

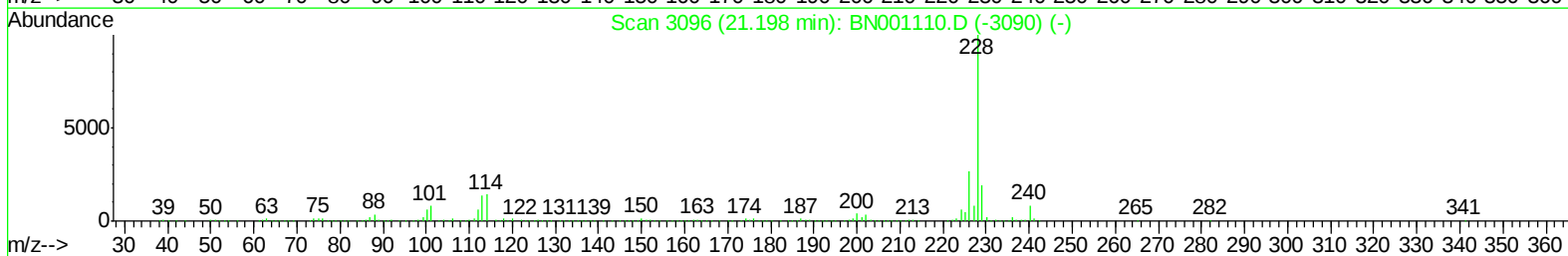
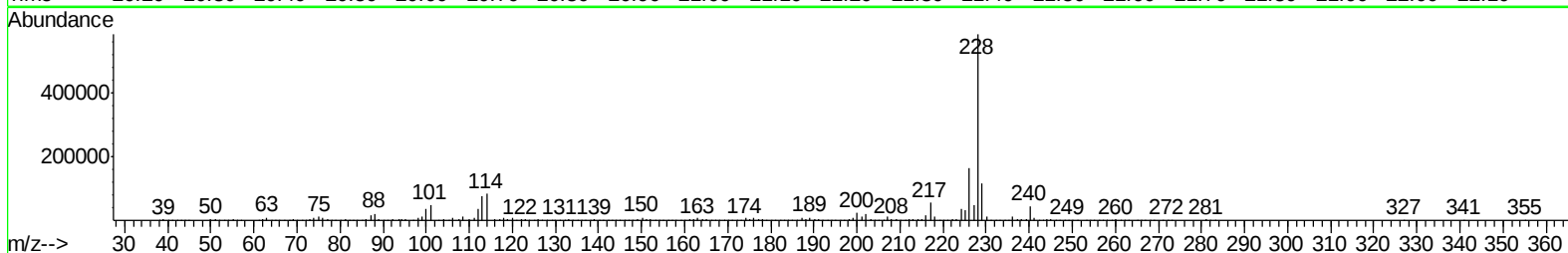
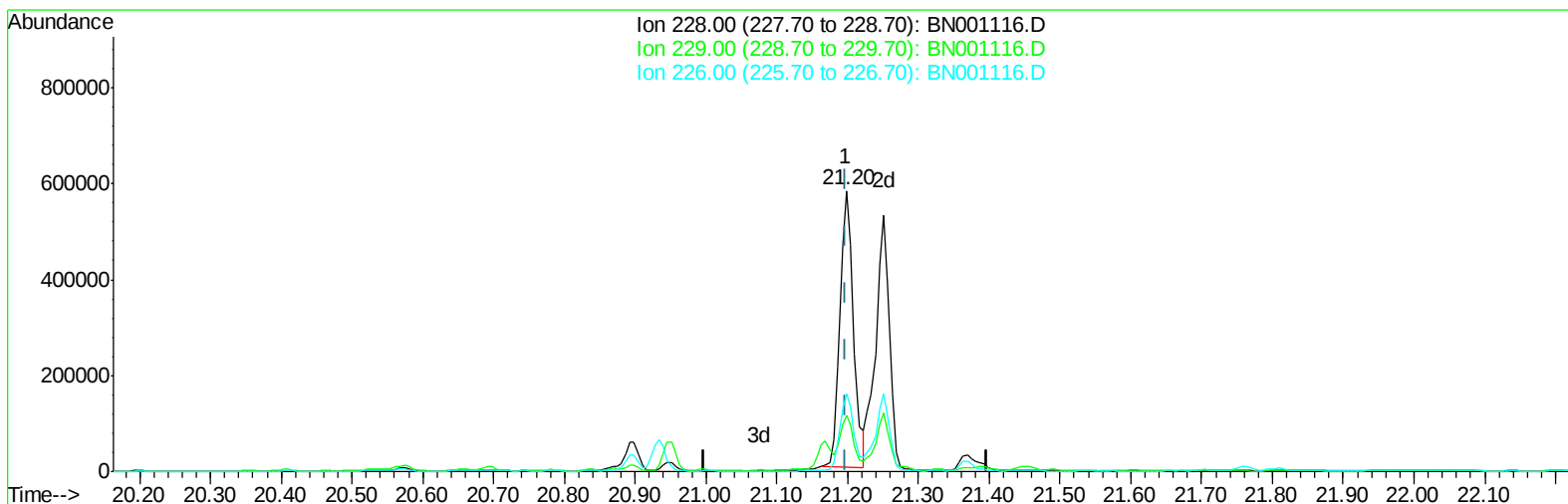
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001116.D
Acq On : 03 May 2018 20:21
Operator : JU/SJ
Sample : J2633-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA0

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:38 PM

Quant Time: May 04 08:06:17 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: BN001116.D

(20) Benzo(a)anthracene

21.198min (+0.000) 34.29ng/ul

response 764295

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.18
226.00	26.40	27.93
0.00	0.00	0.00

