

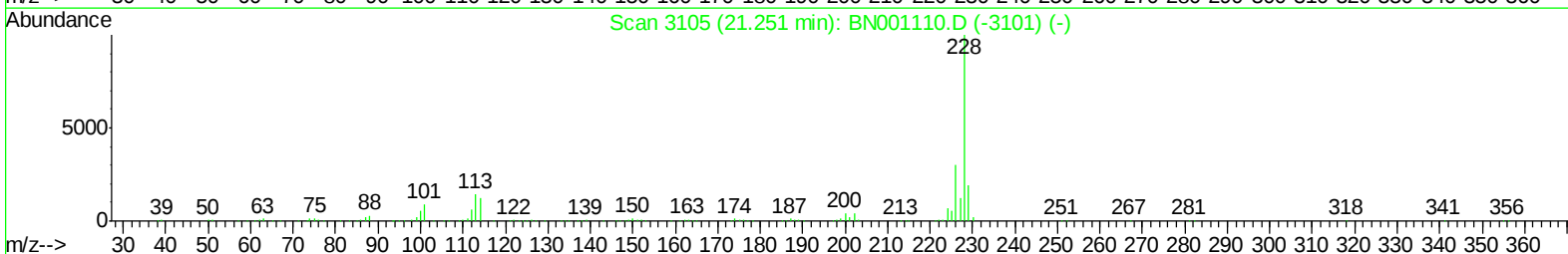
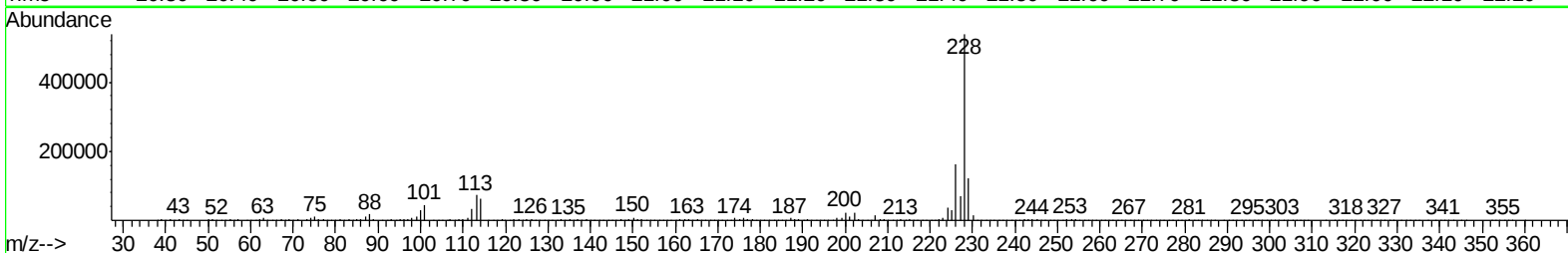
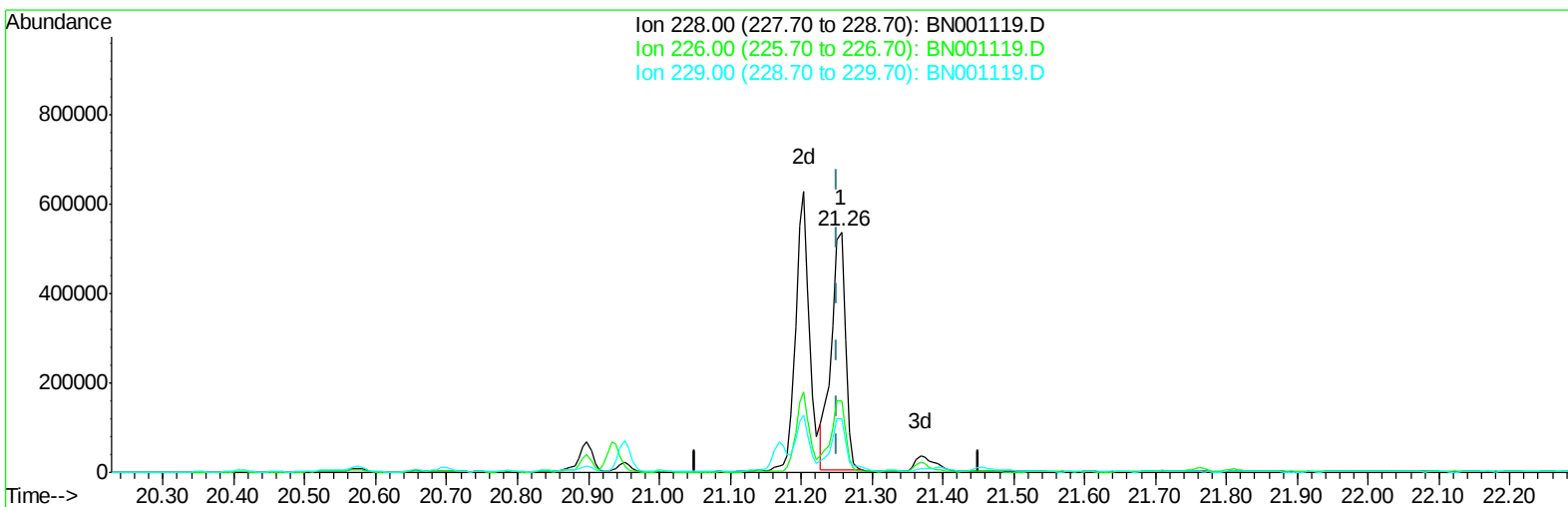
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001119.D
Acq On : 03 May 2018 22:07
Operator : JU/SJ
Sample : J2633-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS97

