

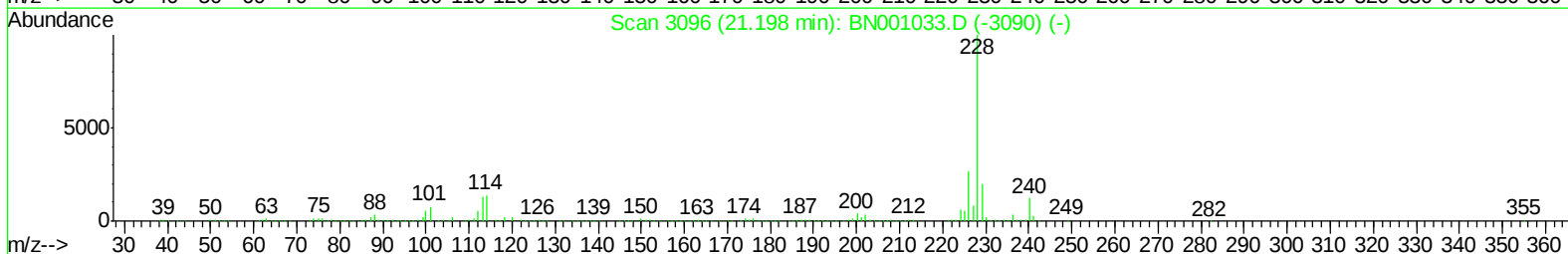
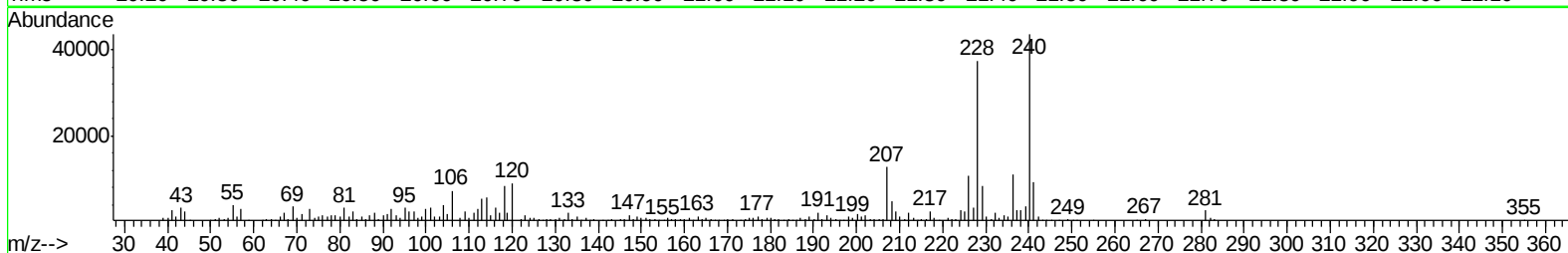
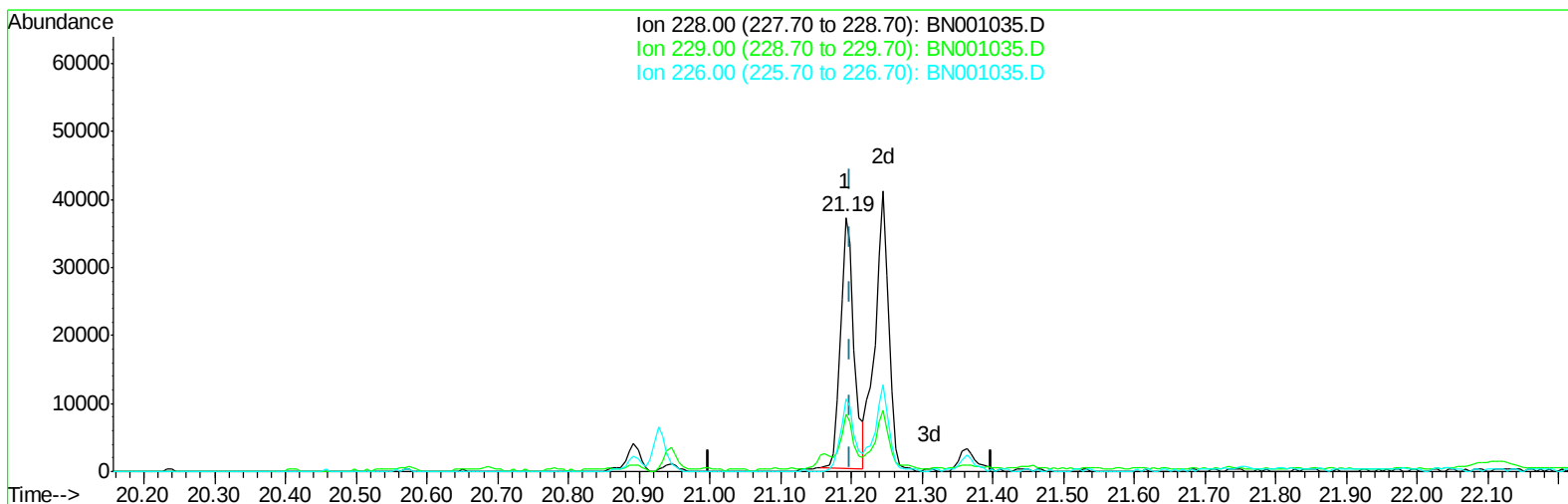
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001035.D
Acq On : 01 May 2018 18:10
Operator : JU/SJ
Sample : J2599-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAT39

Manual Integrations
APPROVED

Sohil
5/2/2018 11:09:46 AM

Quant Time: May 02 07:45:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 02 07:44:40 2018
Response via : Initial Calibration



TIC: BN001035.D

(20) Benzo(a)anthracene
21.192min (-0.006) 1.85ng/ul
response 48977

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	22.33
226.00	26.40	28.41
0.00	0.00	0.00