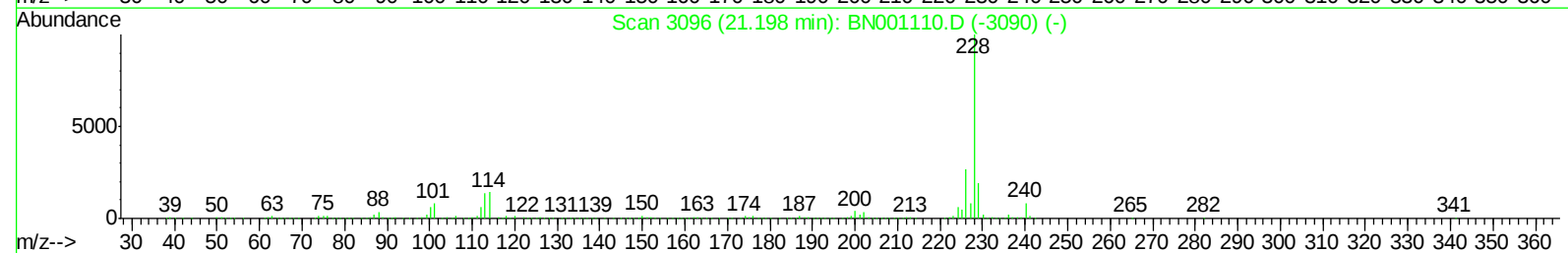
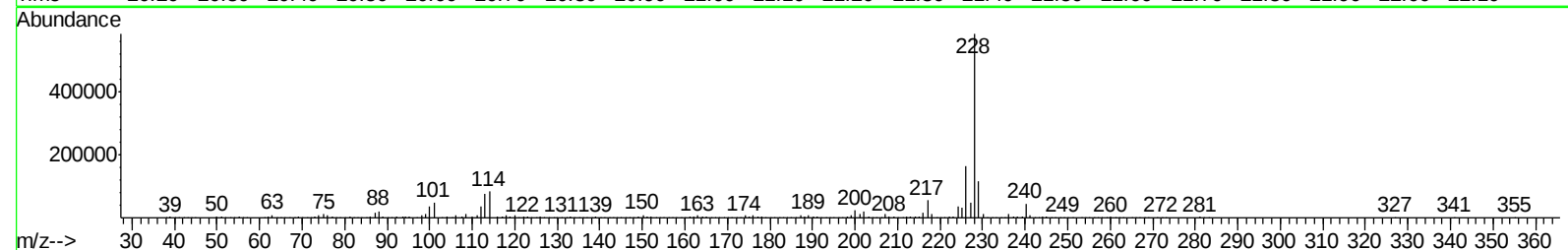
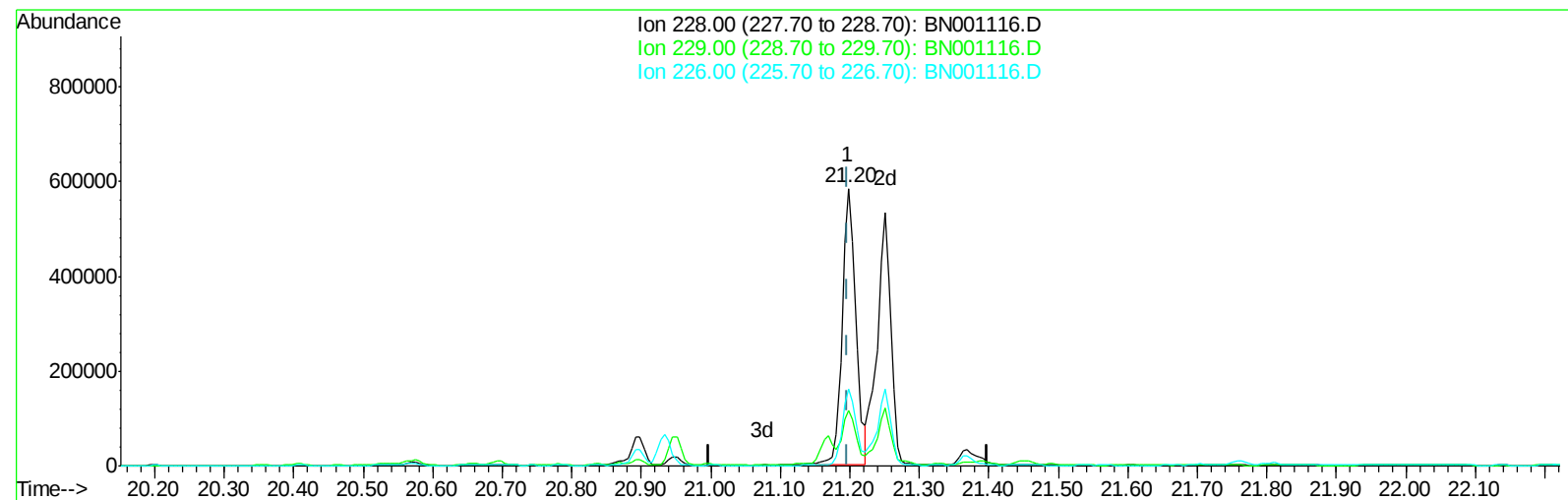
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001116.D
Acq On : 03 May 2018 20:21
Operator : JU/SJ
Sample : J2633-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:38 PM

Quant Time: May 04 08:06:17 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: BN001116.D

(20) Benzo(a)anthracene

21.198min (+0.000) 35.89ng/ul m

response 799868

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.18
226.00	26.40	27.93
0.00	0.00	0.00

