

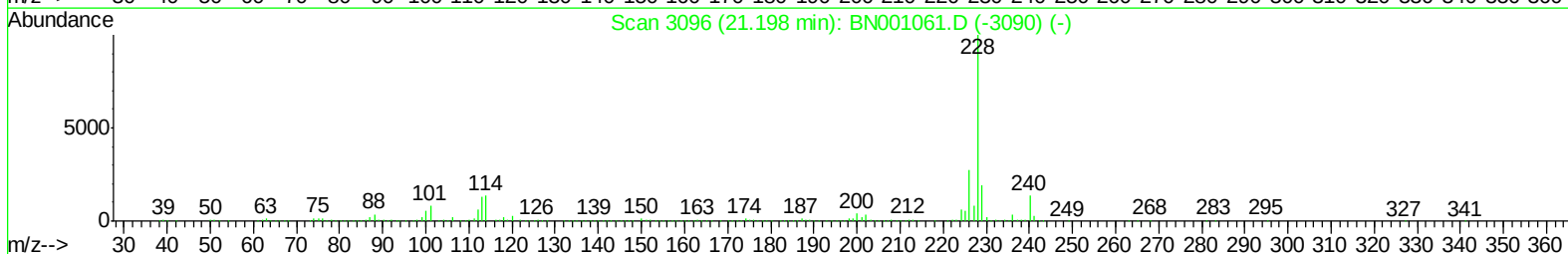
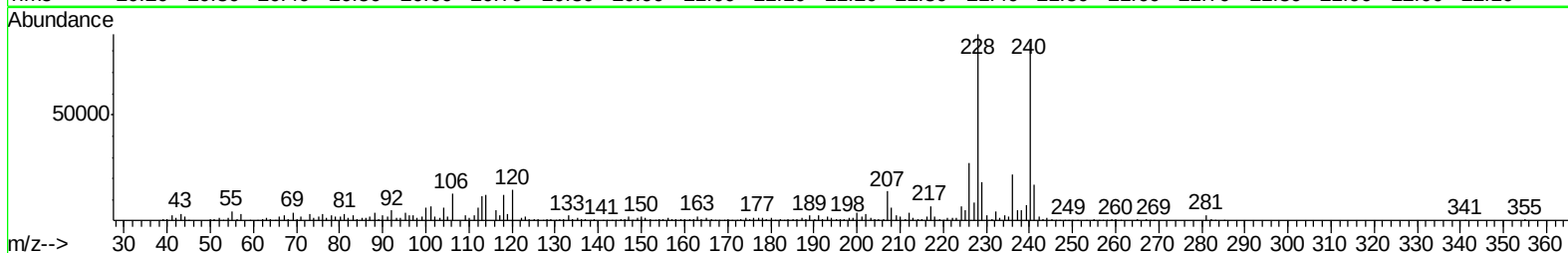
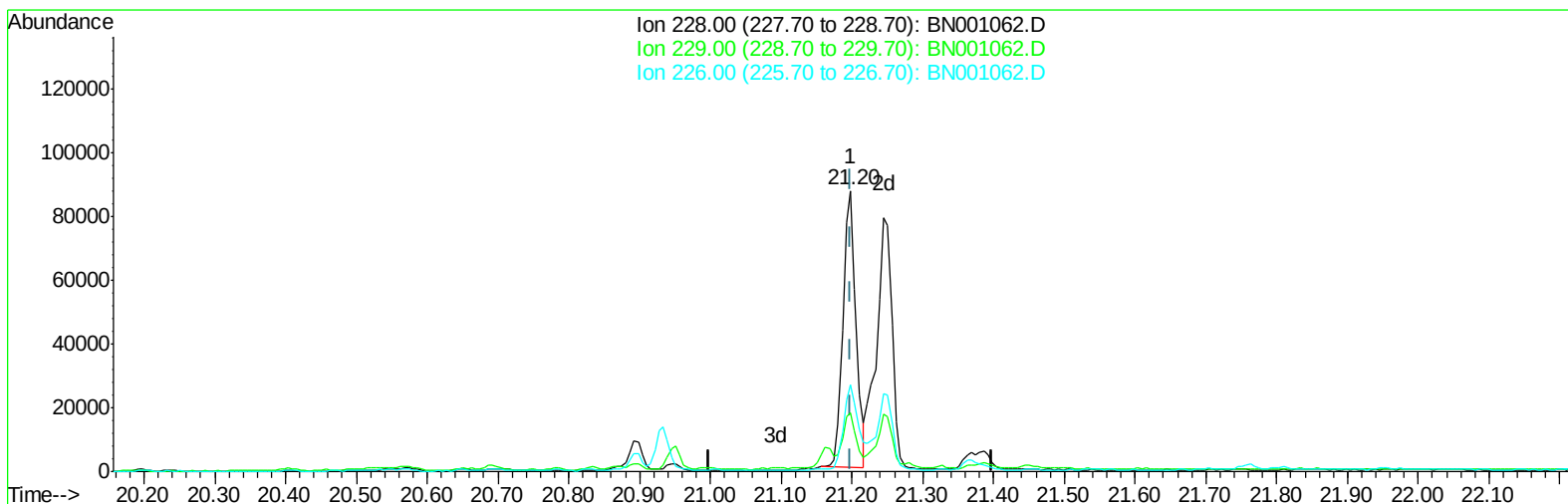
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001062.D
Acq On : 02 May 2018 10:15
Operator : JU/SJ
Sample : J2527-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS82

Manual Integrations
APPROVED

Sohil
5/3/2018 4:24:06 PM

Quant Time: May 03 07:35:47 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 07:35:09 2018
Response via : Initial Calibration



TIC: BN001062.D

(20) Benzo(a)anthracene
21.198min (-0.000) 4.84ng/ul
response 111409

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.12
226.00	26.40	30.81
0.00	0.00	0.00