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:44 PM

Quant Time: May 04 08:06:56 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: BN001119.D

(21) Chrysene

21.257min (+0.006) 35.97ng/ul

response 737475

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.00
229.00	19.80	22.53
0.00	0.00	0.00

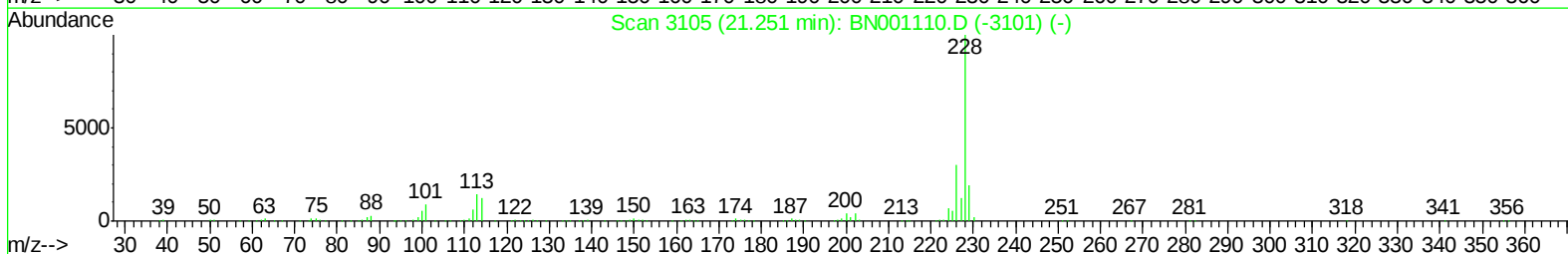
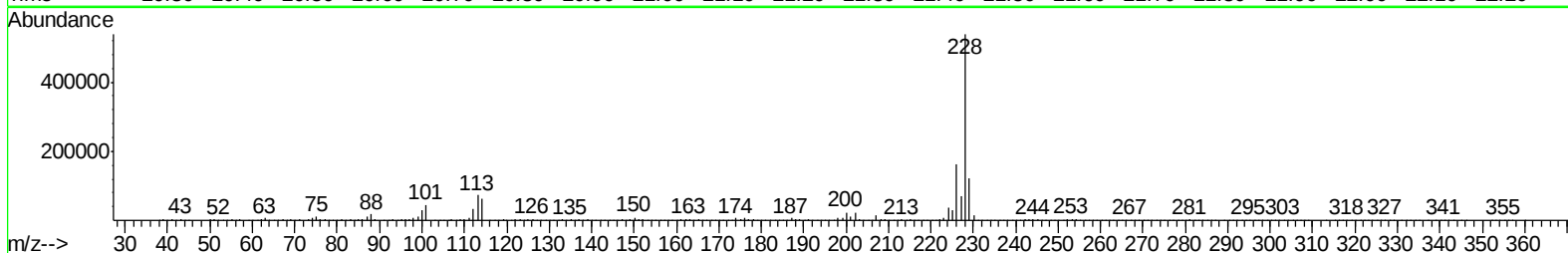