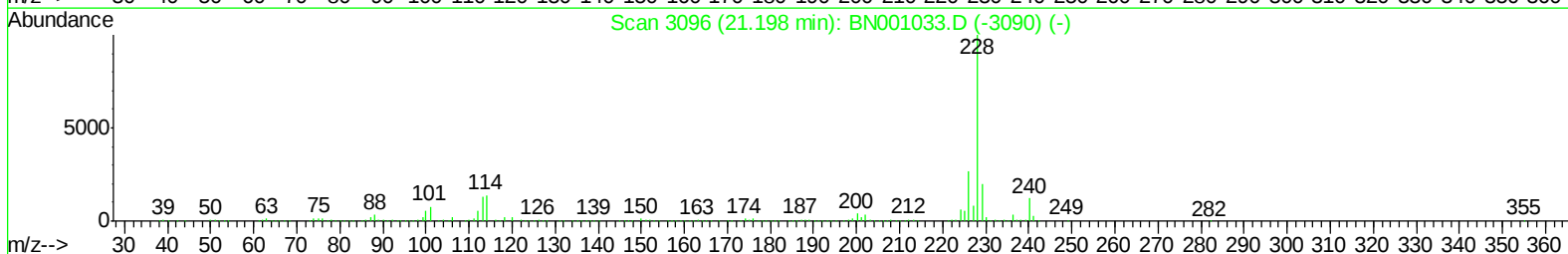
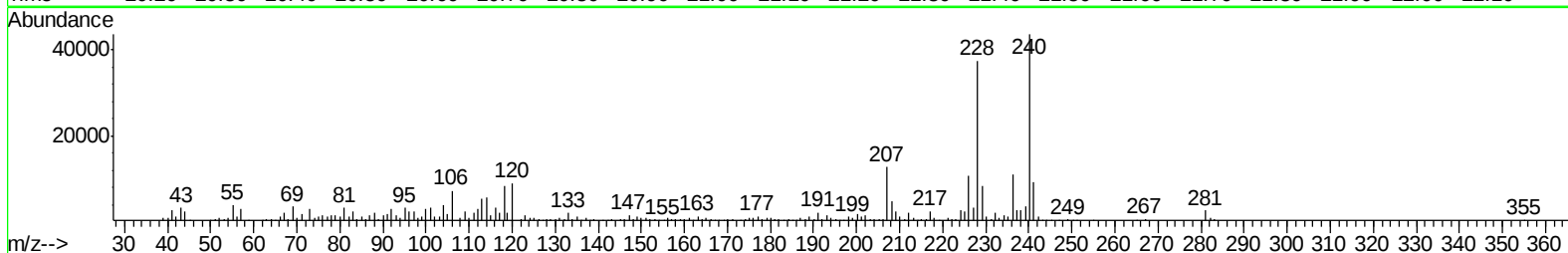
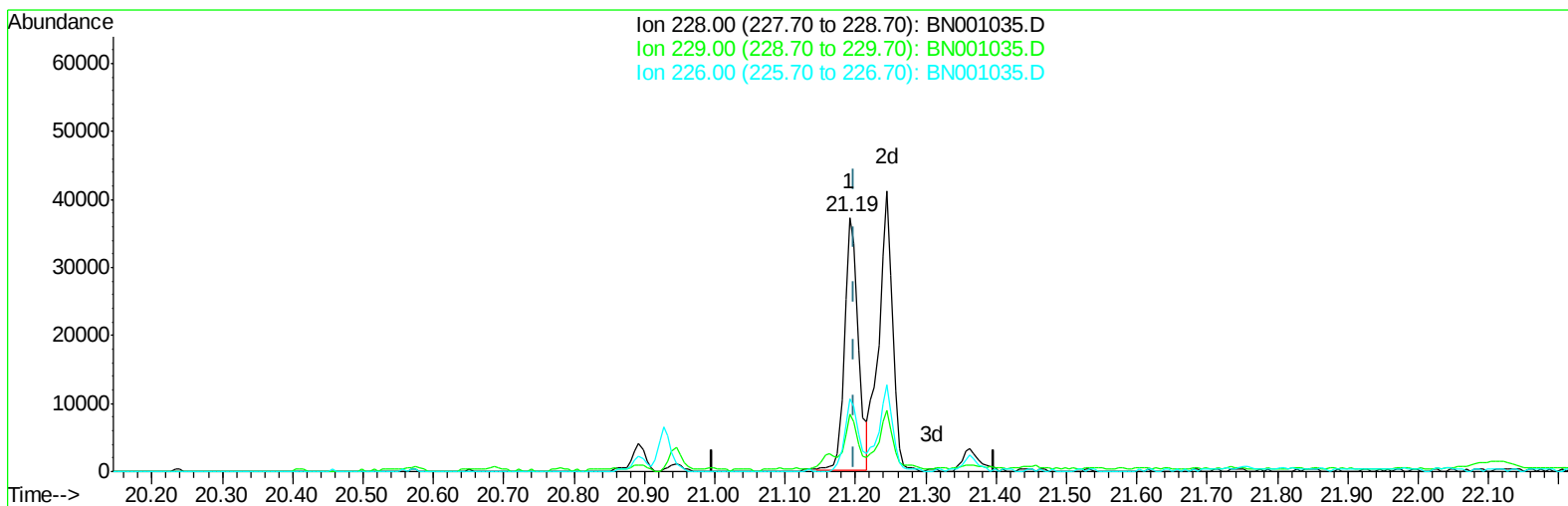
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001035.D
Acq On : 01 May 2018 18:10
Operator : JU/SJ
Sample : J2599-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAT39

Manual Integrations
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Quant Time: May 02 07:45:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 02 07:44:40 2018
Response via : Initial Calibration



TIC: BN001035.D

(20) Benzo(a)anthracene

21.192min (-0.006) 1.91ng/ul m

response 50478

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	22.33
226.00	26.40	28.41
0.00	0.00	0.00

