

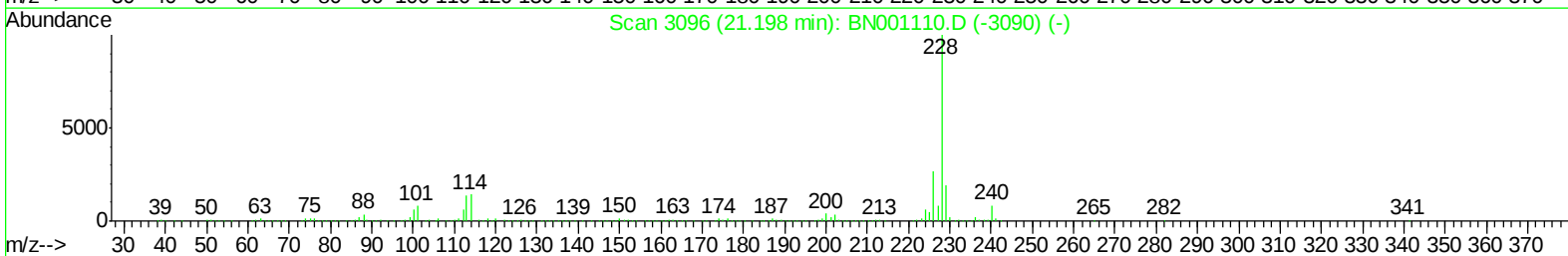
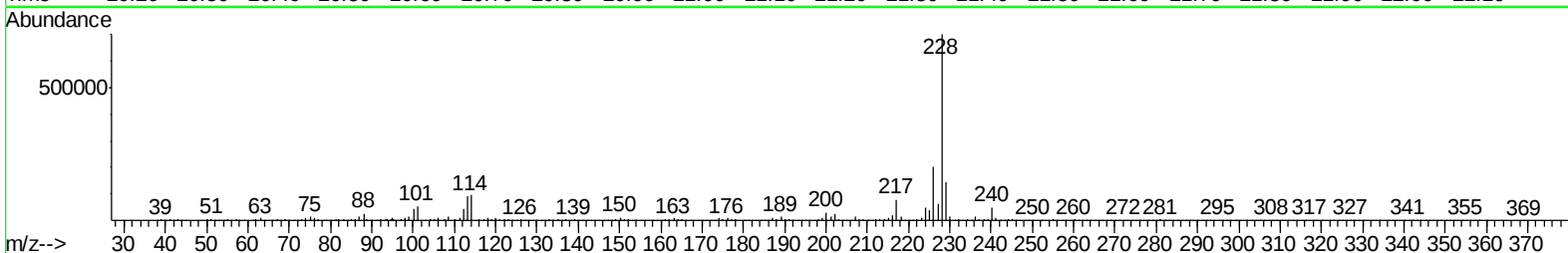
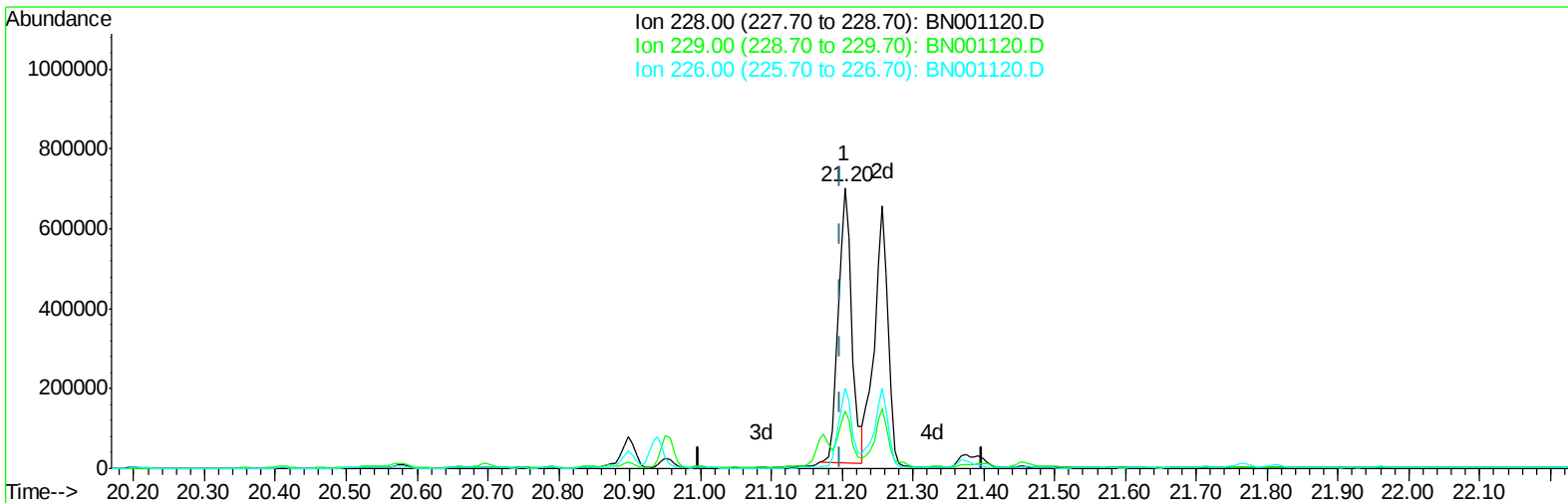
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001120.D
Acq On : 03 May 2018 22:42
Operator : JU/SJ
Sample : J2633-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS98

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:45 PM

Quant Time: May 04 08:07:11 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 08:04:57 2018
Response via : Initial Calibration



TIC: BN001120.D

(20) Benzo(a)anthracene
21.204min (+0.006) 39.29ng/ul
response 914332

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.34
226.00	26.40	28.57
0.00	0.00	0.00