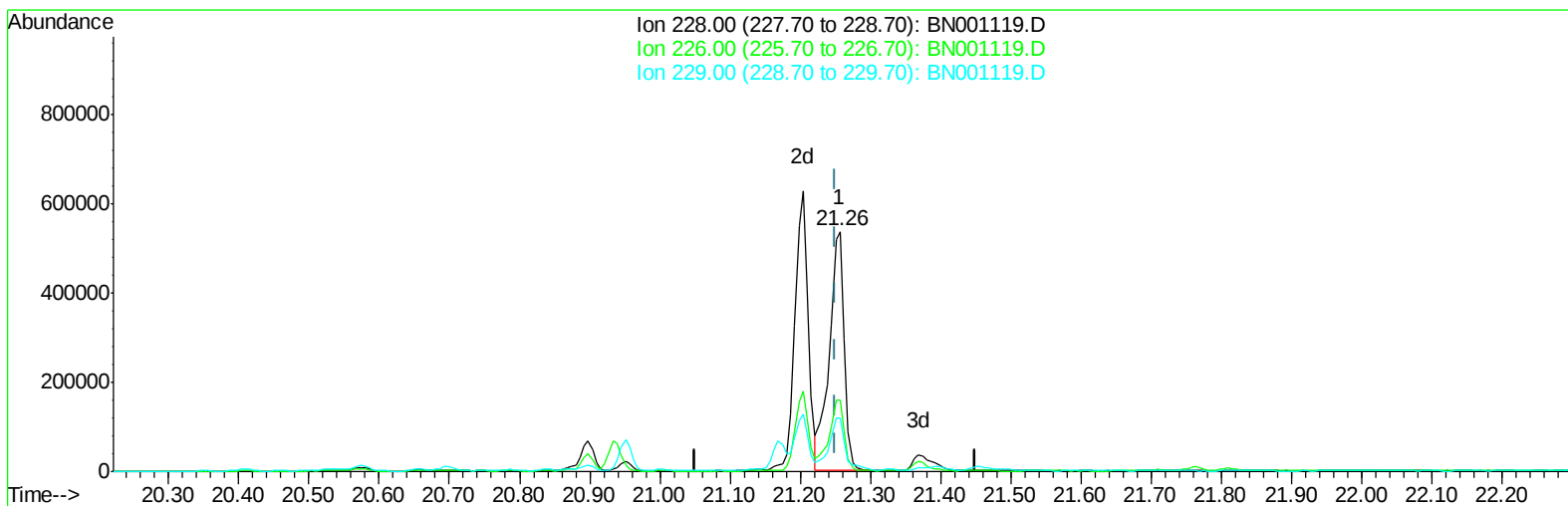
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001119.D
Acq On : 03 May 2018 22:07
Operator : JU/SJ
Sample : J2633-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
DAS97

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:44 PM

Quant Time: May 04 08:06:56 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: BN001119.D

