

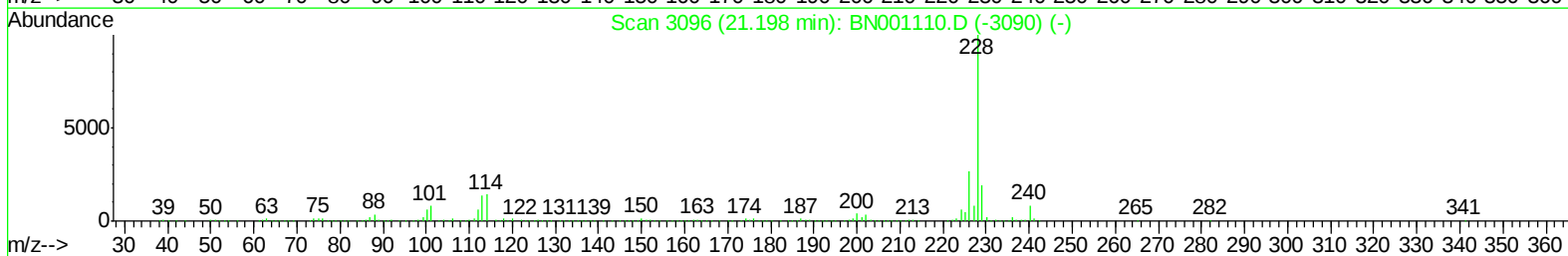
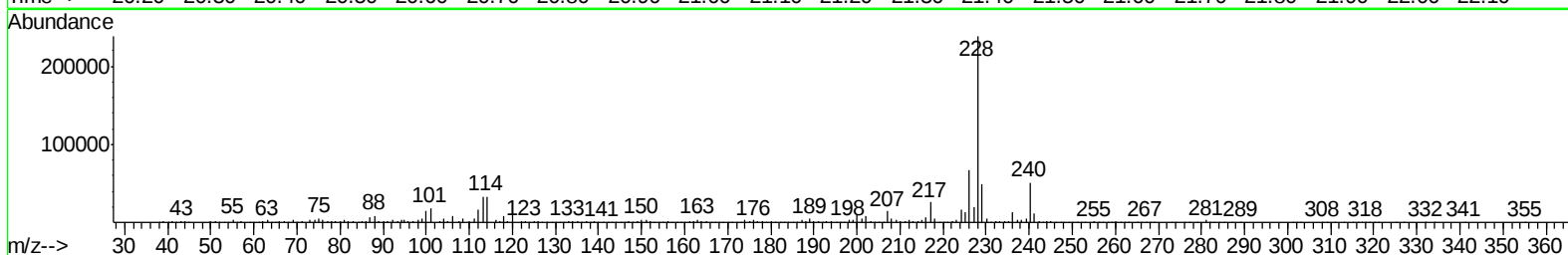
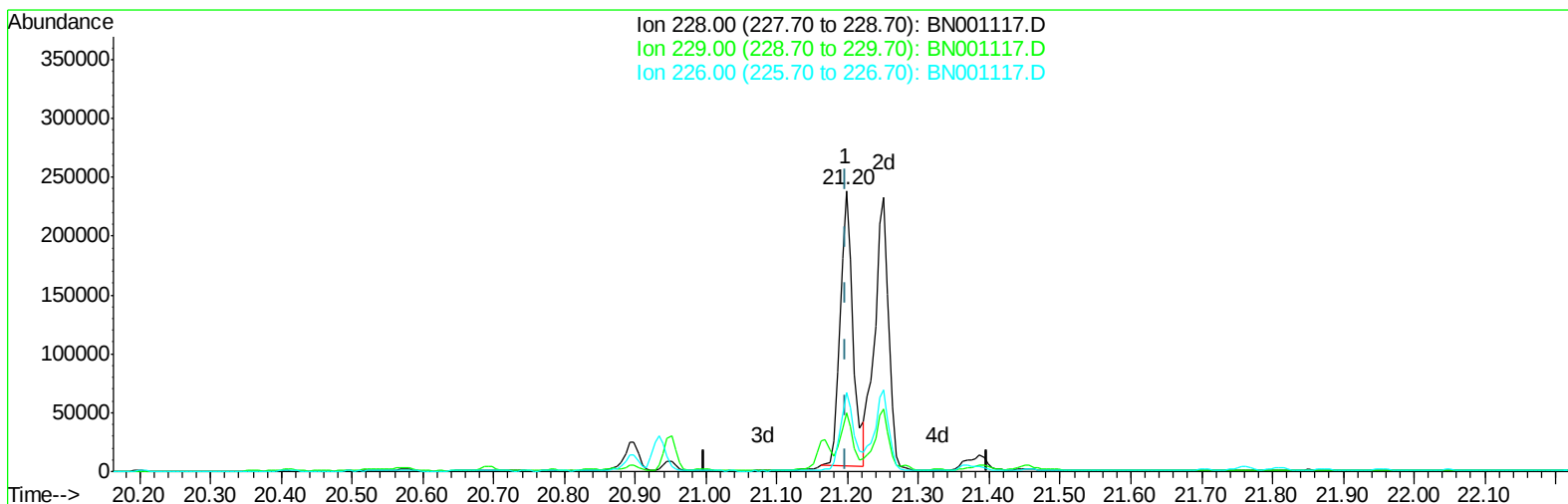
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001117.D
Acq On : 03 May 2018 20:56
Operator : JU/SJ
Sample : J2633-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA1

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:39 PM

Quant Time: May 04 08:06:29 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: BN001117.D

(20) Benzo(a)anthracene

21.198min (-0.000) 13.26ng/ul

response 296435

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.78
226.00	26.40	28.38
0.00	0.00	0.00

