

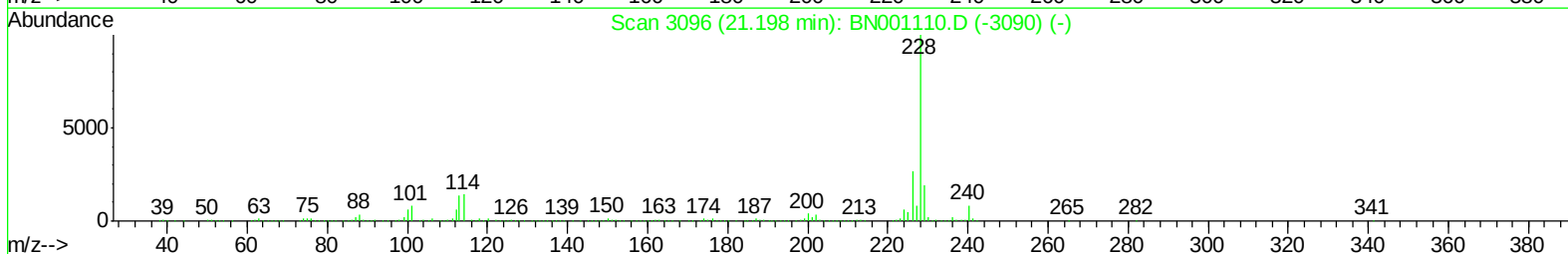
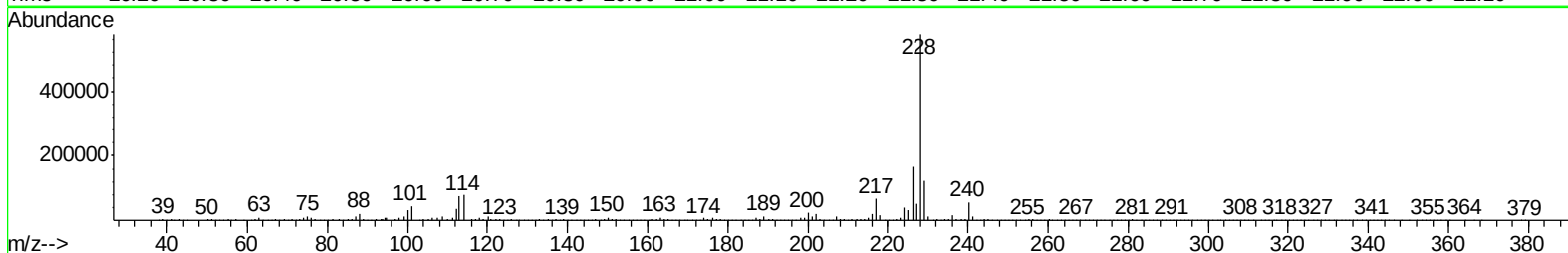
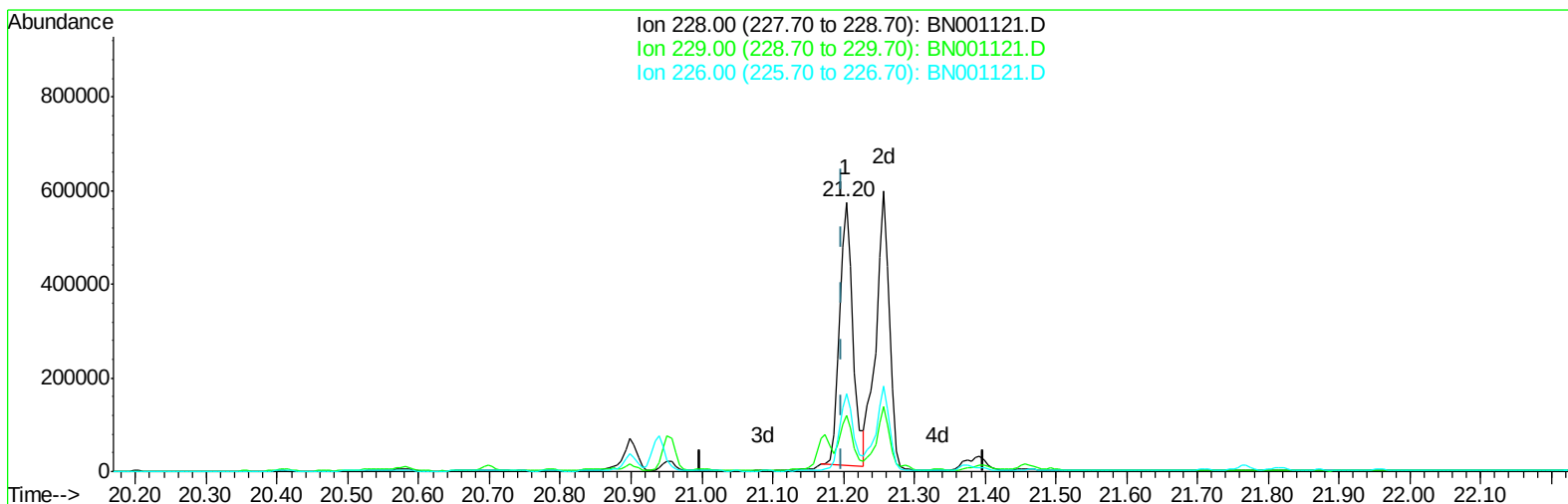
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001121.D
Acq On : 03 May 2018 23:17
Operator : JU/SJ
Sample : J2633-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS99

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:47 PM

Quant Time: May 04 08:07:25 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: BN001121.D

(20) Benzo(a)anthracene

21.204min (+0.006) 31.77ng/ul

response 744943

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.06
226.00	26.40	29.01
0.00	0.00	0.00