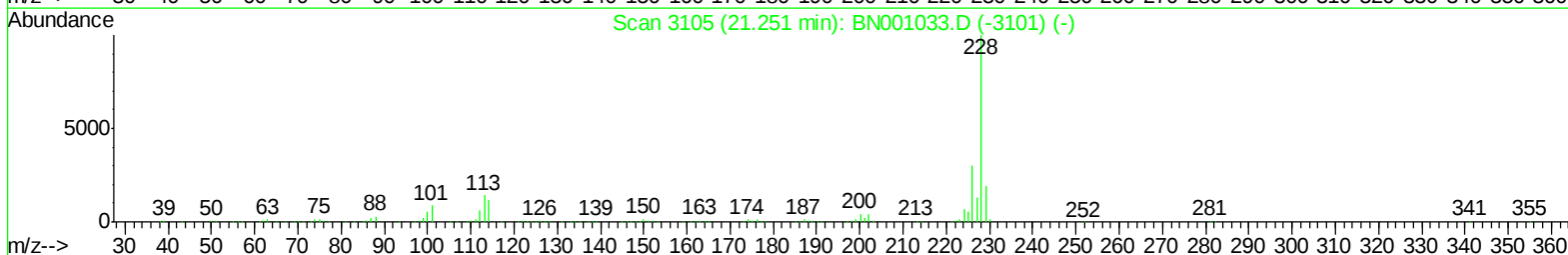
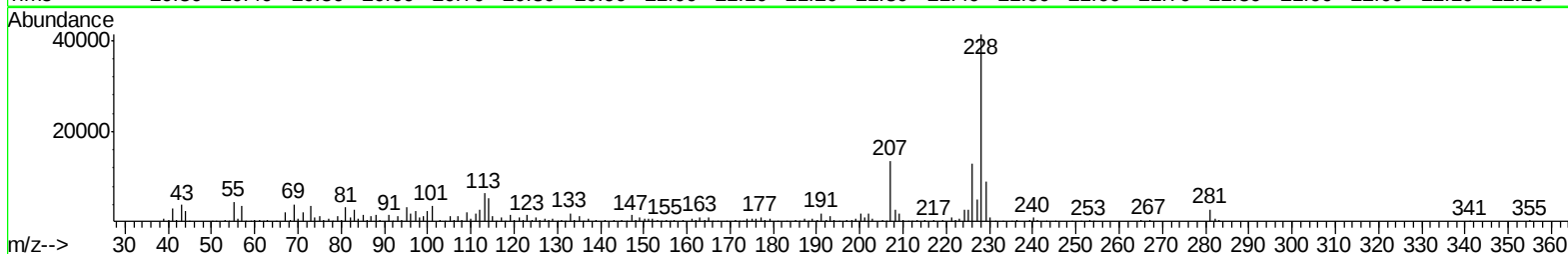
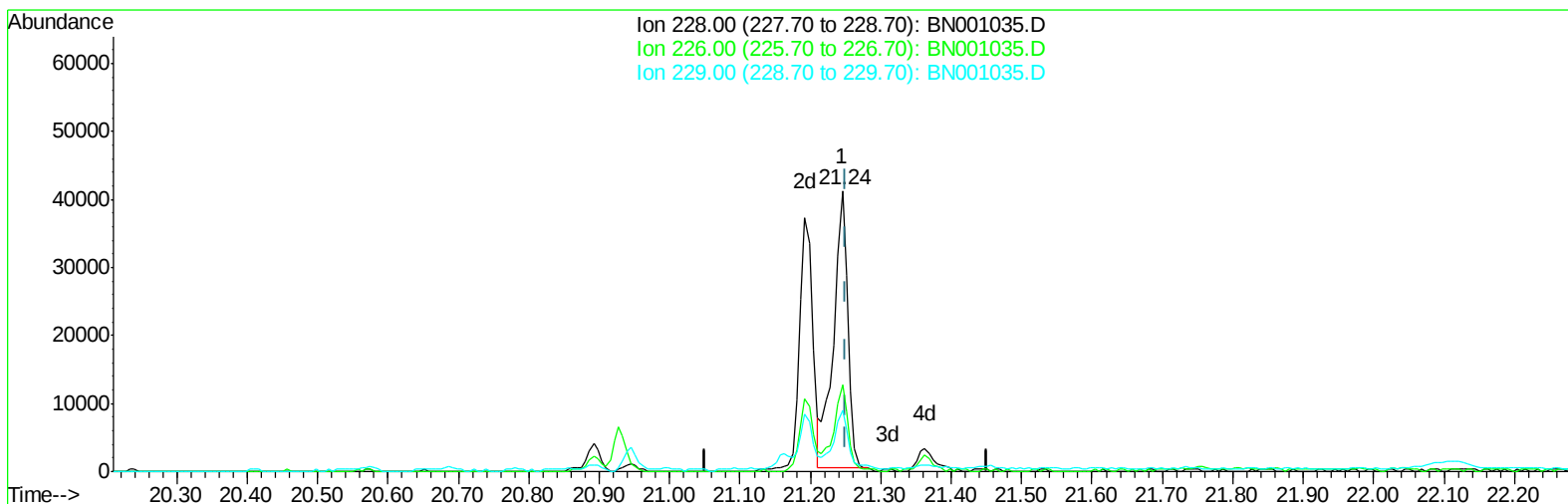
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001035.D
Acq On : 01 May 2018 18:10
Operator : JU/SJ
Sample : J2599-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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Quant Time: May 02 07:45:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BN001035.D

(21) Chrysene

21.245min (-0.006) 2.29ng/ul

response 57044

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.10
229.00	19.80	21.69
0.00	0.00	0.00