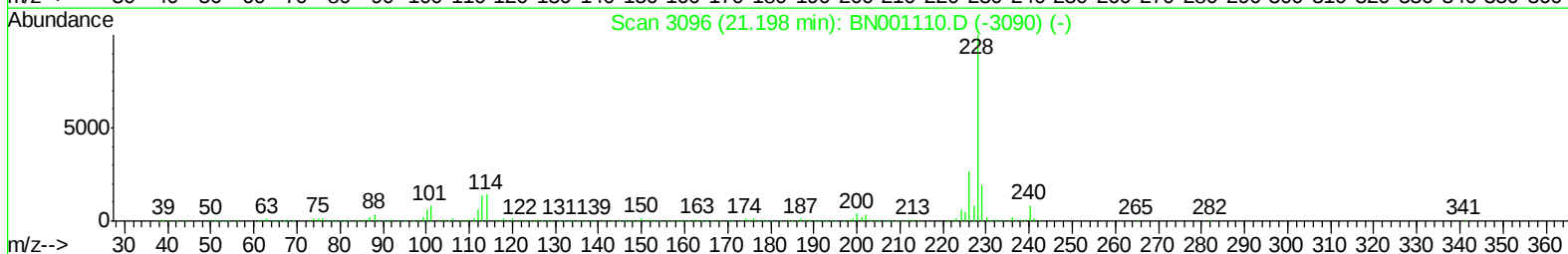
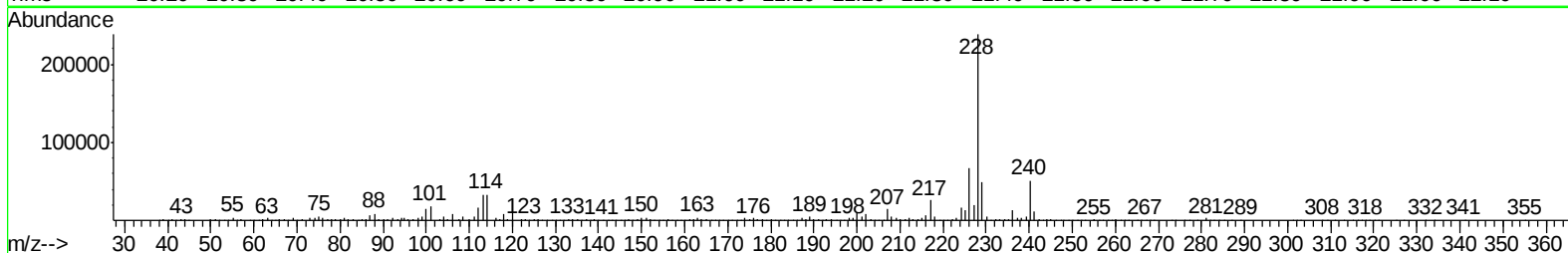
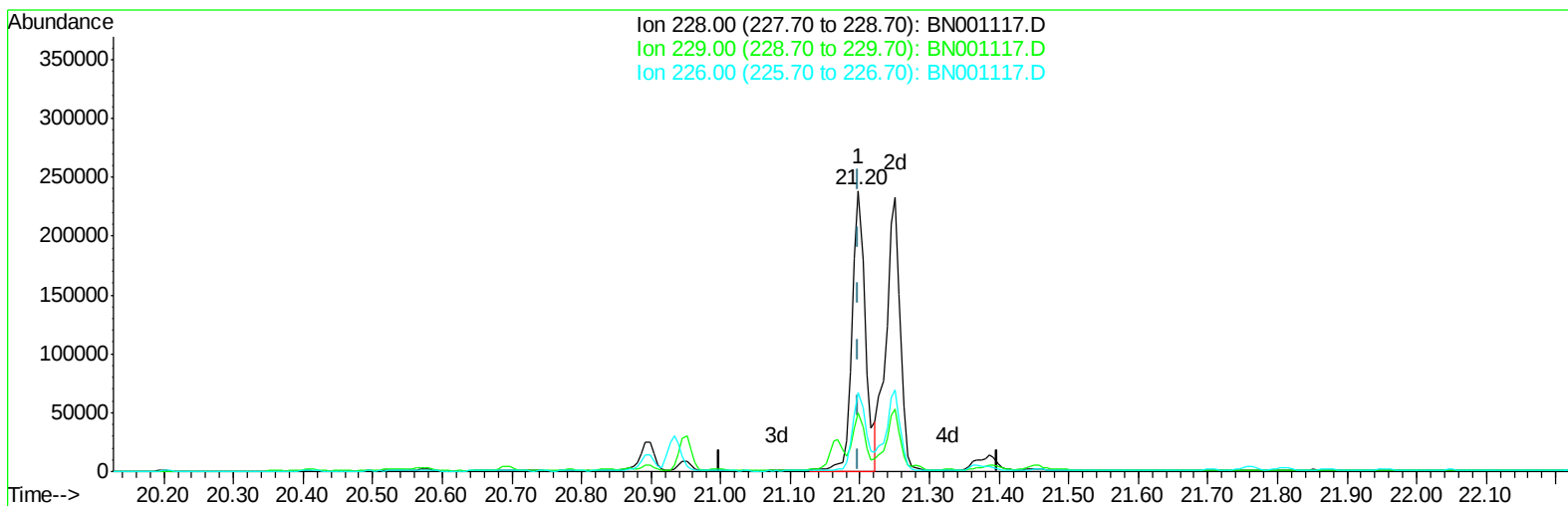
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001117.D
Acq On : 03 May 2018 20:56
Operator : JU/SJ
Sample : J2633-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA1

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:39 PM

Quant Time: May 04 08:06:29 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: BN001117.D

(20) Benzo(a)anthracene

21.198min (-0.000) 14.17ng/ul m

response 316832

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.78
226.00	26.40	28.38
0.00	0.00	0.00