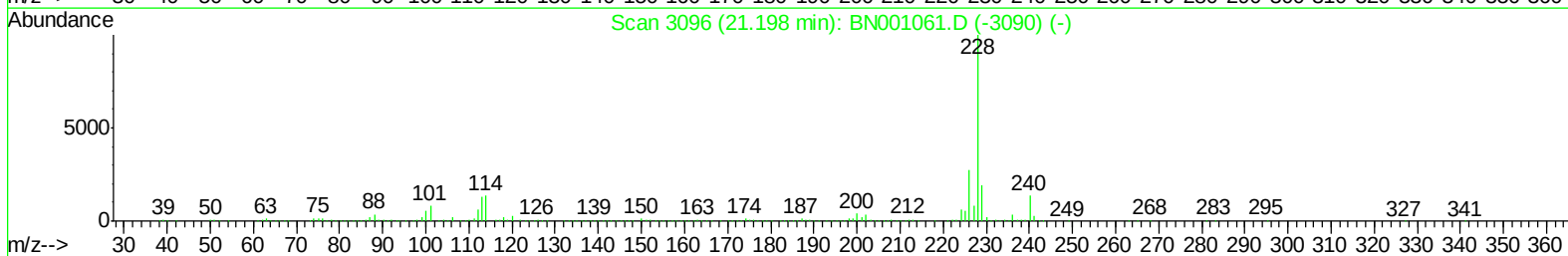
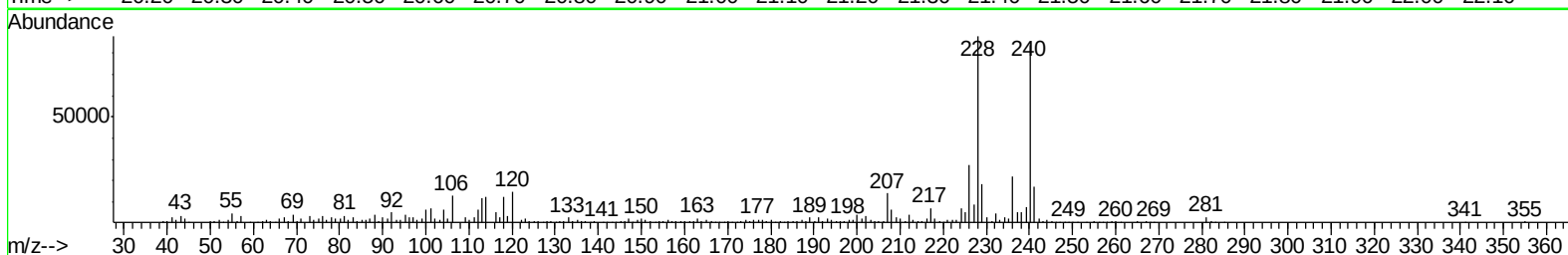
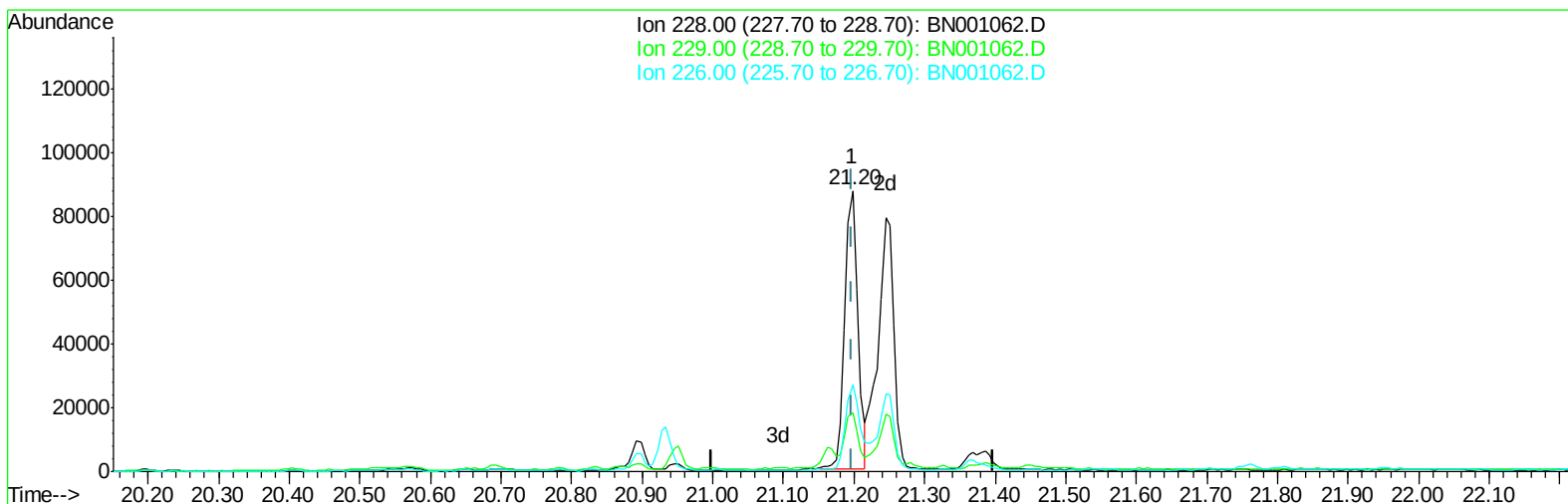
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001062.D
Acq On : 02 May 2018 10:15
Operator : JU/SJ
Sample : J2527-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS82

Manual Integrations
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Sohil
5/3/2018 4:24:06 PM

Quant Time: May 03 07:35:47 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: BN001062.D

(20) Benzo(a)anthracene

21.198min (-0.000) 4.93ng/ul m

response 113367

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.12
226.00	26.40	30.81
0.00	0.00	0.00