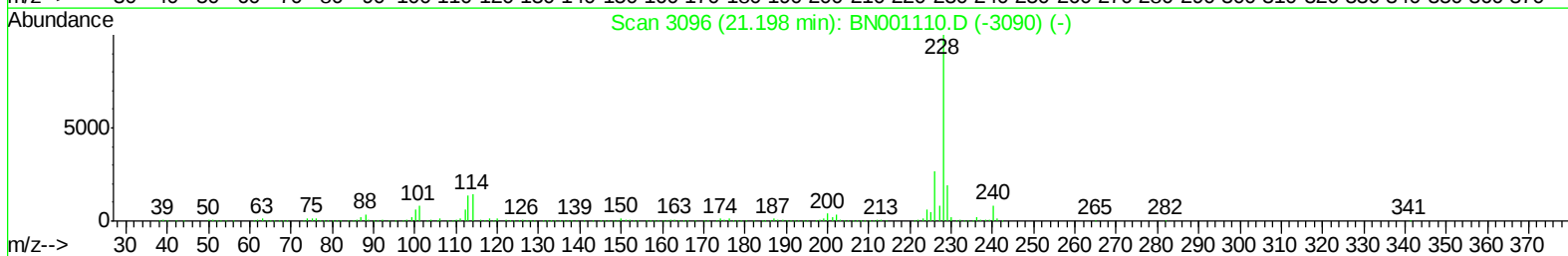
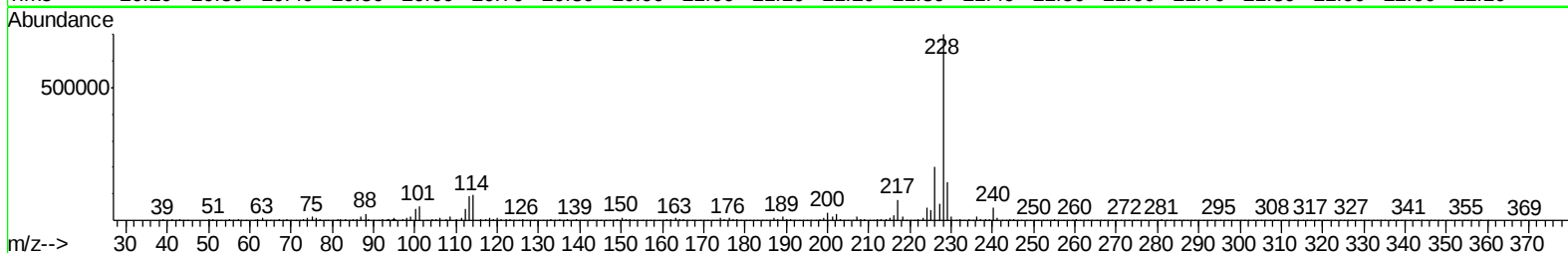
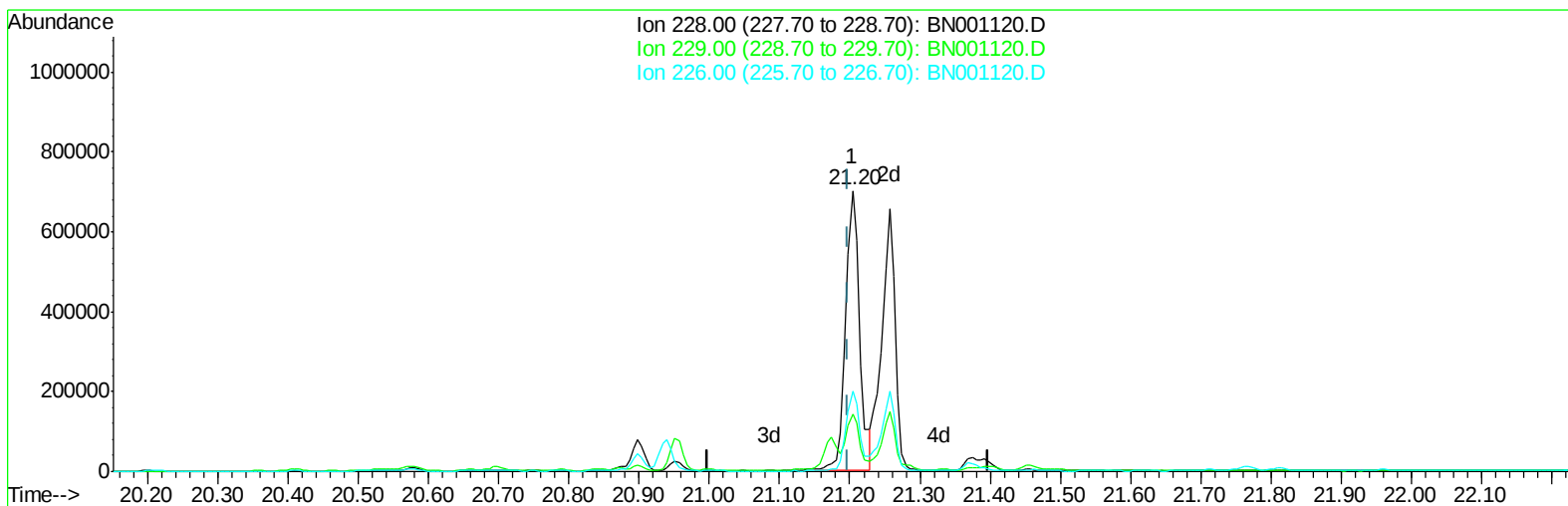
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001120.D
Acq On : 03 May 2018 22:42
Operator : JU/SJ
Sample : J2633-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:45 PM

Quant Time: May 04 08:07:11 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 08:04:57 2018
Response via : Initial Calibration



TIC: BN001120.D

(20) Benzo(a)anthracene

21.204min (+0.006) 41.18ng/ul m

response 958461

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.34
226.00	26.40	28.57
0.00	0.00	0.00