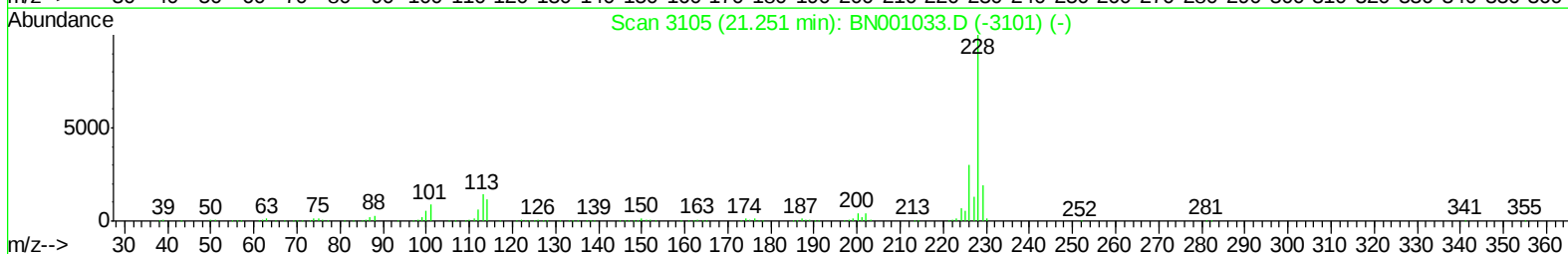
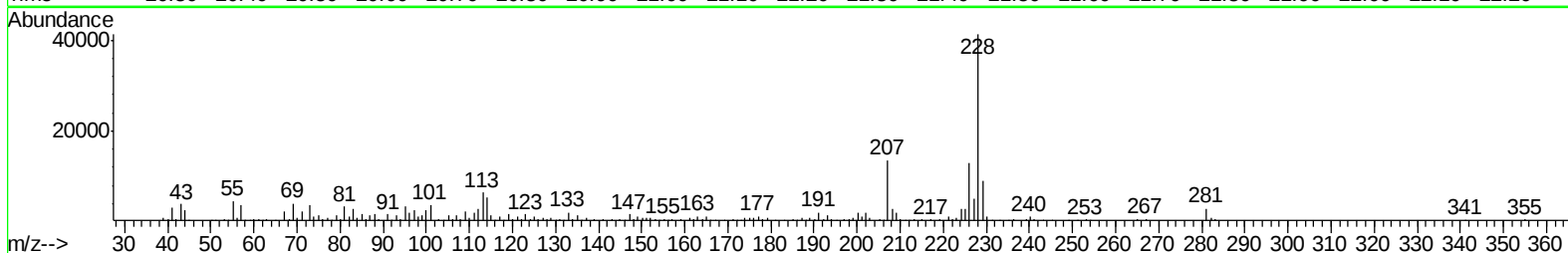
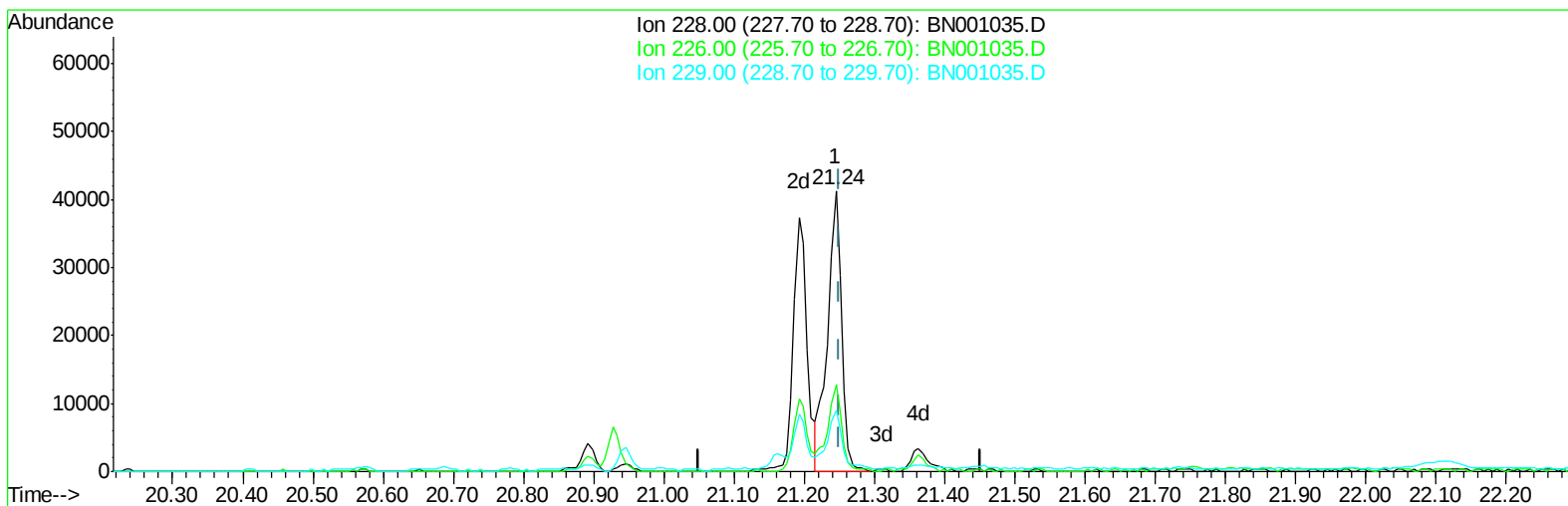
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001035.D
Acq On : 01 May 2018 18:10
Operator : JU/SJ
Sample : J2599-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAT39

Manual Integrations
APPROVED

Sohil
5/2/2018 11:09:46 AM

Quant Time: May 02 07:45:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 02 07:44:40 2018
Response via : Initial Calibration



TIC: BN001035.D

(21) Chrysene

21.245min (-0.006) 2.28ng/ul m

response 56802

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.10
229.00	19.80	21.69
0.00	0.00	0.00