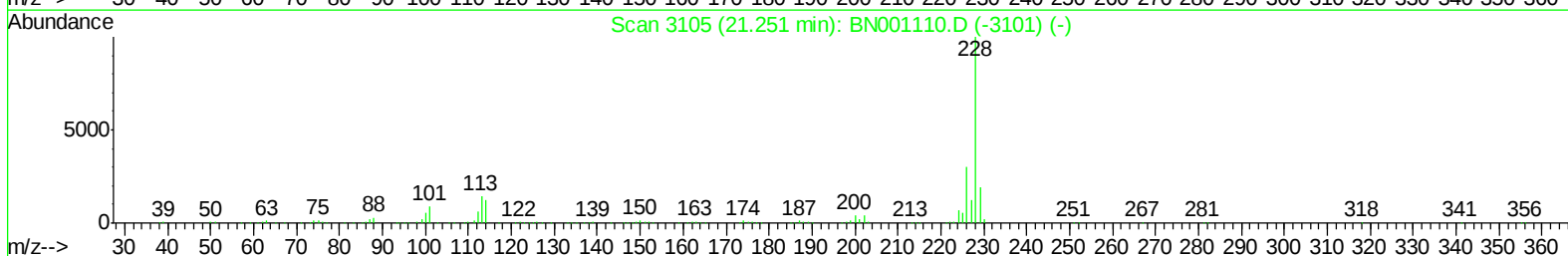
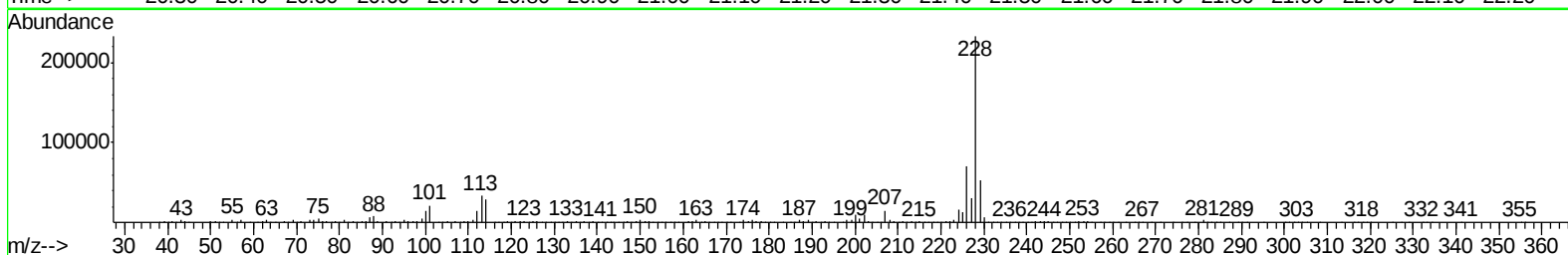
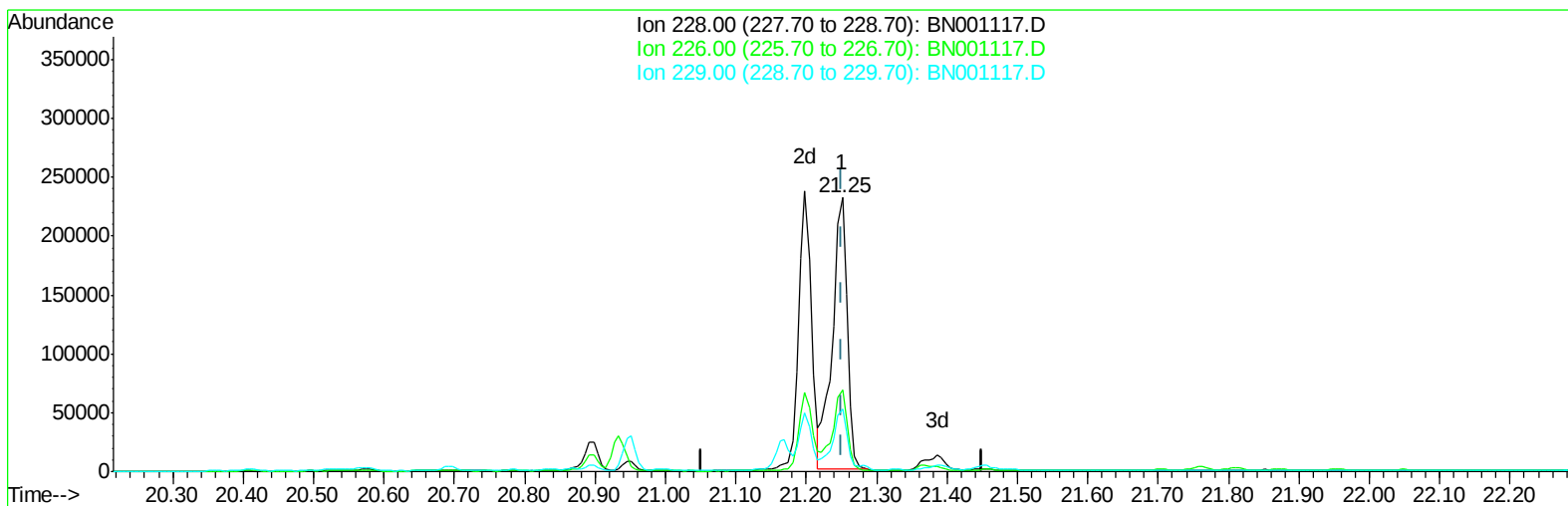
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001117.D
Acq On : 03 May 2018 20:56
Operator : JU/SJ
Sample : J2633-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA1

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:39 PM

Quant Time: May 04 08:06:29 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: BN001117.D

(21) Chrysene

21.251min (-0.000) 16.02ng/ul

response 336563

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.91
229.00	19.80	22.66
0.00	0.00	0.00