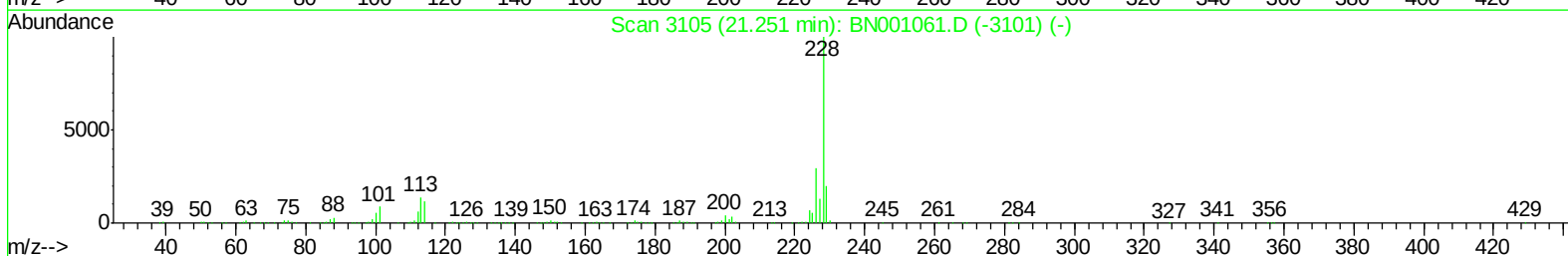
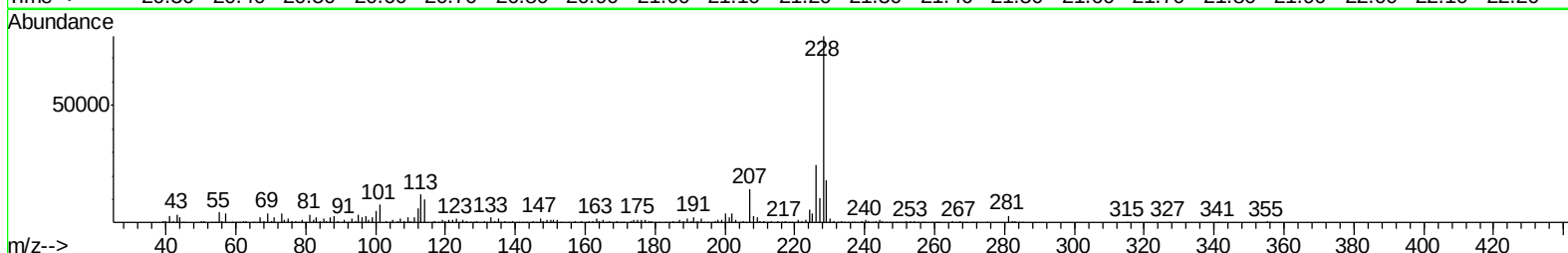
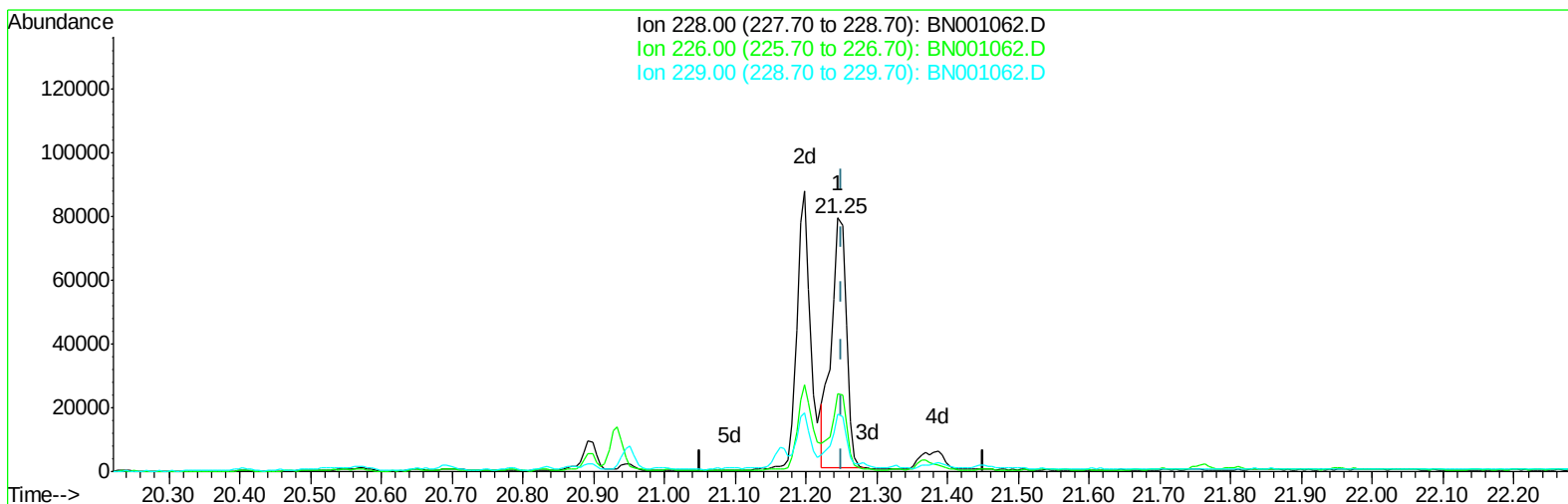
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001062.D
Acq On : 02 May 2018 10:15
Operator : JU/SJ
Sample : J2527-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: May 03 07:35:47 2018
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Quant Title : SVOA CALIBRATION
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TIC: BN001062.D

(21) Chrysene

21.245min (-0.006) 5.32ng/ul

response 115129

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.83
229.00	19.80	22.68
0.00	0.00	0.00