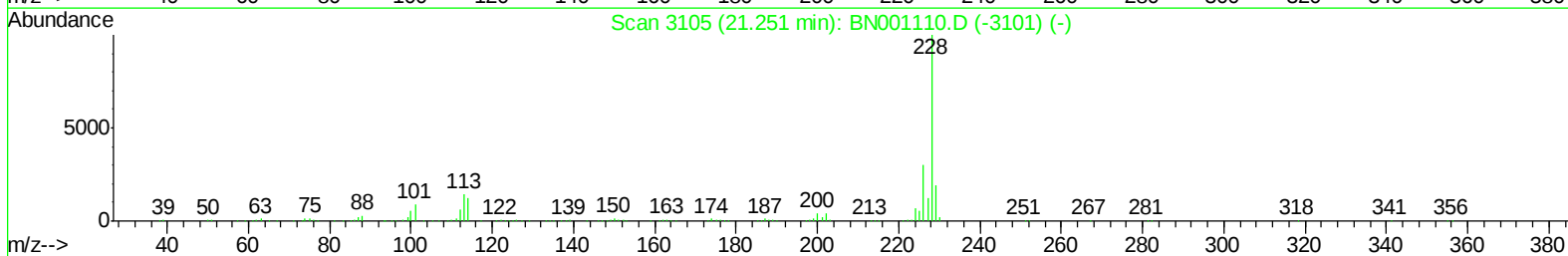
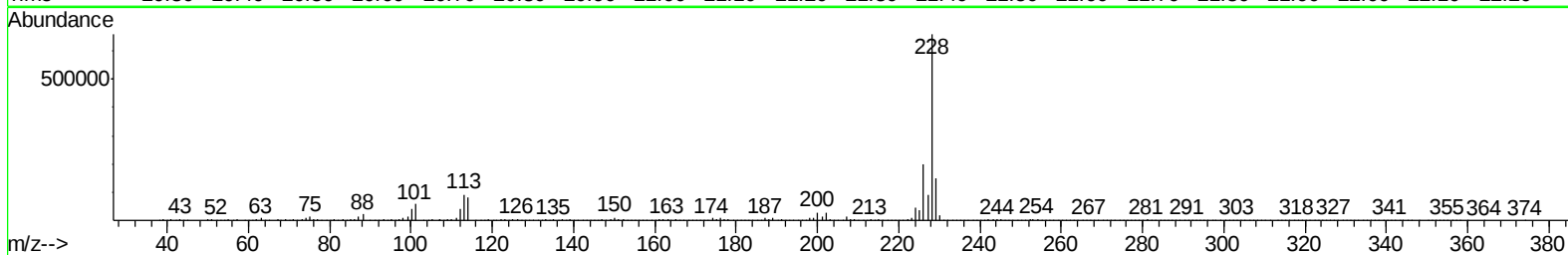
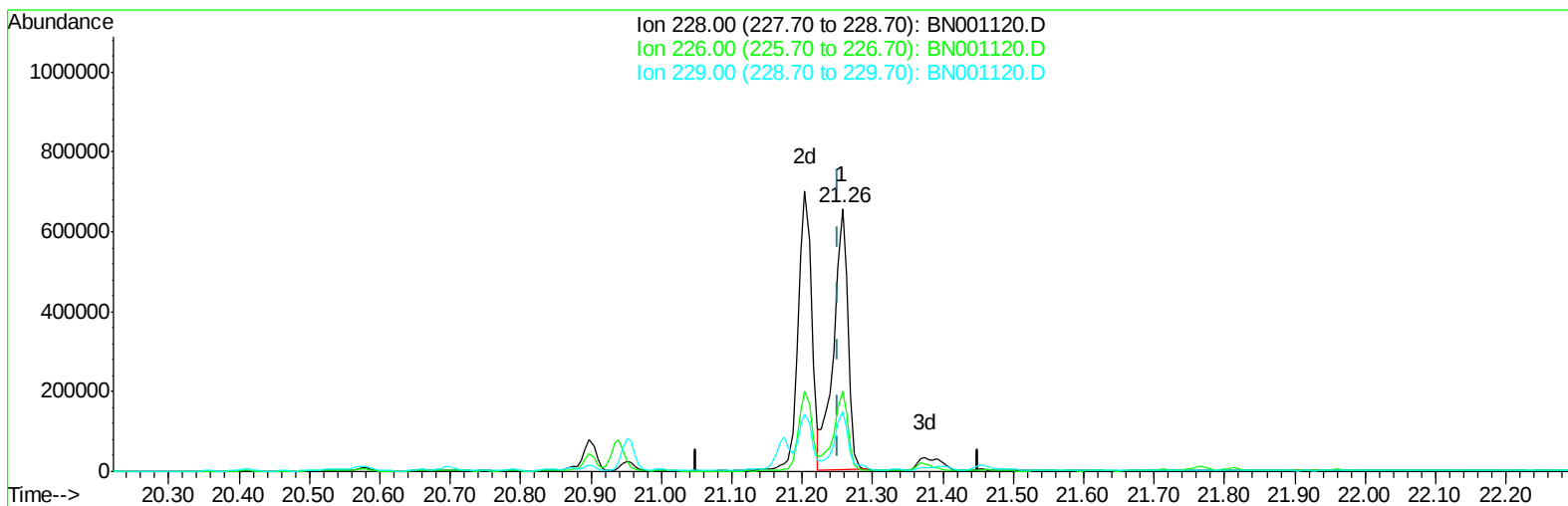
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001120.D
Acq On : 03 May 2018 22:42
Operator : JU/SJ
Sample : J2633-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS98

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:45 PM

Quant Time: May 04 08:07:11 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 08:04:57 2018
Response via : Initial Calibration



TIC: BN001120.D

(21) Chrysene

21.257min (+0.006) 42.09ng/ul

response 920698

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.40
229.00	19.80	22.91
0.00	0.00	0.00

