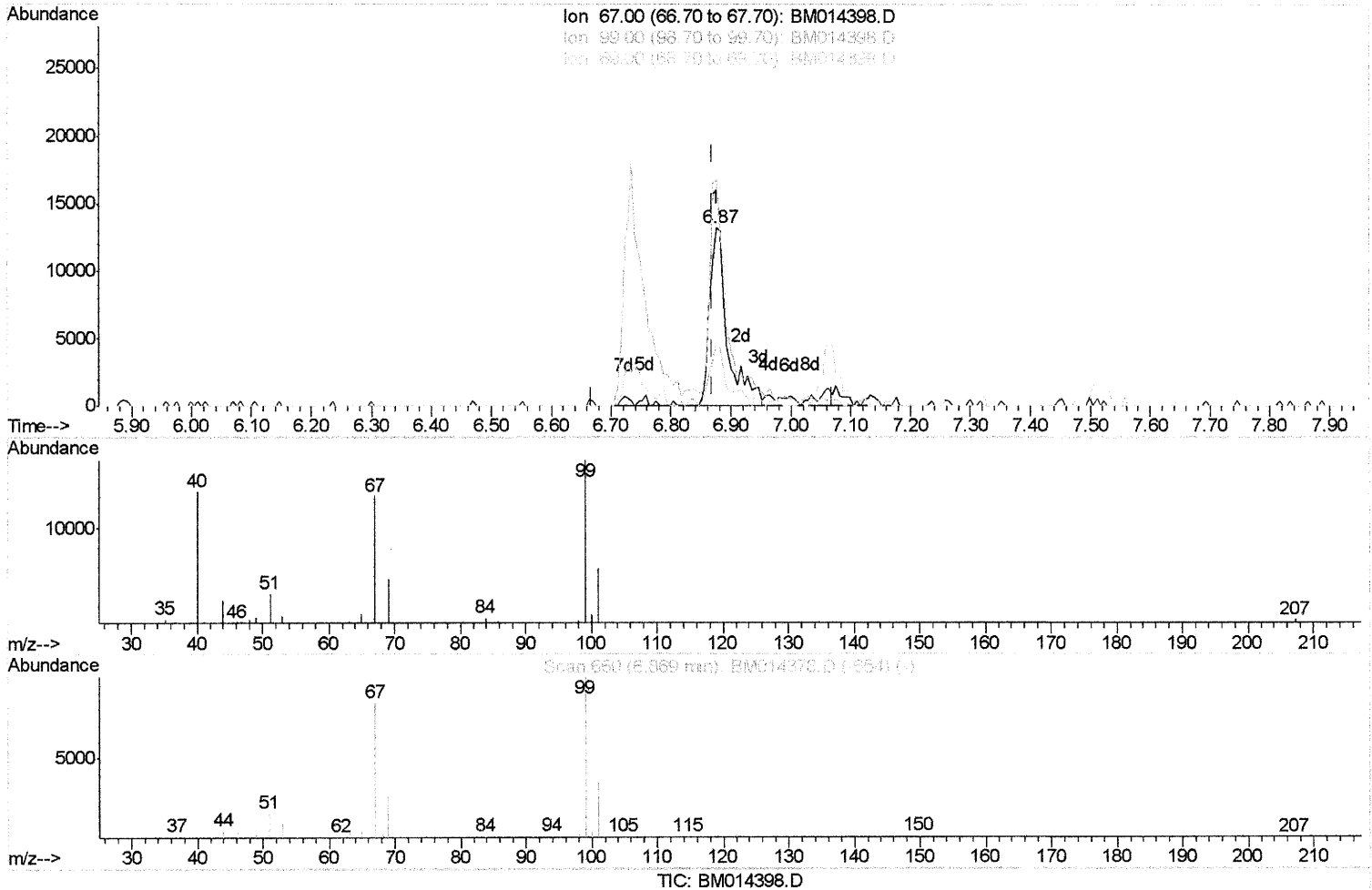
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 15:53:59 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.875min (+0.006) 5.47ng/ul m SJ 3/2/18

response 27559

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	127.65
69.00	36.30	36.24
0.00	0.00	0.00

Quantitation Report (Qedit)

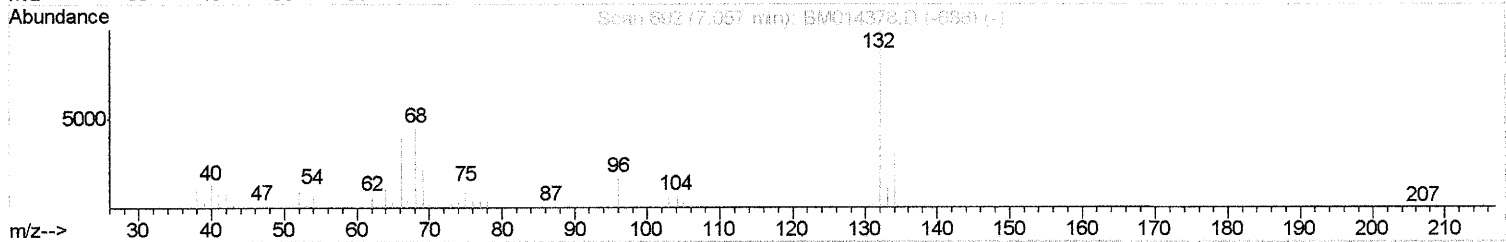
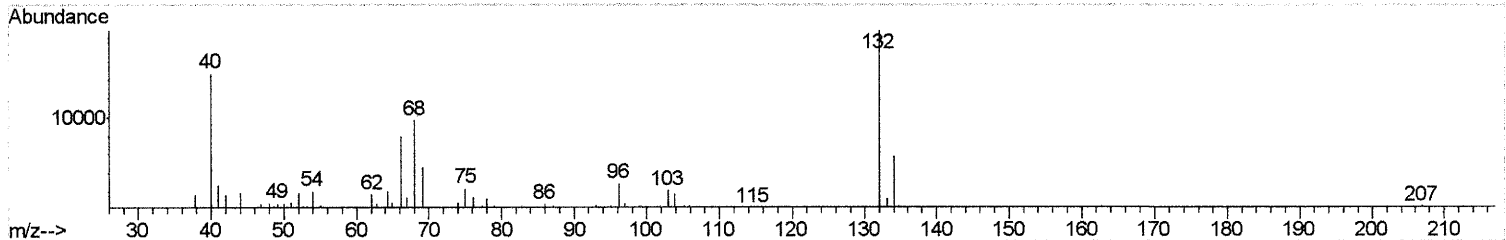
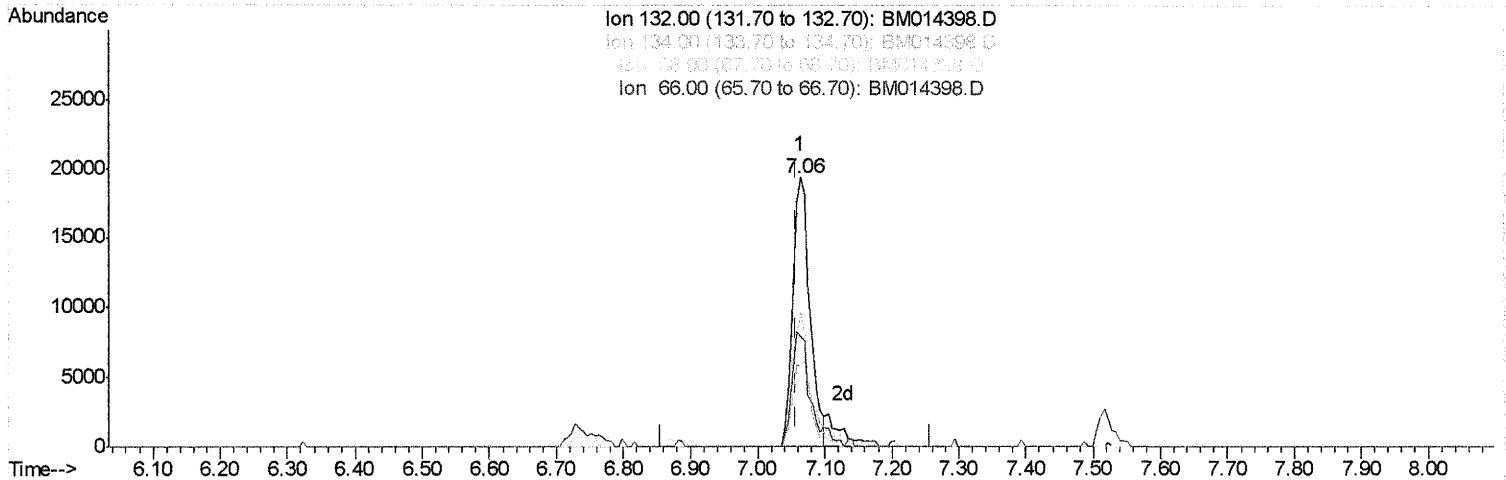
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 15:53:59 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



TIC: BM014398.D

(9) 2-Chlorophenol-d4 (S)

7.063min (+0.006) 5.44ng/ul

response 34696

Ion	Exp%	Act%
132.00	100	100
134.00	34.10	30.13
68.00	51.20	49.92
66.00	41.70	40.75

Quantitation Report (Qedit)

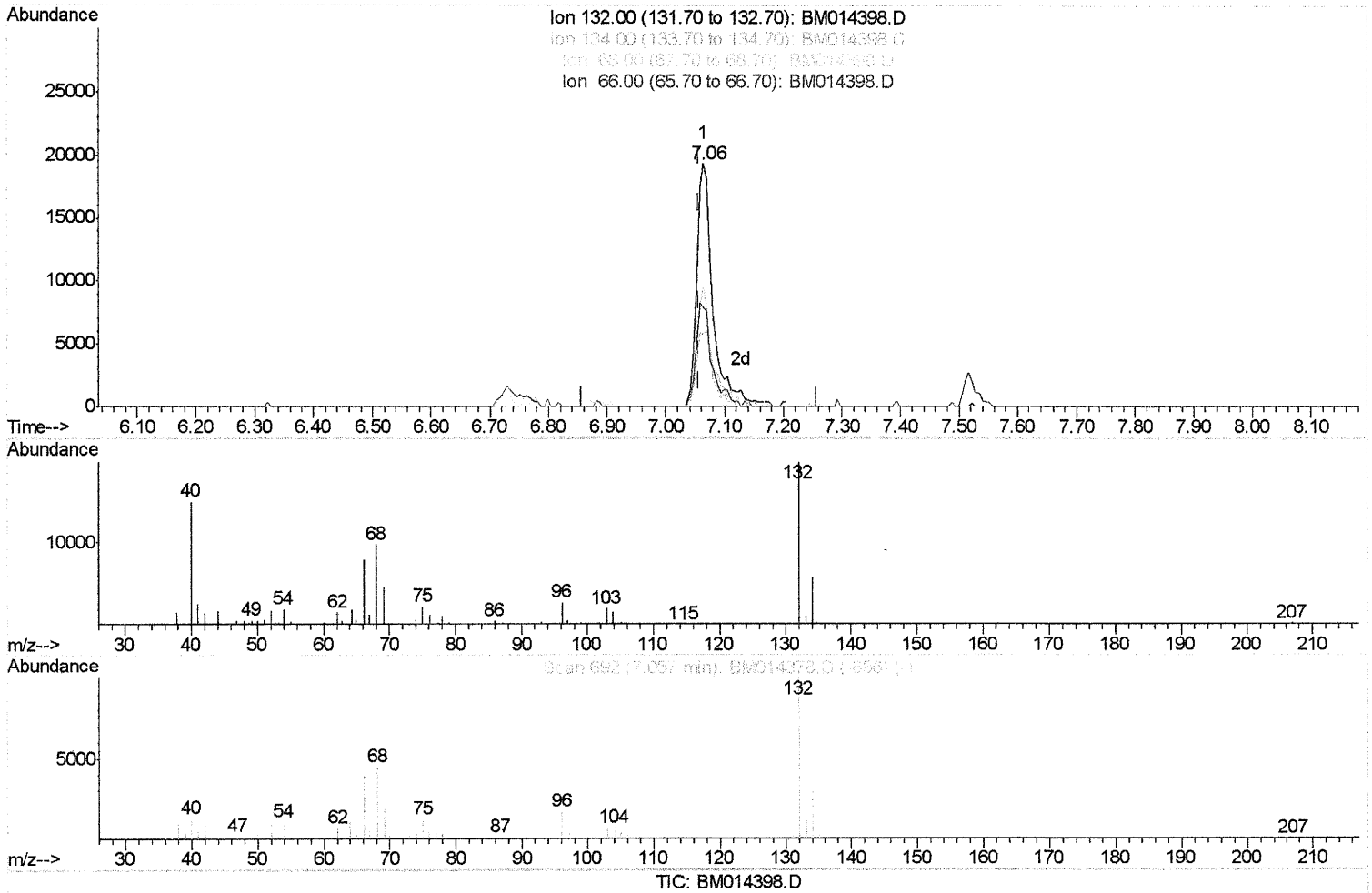
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 15:53:59 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(9) 2-Chlorophenol-d4 (S)