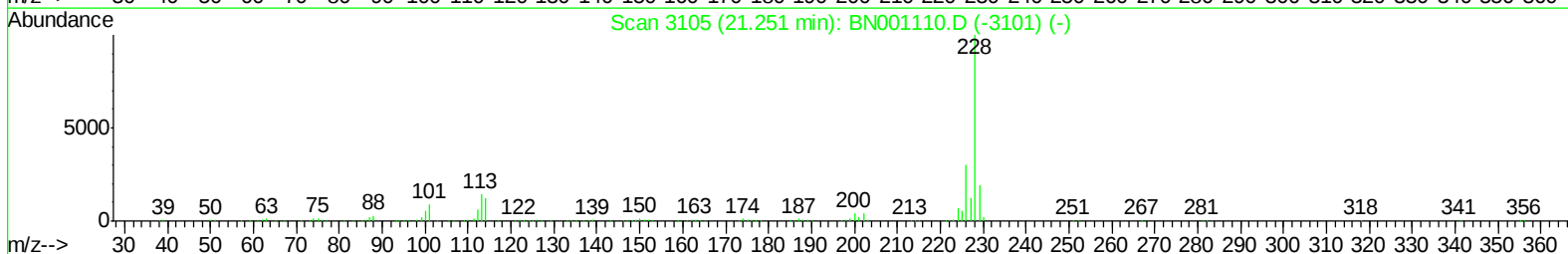
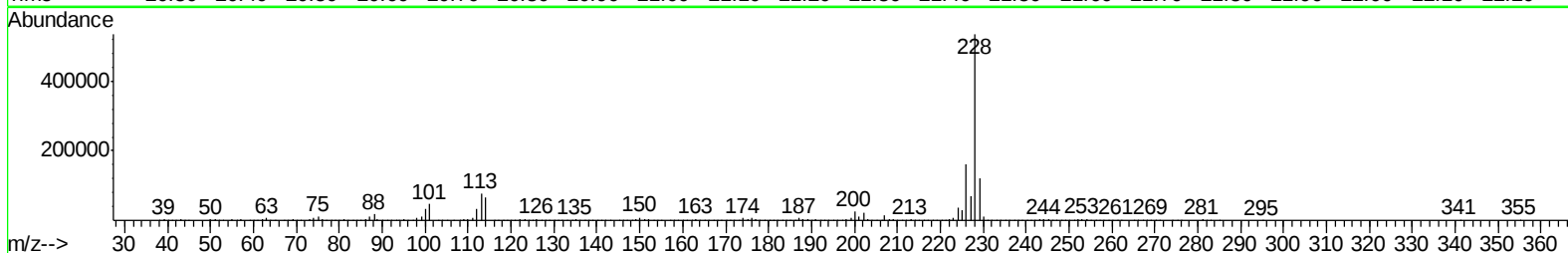
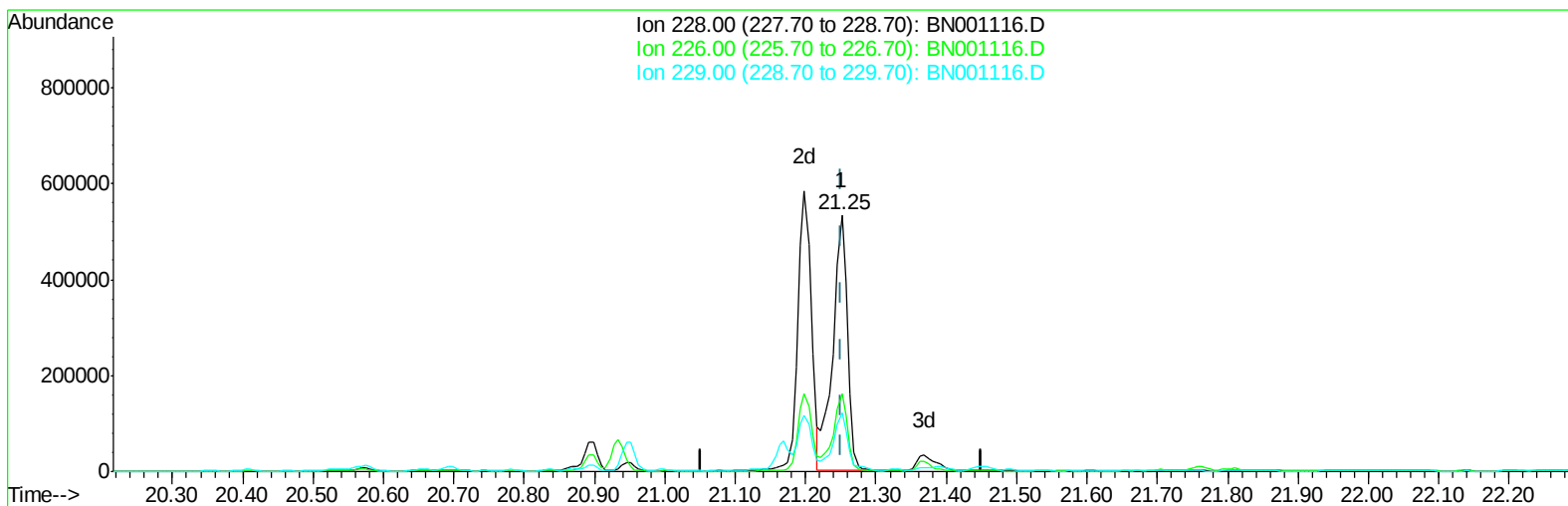
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001116.D
Acq On : 03 May 2018 20:21
Operator : JU/SJ
Sample : J2633-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA0

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:38 PM

Quant Time: May 04 08:06:17 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
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TIC: BN001116.D

(21) Chrysene

21.251min (+0.000) 36.35ng/ul

response 761501

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.27
229.00	19.80	22.79
0.00	0.00	0.00