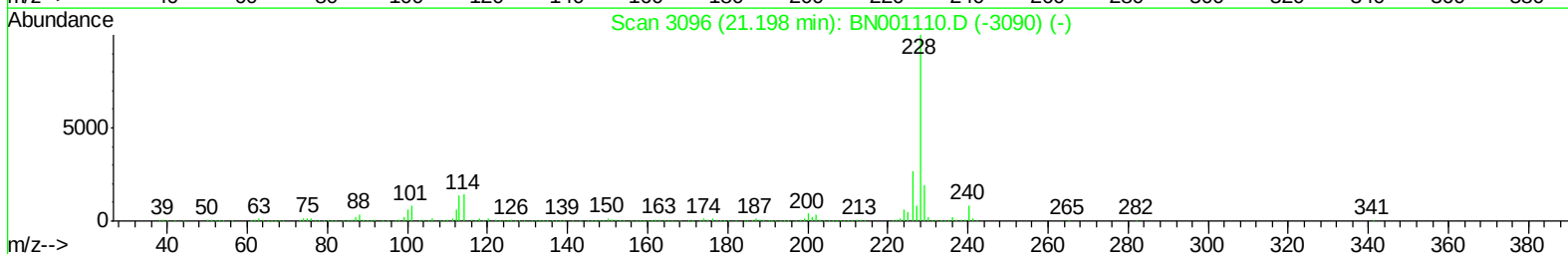
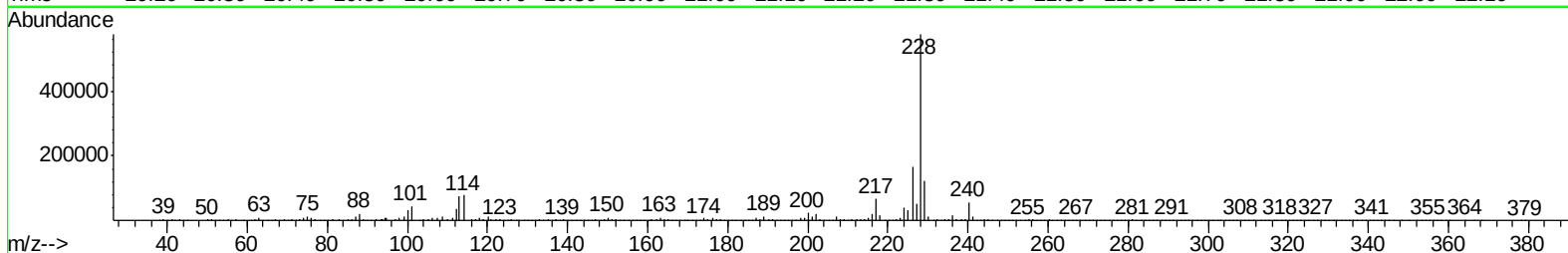
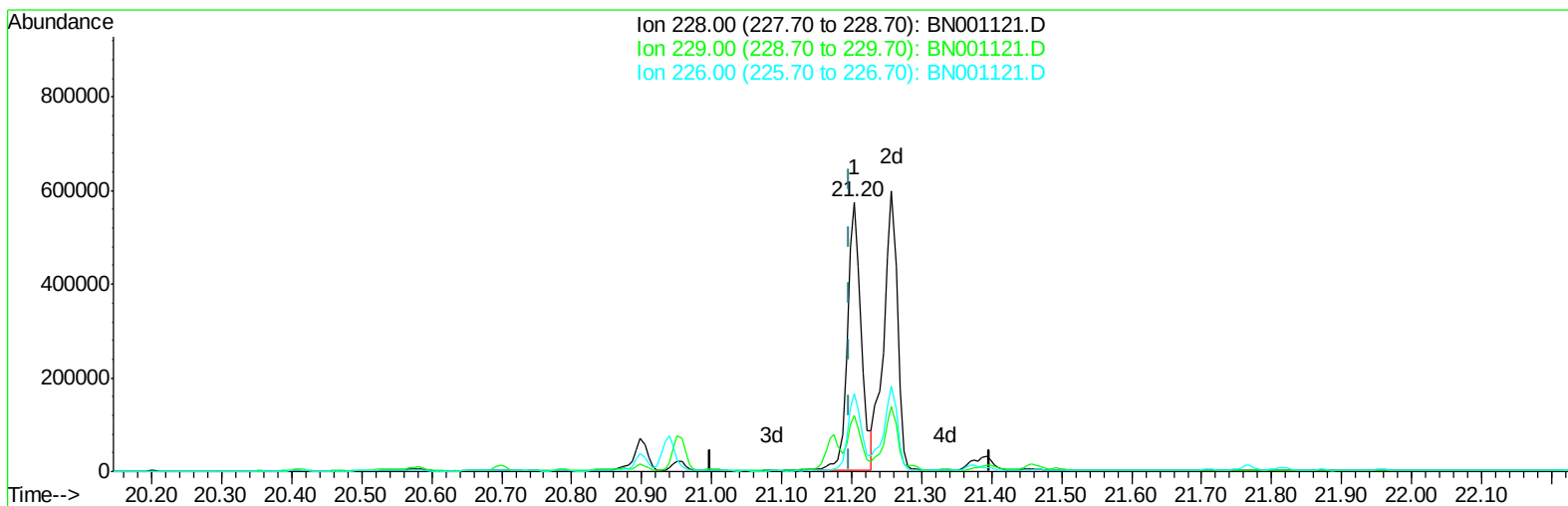
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001121.D
Acq On : 03 May 2018 23:17
Operator : JU/SJ
Sample : J2633-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS99

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:47 PM

Quant Time: May 04 08:07:25 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: BN001121.D

(20) Benzo(a)anthracene

21.204min (+0.006) 33.55ng/ul m

response 786712

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.06
226.00	26.40	29.01
0.00	0.00	0.00