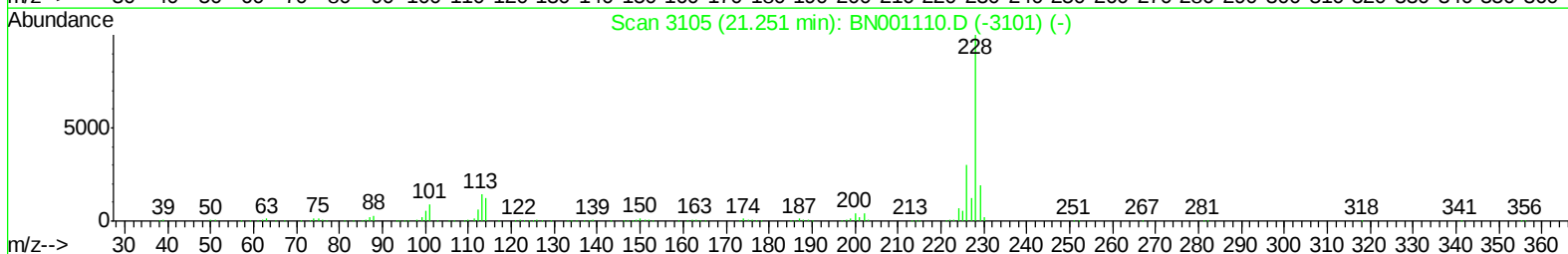
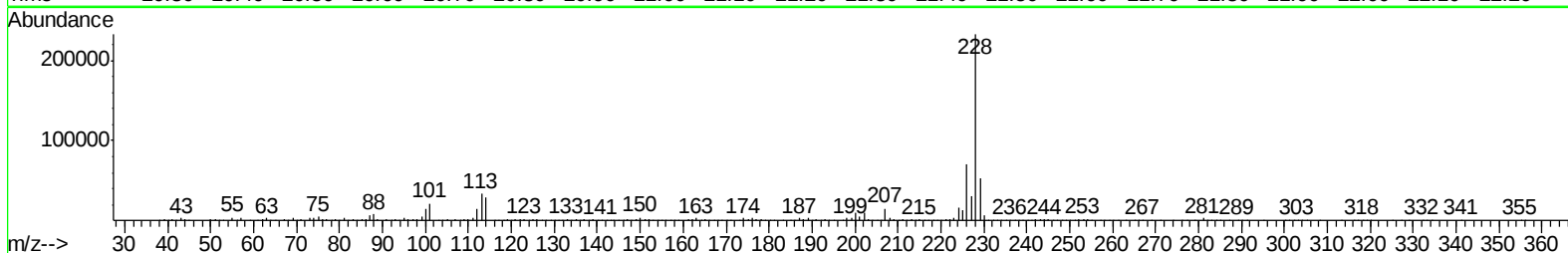
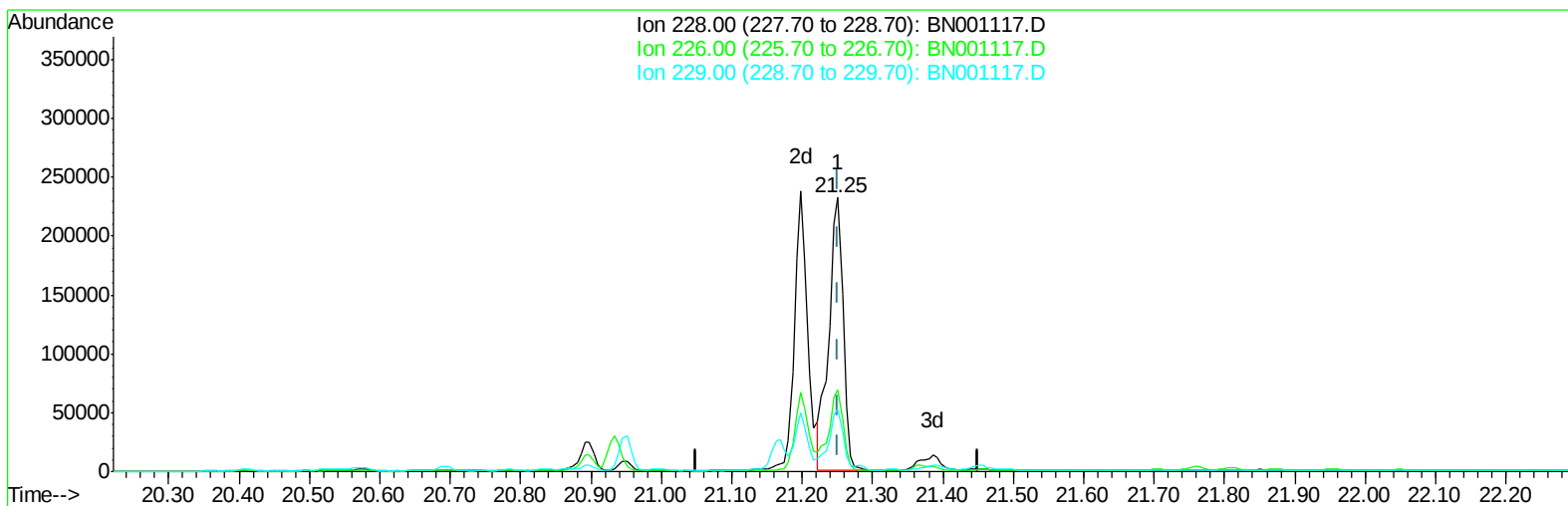
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001117.D
Acq On : 03 May 2018 20:56
Operator : JU/SJ
Sample : J2633-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA1

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:39 PM

Quant Time: May 04 08:06:29 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: BN001117.D

(21) Chrysene

21.251min (-0.000) 15.62ng/ul m

response 328209

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.91
229.00	19.80	22.66
0.00	0.00	0.00