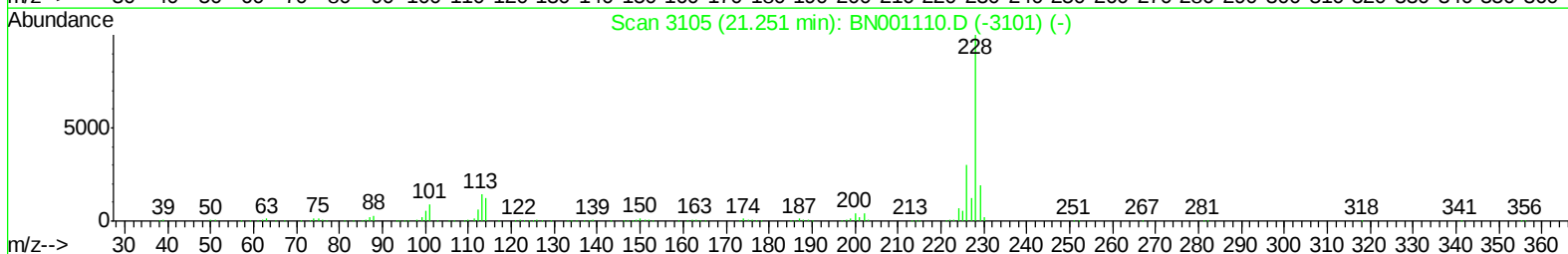
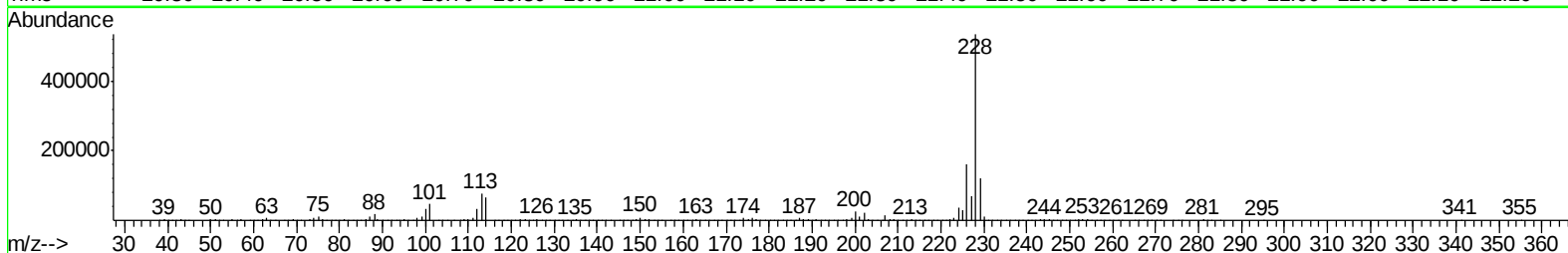
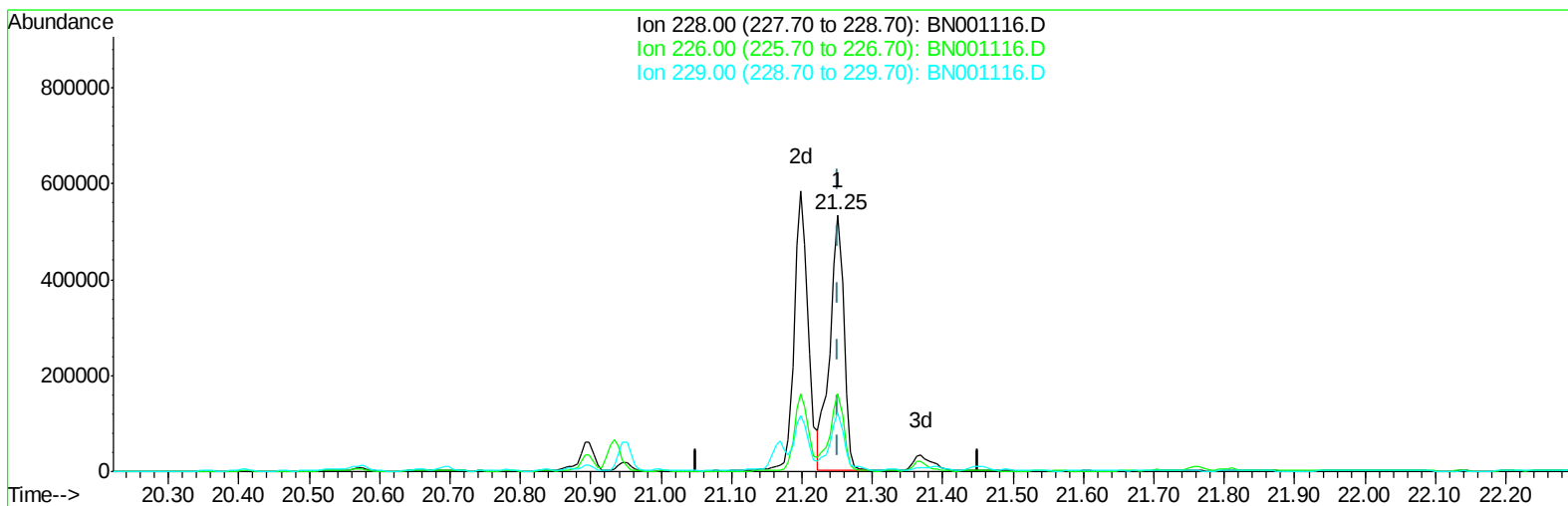
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001116.D
Acq On : 03 May 2018 20:21
Operator : JU/SJ
Sample : J2633-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA0

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:38 PM

Quant Time: May 04 08:06:17 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: BN001116.D

(21) Chrysene

21.251min (+0.000) 35.21ng/ul m

response 737570

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.27
229.00	19.80	22.79
0.00	0.00	0.00