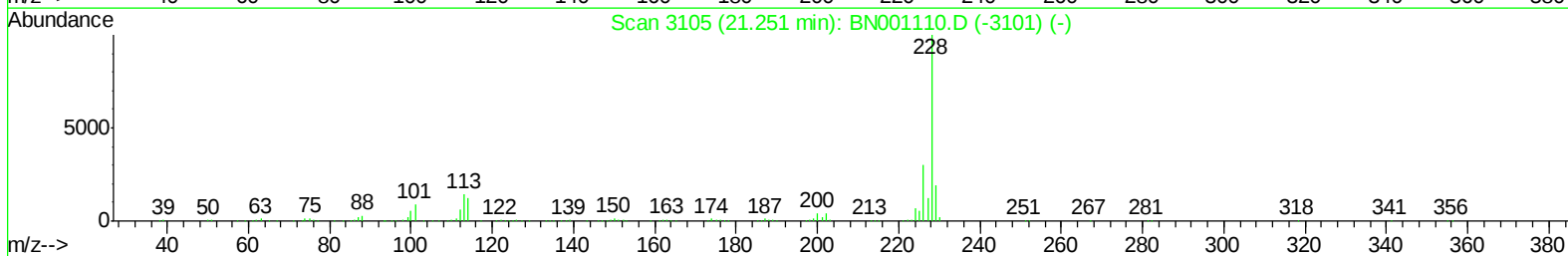
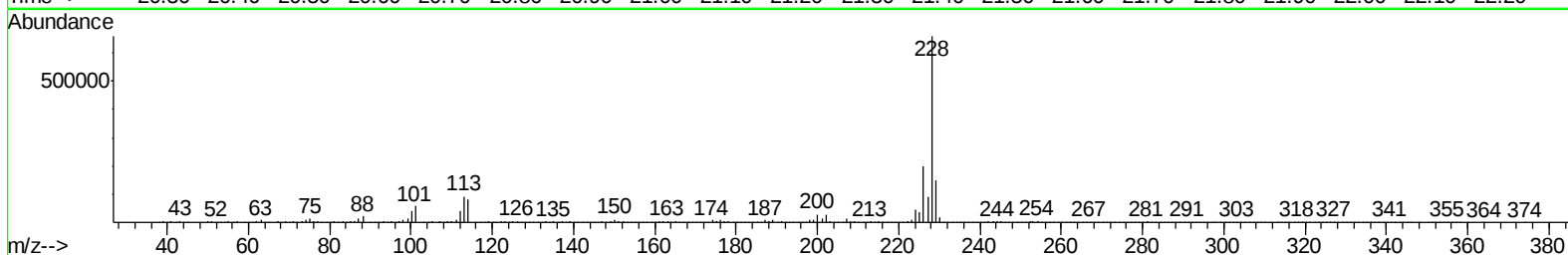
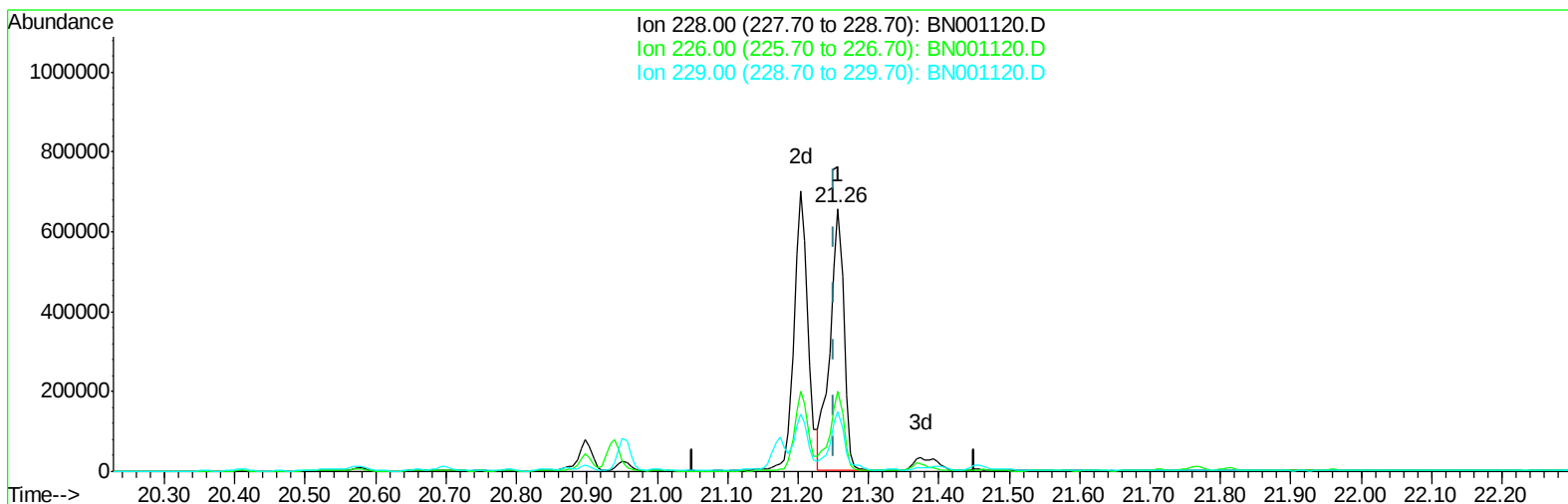
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001120.D
Acq On : 03 May 2018 22:42
Operator : JU/SJ
Sample : J2633-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS98

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:45 PM

Quant Time: May 04 08:07:11 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 08:04:57 2018
Response via : Initial Calibration



TIC: BN001120.D

(21) Chrysene

21.257min (+0.006) 40.99ng/ul m

response 896636

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.40
229.00	19.80	22.91
0.00	0.00	0.00