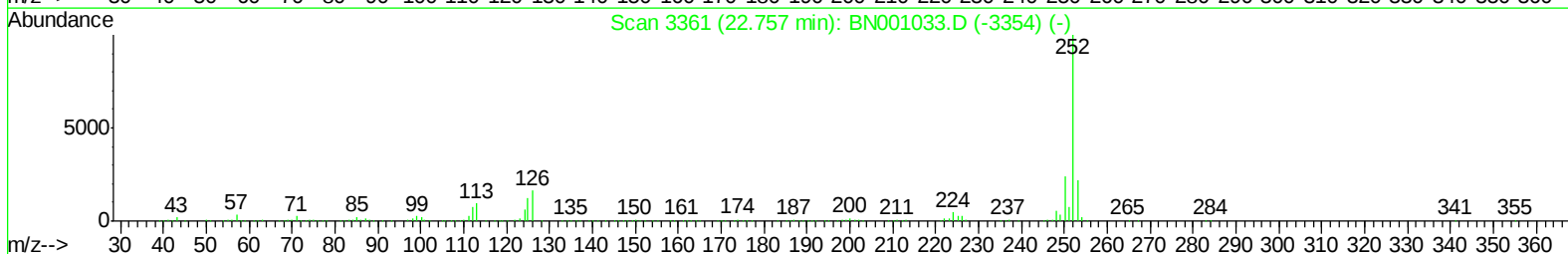
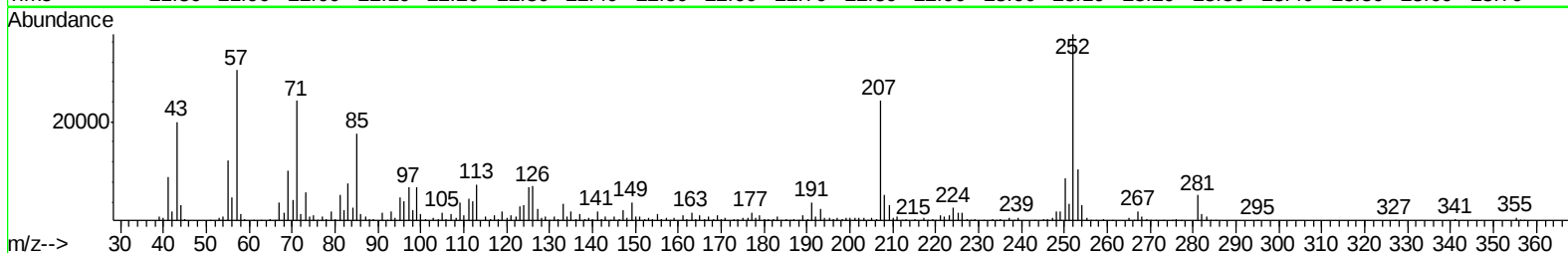
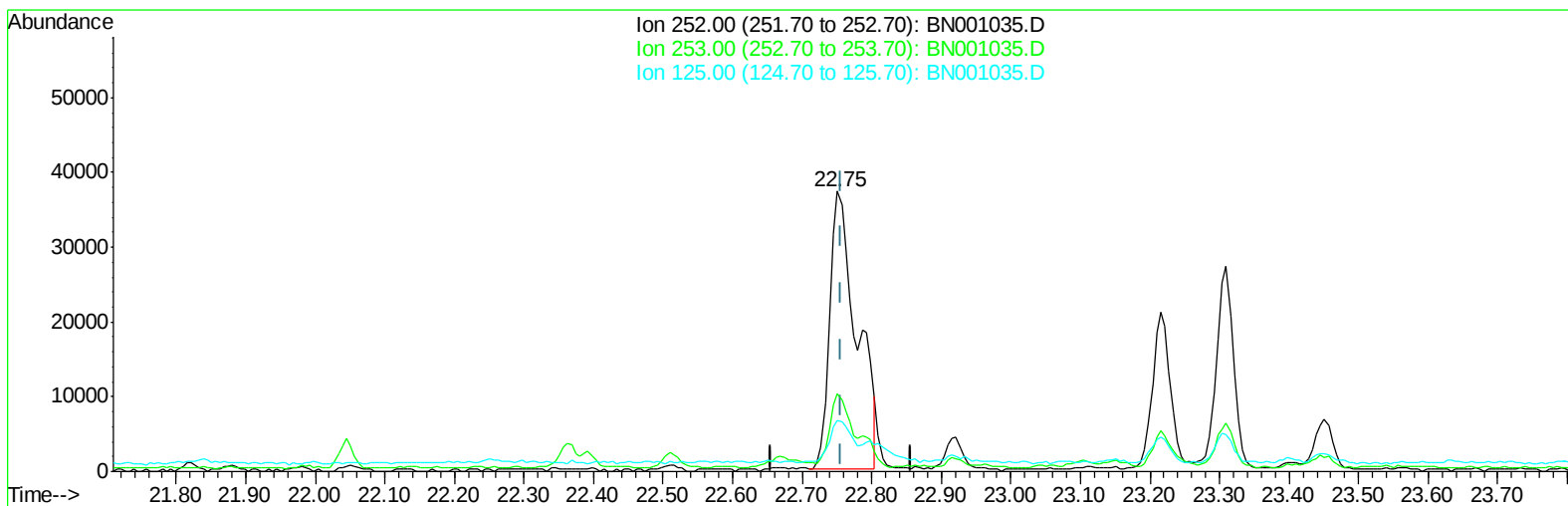
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001035.D
Acq On : 01 May 2018 18:10
Operator : JU/SJ
Sample : J2599-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAT39

Manual Integrations
APPROVED

Sohil
5/2/2018 11:09:46 AM

Quant Time: May 02 07:45:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
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TIC: BN001035.D

(23) Benzo(b)fluoranthene

22.751min (-0.006) 3.77ng/ul

response 99325

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	27.80#
125.00	10.00	18.36#
0.00	0.00	0.00