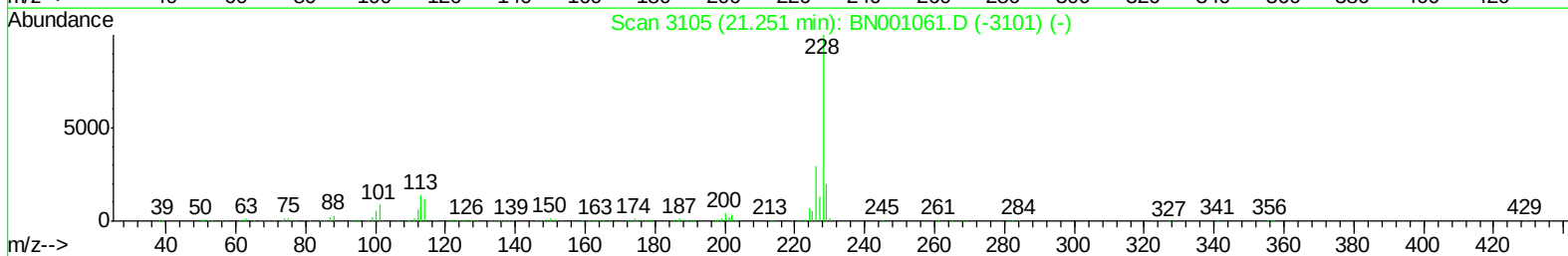
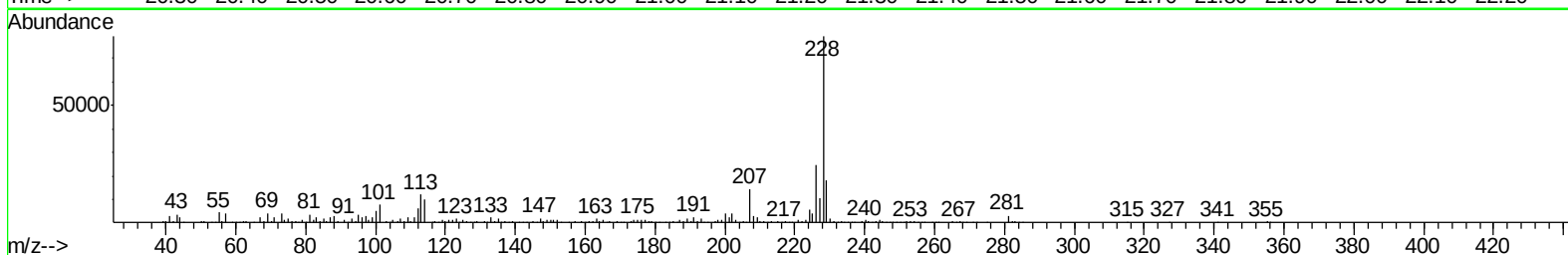
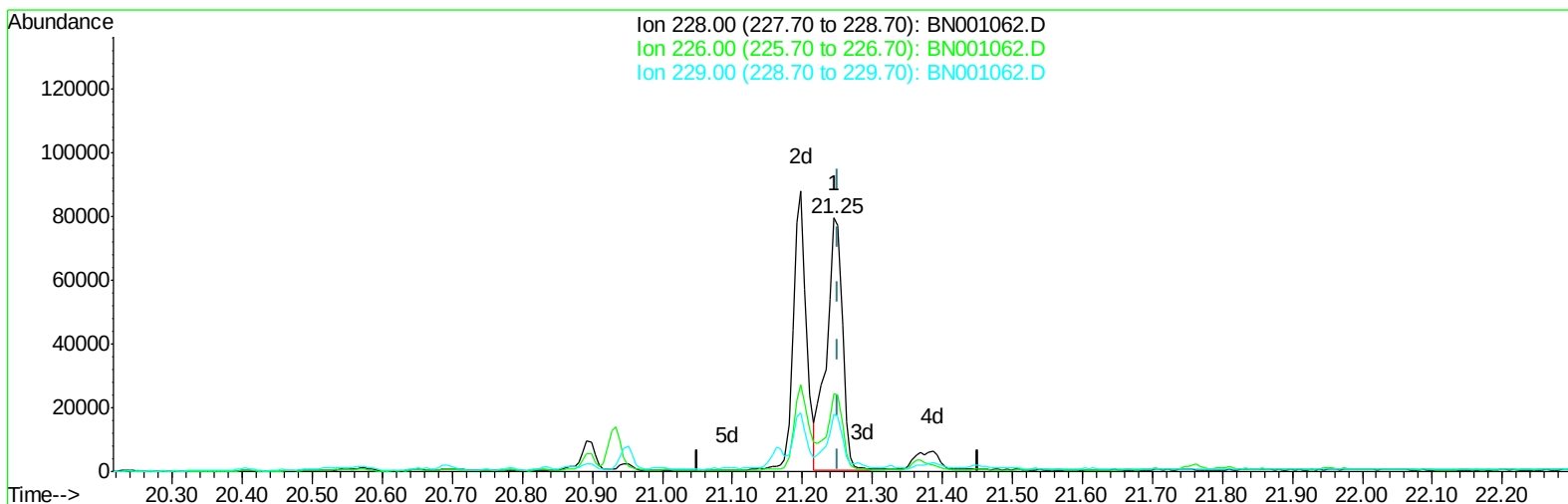
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001062.D
Acq On : 02 May 2018 10:15
Operator : JU/SJ
Sample : J2527-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS82

Manual Integrations
APPROVED

Sohil
5/3/2018 4:24:06 PM

Quant Time: May 03 07:35:47 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 07:35:09 2018
Response via : Initial Calibration



TIC: BN001062.D

(21) Chrysene

21.245min (-0.006) 5.86ng/ul m

response 126641

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.83
229.00	19.80	22.68
0.00	0.00	0.00