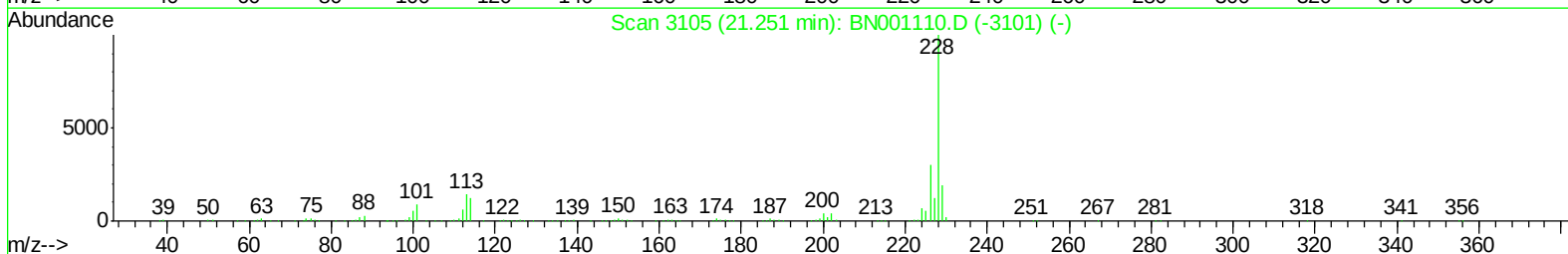
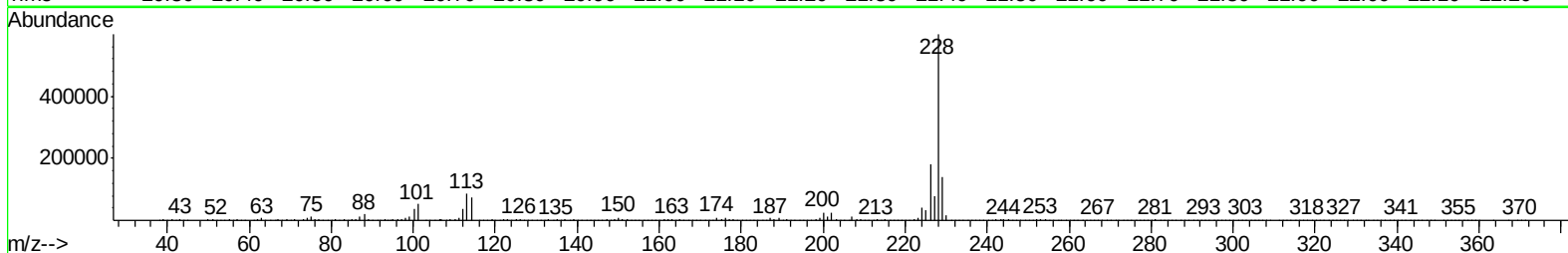
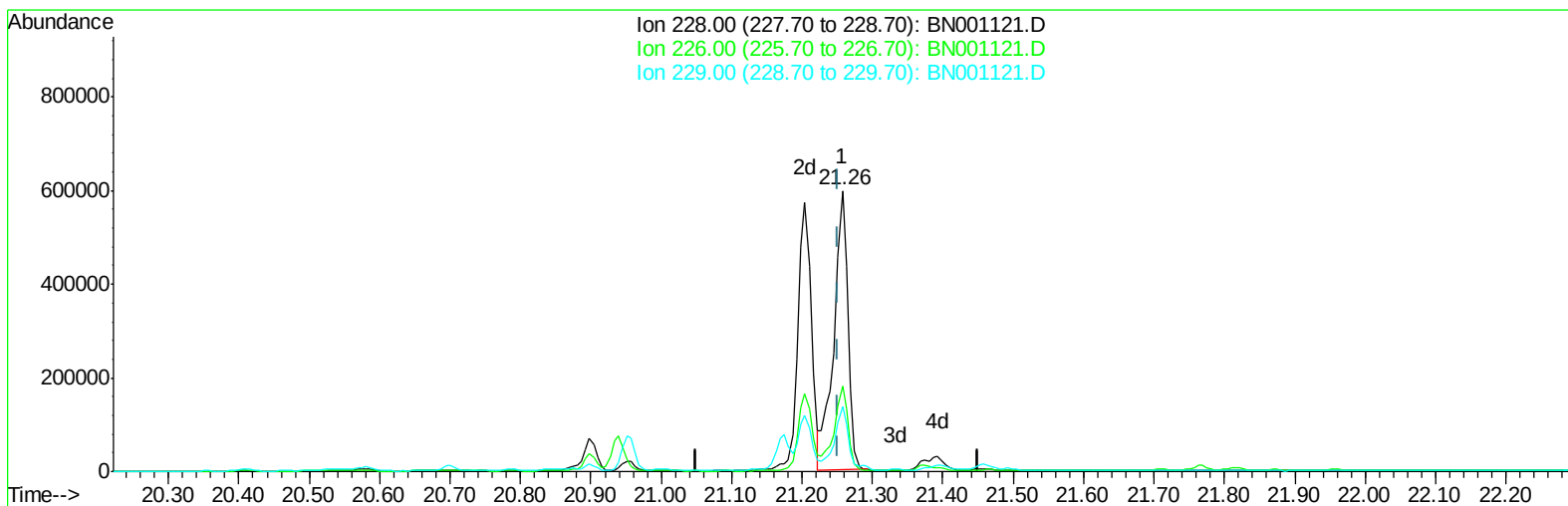
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001121.D
Acq On : 03 May 2018 23:17
Operator : JU/SJ
Sample : J2633-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS99

Manual Integrations
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5/4/2018 1:33:47 PM

Quant Time: May 04 08:07:25 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: BN001121.D

(21) Chrysene

21.257min (+0.006) 37.37ng/ul

response 823703

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.40
229.00	19.80	23.19
0.00	0.00	0.00