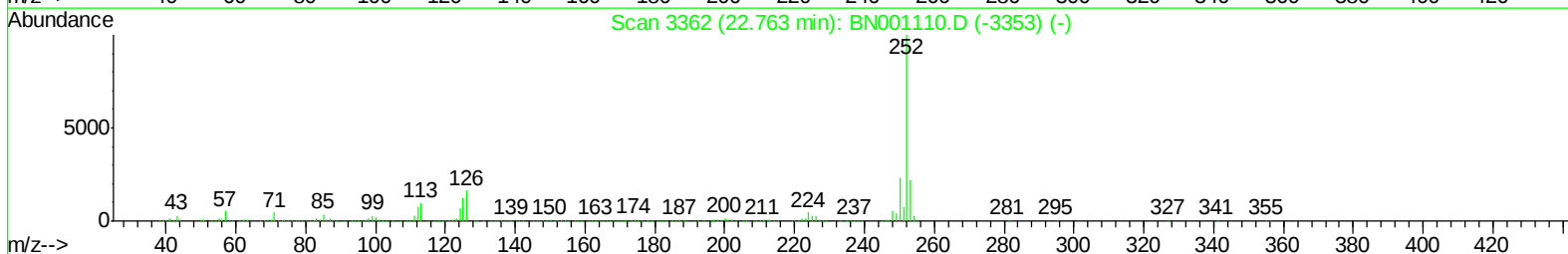
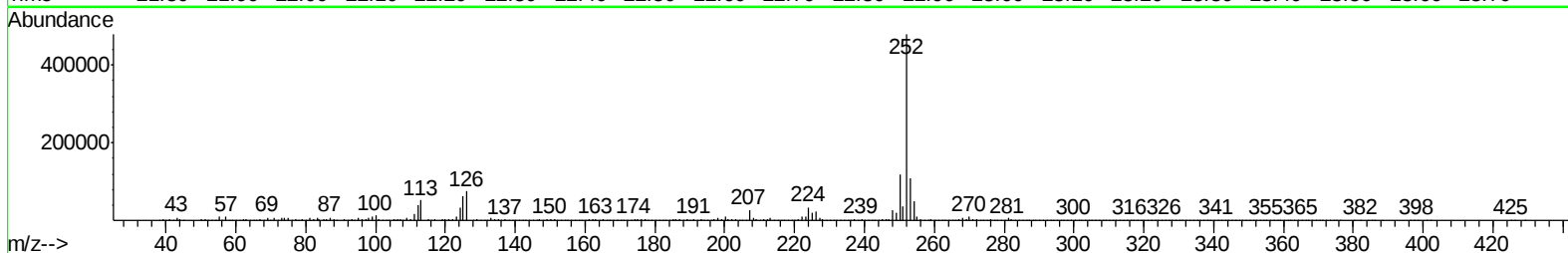
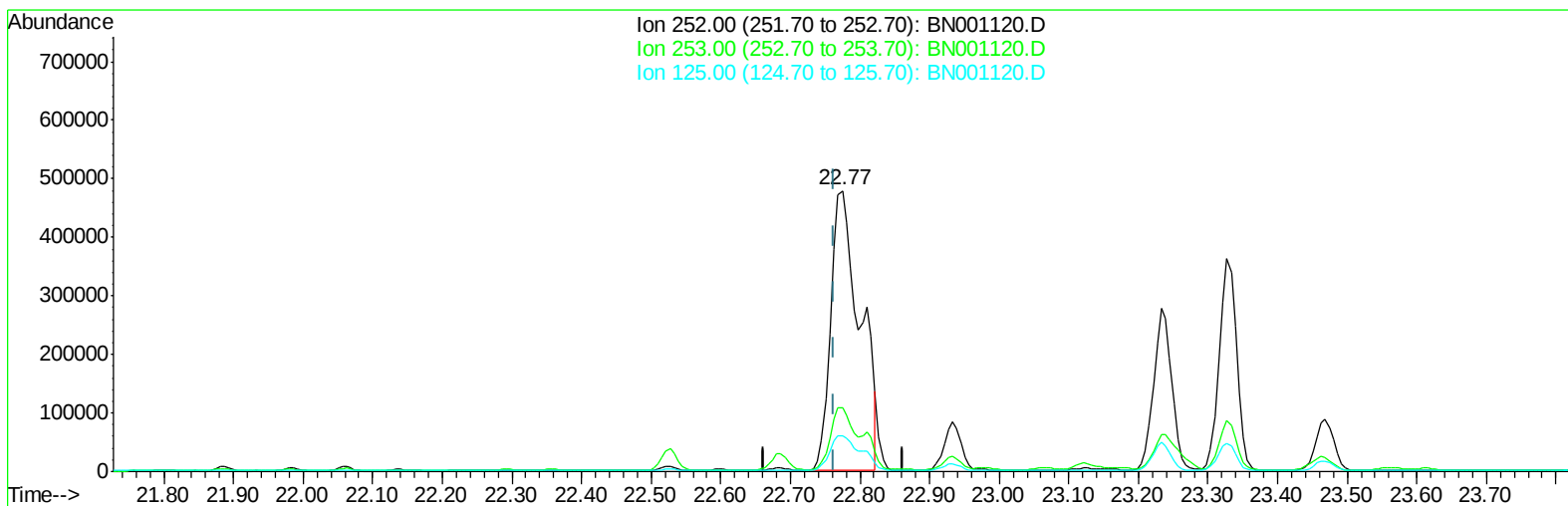
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001120.D
Acq On : 03 May 2018 22:42
Operator : JU/SJ
Sample : J2633-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS98

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:45 PM

Quant Time: May 04 08:07:11 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 08:04:57 2018
Response via : Initial Calibration



TIC: BN001120.D

(23) Benzo(b)fluoranthene

22.774min (+0.012) 55.47ng/ul

response 1382255

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.68
125.00	10.00	12.90#
0.00	0.00	0.00