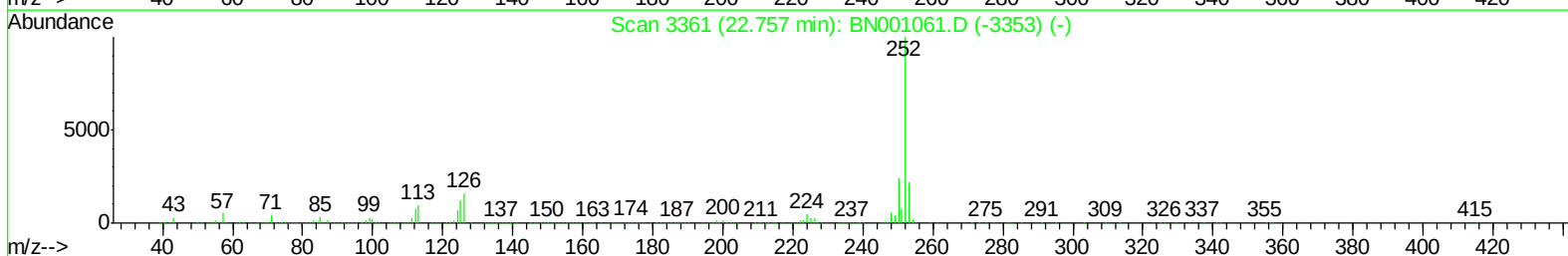
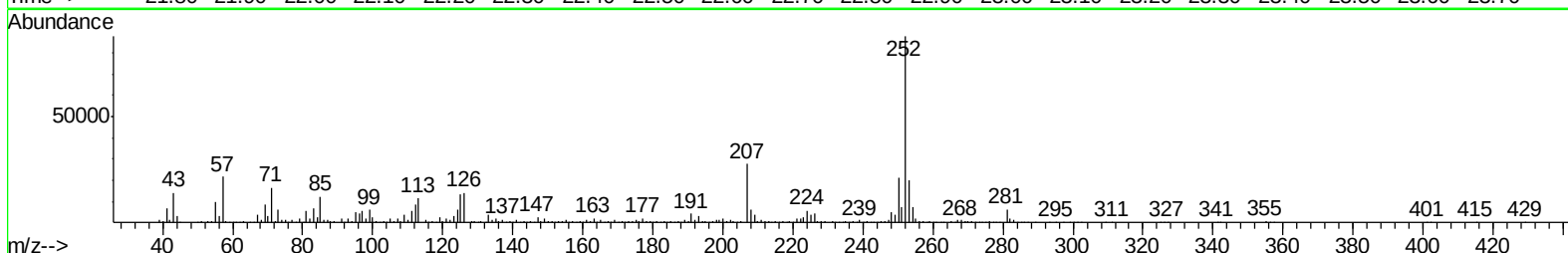
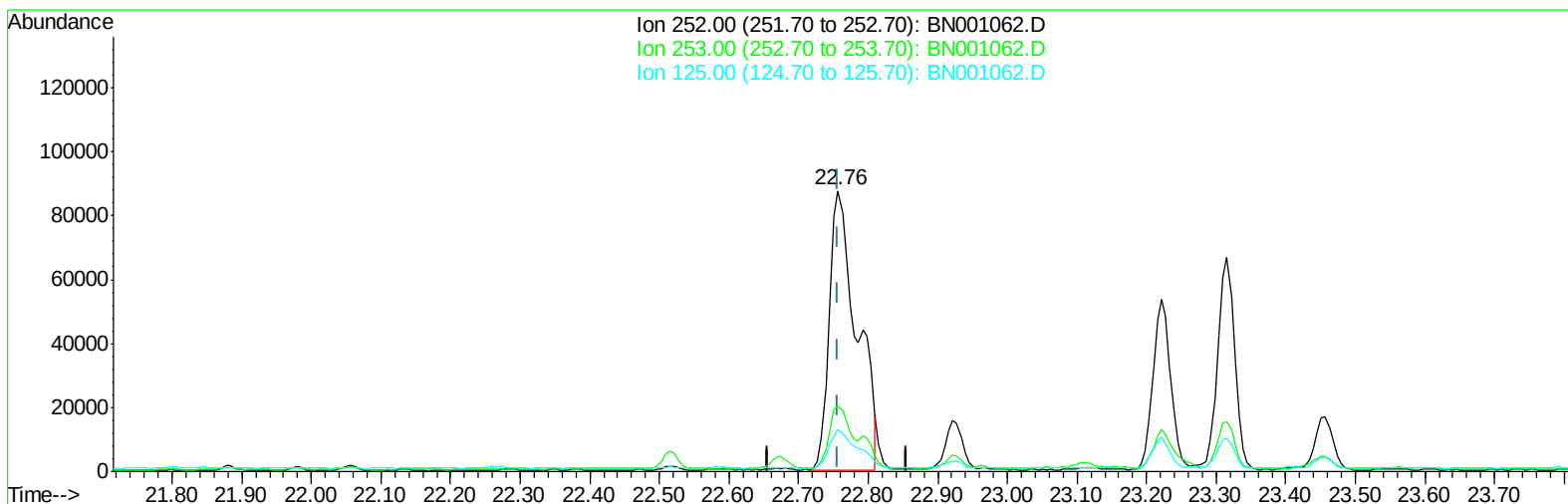
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001062.D
Acq On : 02 May 2018 10:15
Operator : JU/SJ
Sample : J2527-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS82

Manual Integrations
APPROVED

Sohil
5/3/2018 4:24:06 PM

Quant Time: May 03 07:35:47 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 07:35:09 2018
Response via : Initial Calibration



TIC: BN001062.D

(23) Benzo(b)fluoranthene

22.757min (-0.000) 10.07ng/ul

response 237390

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.20
125.00	10.00	15.06#
0.00	0.00	0.00