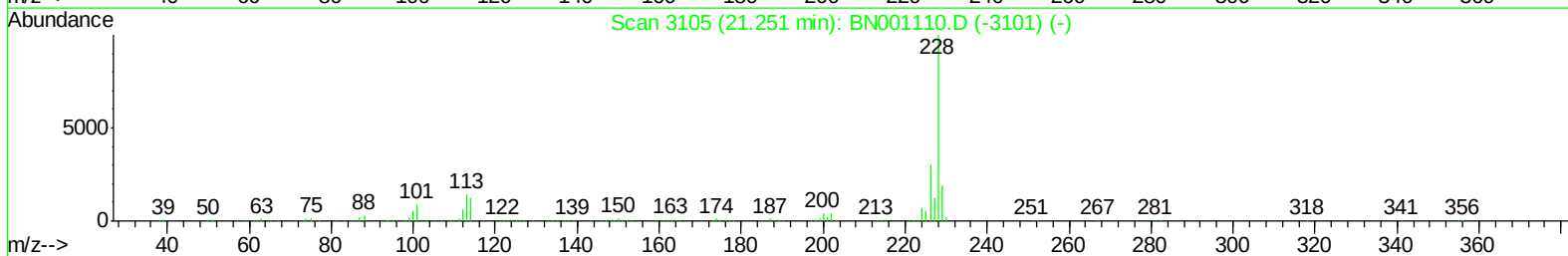
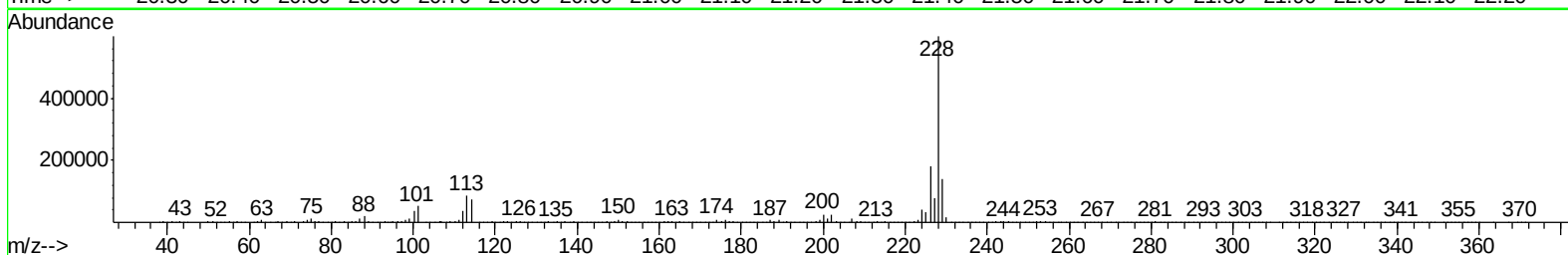
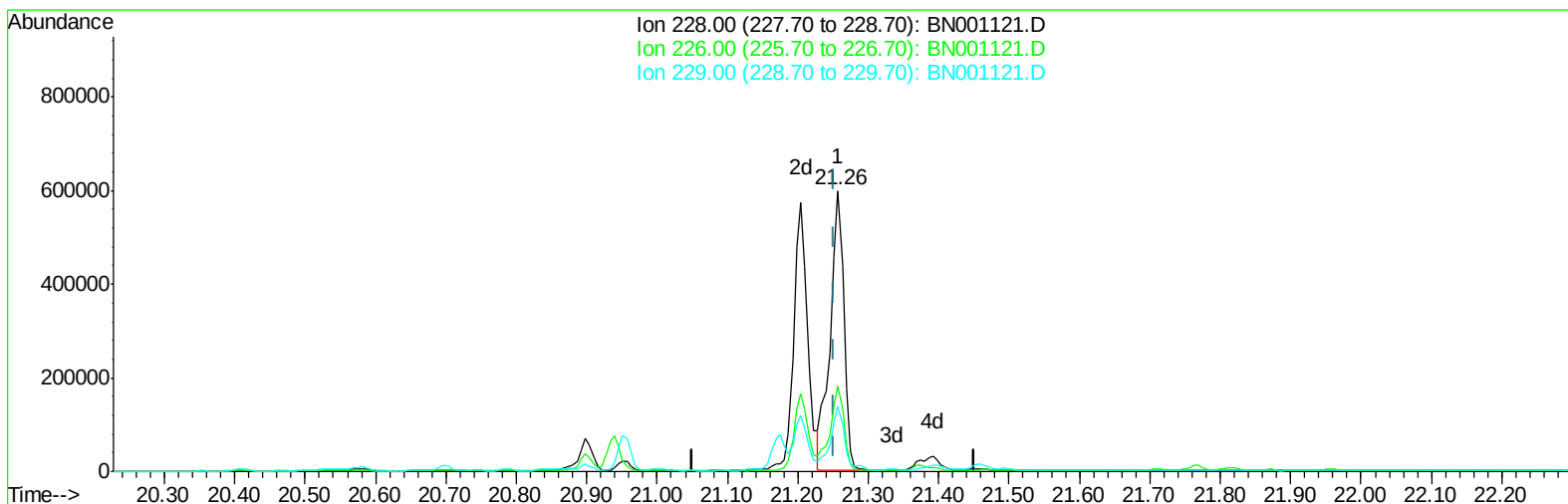
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001121.D
Acq On : 03 May 2018 23:17
Operator : JU/SJ
Sample : J2633-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS99

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:47 PM

Quant Time: May 04 08:07:25 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: BN001121.D

(21) Chrysene

21.257min (+0.006) 36.56ng/ul m

response 805907

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.40
229.00	19.80	23.19
0.00	0.00	0.00