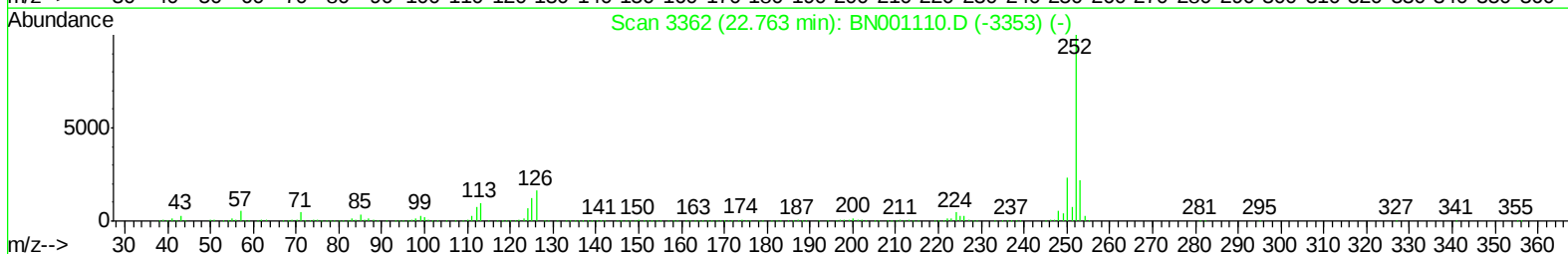
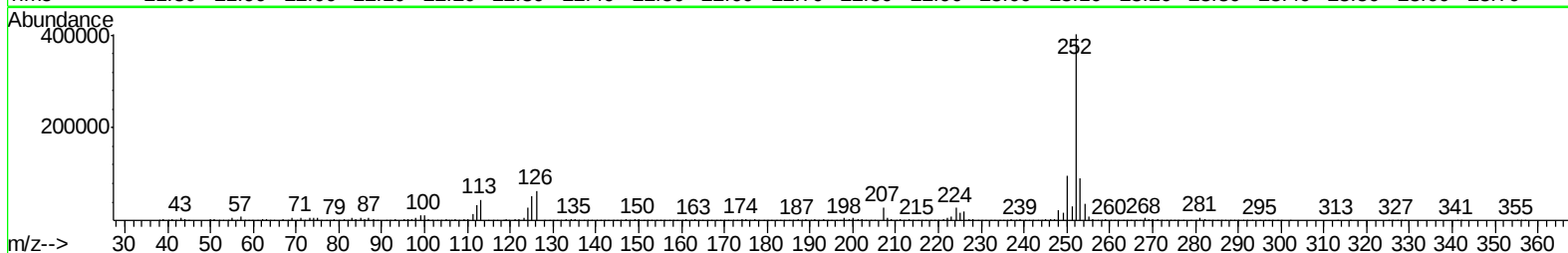
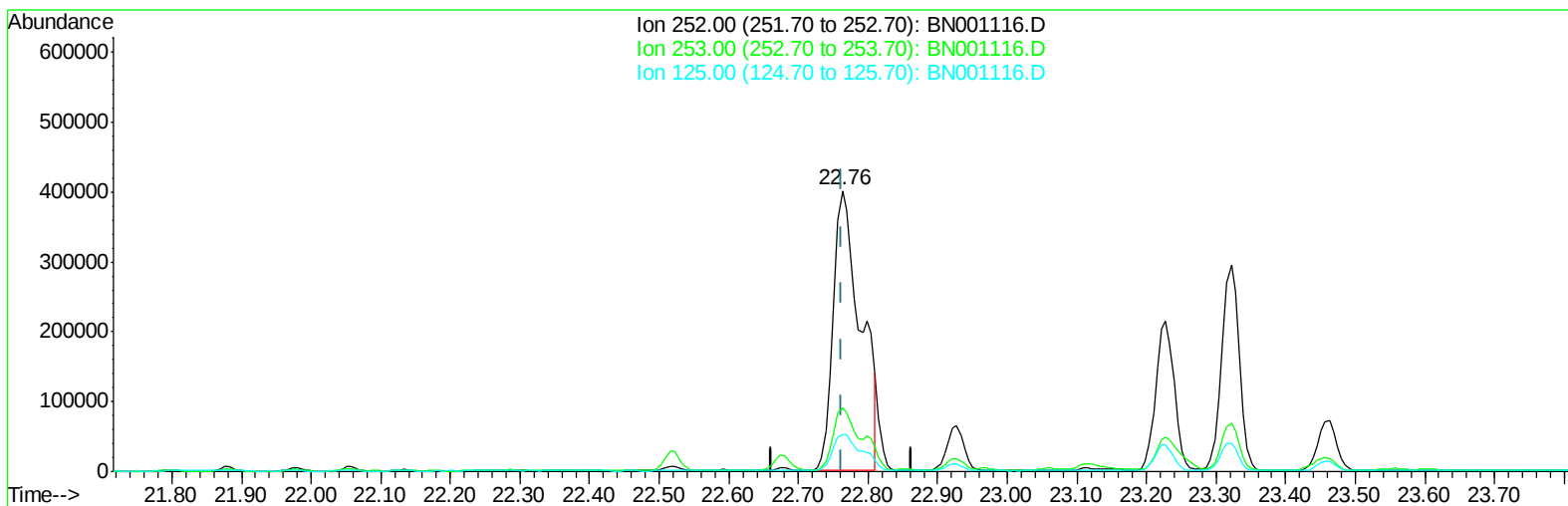
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001116.D
Acq On : 03 May 2018 20:21
Operator : JU/SJ
Sample : J2633-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA0

Manual Integrations
APPROVED

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Quant Time: May 04 08:06:17 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
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TIC: BN001116.D

(23) Benzo(b)fluoranthene

22.763min (+0.000) 46.61ng/ul

response 1093084

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.72
125.00	10.00	13.36#
0.00	0.00	0.00