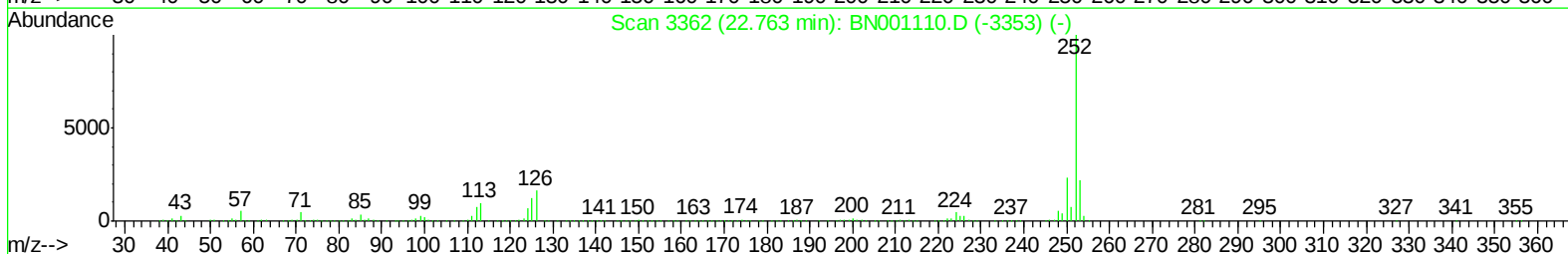
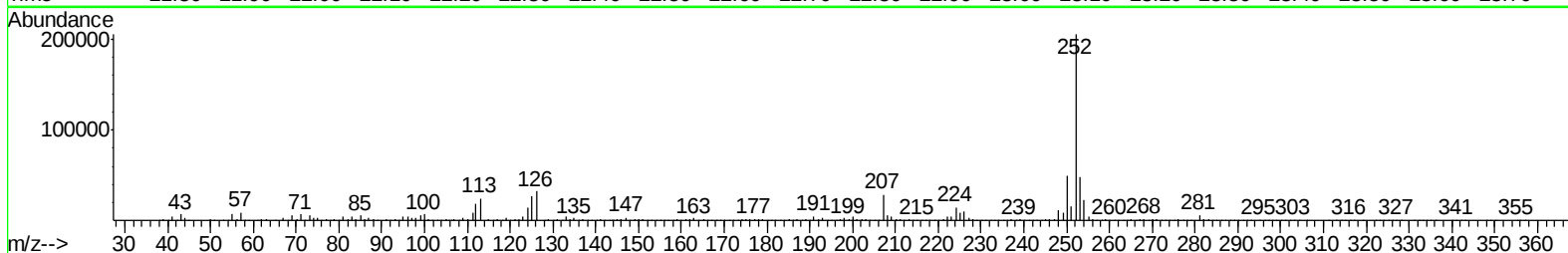
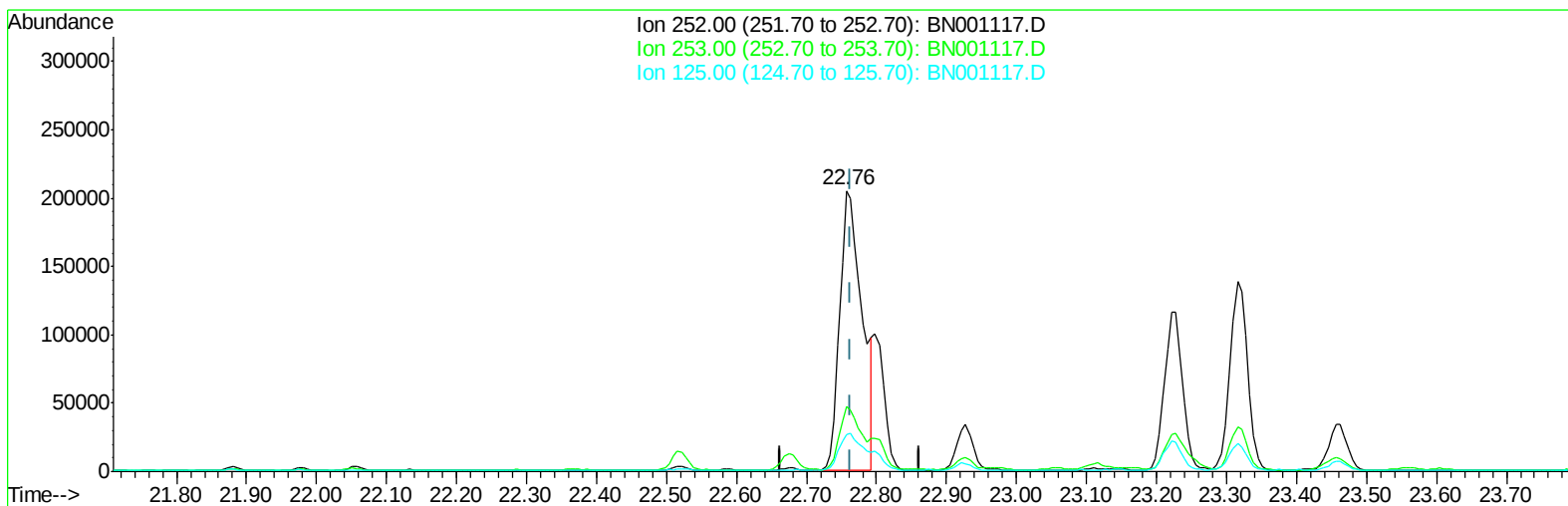
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001117.D
Acq On : 03 May 2018 20:56
Operator : JU/SJ
Sample : J2633-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA1

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:39 PM

Quant Time: May 04 08:06:29 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: BN001117.D

(23) Benzo(b)fluoranthene

22.757min (-0.006) 19.50ng/ul

response 459554

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.30
125.00	10.00	13.23#
0.00	0.00	0.00