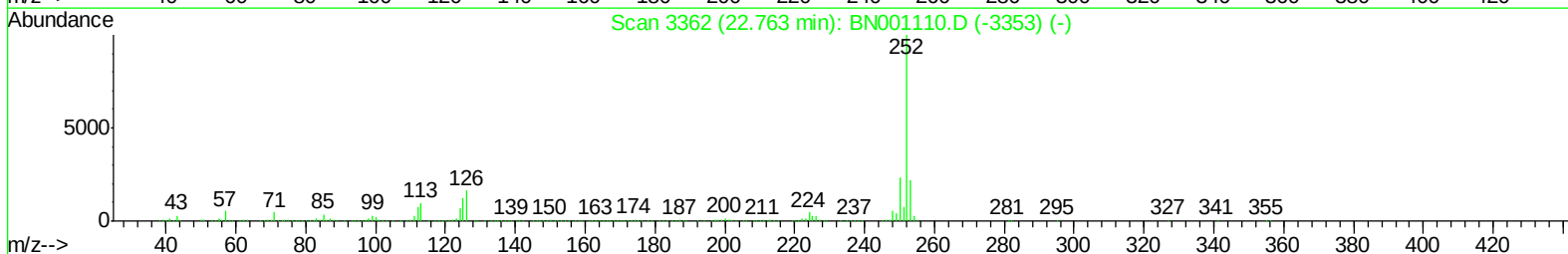
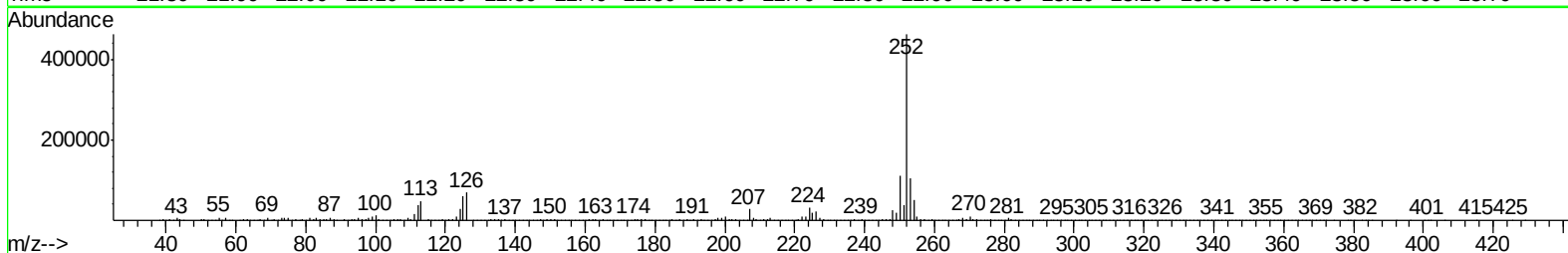
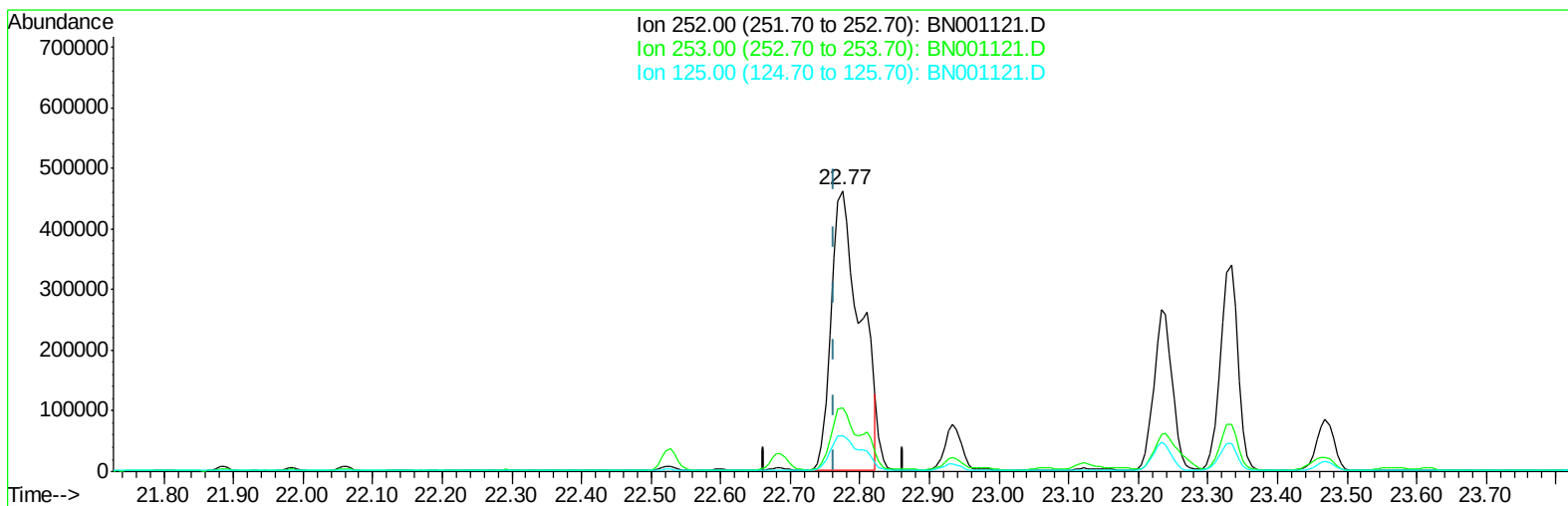
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001121.D
Acq On : 03 May 2018 23:17
Operator : JU/SJ
Sample : J2633-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS99

Manual Integrations
APPROVED

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5/4/2018 1:33:47 PM

Quant Time: May 04 08:07:25 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: BN001121.D

(23) Benzo(b)fluoranthene

22.775min (+0.012) 52.95ng/ul

response 1320001

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.70
125.00	10.00	12.94#
0.00	0.00	0.00