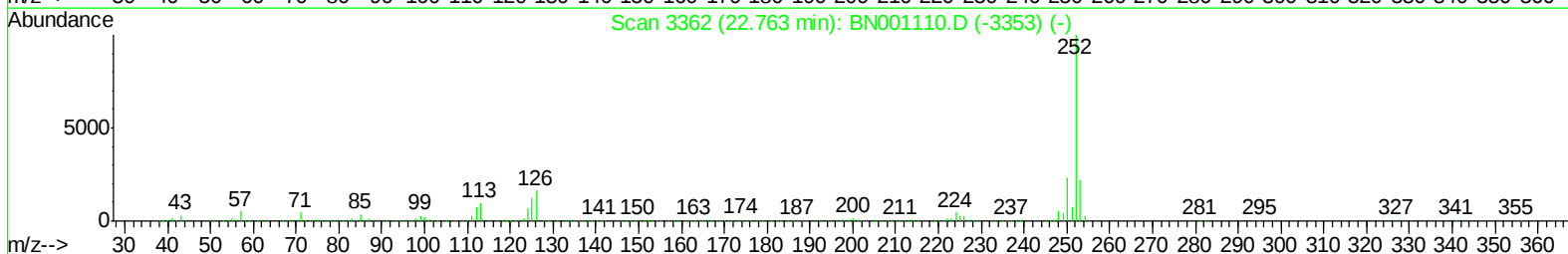
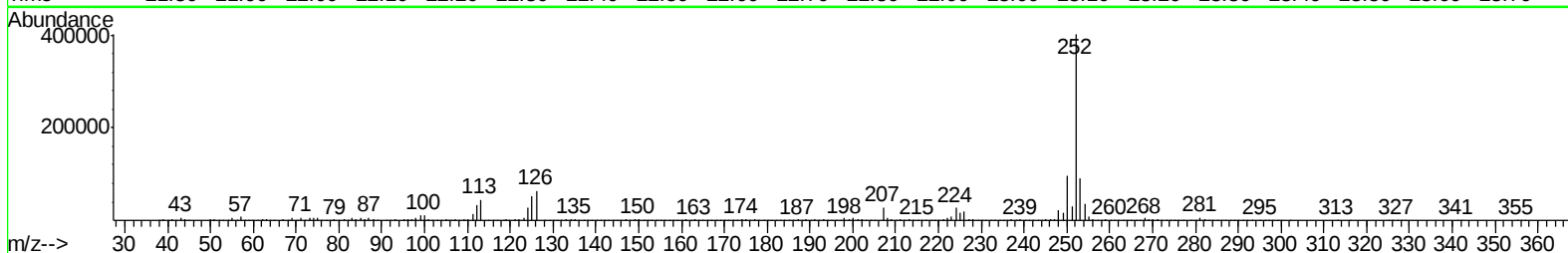
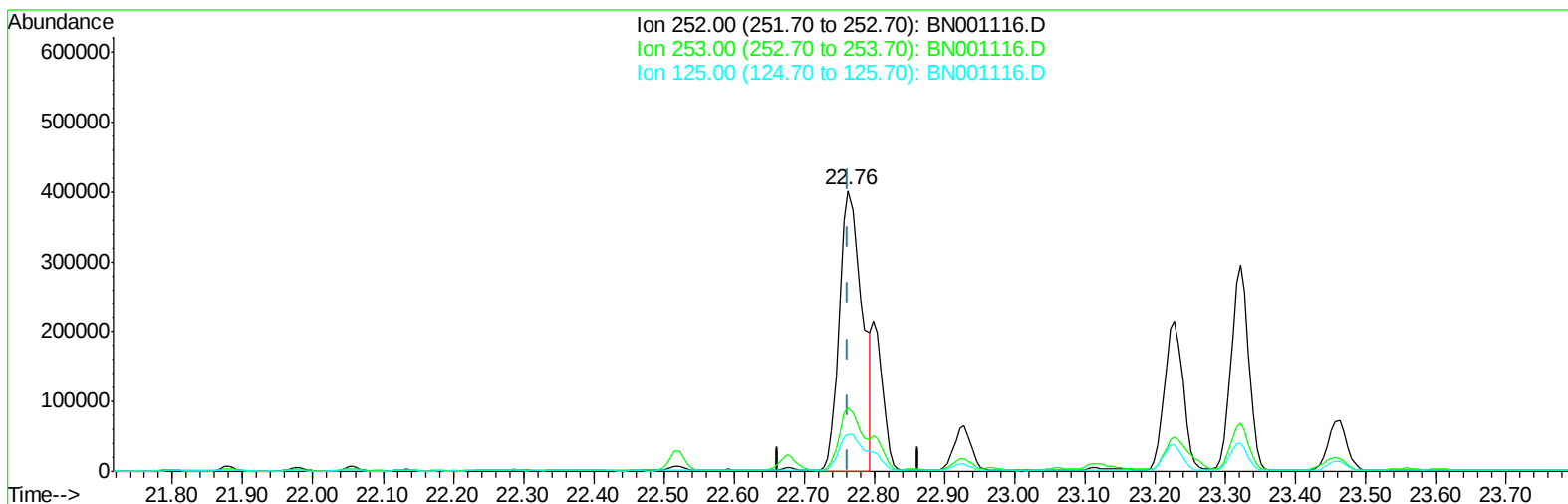
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001116.D
Acq On : 03 May 2018 20:21
Operator : JU/SJ
Sample : J2633-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA0

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:38 PM

Quant Time: May 04 08:06:17 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: BN001116.D

(23) Benzo(b)fluoranthene

22.763min (+0.000) 38.47ng/ul m

response 902220

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.72
125.00	10.00	13.36#
0.00	0.00	0.00