(21) Chrysene

21.257min (+0.006) 38.54ng/ul m

response 790183

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.00
229.00	19.80	22.53
0.00	0.00	0.00

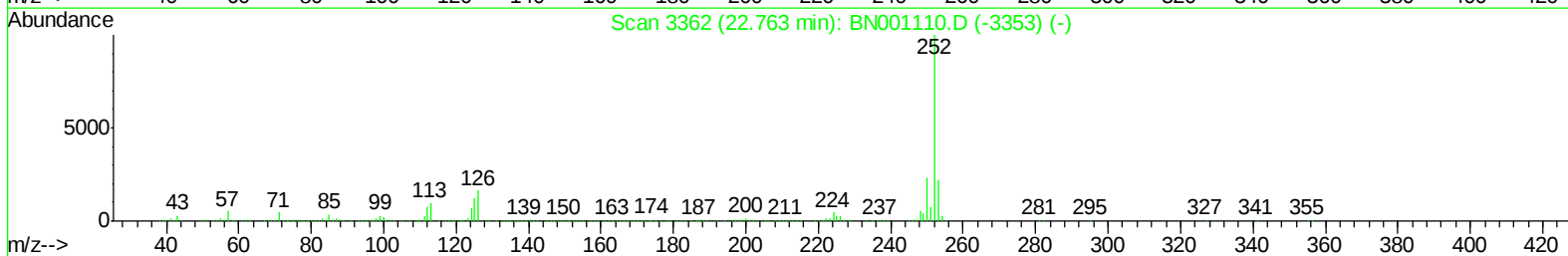
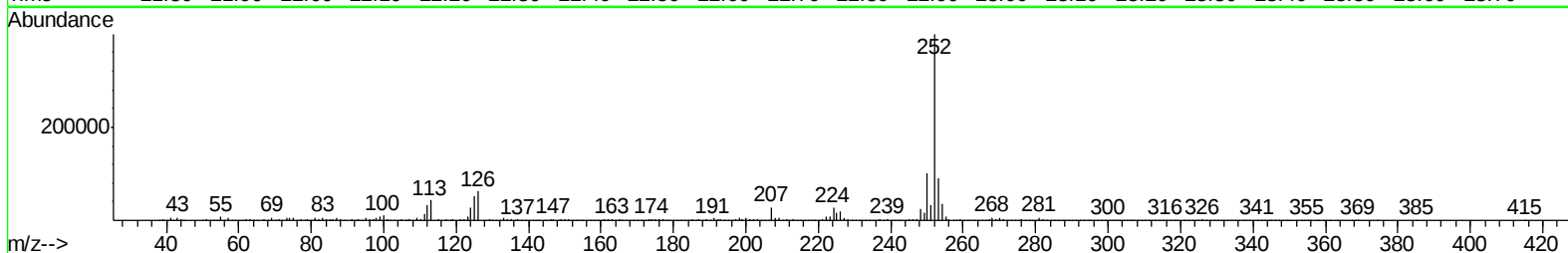
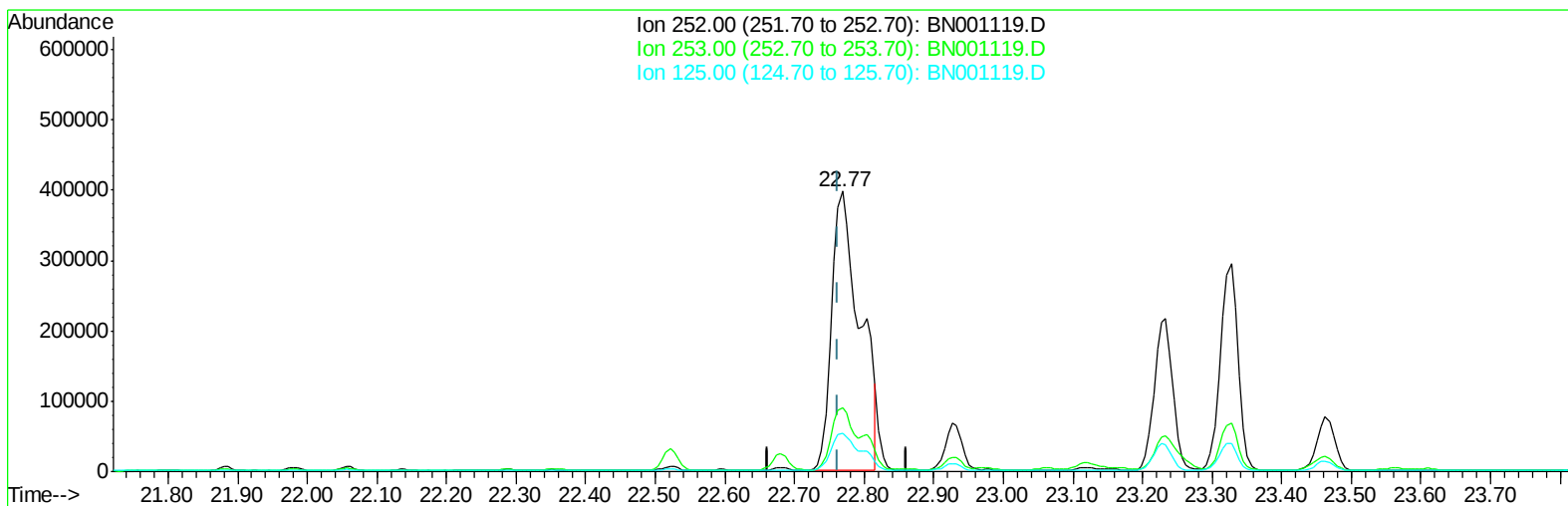
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001119.D
Acq On : 03 May 2018 22:07
Operator : JU/SJ
Sample : J2633-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS97