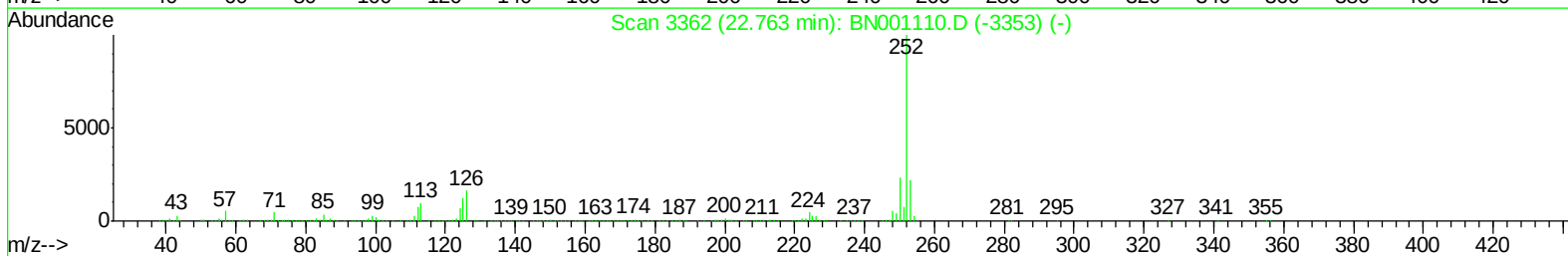
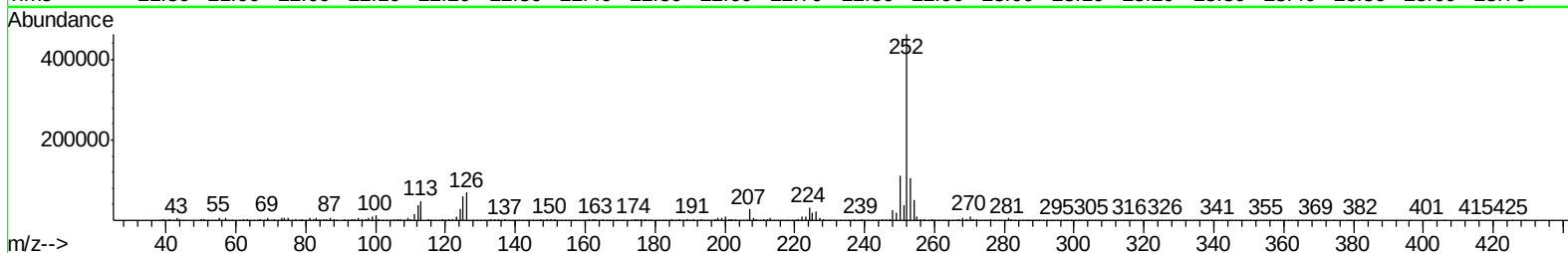
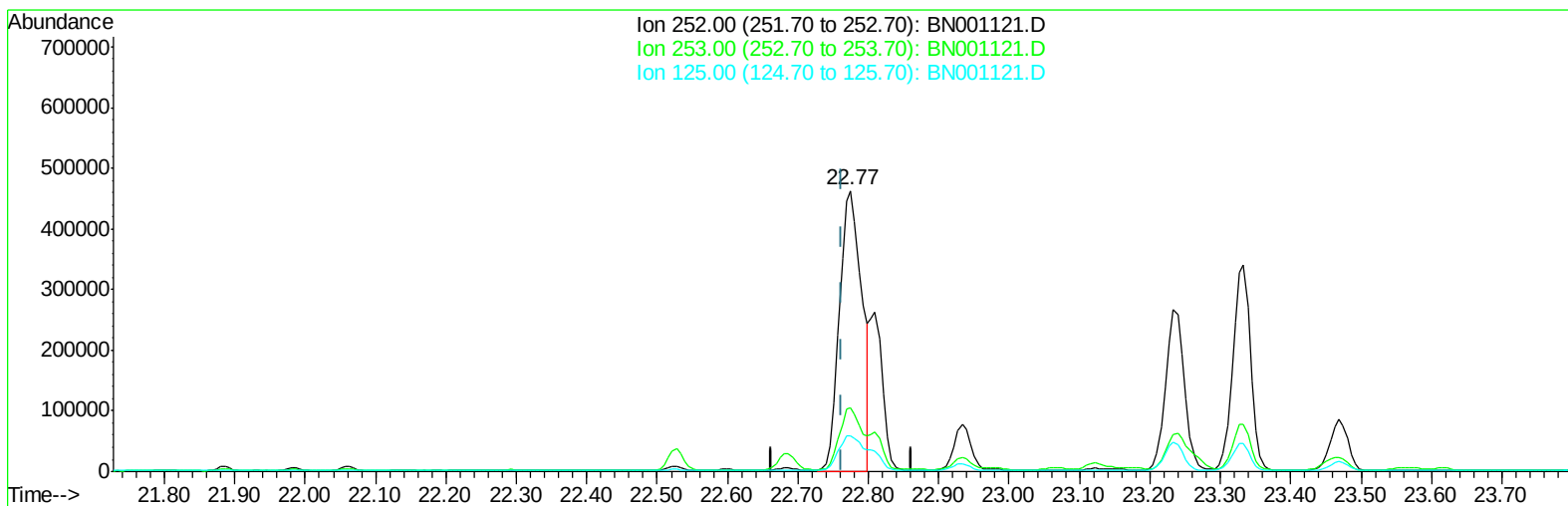
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001121.D
Acq On : 03 May 2018 23:17
Operator : JU/SJ
Sample : J2633-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS99

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:47 PM

Quant Time: May 04 08:07:25 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: BN001121.D

(23) Benzo(b)fluoranthene

22.775min (+0.012) 41.05ng/ul m

response 1023309

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.70
125.00	10.00	12.94#
0.00	0.00	0.00