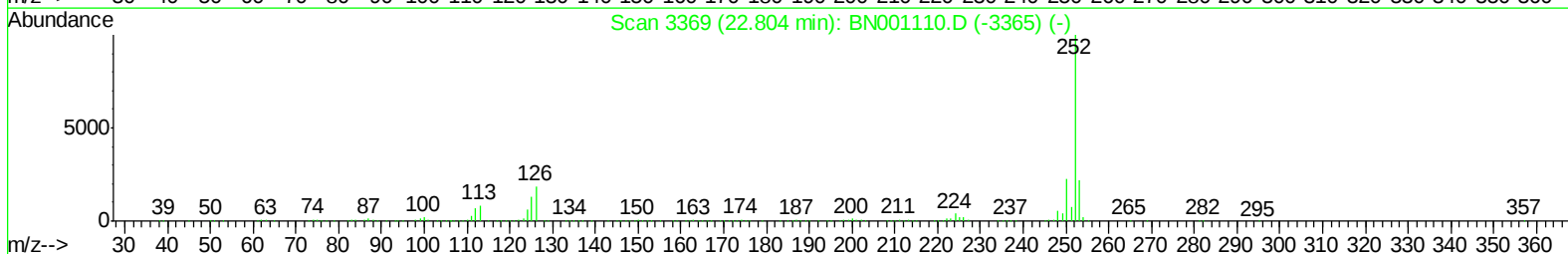
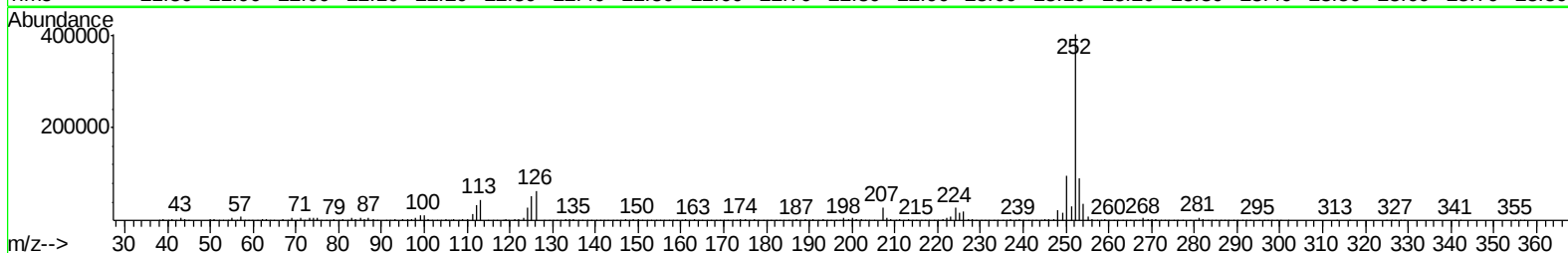
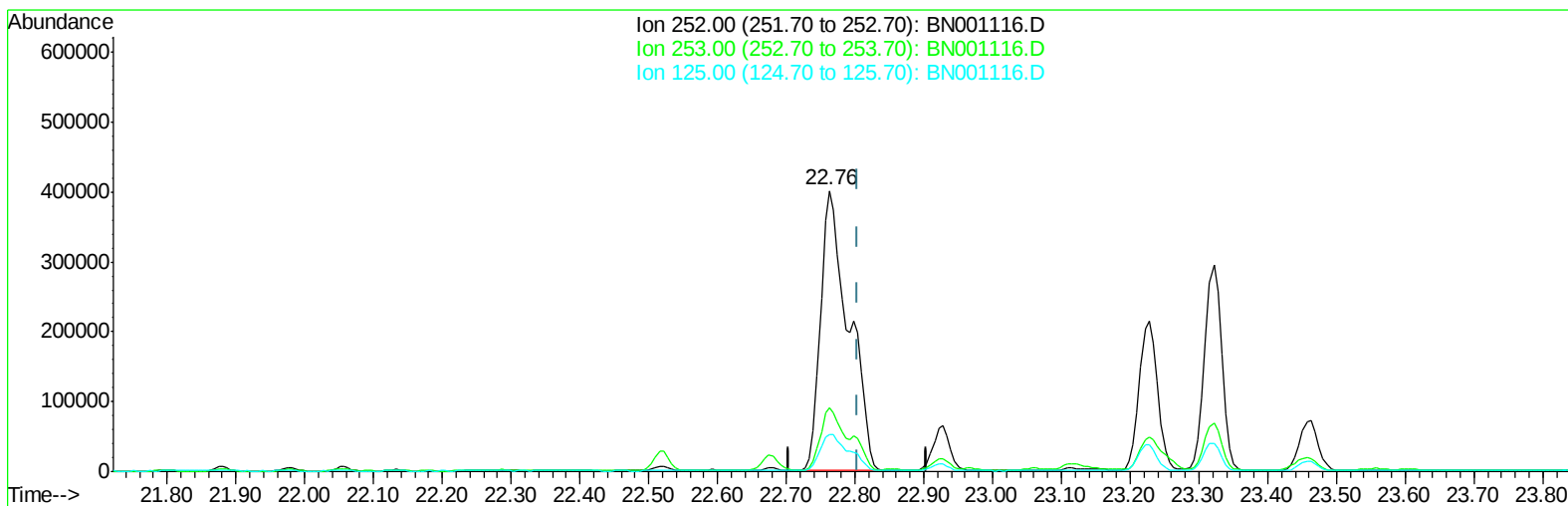
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001116.D
Acq On : 03 May 2018 20:21
Operator : JU/SJ
Sample : J2633-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA0

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:38 PM

Quant Time: May 04 08:06:17 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: BN001116.D

(24) Benzo(k)fluoranthene

22.763min (-0.041) 49.22ng/ul

response 1129529

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.72
125.00	10.10	13.36#
0.00	0.00	0.00