7.063min (+0.006) 6.05ng/ul m SJ 3/2/18

response 38594

Ion	Exp%	Act%
132.00	100	100
134.00	34.10	30.13
68.00	51.20	49.92
66.00	41.70	40.75

Quantitation Report (Qedit)

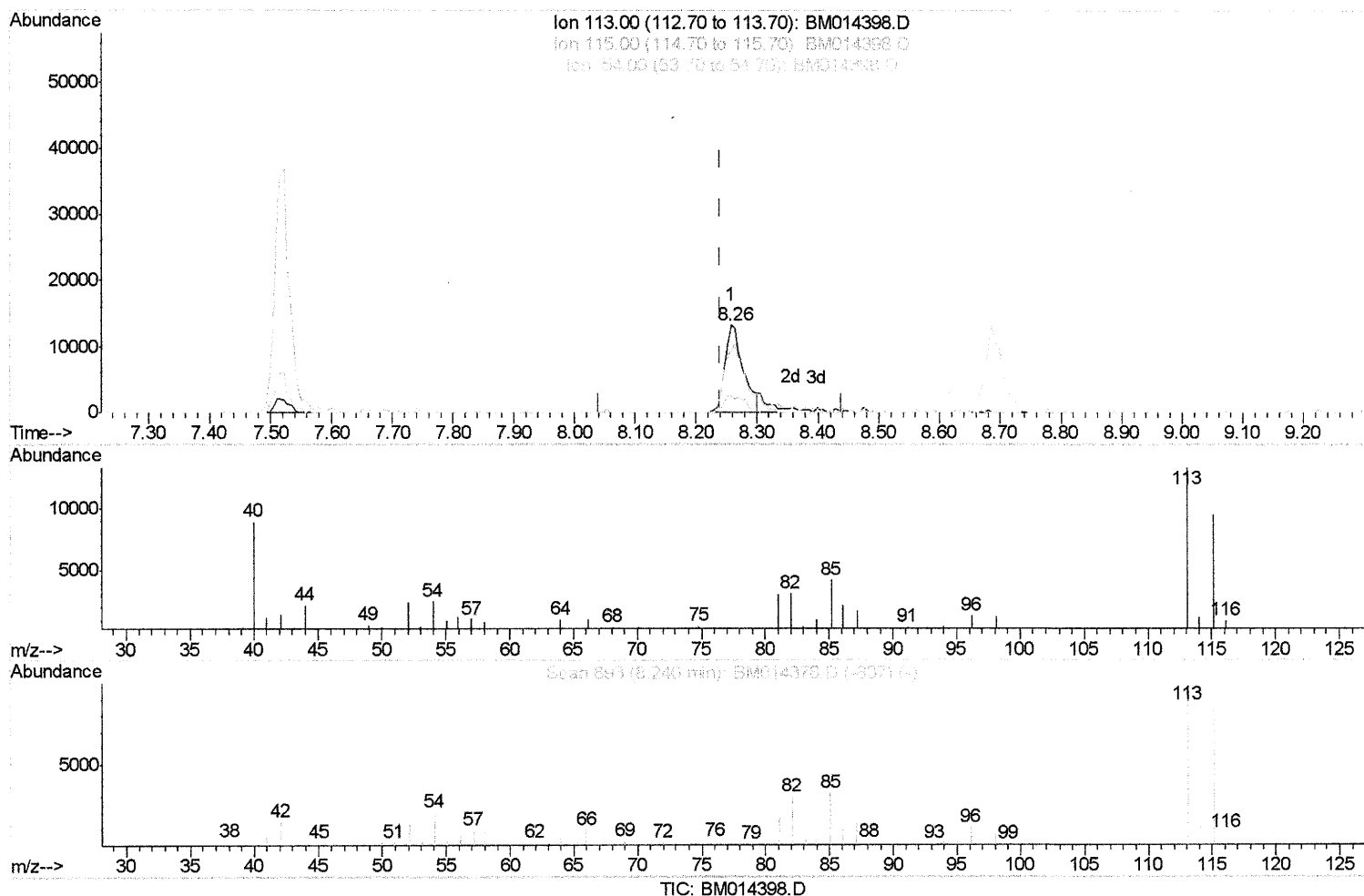
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:09:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(13) 4-Methylphenol-d8 (S)

8.257min (+0.018) 3.79ng/ul

response 27611

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	71.21
54.00	18.90	19.12
0.00	0.00	0.00

Quantitation Report (Qedit)

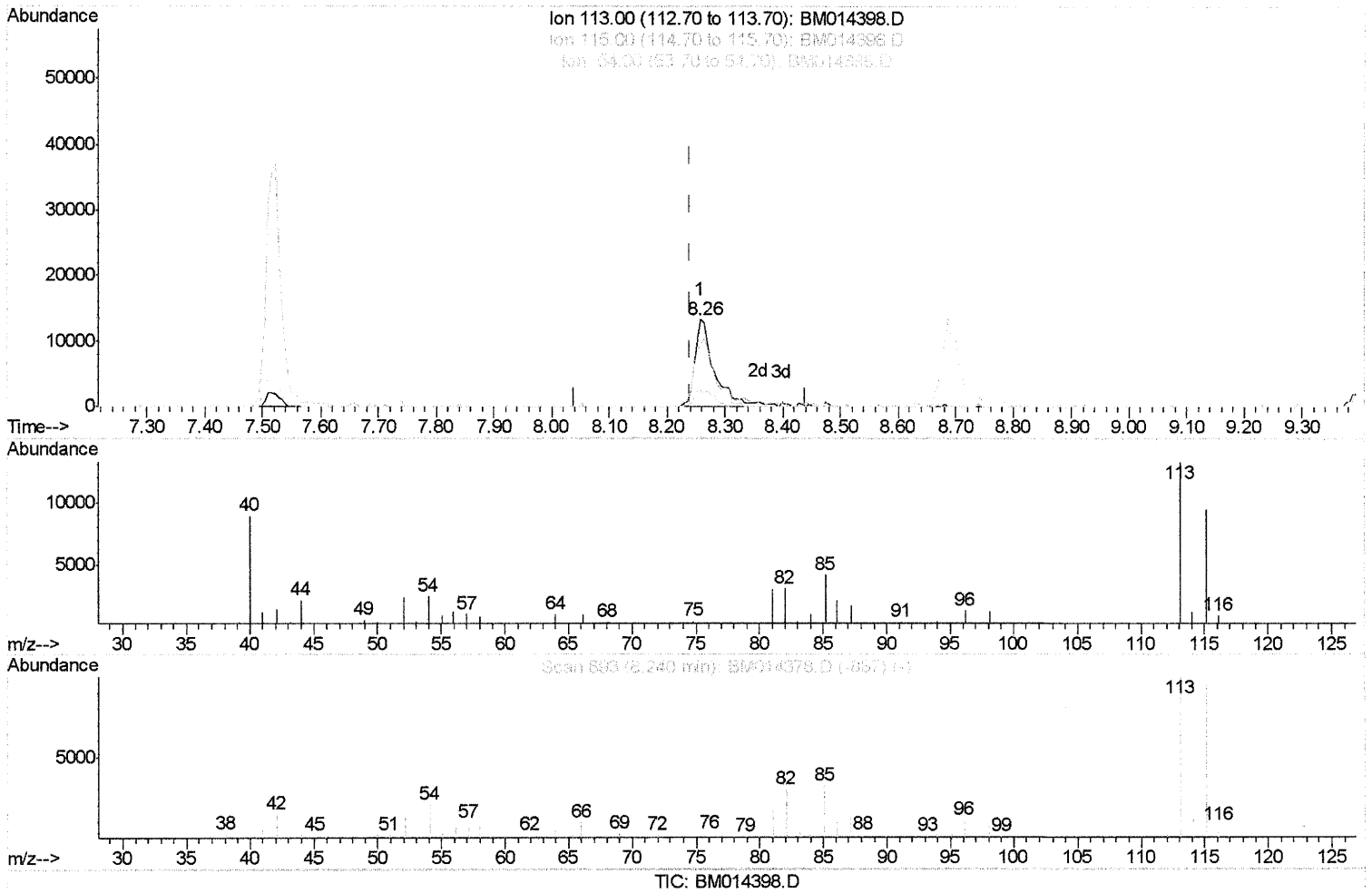
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:09:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(13) 4-Methylphenol-d8 (S)

8.257min (+0.018) 4.43ng/ul m SJ 3/2/18

response 32243

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	71.21
54.00	18.90	19.12
0.00	0.00	0.00

Quantitation Report (Qedit)

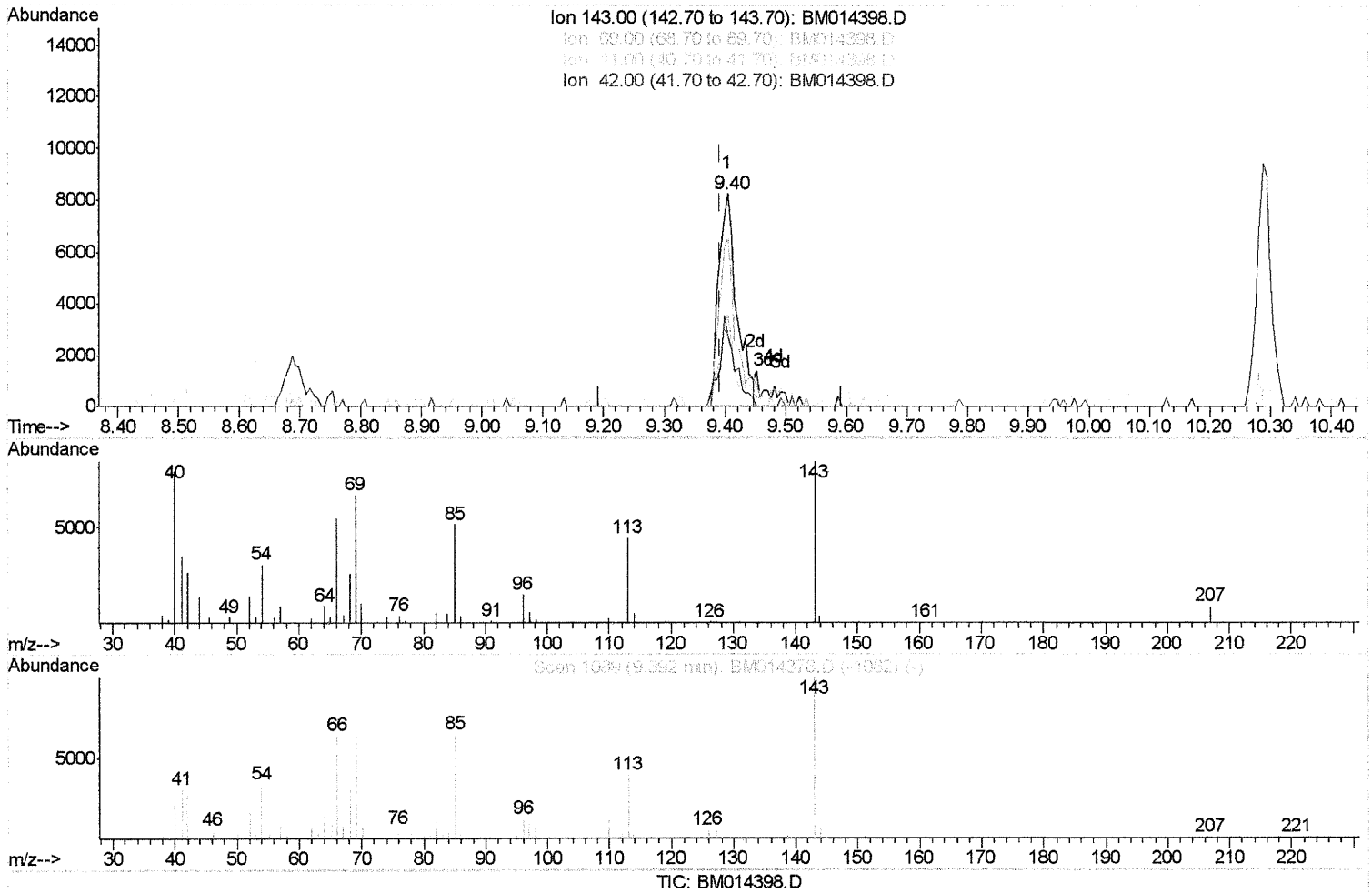
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:09:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(22) 2-Nitrophenol-d4 (S)