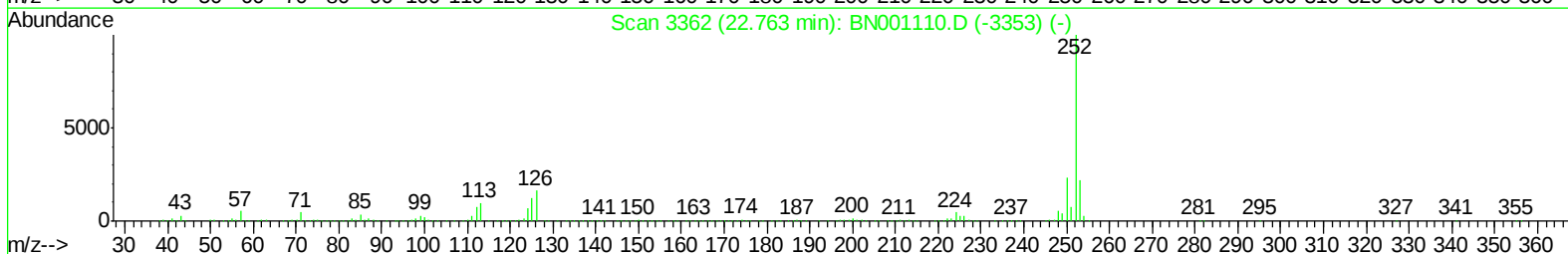
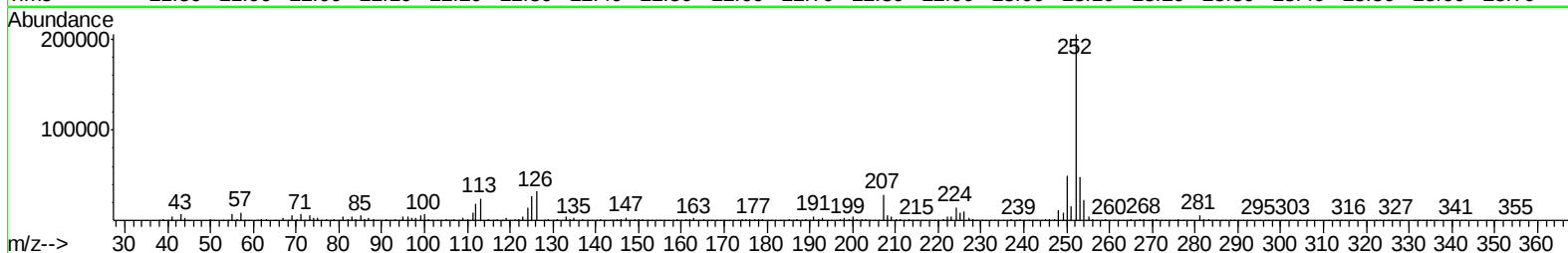
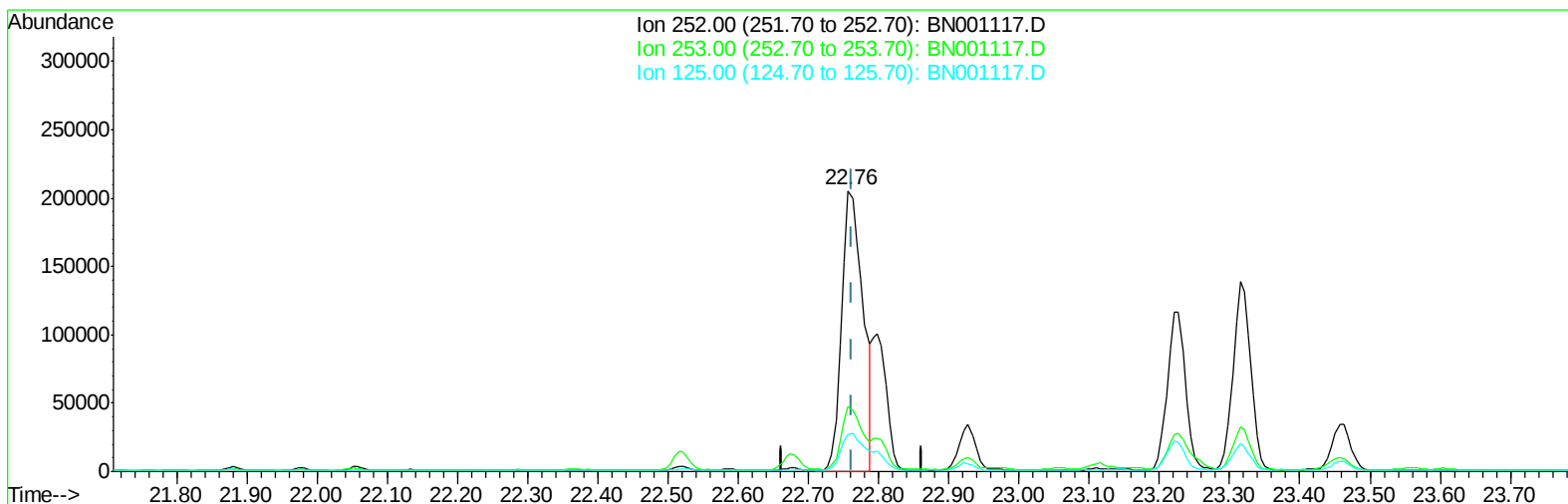
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001117.D
Acq On : 03 May 2018 20:56
Operator : JU/SJ
Sample : J2633-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA1

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:39 PM

Quant Time: May 04 08:06:29 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: BN001117.D

(23) Benzo(b)fluoranthene

22.757min (-0.006) 18.14ng/ul m

response 427530

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.30
125.00	10.00	13.23#
0.00	0.00	0.00