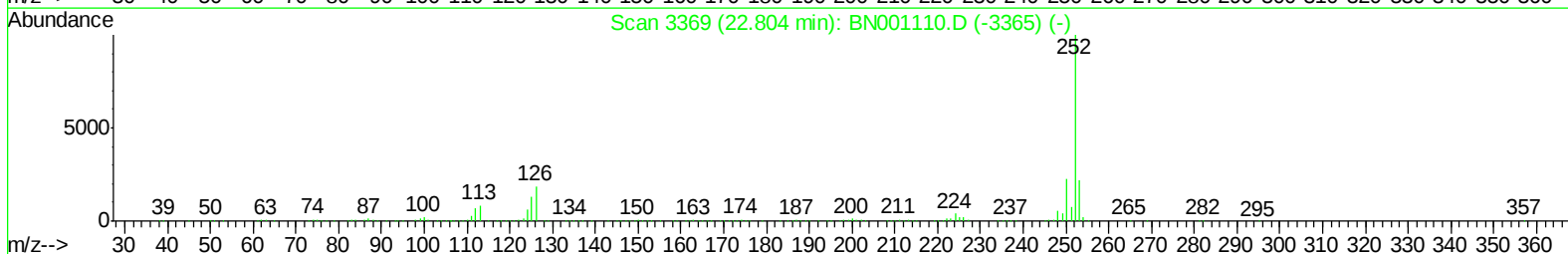
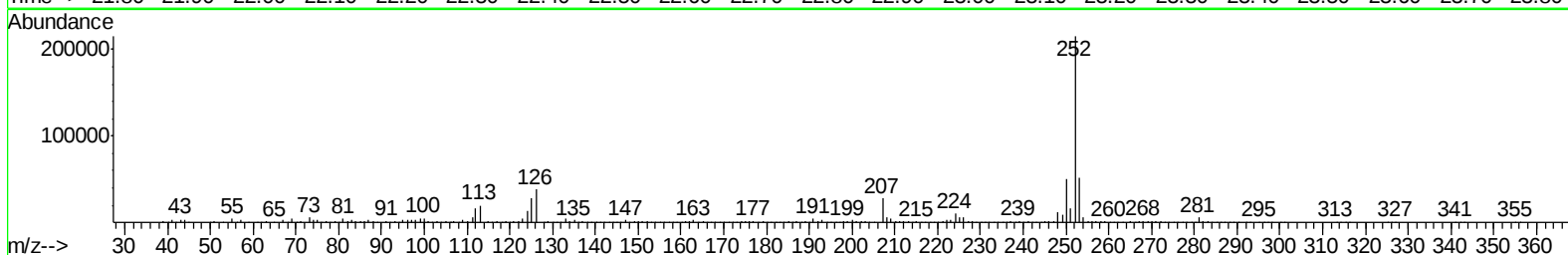
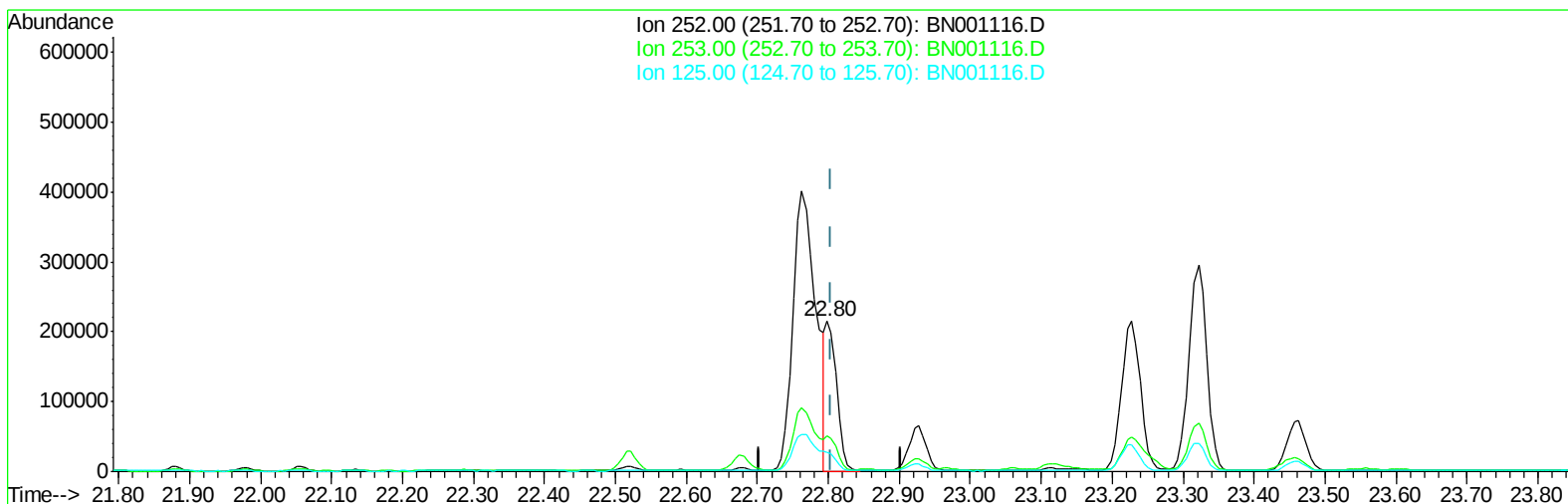
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001116.D
Acq On : 03 May 2018 20:21
Operator : JU/SJ
Sample : J2633-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA0

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:38 PM

Quant Time: May 04 08:06:17 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: BN001116.D

(24) Benzo(k)fluoranthene

22.798min (-0.006) 10.34ng/ul m

response 237253

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.81
125.00	10.10	12.96#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
 Data File : BN001116.D
 Acq On : 03 May 2018 20:21
 Operator : JU/SJ
 Sample : J2633-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DASA0

Manual Integrations
 APPROVED

Sohil
 5/4/2018 1:33:38 PM

Quant Time: May 04 08:30:21 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	94855	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	383693	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	188442	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	378195	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	372850	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	412657	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	578801	31.98	ng/ul	0.00
10) Fluorene-d10	15.25	176	391253	32.39	ng/ul	0.00
14) Anthracene-d10	17.10	188	573489	33.16	ng/ul	0.00
18) Pyrene-d10	19.41	212	597956	31.30	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	688270	35.31	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	13.98	152	23737	1.325	ng/ul	98
9) Acenaphthene	14.32	153	30527	2.467	ng/ul	96
11) Fluorene	15.31	166	43403	3.294	ng/ul	91
13) Phenanthrene	17.05	178	1003912	48.670	ng/ul	99
15) Anthracene	17.14	178	232575	11.241	ng/ul	99
16) Fluoranthene	19.07	202	1795061	85.775	ng/ul#	92
19) Pyrene	19.44	202	1347207	56.254	ng/ul#	87
20) Benzo(a)anthracene	21.20	228	799868m	35.888	ng/ul	
21) Chrysene	21.25	228	737570m	35.209	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	902220m	38.472	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	237253m	10.339	ng/ul	
26) Benzo(a)pyrene	23.32	252	514151	22.941	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.60	276	338262	12.496	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.61	278	105846	4.691	ng/ul#	88
29) Benzo(g,h,i)perylene	26.27	276	318136	14.051	ng/ul#	93

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

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Sohil
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