9.404min (+0.012) 5.68ng/ul

response 17276

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	79.71#
41.00	23.80	43.63#
42.00	24.30	33.26#

Quantitation Report (Qedit)

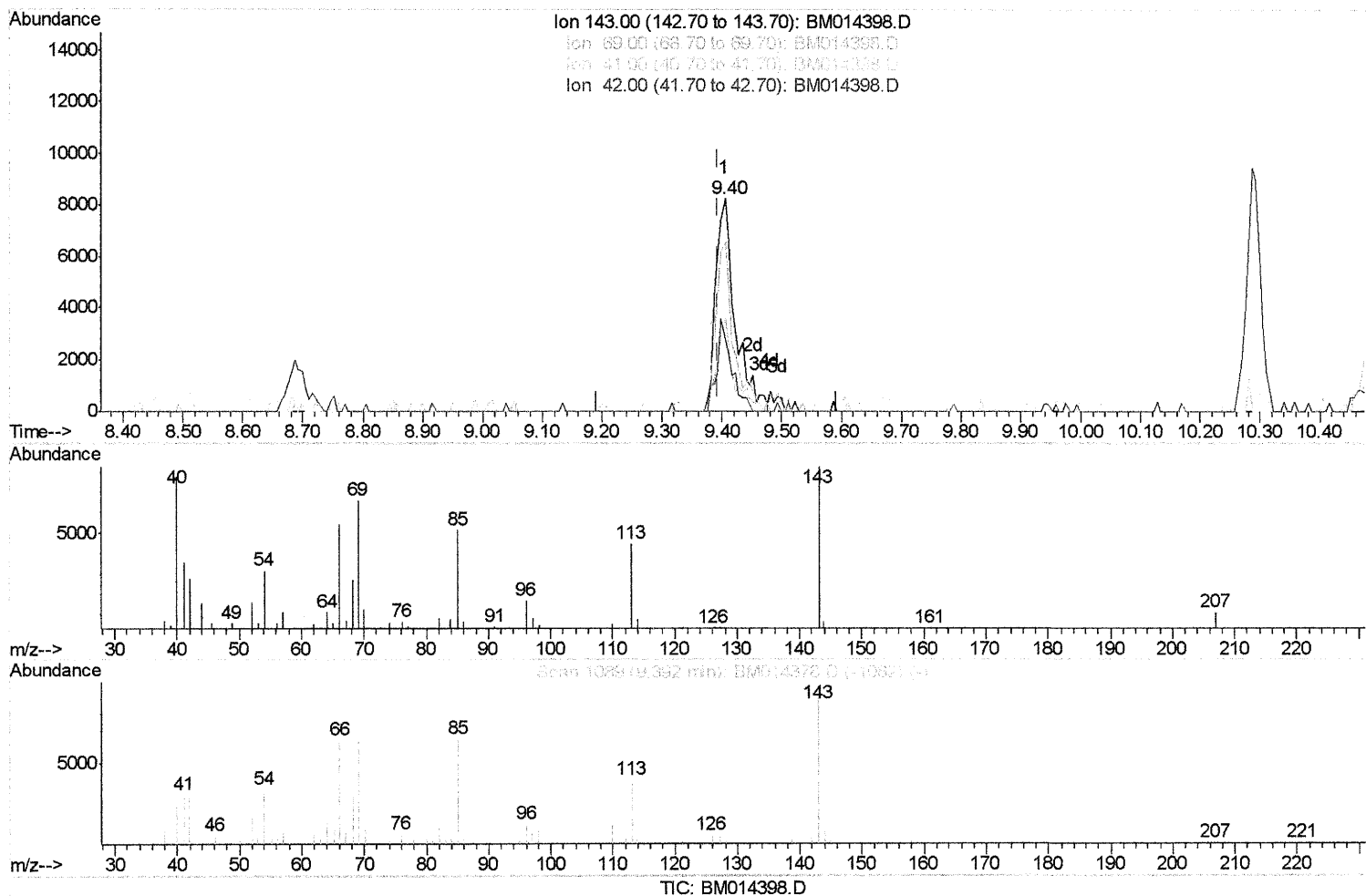
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:09:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(22) 2-Nitrophenol-d4 (S)

9.404min (+0.012) 6.06ng/ul m 55 3/2/18

response 18441

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	79.71#
41.00	23.80	43.63#
42.00	24.30	33.26#

Quantitation Report (Qedit)

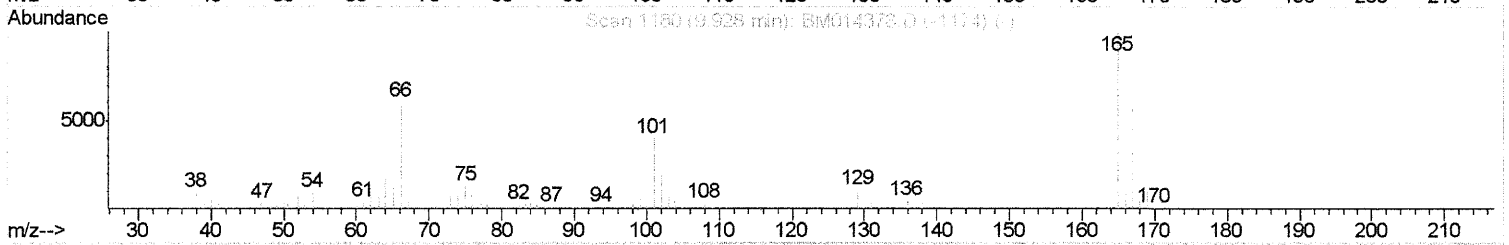
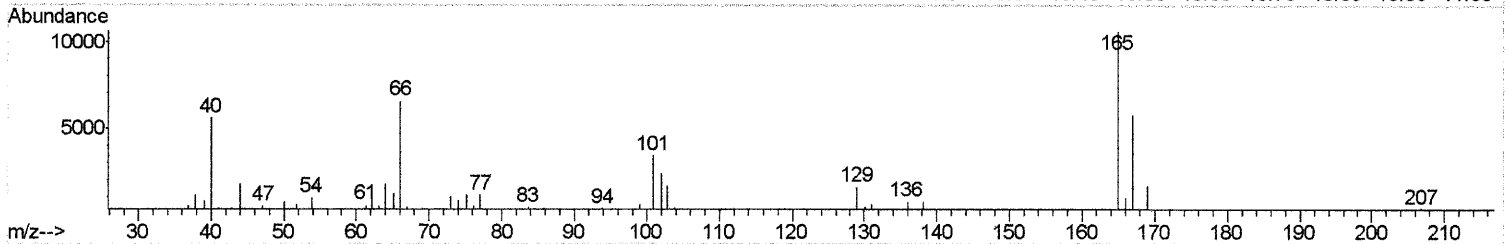
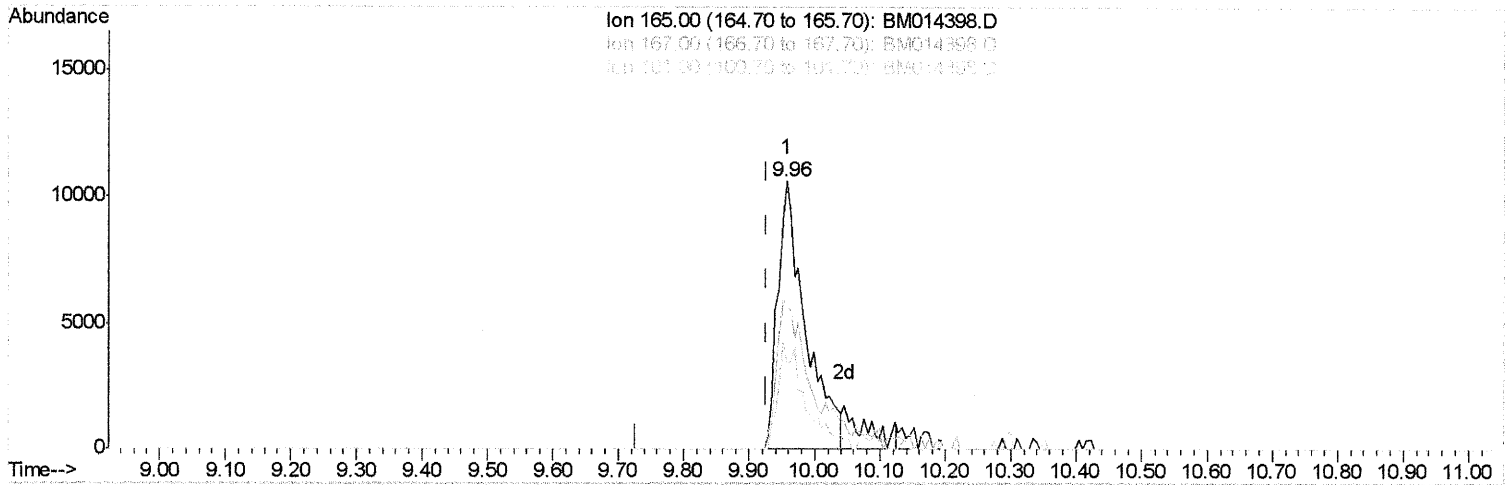
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:09:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



TIC: BM014398.D

(26) 2,4-Dichlorophenol-d3 (S)

9.957min (+0.029) 4.99ng/ul

response 31443

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	53.87
101.00	29.30	31.95
0.00	0.00	0.00

Quantitation Report (Qedit)

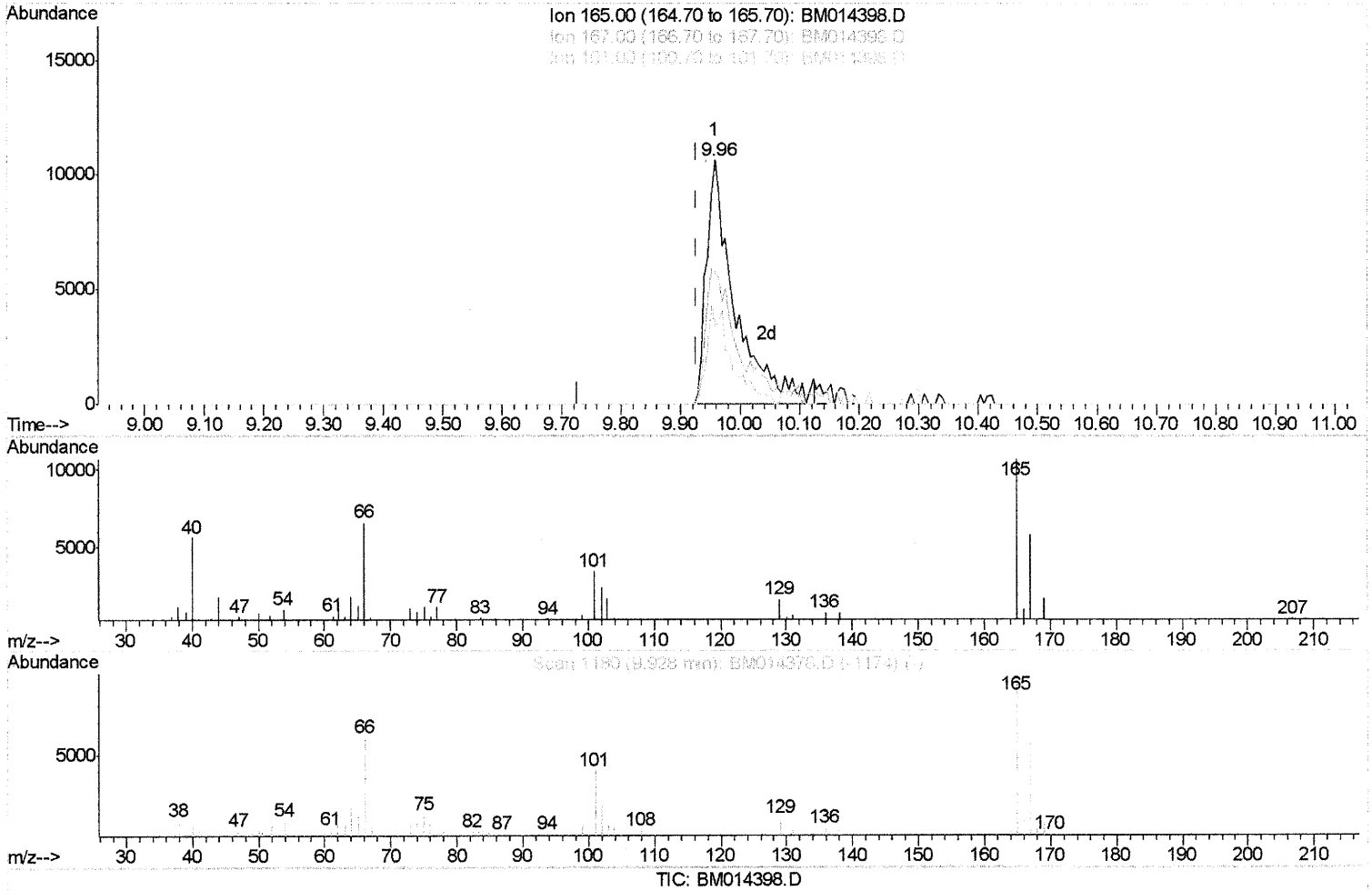
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:09:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(26) 2,4-Dichlorophenol-d3 (S)