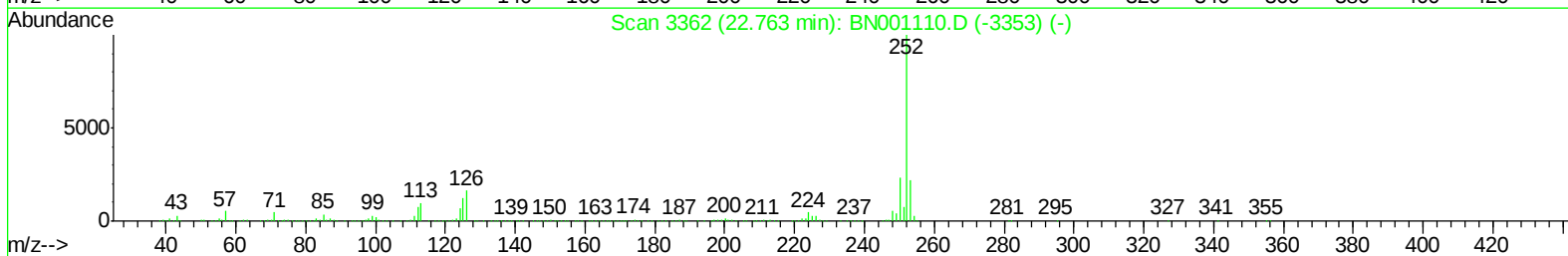
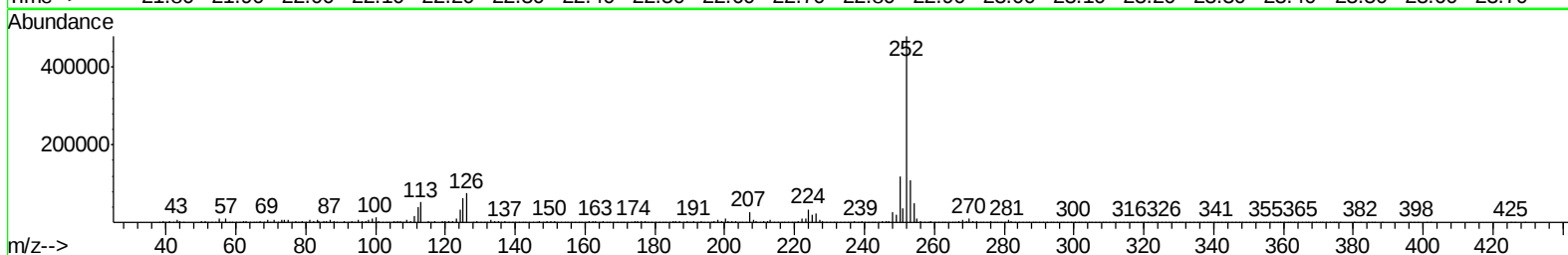
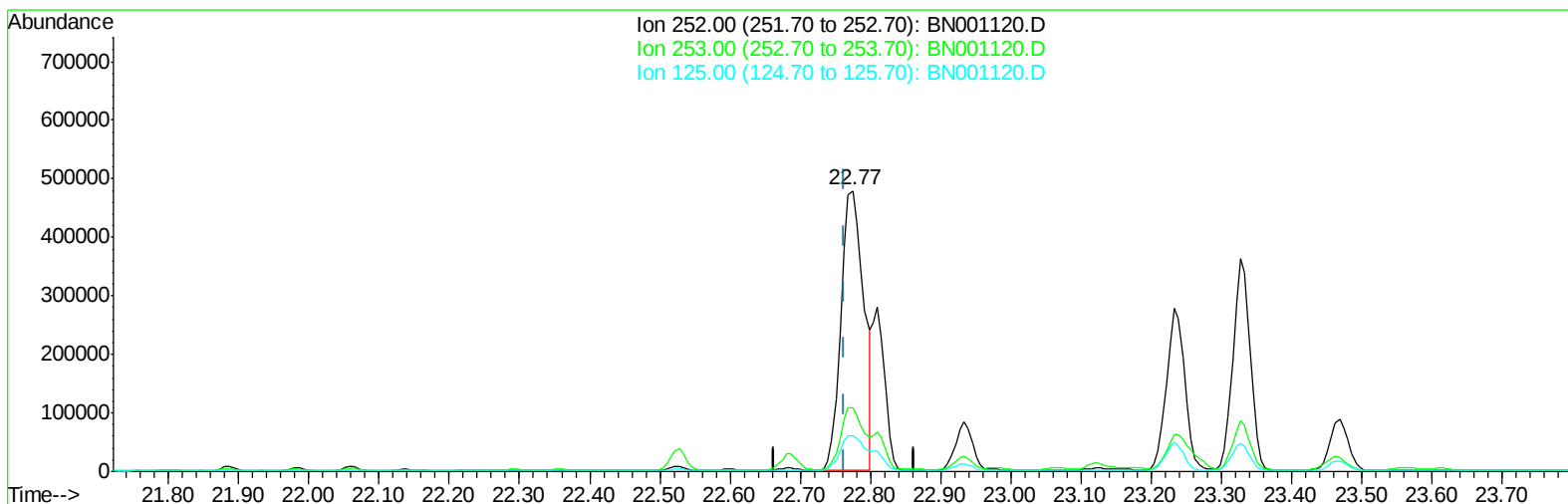
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001120.D
Acq On : 03 May 2018 22:42
Operator : JU/SJ
Sample : J2633-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS98

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:45 PM

Quant Time: May 04 08:07:11 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 08:04:57 2018
Response via : Initial Calibration



TIC: BN001120.D

(23) Benzo(b)fluoranthene

22.774min (+0.012) 43.05ng/ul m

response 1072644

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.68
125.00	10.00	12.90#
0.00	0.00	0.00