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:44 PM

Quant Time: May 04 08:06:56 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: BN001119.D

(23) Benzo(b)fluoranthene

22.768min (+0.006) 46.95ng/ul

response 1112872

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.77
125.00	10.00	13.44#
0.00	0.00	0.00

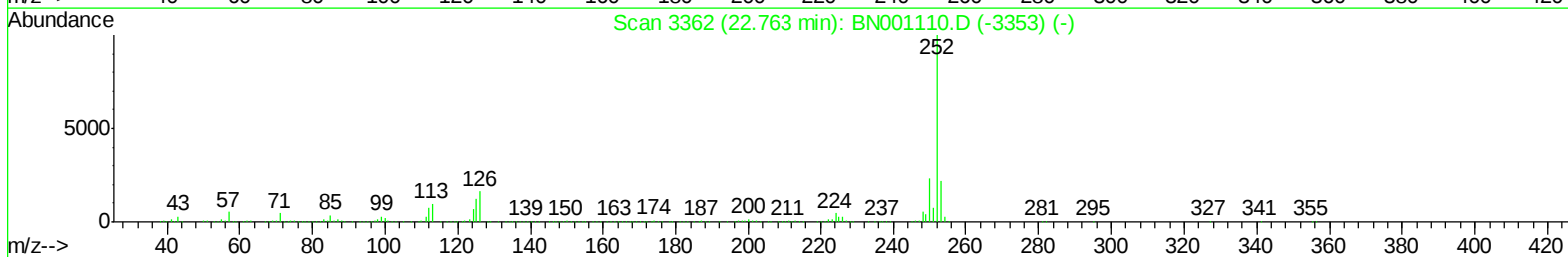