9.957min (+0.029) 5.55ng/ul m SS 3/2/18

response 34978

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	53.87
101.00	29.30	31.95
0.00	0.00	0.00

Quantitation Report (Qedit)

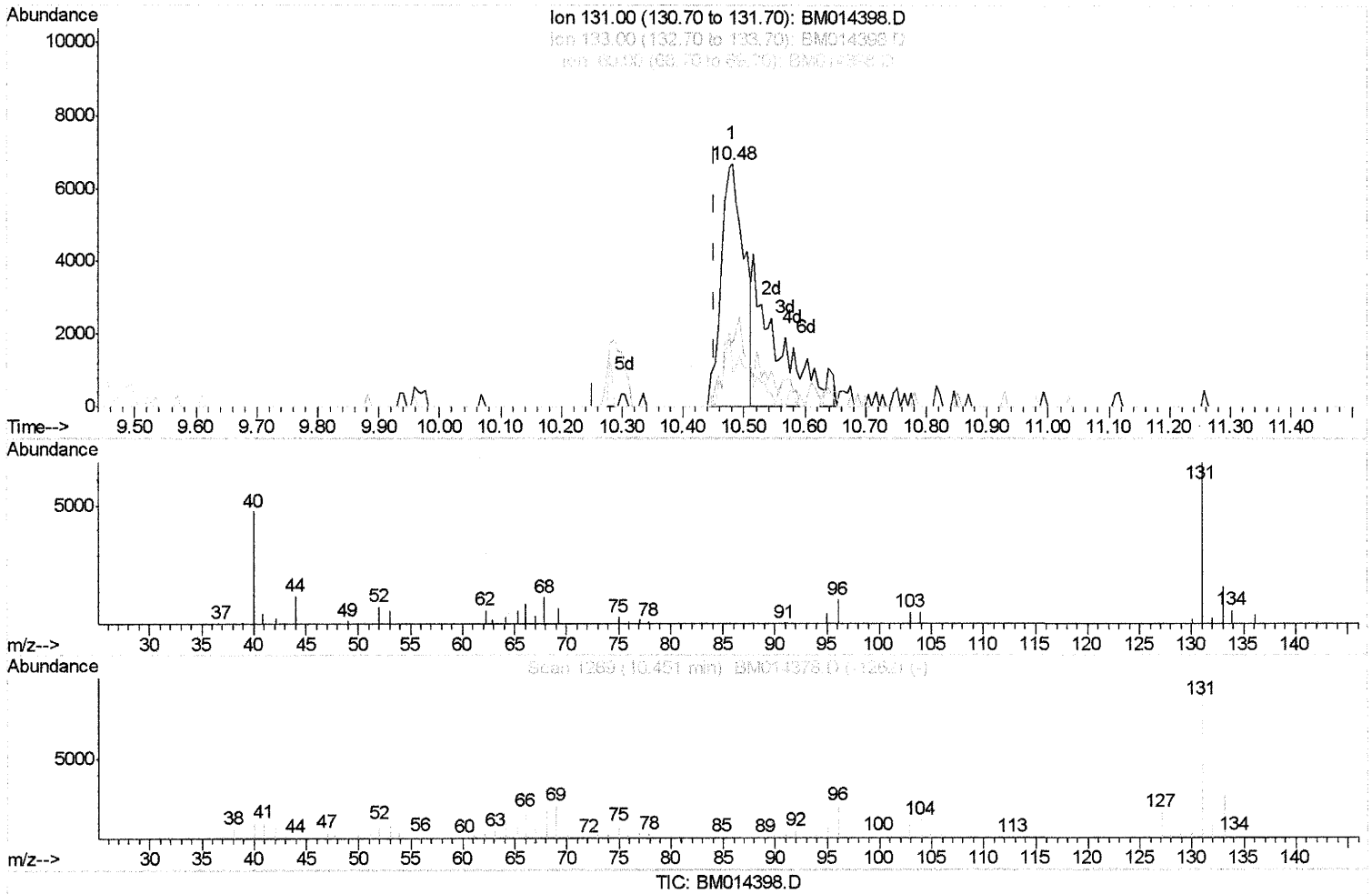
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:09:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.481min (+0.029) 2.84ng/ul

response 17657

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	26.52
69.00	24.30	14.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

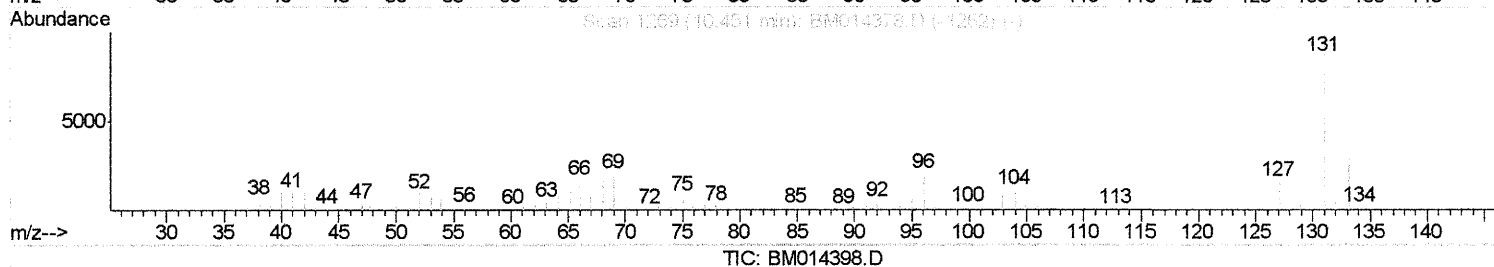
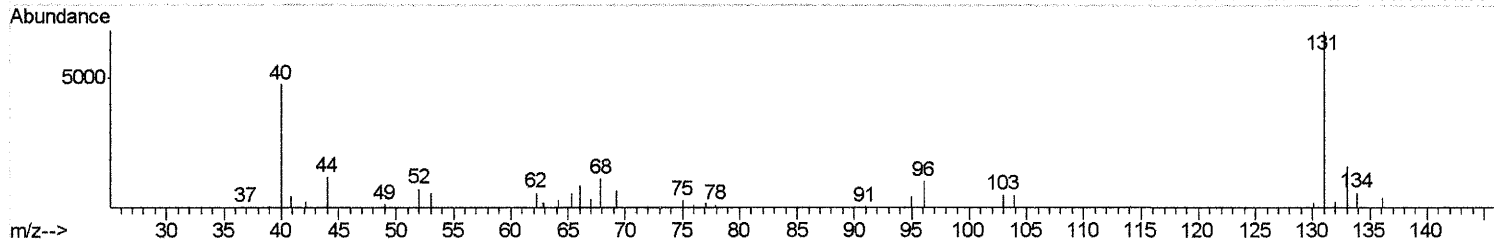
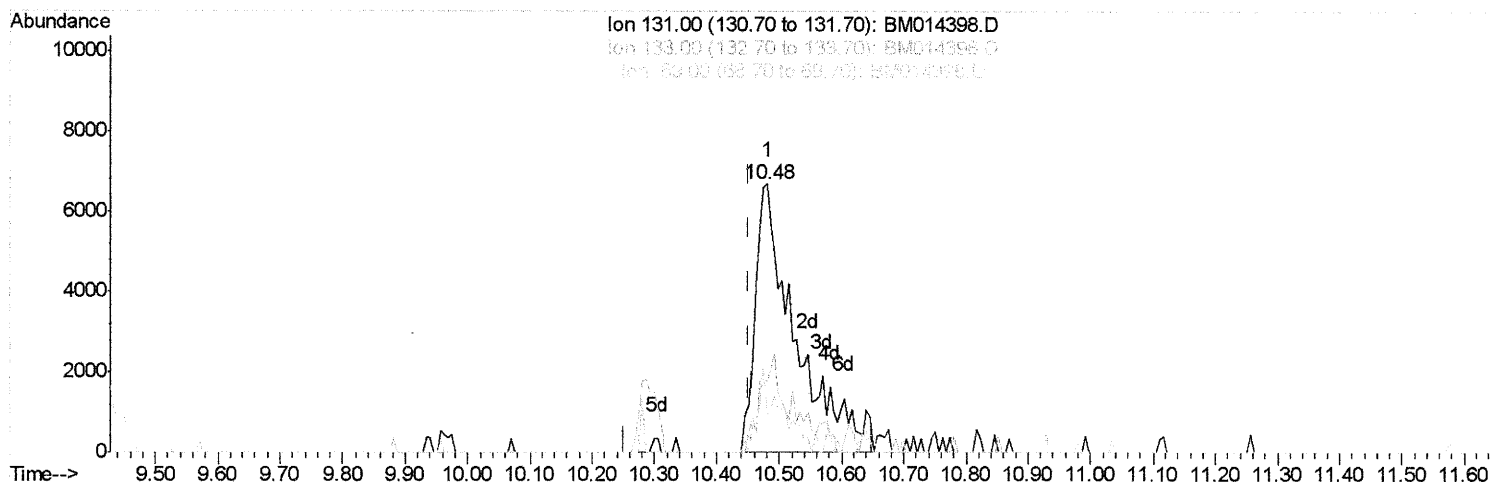
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:09:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.481min (+0.029) 4.80ng/ul m SJ 3/2/18

response 29785

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	26.52
69.00	24.30	14.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

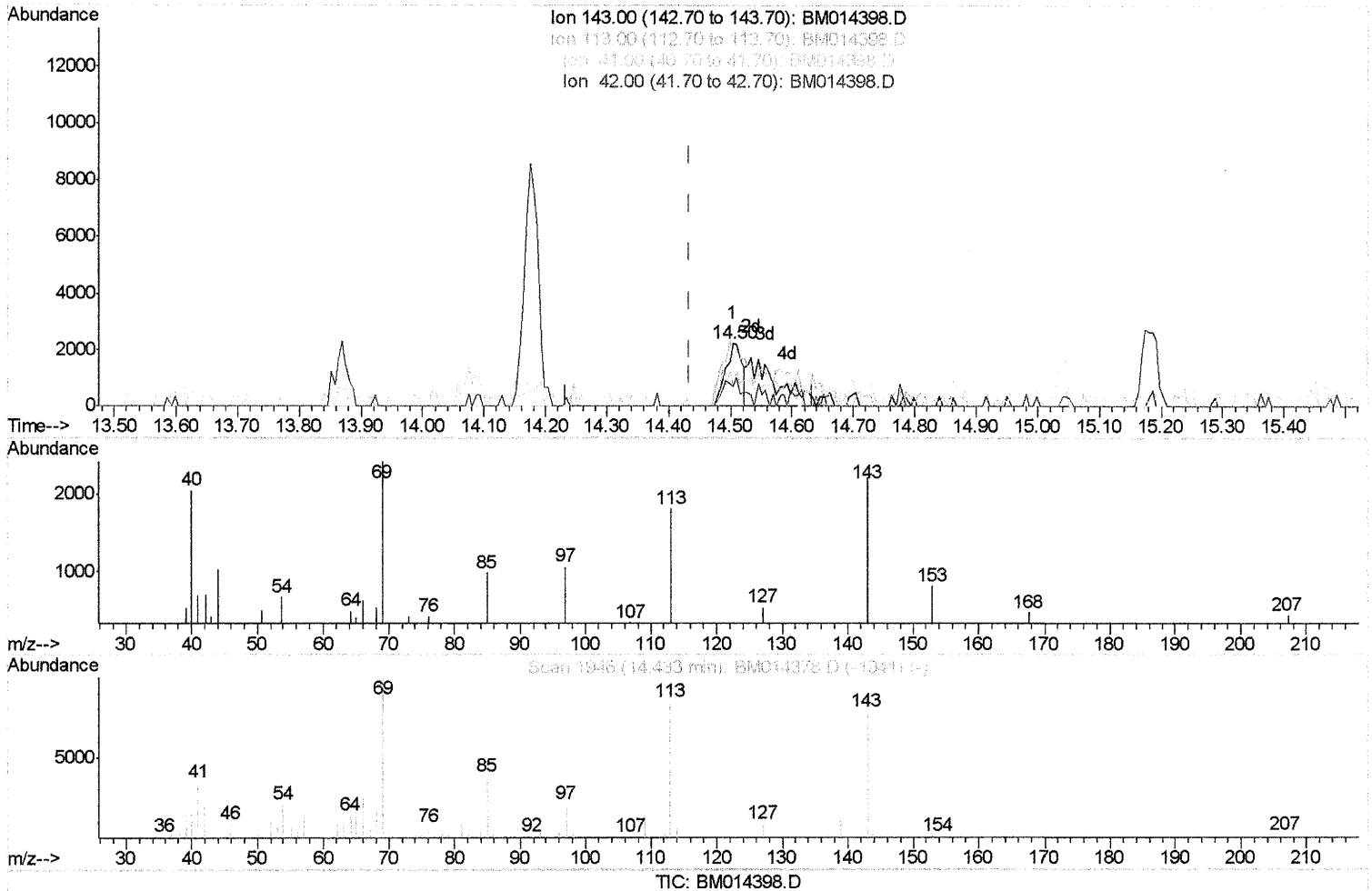
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:09:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.504min (+0.071) 1.55ng/ul

response 4166

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	81.81#
41.00	34.80	31.00
42.00	20.50	31.86#