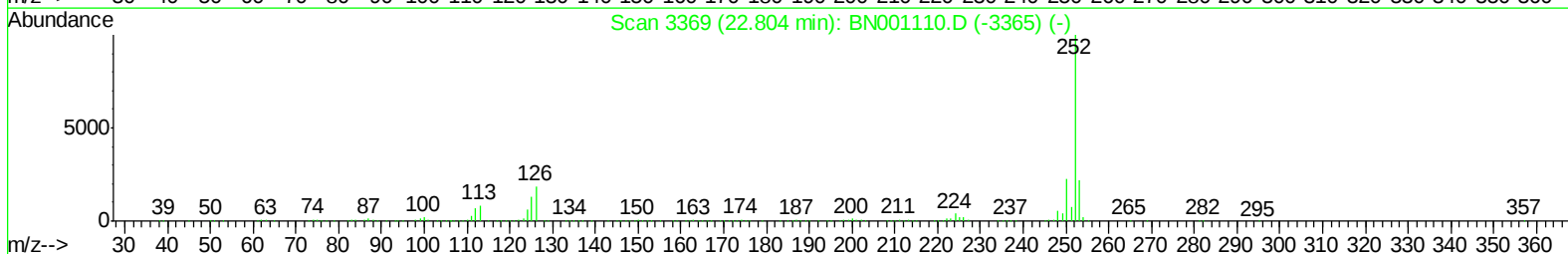
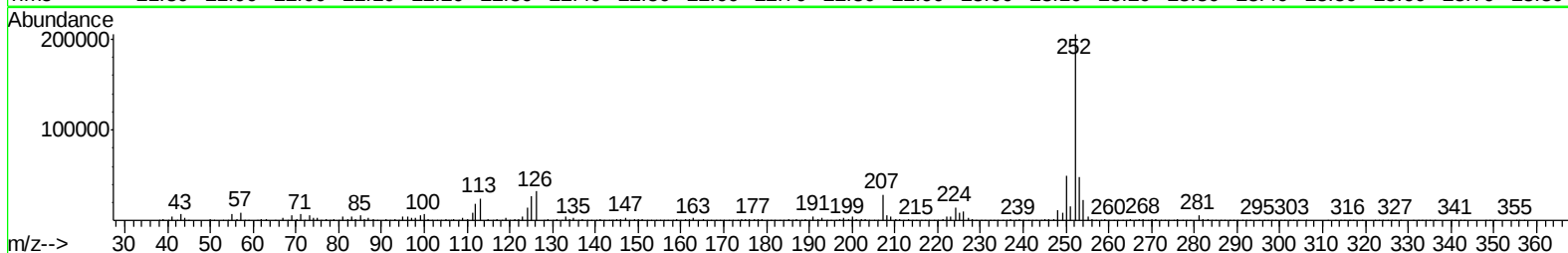
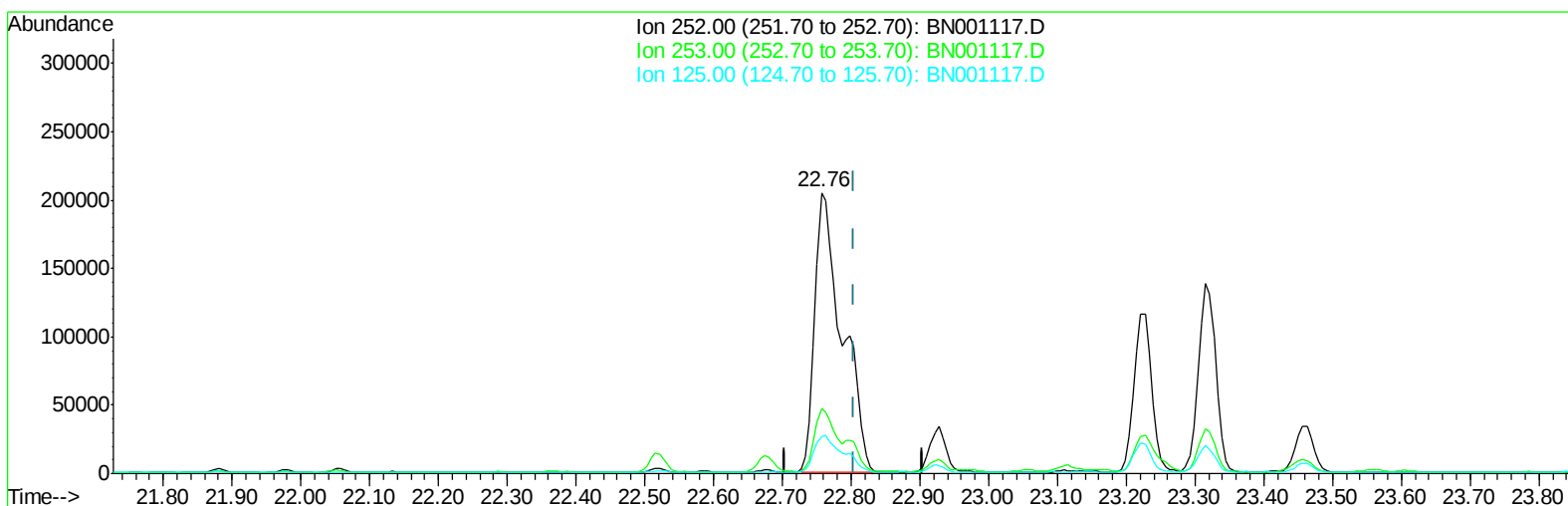
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001117.D
Acq On : 03 May 2018 20:56
Operator : JU/SJ
Sample : J2633-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA1

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:39 PM

Quant Time: May 04 08:06:29 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: BN001117.D

(24) Benzo(k)fluoranthene

22.757min (-0.047) 24.45ng/ul

response 563834

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.30
125.00	10.10	13.23#
0.00	0.00	0.00