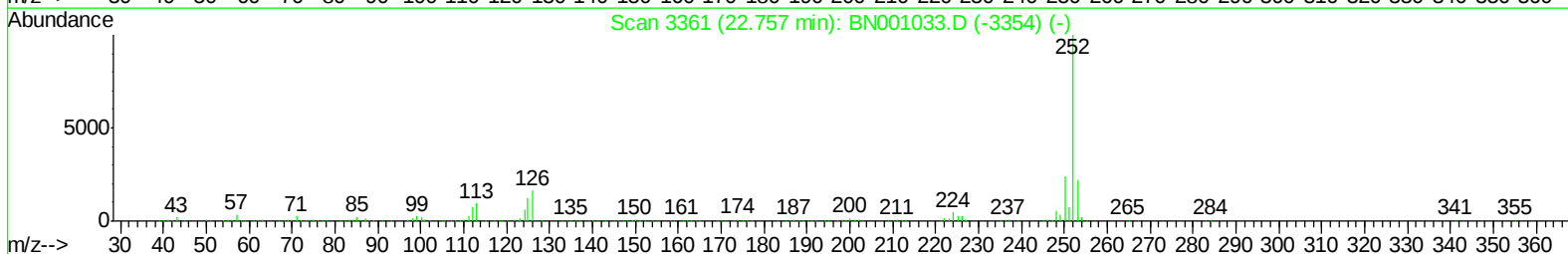
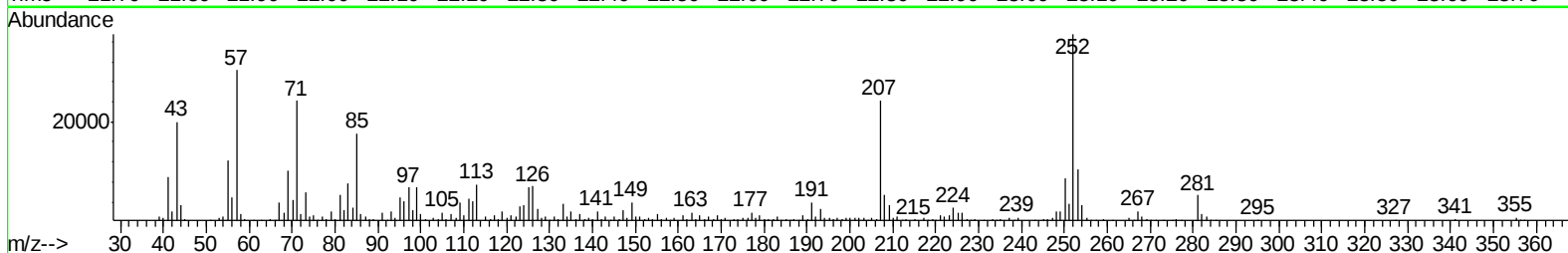
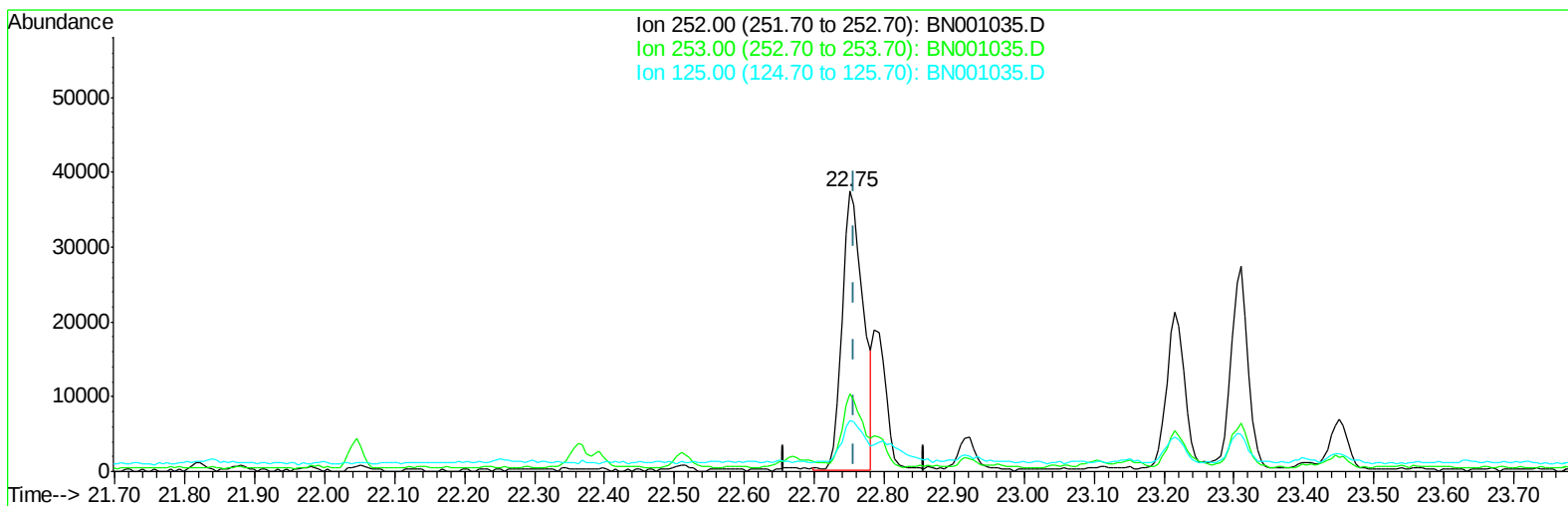
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001035.D
Acq On : 01 May 2018 18:10
Operator : JU/SJ
Sample : J2599-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAT39

Manual Integrations
APPROVED

Sohil
5/2/2018 11:09:46 AM

Quant Time: May 02 07:45:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 02 07:44:40 2018
Response via : Initial Calibration



TIC: BN001035.D

(23) Benzo(b)fluoranthene

22.751min (-0.006) 3.01ng/ul m

response 79260

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	27.80#
125.00	10.00	18.36#
0.00	0.00	0.00