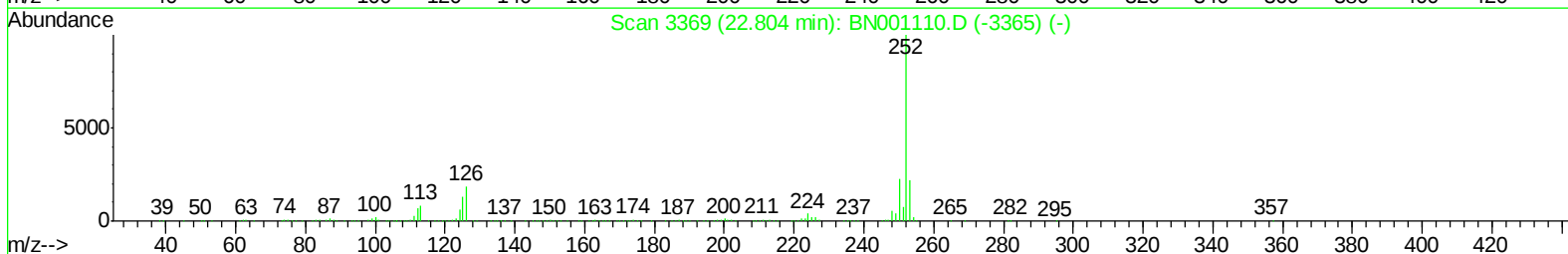
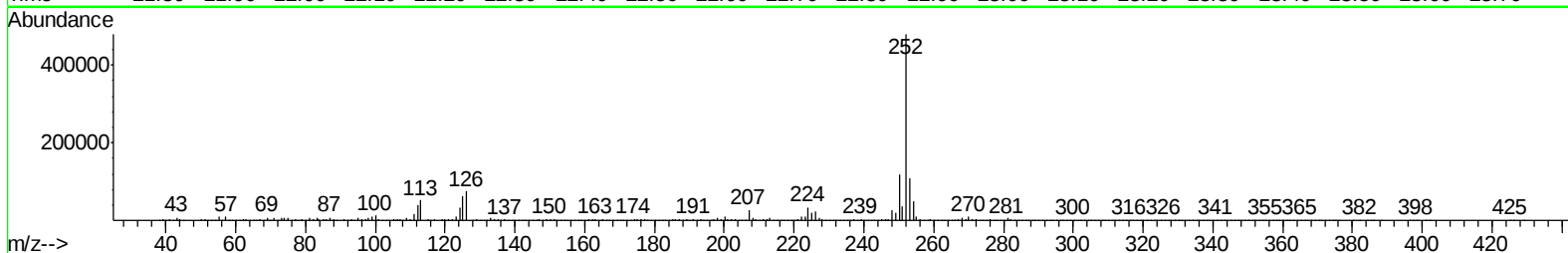
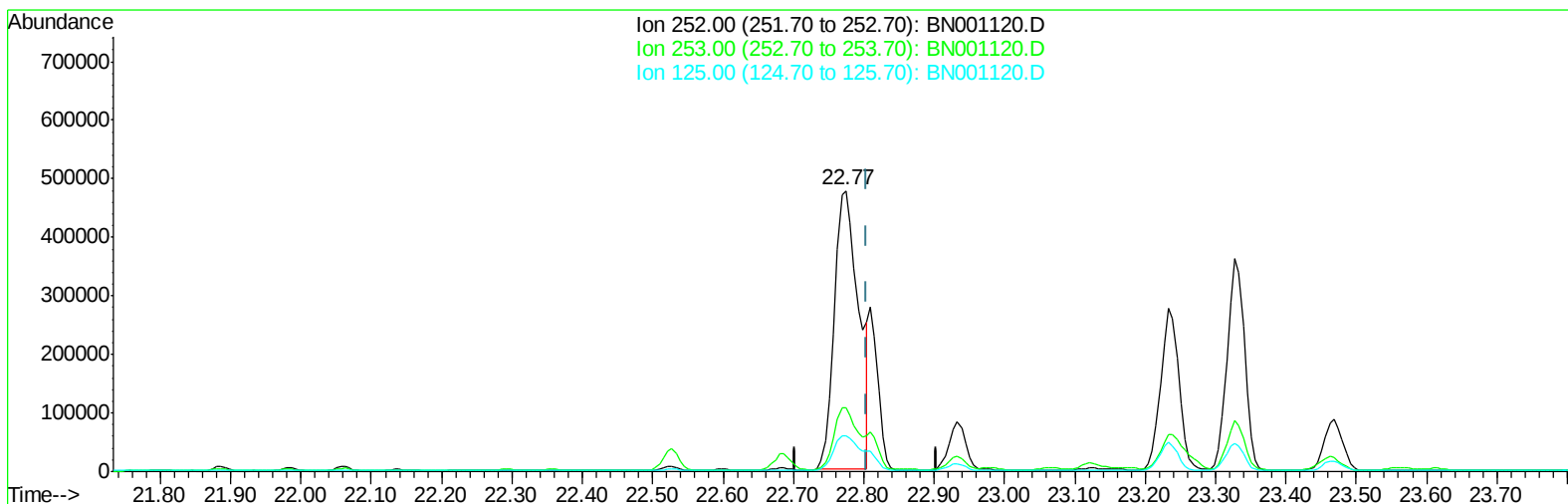
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001120.D
Acq On : 03 May 2018 22:42
Operator : JU/SJ
Sample : J2633-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS98

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:45 PM

Quant Time: May 04 08:07:11 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 08:04:57 2018
Response via : Initial Calibration



TIC: BN001120.D

(24) Benzo(k)fluoranthene

22.774min (-0.030) 46.87ng/ul

response 1142798

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.68
125.00	10.10	12.90#
0.00	0.00	0.00