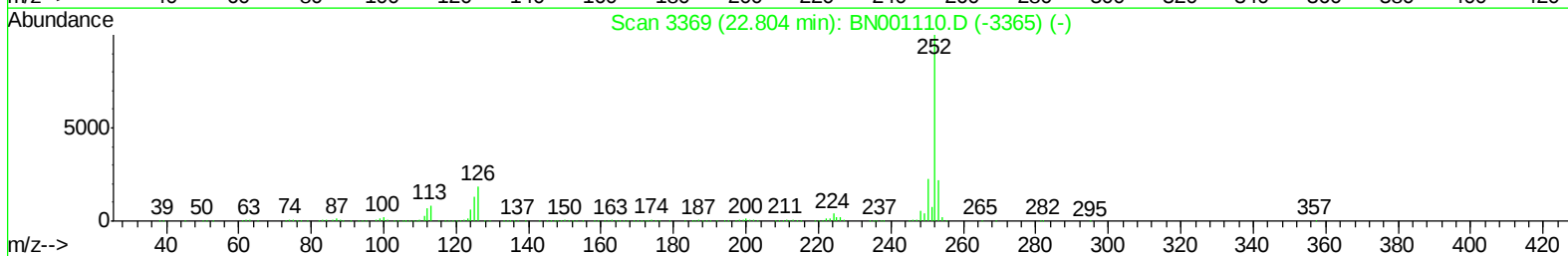
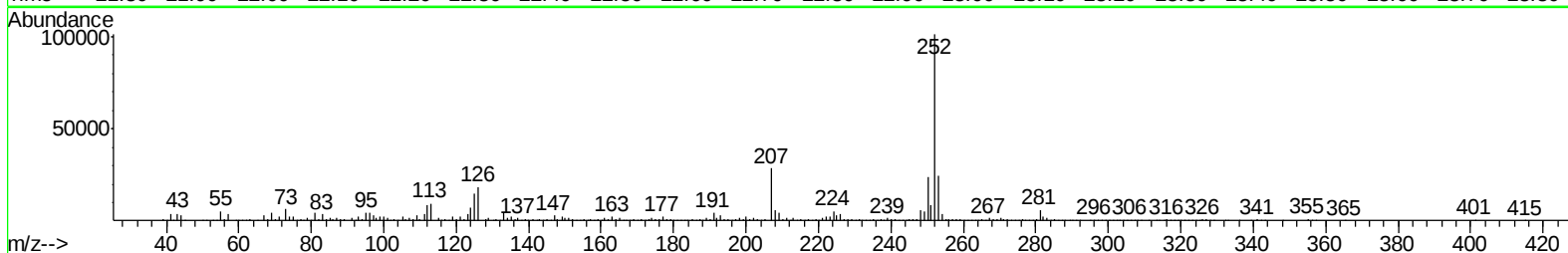
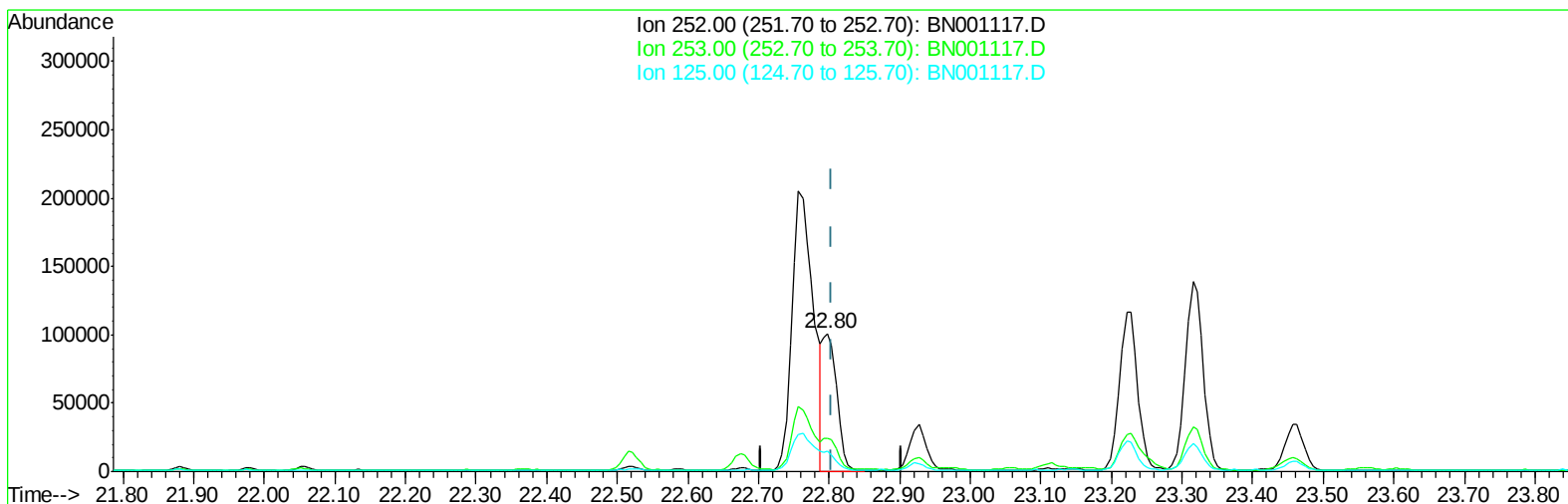
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001117.D
Acq On : 03 May 2018 20:56
Operator : JU/SJ
Sample : J2633-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA1

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:39 PM

Quant Time: May 04 08:06:29 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: BN001117.D

(24) Benzo(k)fluoranthene

22.798min (-0.006) 6.25ng/ul m

response 144023

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.34
125.00	10.10	14.69#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
 Data File : BN001117.D
 Acq On : 03 May 2018 20:56
 Operator : JU/SJ
 Sample : J2633-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DASA1

Manual Integrations
 APPROVED

Sohil
 5/4/2018 1:33:39 PM

Quant Time: May 04 08:34:02 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	119481	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	501564	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	238049	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	427727	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	373984	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	414678	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	405270	17.73	ng/ul	0.00
10) Fluorene-d10	15.25	176	270461	17.72	ng/ul	0.00
14) Anthracene-d10	17.10	188	356227	18.21	ng/ul	0.00
18) Pyrene-d10	19.41	212	352586	18.40	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	387134	19.76	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	30033	1.188	ng/ul	99
8) Acenaphthylene	13.97	152	30173	1.333	ng/ul	97
13) Phenanthrene	17.05	178	563231	24.143	ng/ul	100
15) Anthracene	17.14	178	75771	3.238	ng/ul	99
16) Fluoranthene	19.07	202	792513	33.484	ng/ul#	93
19) Pyrene	19.44	202	567259	23.614	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	316832m	14.172	ng/ul	
21) Chrysene	21.25	228	328209m	15.620	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	427530m	18.142	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	144023m	6.246	ng/ul	
26) Benzo(a)pyrene	23.32	252	242777	10.780	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.60	276	190424	7.000	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.60	278	58030	2.560	ng/ul#	79
29) Benzo(a,h,i)perylene	26.27	276	178625	7.851	ng/ul#	92

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

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Instrument :
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Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:39 PM

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