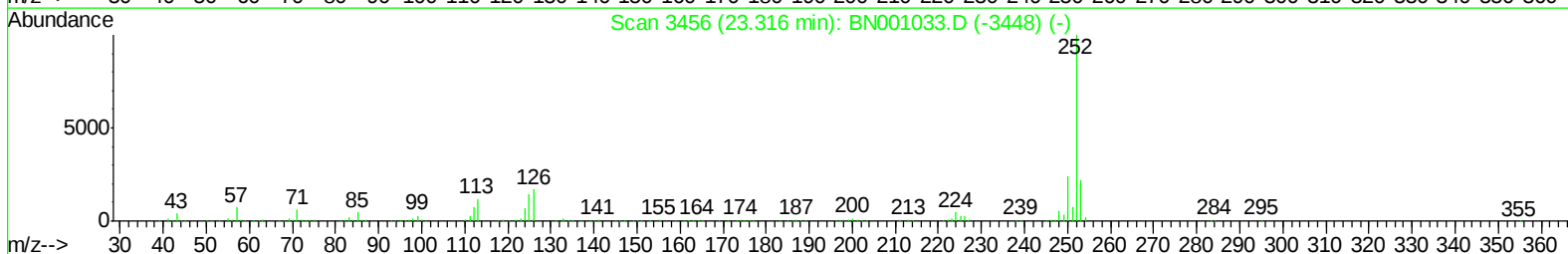
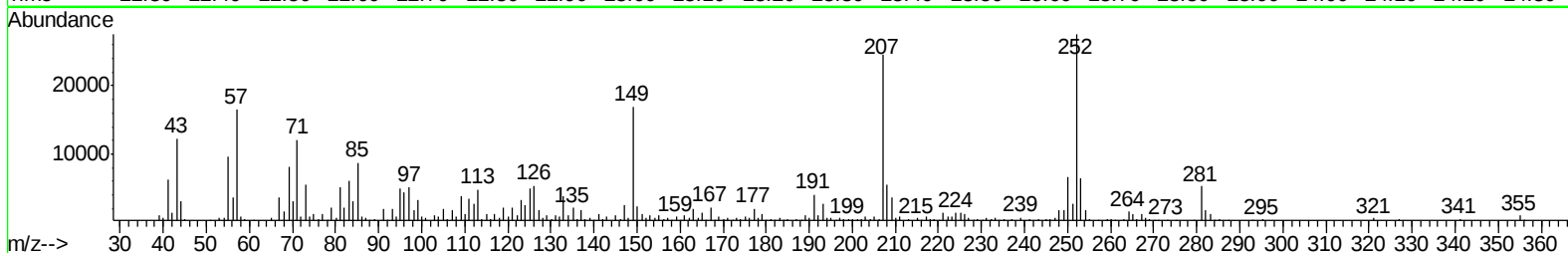
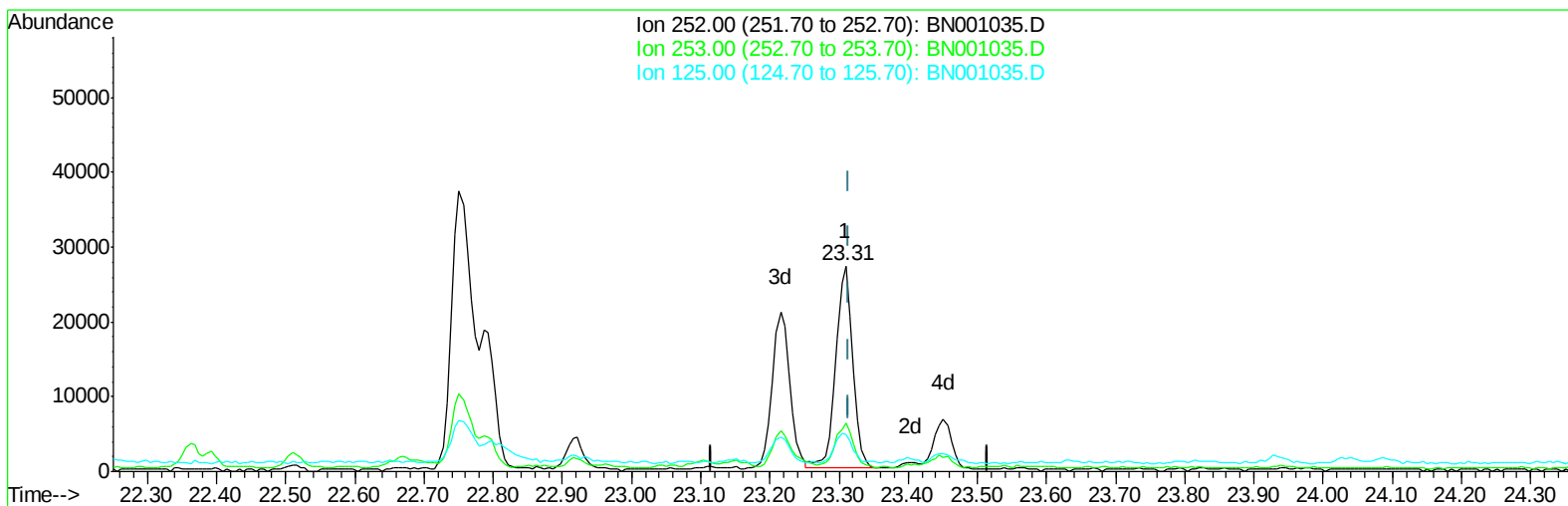
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001035.D
Acq On : 01 May 2018 18:10
Operator : JU/SJ
Sample : J2599-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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Quant Time: May 02 07:45:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 02 07:44:40 2018
Response via : Initial Calibration



TIC: BN001035.D

(26) Benzo(a)pyrene (C)

23.310min (-0.006) 1.84ng/ul

response 46247

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.39
125.00	10.30	17.82#
0.00	0.00	0.00