Quantitation Report (Qedit)

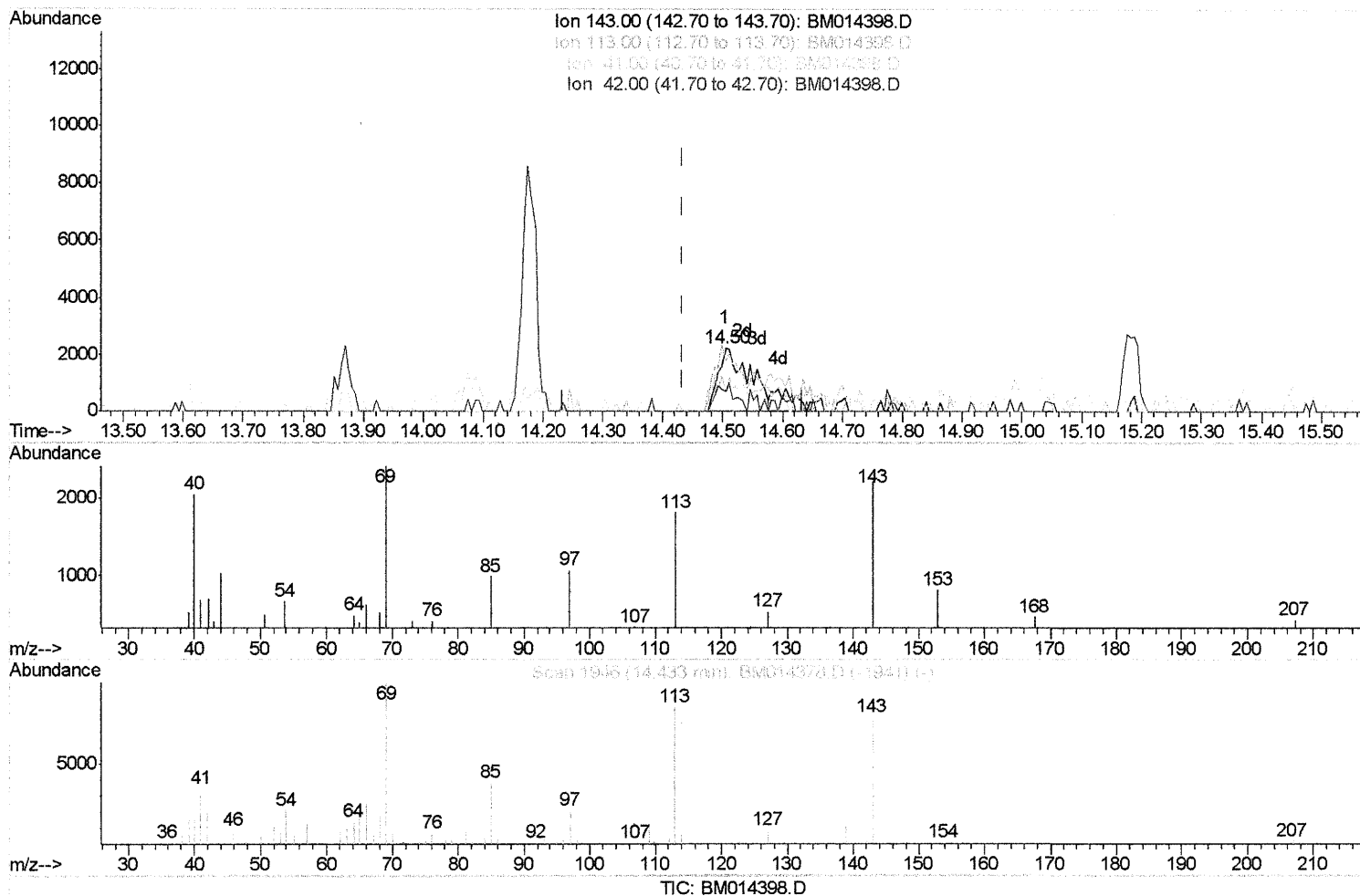
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:09:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.504min (+0.071) 2.93ng/ul m SJ 3/2/18

response 7865

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	81.81#
41.00	34.80	31.00
42.00	20.50	31.86#

Quantitation Report (Qedit)

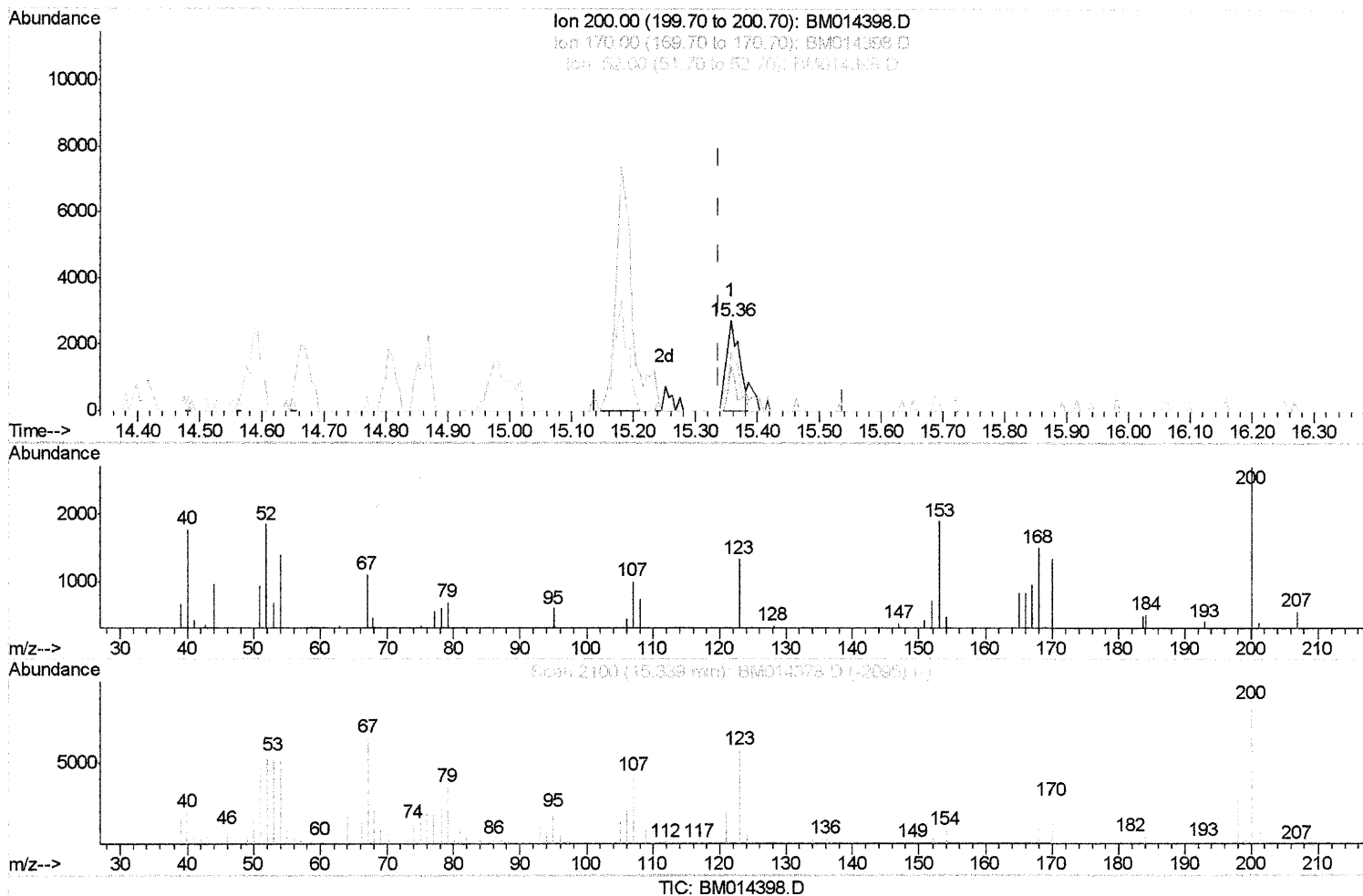
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014398.D
Acq On : 28 Feb 2018 11:36
Operator : SJ/JU
Sample : J1646-09 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BE5X3DL

Manual Integrations
APPROVED

Sohil
3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:14:18 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 12:00:03 2018
Response via : Initial Calibration



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

15.357min (+0.018) 1.34ng/ul

response 3980

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	49.94#
52.00	49.50	68.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

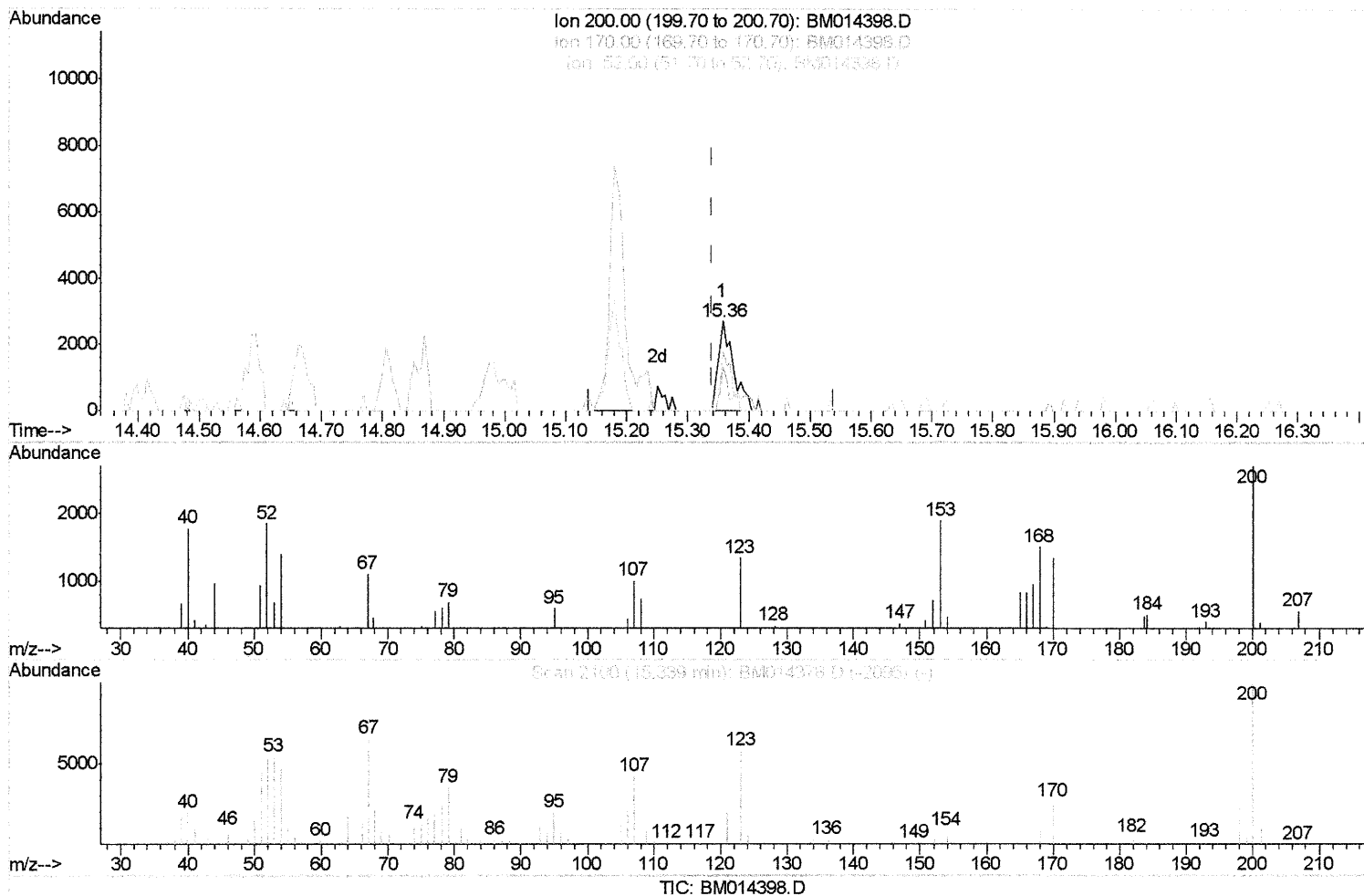
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014398.D
Acq On : 28 Feb 2018 11:36
Operator : SJ/JU
Sample : J1646-09 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BE5X3DL