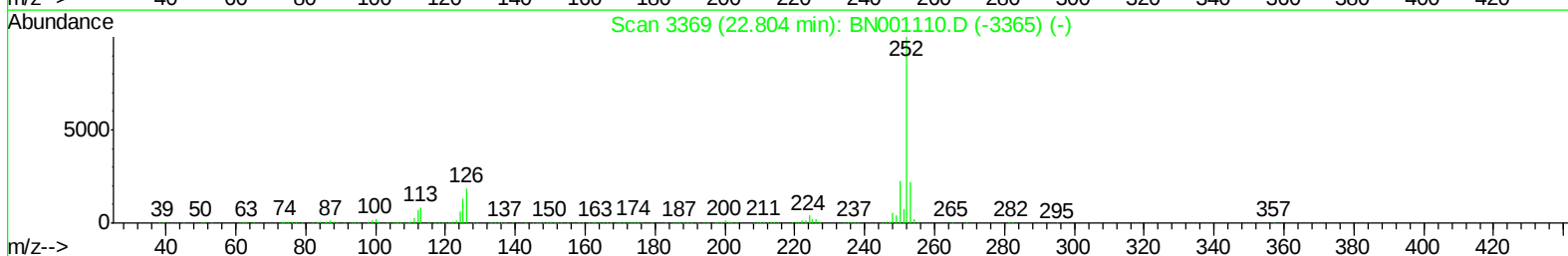
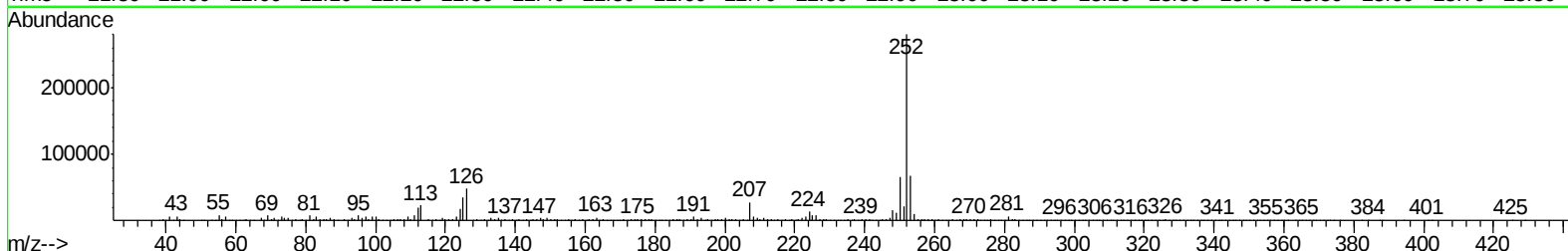
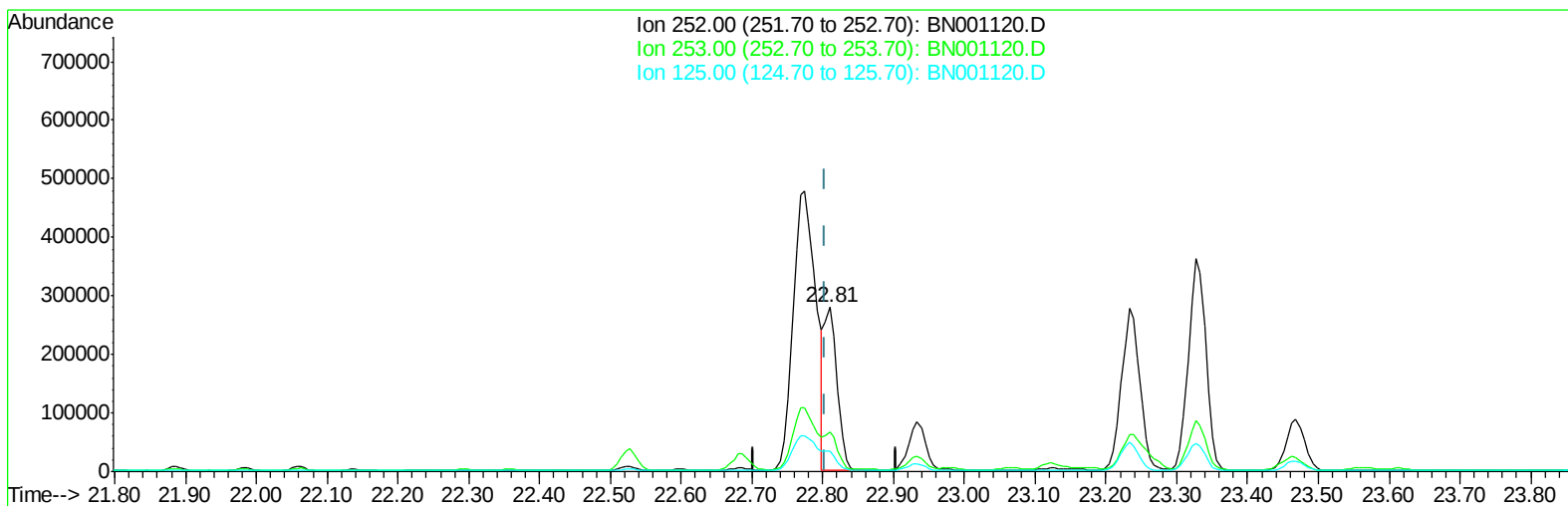
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001120.D
Acq On : 03 May 2018 22:42
Operator : JU/SJ
Sample : J2633-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS98

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:45 PM

Quant Time: May 04 08:07:11 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 08:04:57 2018
Response via : Initial Calibration



TIC: BN001120.D

(24) Benzo(k)fluoranthene

22.810min (+0.006) 14.09ng/ul m

response 343498

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.14
125.00	10.10	12.20#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
 Data File : BN001120.D
 Acq On : 03 May 2018 22:42
 Operator : JU/SJ
 Sample : J2633-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS98

Manual Integrations
 APPROVED

Sohil
 5/4/2018 1:33:45 PM

Quant Time: May 04 08:40:46 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 04 08:04:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	97102	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	398482	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	198621	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	404866	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	389344	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	438443	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	414443	21.73	ng/ul	0.00
10) Fluorene-d10	15.26	176	283471	22.26	ng/ul	0.00
14) Anthracene-d10	17.10	188	431438	23.30	ng/ul	0.00
18) Pyrene-d10	19.42	212	449956	22.55	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.29	264	521614	25.19	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	13.97	152	44985	2.383	ng/ul	98
9) Acenaphthene	14.32	153	36111	2.768	ng/ul	97
11) Fluorene	15.31	166	52551	3.784	ng/ul	91
13) Phenanthrene	17.05	178	1274206	57.704	ng/ul	99
15) Anthracene	17.14	178	303509	13.703	ng/ul	99
16) Fluoranthene	19.08	202	2121601	94.700	ng/ul#	93
19) Pyrene	19.45	202	1561484	62.439	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	958461m	41.182	ng/ul	
21) Chrysene	21.26	228	896636m	40.989	ng/ul	
23) Benzo(b)fluoranthene	22.77	252	1072644m	43.049	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	343498m	14.088	ng/ul	
26) Benzo(a)pyrene	23.33	252	625805	26.280	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.62	276	427685	14.870	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.62	278	135658	5.659	ng/ul#	83
29) Benzo(g,h,i)perylene	26.29	276	382748	15.911	ng/ul#	92

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

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