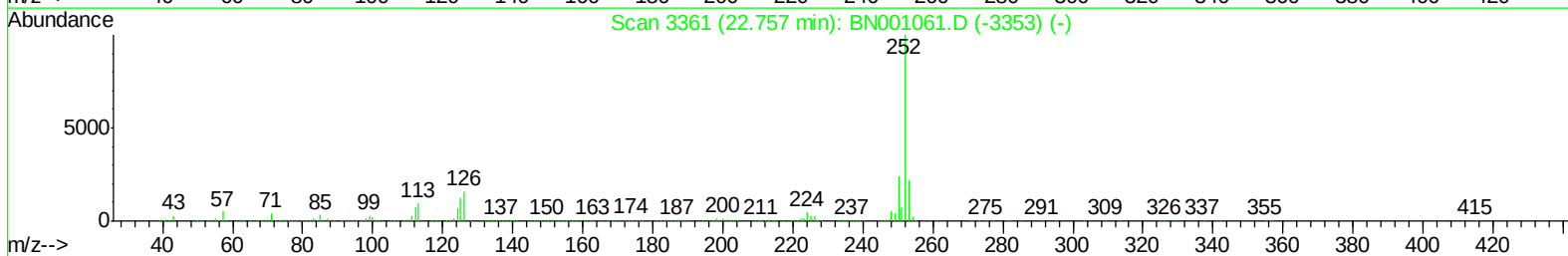
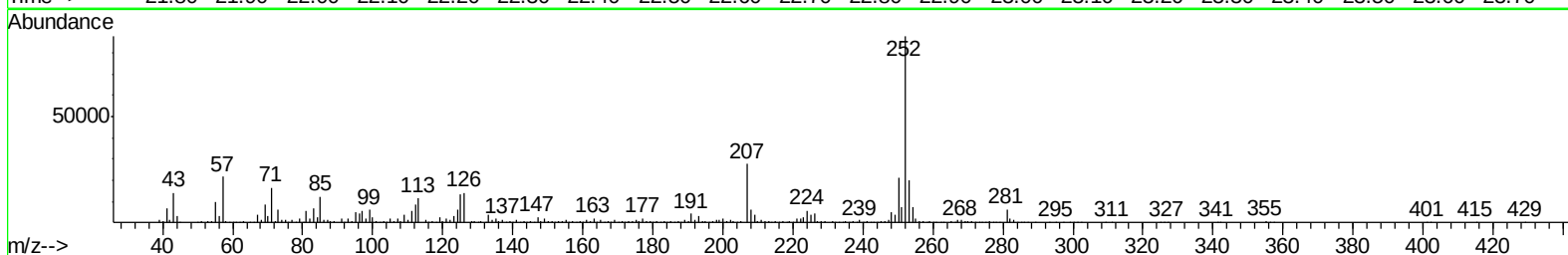
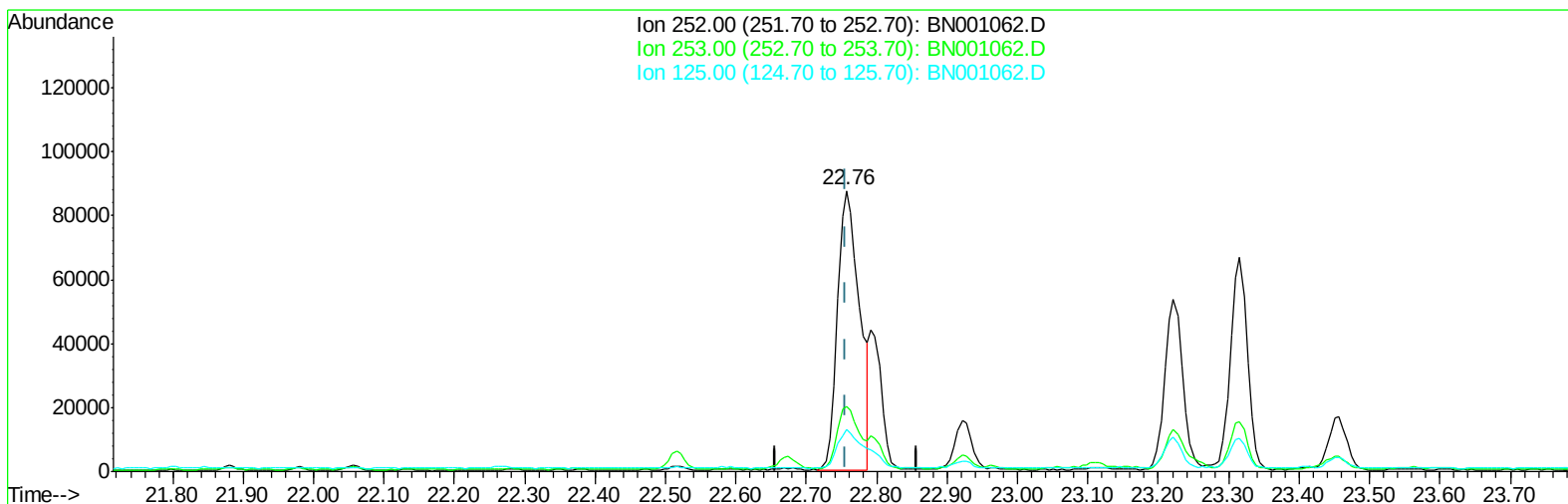
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001062.D
Acq On : 02 May 2018 10:15
Operator : JU/SJ
Sample : J2527-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS82

Manual Integrations
APPROVED

Sohil
5/3/2018 4:24:06 PM

Quant Time: May 03 07:35:47 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 07:35:09 2018
Response via : Initial Calibration



TIC: BN001062.D

(23) Benzo(b)fluoranthene

22.757min (-0.000) 8.10ng/ul m

response 190807

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.20
125.00	10.00	15.06#
0.00	0.00	0.00