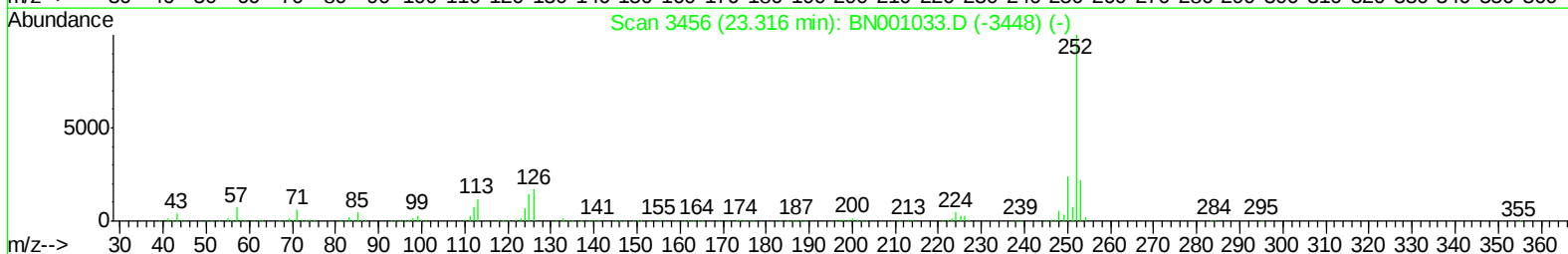
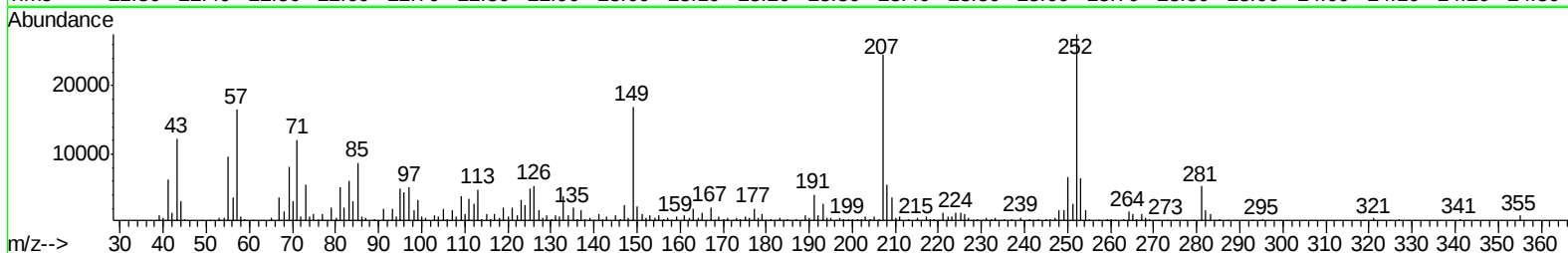
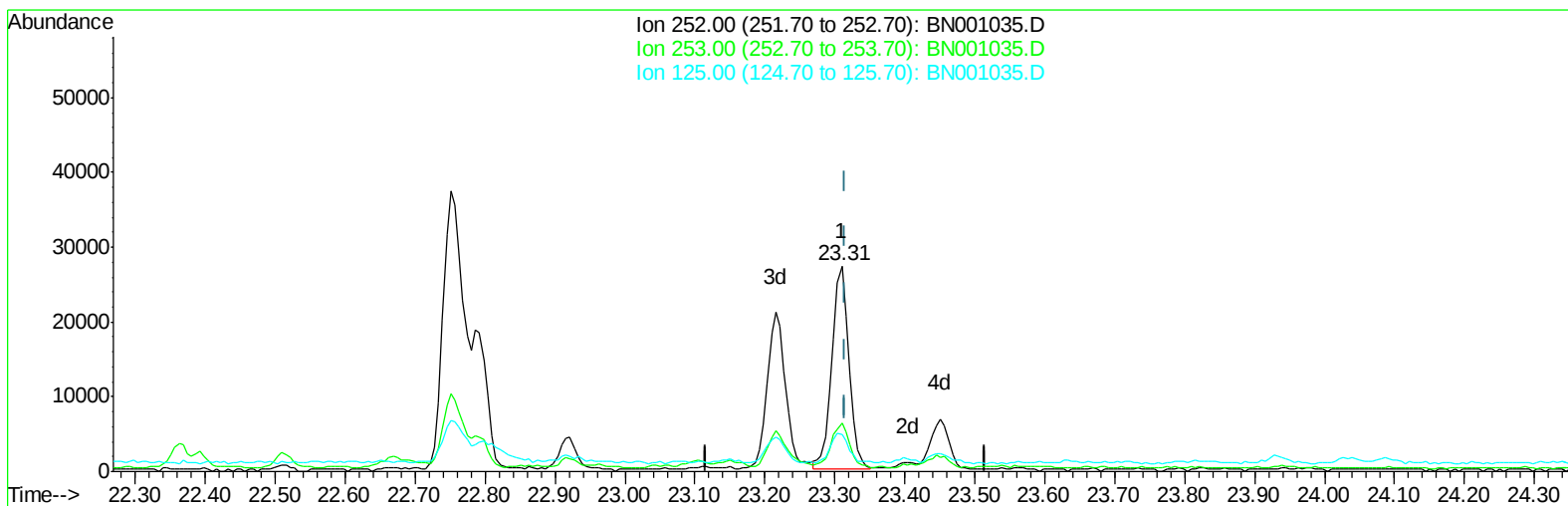
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001035.D
Acq On : 01 May 2018 18:10
Operator : JU/SJ
Sample : J2599-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAT39

Manual Integrations
APPROVED

Sohil
5/2/2018 11:09:46 AM

Quant Time: May 02 07:45:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 02 07:44:40 2018
Response via : Initial Calibration



TIC: BN001035.D

(26) Benzo(a)pyrene (C)

23.310min (-0.006) 1.84ng/ul m

response 46278

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.39
125.00	10.30	17.82#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
 Data File : BN001035.D
 Acq On : 01 May 2018 18:10
 Operator : JU/SJ
 Sample : J2599-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAT39

Manual Integrations
 APPROVED

Sohil
 5/2/2018 11:09:46 AM

Quant Time: May 02 08:05:24 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 02 07:44:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	96943	20.00	ng/ul	0.00
2) Naphthalene-d8	10.38	136	410808	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	212303	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	450978	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	443033	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	463492	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	434340	21.30	ng/ul	0.00
10) Fluorene-d10	15.25	176	311451	22.88	ng/ul	0.00
14) Anthracene-d10	17.10	188	466388	22.61	ng/ul	0.00
18) Pyrene-d10	19.40	212	501883	22.11	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	532025	24.30	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	35861	1.458	ng/ul	99
16) Fluoranthene	19.07	202	119553	4.791	ng/ul#	94
19) Pyrene	19.43	202	101385	3.563	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	50478m	1.906	ng/ul	
21) Chrysene	21.24	228	56802m	2.282	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	79260m	3.009	ng/ul	
26) Benzo(a)pyrene	23.31	252	46278m	1.838	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.59	276	37995	1.250	ng/ul#	85
29) Benzo(g,h,i)perylene	26.25	276	36756	1.445	ng/ul#	89

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

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
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Sample : J2599-18
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Sohil
5/2/2018 11:09:46 AM