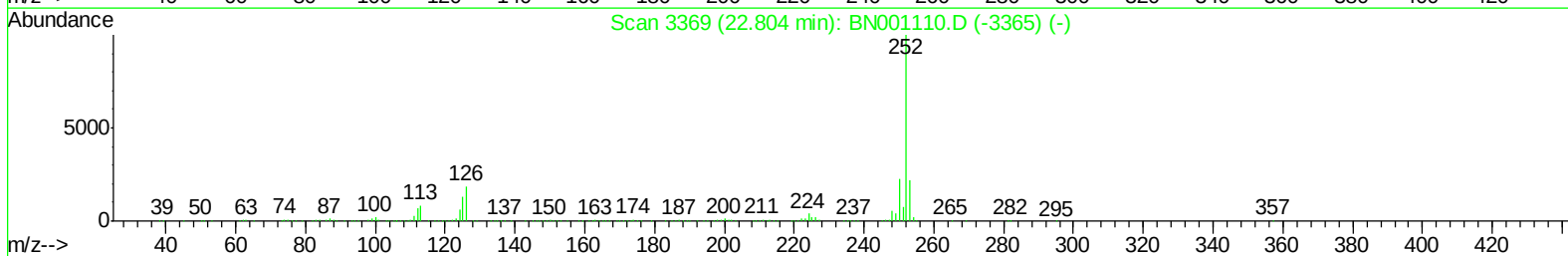
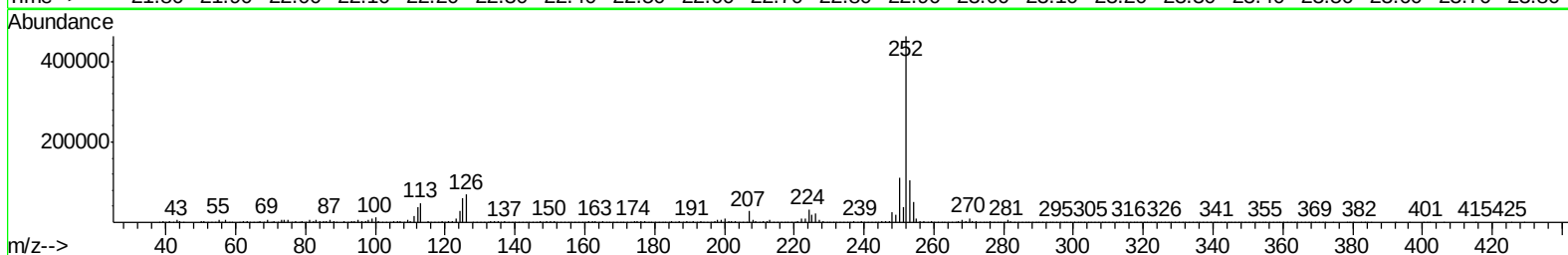
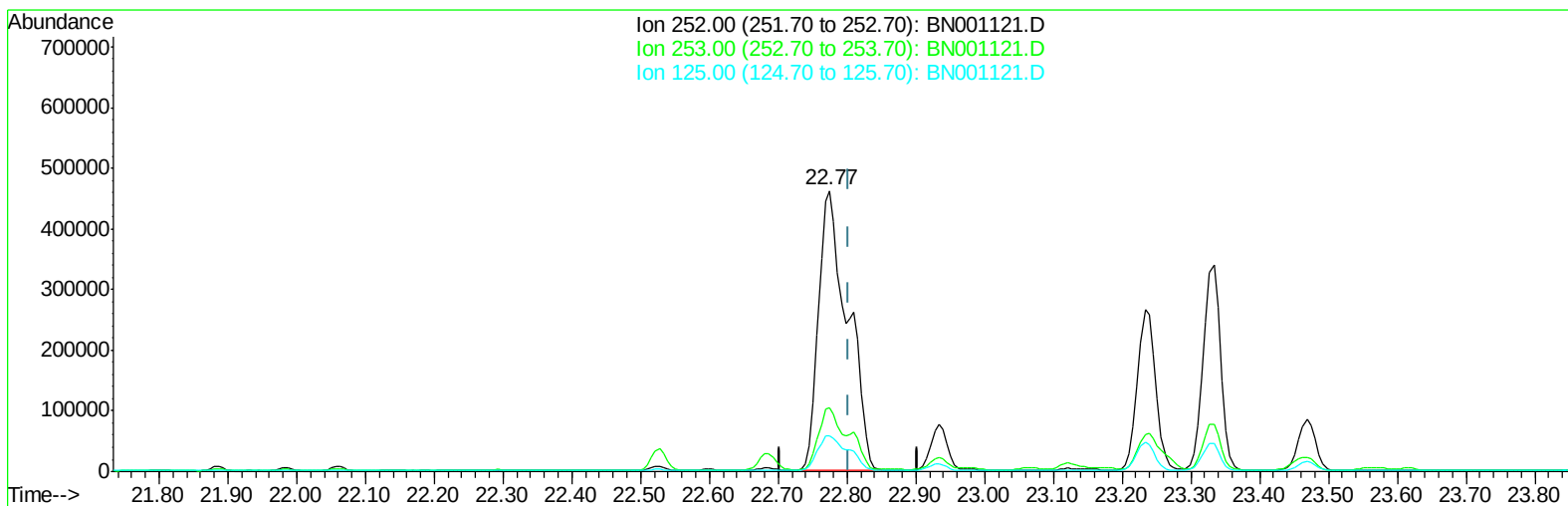
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001121.D
Acq On : 03 May 2018 23:17
Operator : JU/SJ
Sample : J2633-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS99

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:47 PM

Quant Time: May 04 08:07:25 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: BN001121.D

(24) Benzo(k)fluoranthene

22.775min (-0.029) 55.04ng/ul

response 1342611

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.70
125.00	10.10	12.94#
0.00	0.00	0.00