Manual Integrations
APPROVED

Sohil
3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:14:18 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 12:00:03 2018
Response via : Initial Calibration



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

15.357min (+0.018) 1.57ng/ul m SJ 3/2/18

response 4669

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	49.94#
52.00	49.50	68.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

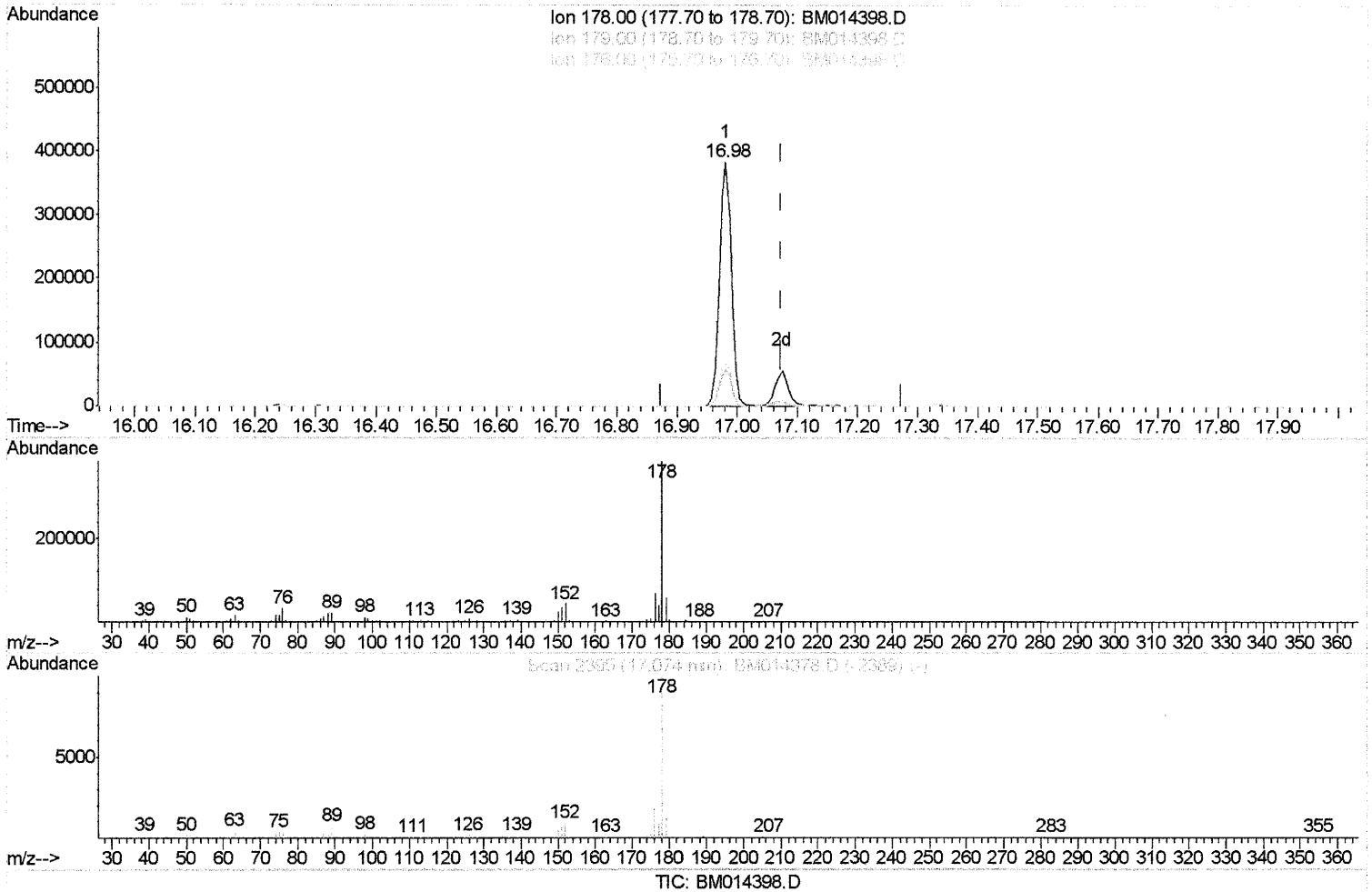
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:14:18 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(71) Anthracene

16.980min (-0.094) 18.30ng/ui

response 524793

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	15.47
176.00	18.20	17.75
0.00	0.00	0.00

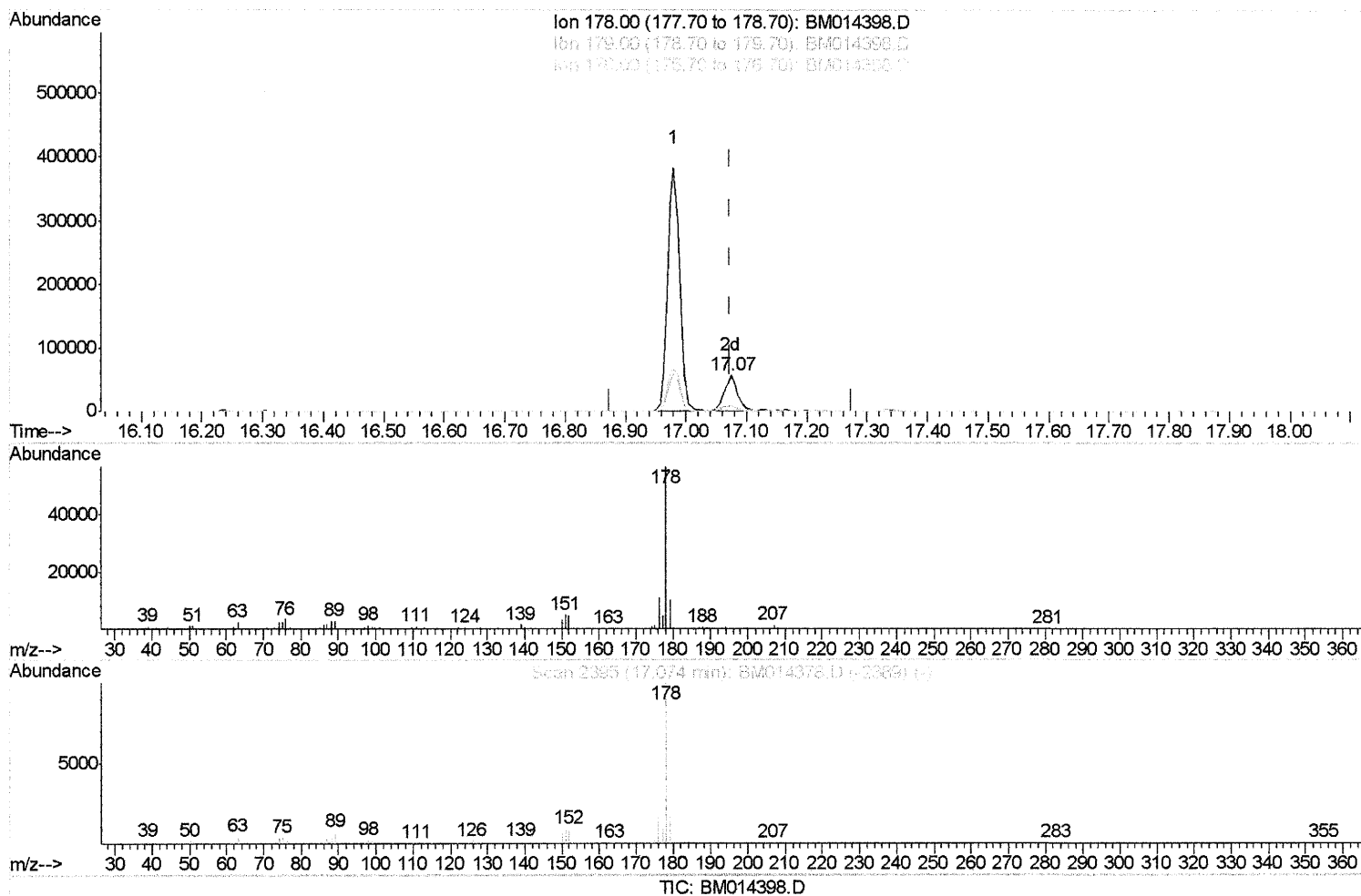
Instrument :
BNA_M
ClientSampleId :
BE5X3DL