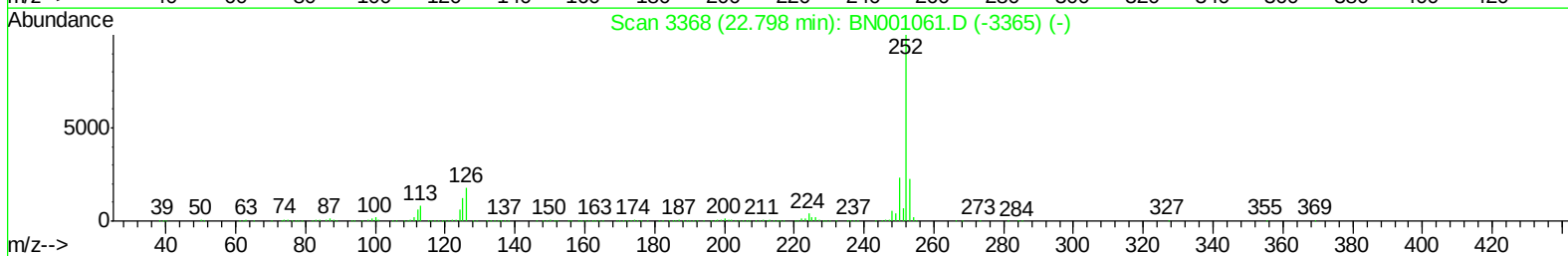
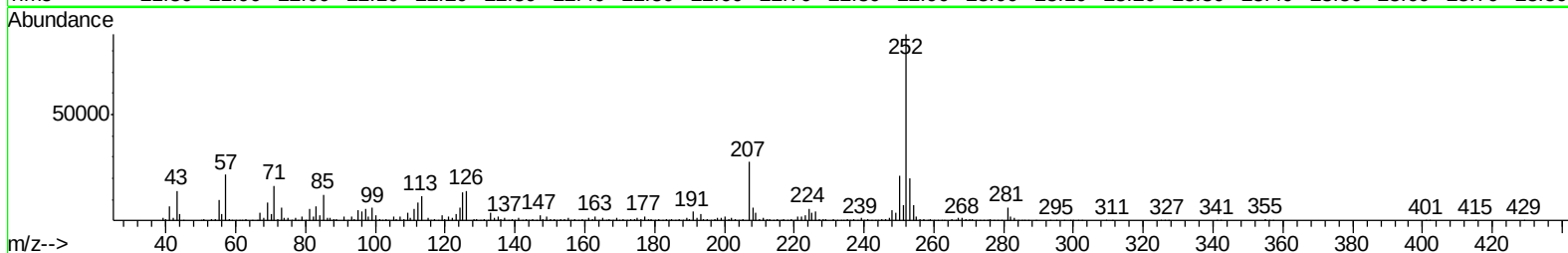
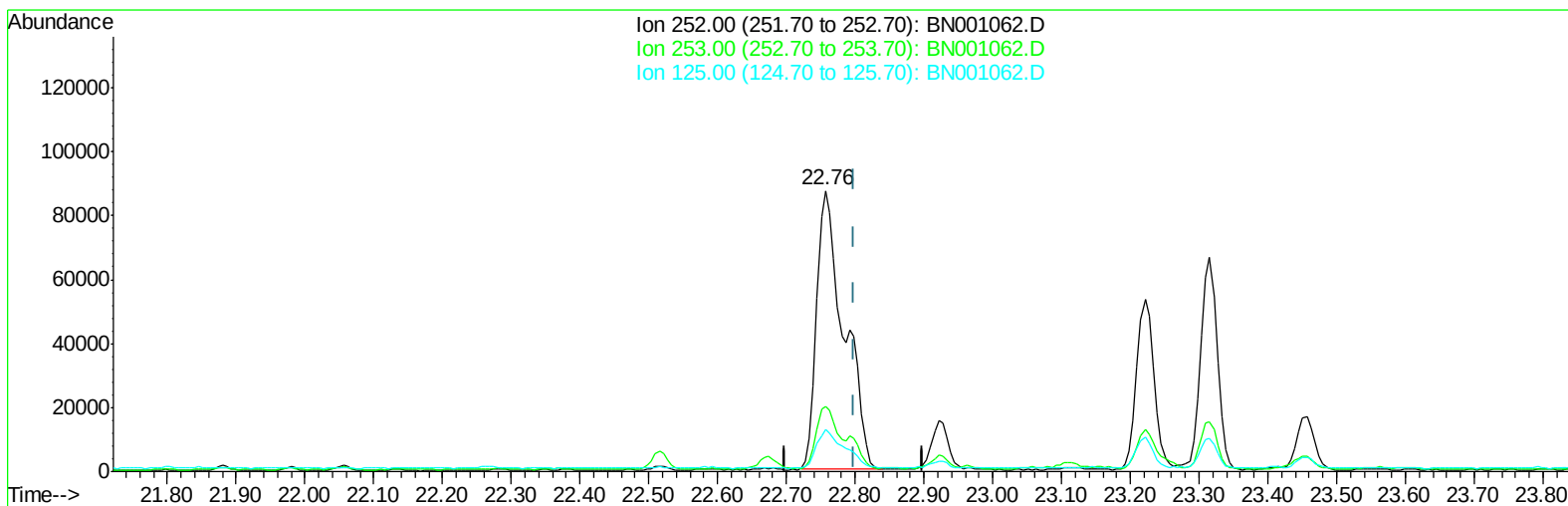
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001062.D
Acq On : 02 May 2018 10:15
Operator : JU/SJ
Sample : J2527-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS82

Manual Integrations
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Sohil
5/3/2018 4:24:06 PM

Quant Time: May 03 07:35:47 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 07:35:09 2018
Response via : Initial Calibration



TIC: BN001062.D

(24) Benzo(k)fluoranthene

22.757min (-0.041) 10.40ng/ul

response 239804

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.20
125.00	10.10	15.06#
0.00	0.00	0.00