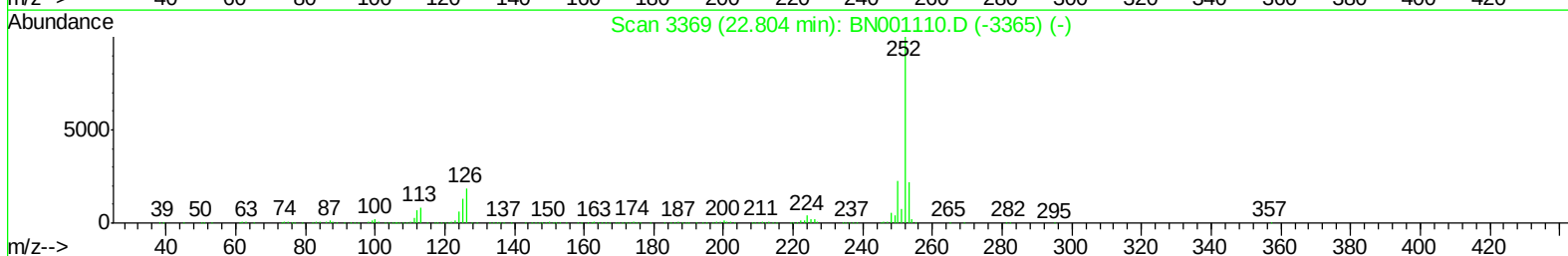
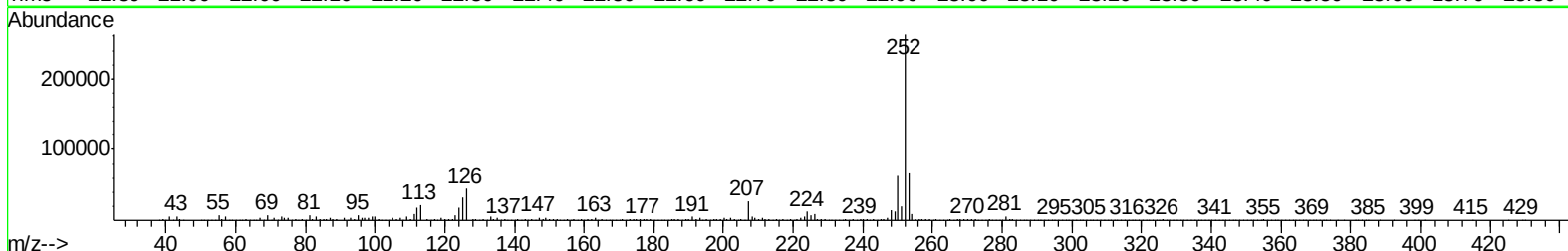
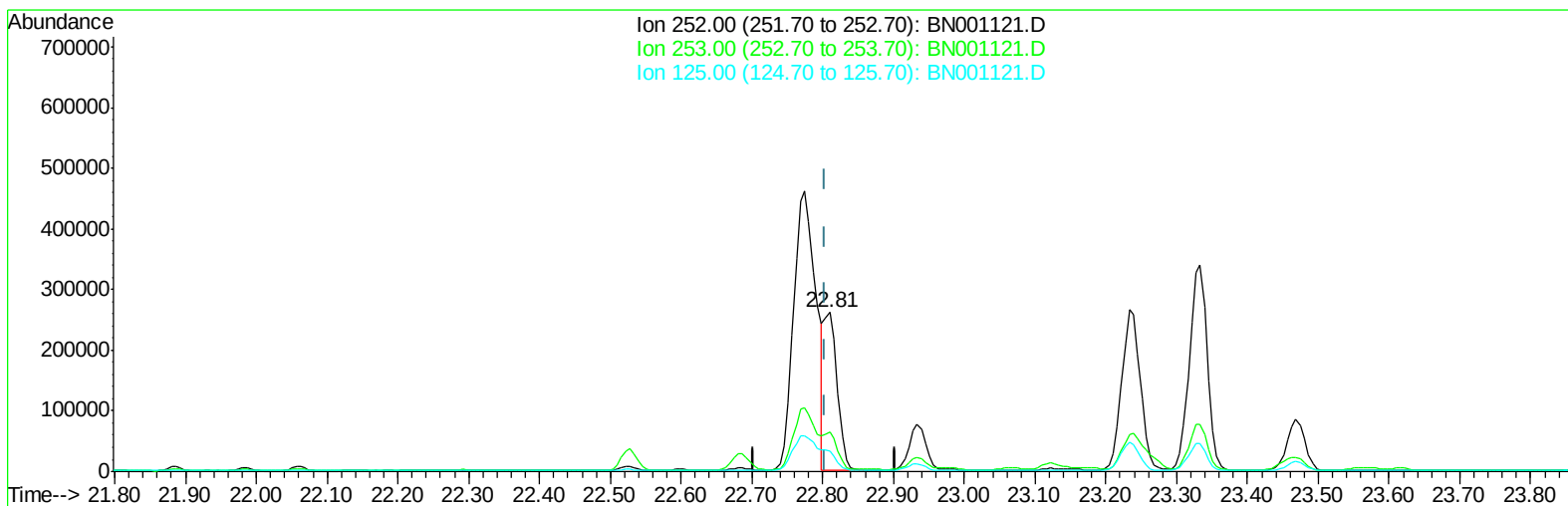
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001121.D
Acq On : 03 May 2018 23:17
Operator : JU/SJ
Sample : J2633-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS99

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:47 PM

Quant Time: May 04 08:07:25 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: BN001121.D

(24) Benzo(k)fluoranthene

22.810min (+0.006) 13.58ng/ul m

response 331263

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.12
125.00	10.10	12.65#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
 Data File : BN001121.D
 Acq On : 03 May 2018 23:17
 Operator : JU/SJ
 Sample : J2633-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS99

Manual Integrations
 APPROVED

Sohil
 5/4/2018 1:33:47 PM

Quant Time: May 04 08:43:08 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	93553	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	381257	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	193945	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	399544	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	392302	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	438658	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	434821	23.34	ng/ul	0.00
10) Fluorene-d10	15.26	176	298826	24.04	ng/ul	0.00
14) Anthracene-d10	17.11	188	440983	24.14	ng/ul	0.00
18) Pyrene-d10	19.42	212	462108	22.99	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.29	264	518110	25.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	46866	2.439	ng/ul	99
4) 2-Methylnaphthalene	12.06	142	21243	1.657	ng/ul	94
5) 1-Methylnaphthalene	12.28	142	20061	1.595	ng/ul#	96
8) Acenaphthylene	13.97	152	61778	3.351	ng/ul	99
9) Acenaphthene	14.32	153	32947	2.587	ng/ul	94
11) Fluorene	15.31	166	50569	3.729	ng/ul	92
13) Phenanthrene	17.05	178	1269829	58.272	ng/ul	99
15) Anthracene	17.14	178	192567	8.810	ng/ul	99
16) Fluoranthene	19.08	202	1854368	83.874	ng/ul#	93
19) Pyrene	19.45	202	1359825	53.965	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	786712m	33.547	ng/ul	
21) Chrysene	21.26	228	805907m	36.563	ng/ul	
23) Benzo(b)fluoranthene	22.77	252	1023309m	41.049	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	331263m	13.580	ng/ul	
26) Benzo(a)pyrene	23.33	252	593095	24.894	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.62	276	432475	15.029	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.62	278	134267	5.598	ng/ul#	81
29) Benzo(a,h,i)perylene	26.29	276	400885	16.657	ng/ul#	92

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

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