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Data Path   : Z:\HPCHEM1\BNA M\DATA\BM022818\  
Data File  : BM014398.D  
Acq On     : 28 Feb 2018   11:36  
Operator   : SJ/JU  
Sample     : J1646-09 5X  
Misc       :  
ALS Vial   : 4      Sample Multiplier: 1
```

Manual Integrations APPROVED

Sohil
3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:14:18 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 12:00:03 2018
Response via : Initial Calibration



(71) Anthracene

17.074min (-0.000) 2.99ng/ul m SS 3|2|18

response 85639

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	17.95#
176.00	18.20	19.67
0.00	0.00	0.00

Quantitation Report (Qedit)

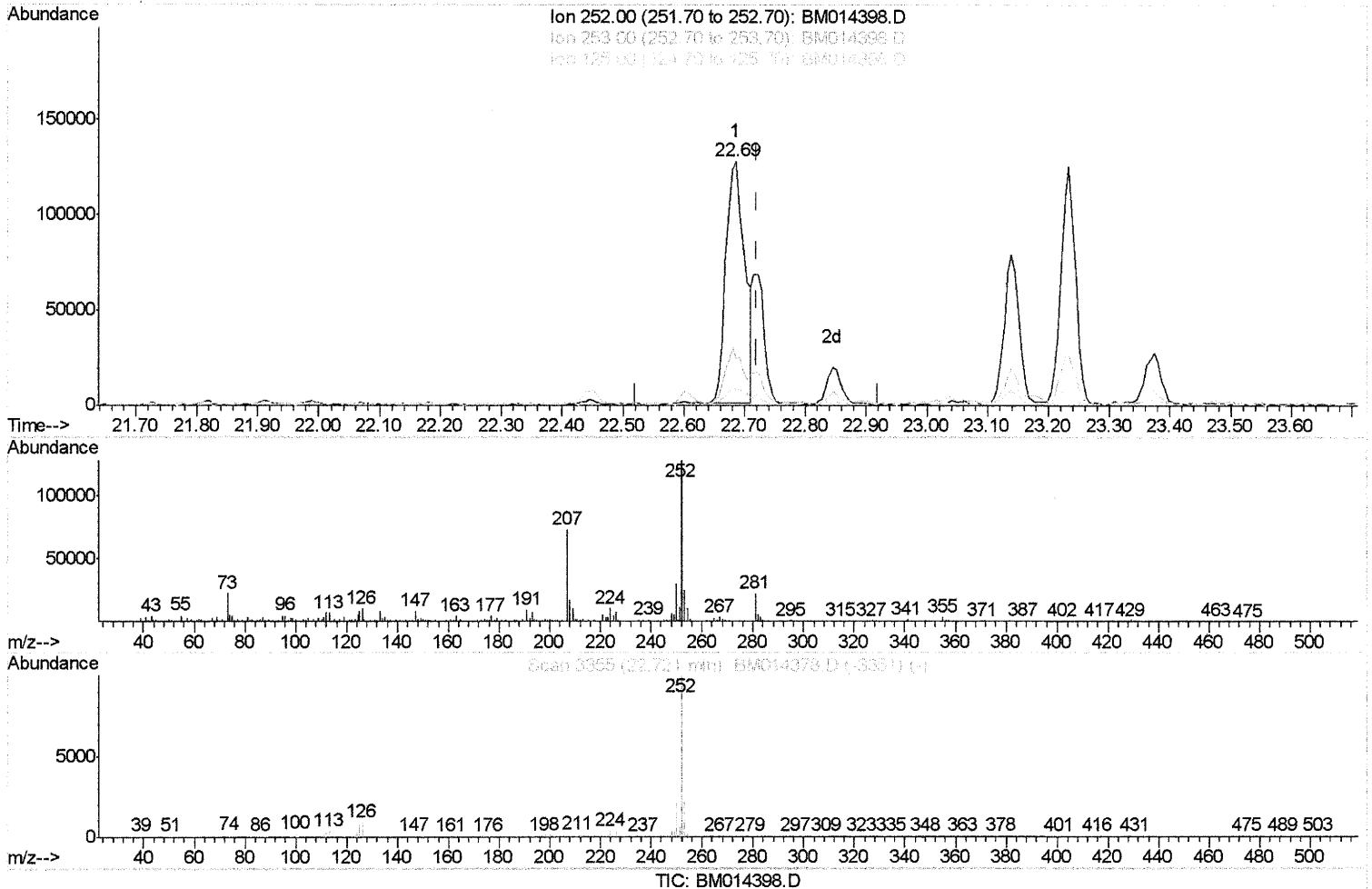
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:14:18 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.686min (-0.035) 9.19ng/ul

response 277278

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	19.63
125.00	4.30	6.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

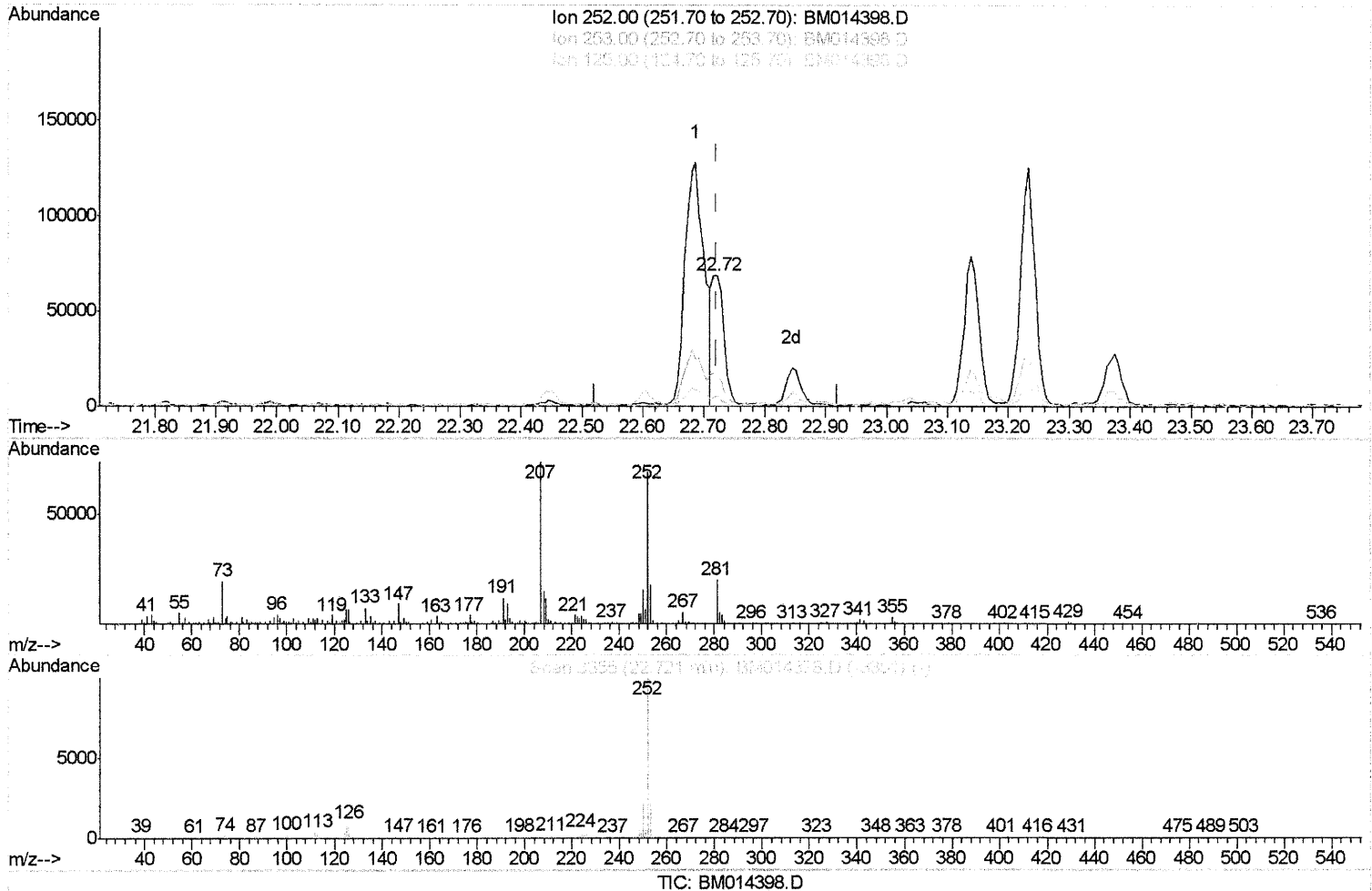
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:14:18 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.721min (-0.000) 3.10ng/ul m SJ 3/2/18

response 93535

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.69#
125.00	4.30	9.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

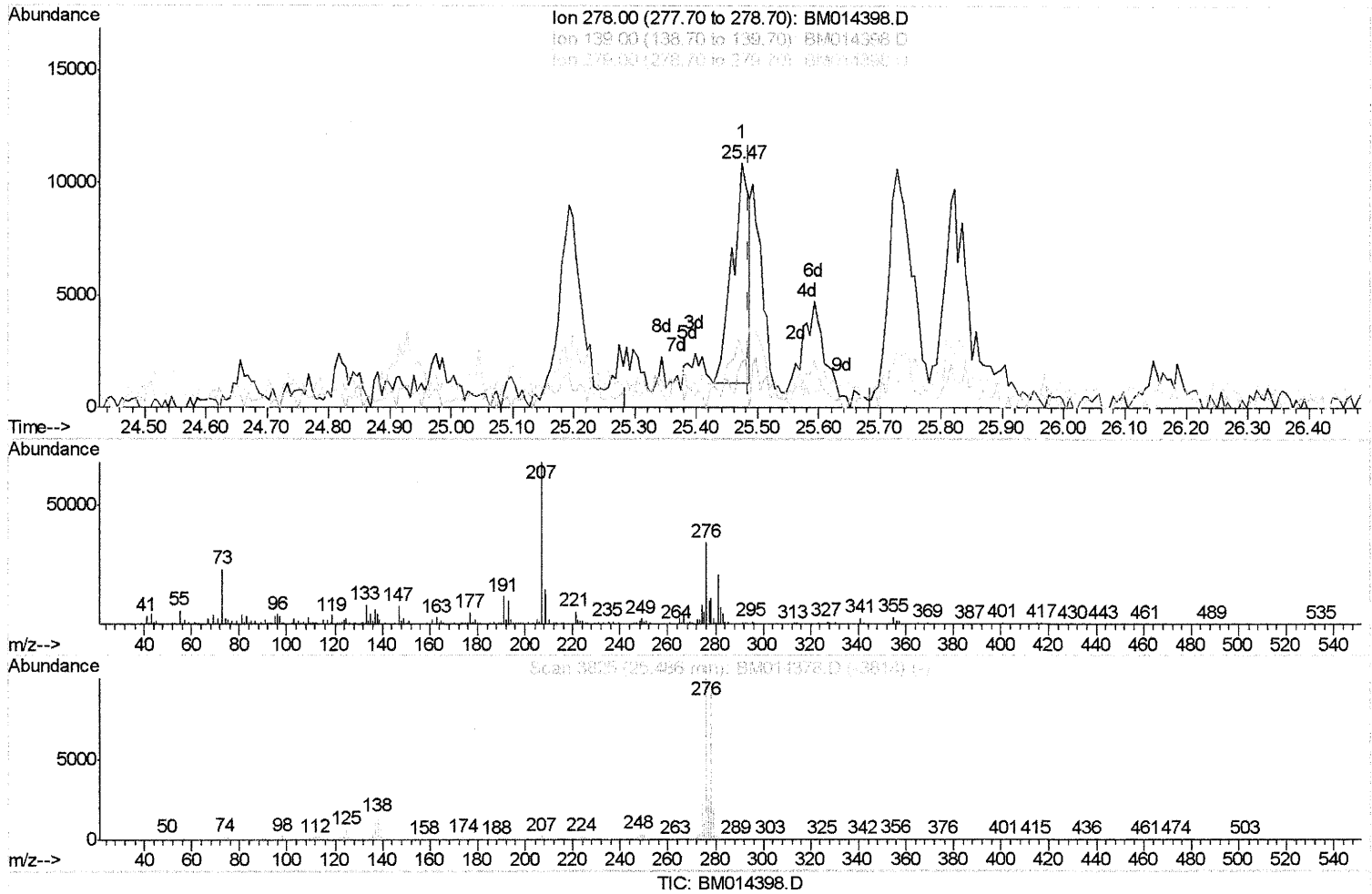
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:16:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(90) Dibenzo(a,h)anthracene

25.474min (-0.012) 0.81ng/ul

response 18446

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	18.77#
279.00	23.20	23.24
0.00	0.00	0.00

Quantitation Report (Qedit)

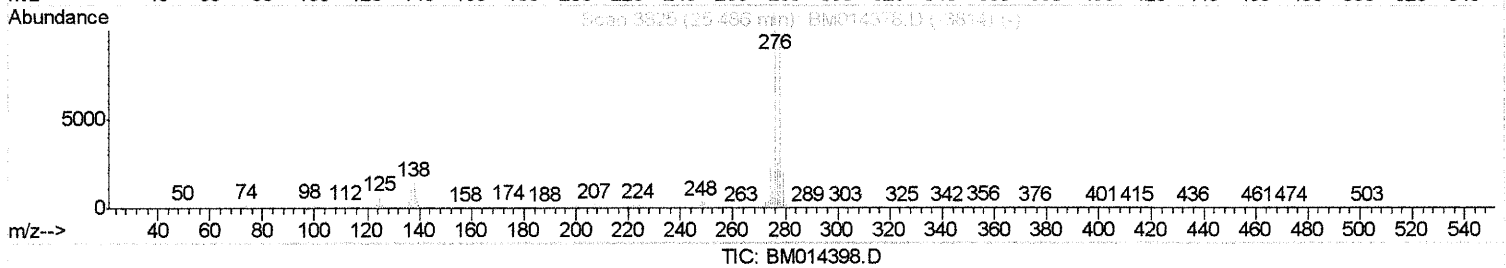
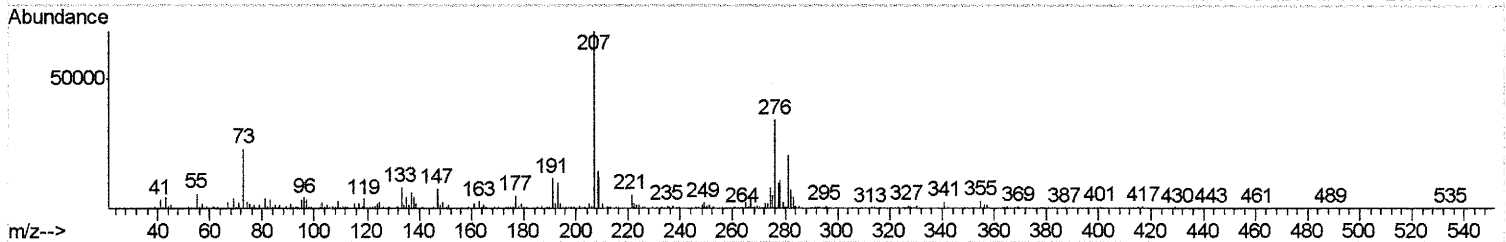
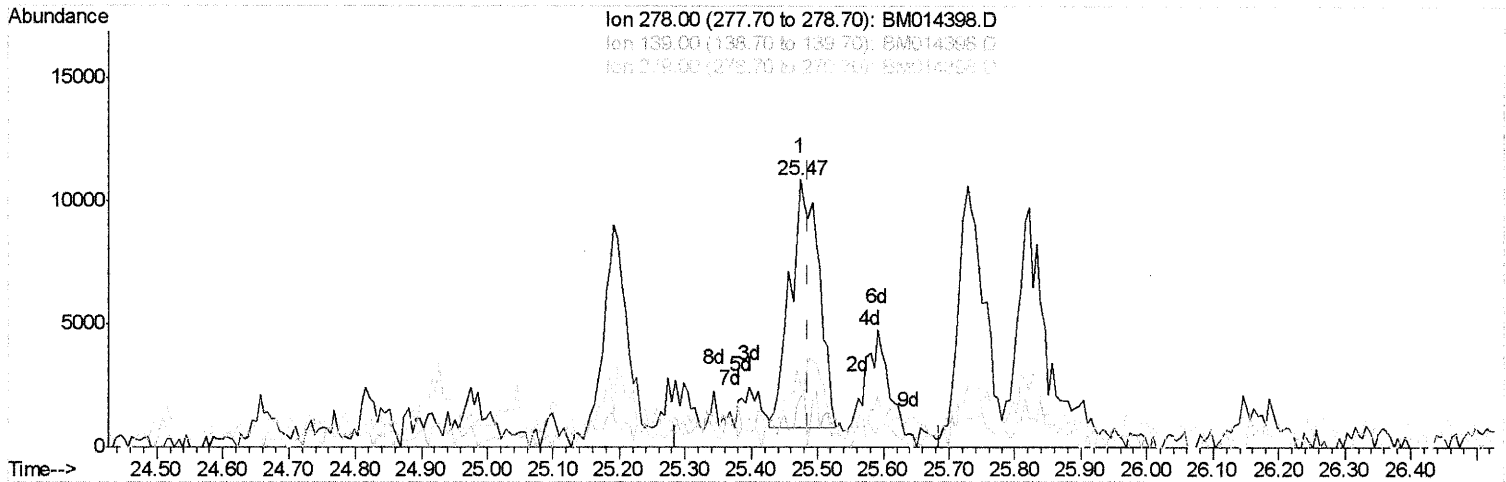
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:16:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(90) Dibenzo(a,h)anthracene

25.474min (-0.012) 1.33ng/ul m

SJ 3/2/18

response 30325

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	18.77#
279.00	23.20	23.24
0.00	0.00	0.00

Quantitation Report (Qedit)

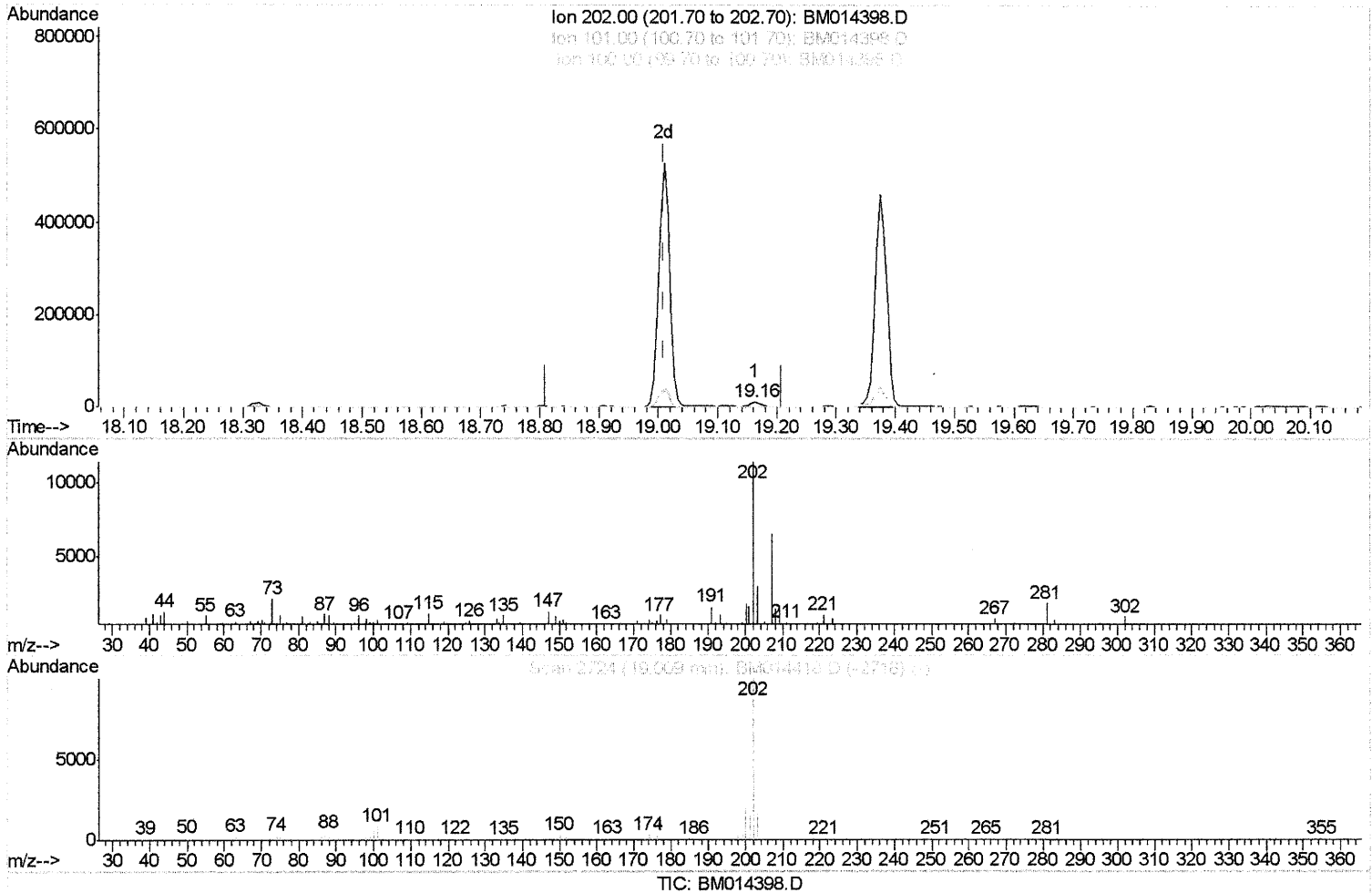
Data Path : Z:\HPCHEM1\BNA_M\Data\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:17:46 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(74) Fluoranthene (C)

19.162min (+0.153) 0.42ng/ul

response 14201

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	5.19
100.00	4.30	4.02
0.00	0.00	0.00

Quantitation Report (Qedit)

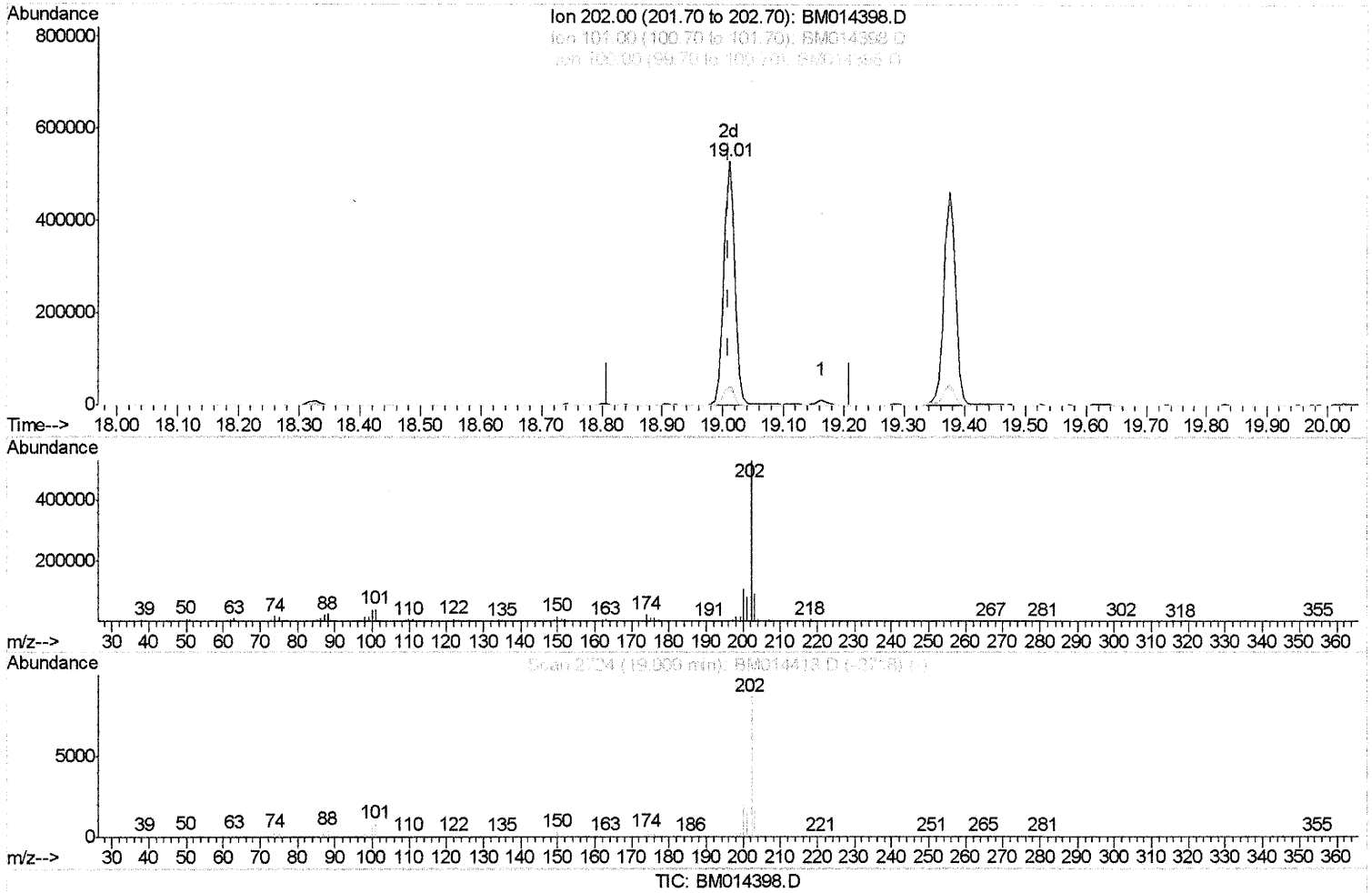
Data Path : Z:\HPCHEM1\BNA_M\Data\BM022818\
 Data File : BM014398.D
 Acq On : 28 Feb 2018 11:36
 Operator : SJ/JU
 Sample : J1646-09DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5X3DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:13:45 PM

Quant Time: Feb 28 16:17:46 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration



(74) Fluoranthene (C)