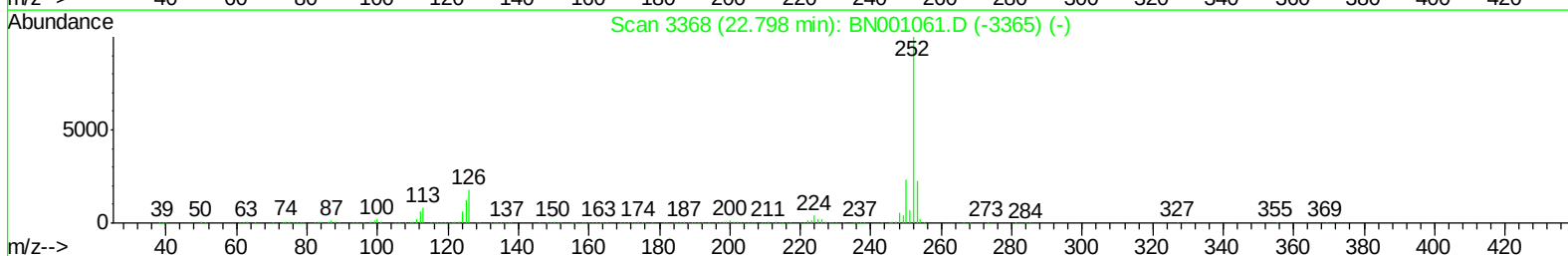
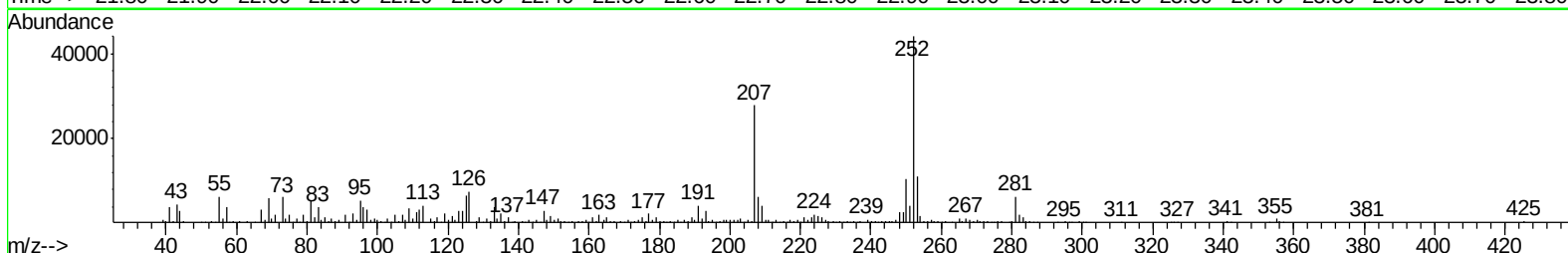
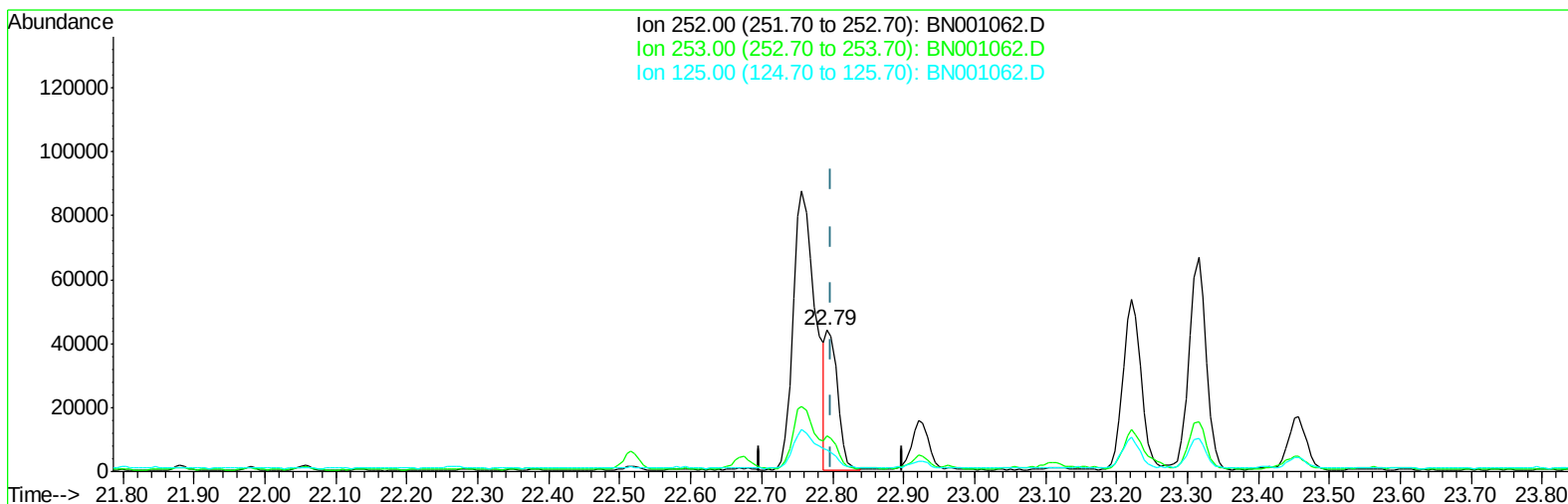
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001062.D
Acq On : 02 May 2018 10:15
Operator : JU/SJ
Sample : J2527-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS82

Manual Integrations
APPROVED

Sohil
5/3/2018 4:24:06 PM

Quant Time: May 03 07:35:47 2018
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BN001062.D

(24) Benzo(k)fluoranthene

22.792min (-0.006) 2.24ng/ul m

response 51746

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.16
125.00	10.10	15.13#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001062.D
 Acq On : 02 May 2018 10:15
 Operator : JU/SJ
 Sample : J2527-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS82

Manual Integrations
 APPROVED

Sohil
 5/3/2018 4:24:06 PM

Quant Time: May 03 07:45:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 07:35:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	114754	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	475594	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	228072	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	425693	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	384881	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	414728	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	633480	28.92	ng/ul	0.00
10) Fluorene-d10	15.25	176	426265	29.16	ng/ul	0.00
14) Anthracene-d10	17.10	188	593216	30.47	ng/ul	0.00
18) Pyrene-d10	19.41	212	589846	29.91	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	648288	33.09	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	13.97	152	21879	1.009	ng/ul	98
13) Phenanthrene	17.05	178	98876	4.259	ng/ul	99
15) Anthracene	17.14	178	26421	1.135	ng/ul	98
16) Fluoranthene	19.07	202	197586	8.388	ng/ul#	94
19) Pyrene	19.44	202	188265	7.615	ng/ul#	90
20) Benzo(a)anthracene	21.20	228	113367m	4.927	ng/ul	
21) Chrysene	21.25	228	126641m	5.856	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	190807m	8.096	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	51746m	2.244	ng/ul	
26) Benzo(a)pyrene	23.32	252	112595	4.999	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.59	276	85930	3.158	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.60	278	23569	1.039	ng/ul#	82
29) Benzo(a,h,i)perylene	26.26	276	85372	3.752	ng/ul#	94

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

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