19.009min (-0.000) 19.71ng/ul m SJ 3/2/18

response 671439

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	7.77#
100.00	4.30	6.61#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Instrument :
BNA_M
ClientSampled :
BE5X3DL

Data Path : Z:\HPCHEM1\BNA_M\Data\BM022818\
Data File : BM014398.D
Acq On : 28 Feb 2018 11:36
Operator : SJ/JU
Sample : J1646-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Manual Integrations
APPROVED

Sohil
3/1/2018 5:13:45 PM

Quant Time: Mar 01 10:15:19 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 12:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	98421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	397902	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	235095	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	494789	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	499438	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	473990	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	2871	1.25	ng/uL	0.00	
5) Phenol-d5	6.73	99	41788	5.02	ng/ul	0.01	
7) Bis-(2-Chloroethyl)ether-d	6.87	67	27559m	5.47	ng/ul	0.00	} SJ 3/2/18
9) 2-Chlorophenol-d4	7.06	132	38594m	6.05	ng/ul	0.00	
13) 4-Methylphenol-d8	8.26	113	32243m	4.43	ng/ul	0.02	
19) Nitrobenzene-d5	8.69	128	19142	6.51	ng/ul	0.01	
22) 2-Nitrophenol-d4	9.40	143	18441m	6.06	ng/ul	0.01	} SJ 3/2/18
26) 2,4-Dichlorophenol-d3	9.96	165	34978m	5.55	ng/ul	0.03	
29) 4-Chloroaniline-d4	10.48	131	29785m	4.80	ng/ul	0.03	
43) Dimethylphthalate-d6	13.60	166	116192	5.98	ng/ul	0.00	
46) Acenaphthylene-d8	13.87	160	152299	6.36	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.50	143	7865m	2.93	ng/ul	0.07	SJ 3/2/18
57) Fluorene-d10	15.18	176	100878	5.80	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.36	200	4669m	1.57	ng/ul	0.02	SJ 3/2/18
70) Anthracene-d10	17.04	188	151208	6.33	ng/ul	0.00	
76) Pyrene-d10	19.34	212	171140	6.64	ng/ul	0.00	
87) Benzo(a)pyrene-d12	23.19	264	147771	6.41	ng/ul	0.00	

Target Compounds

					Qvalue	
44) Dimethylphthalate	13.65	163	28457	1.486	ng/ul#	93
49) Acenaphthene	14.24	153	23484	1.474	ng/ul	97
58) Fluorene	15.24	166	22706	1.101	ng/ul	91
69) Phenanthrene	16.98	178	524793	18.409	ng/ul	99
71) Anthracene	17.07	178	85639m	2.987	ng/ul	} SJ 3/2/18
72) Carbazole	17.36	167	30166	1.251	ng/ul#	
74) Fluoranthene	19.01	202	671439m	19.714	ng/ul	} SJ 3/2/18
77) Pyrene	19.37	202	623873	18.796	ng/ul#	
80) Benzo(a)anthracene	21.14	228	273776	8.783	ng/ul	99
82) Chrysene	21.19	228	252797	8.694	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	277278	8.737	ng/ul#	94
86) Benzo(k)fluoranthene	22.72	252	93535m	3.100	ng/ul	- SJ 3/2/18
88) Benzo(a)pyrene	23.23	252	205382	7.242	ng/ul#	
89) Indeno(1,2,3-cd)pyrene	25.49	276	122139	4.438	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.47	278	30325m	1.326	ng/ul	} SJ 3/2/18
91) Benzo(g,h,i)perylene	26.14	276	97137	4.357	ng/ul#	

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