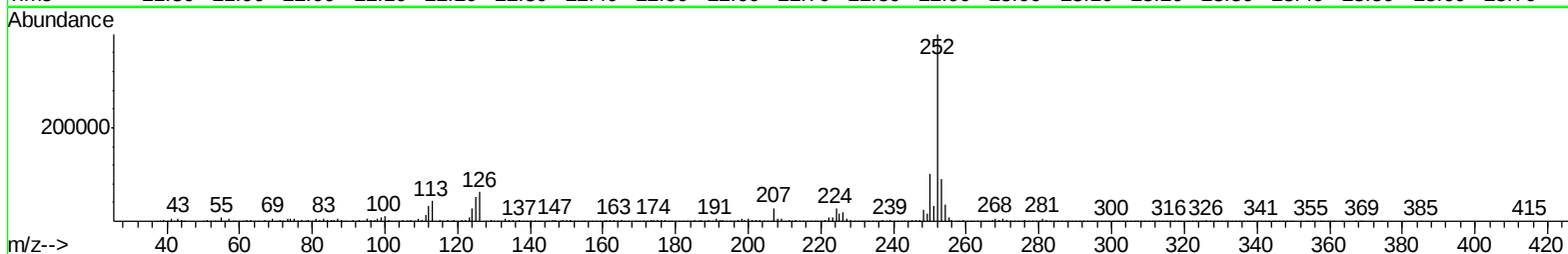
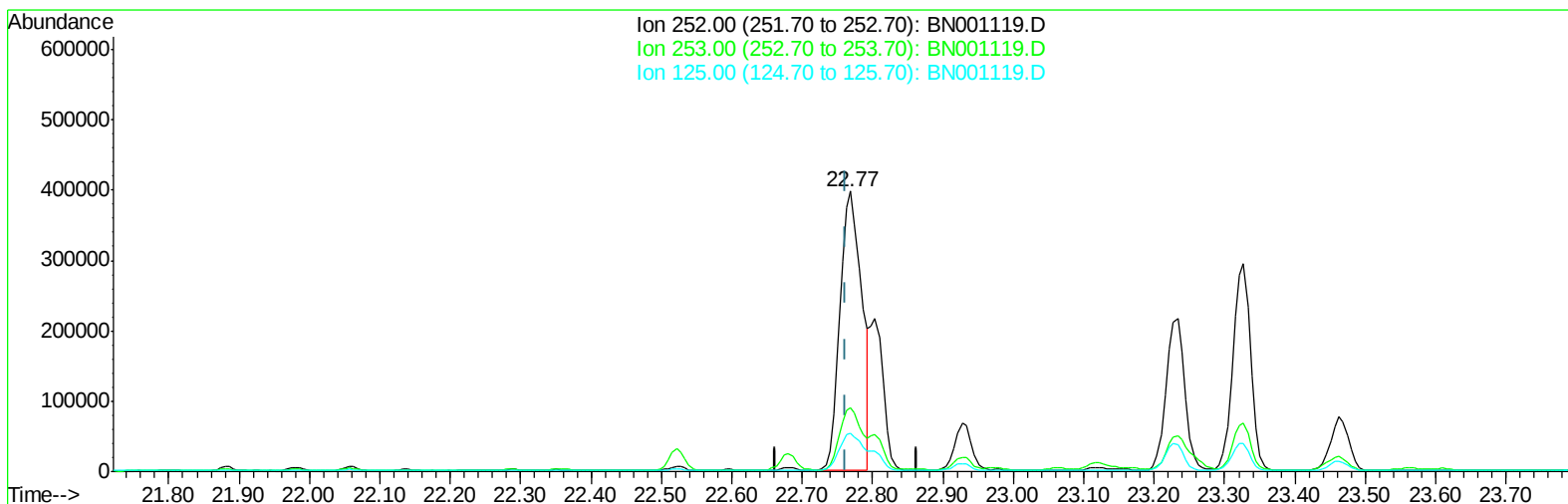
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001119.D
Acq On : 03 May 2018 22:07
Operator : JU/SJ
Sample : J2633-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS97

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:44 PM

Quant Time: May 04 08:06:56 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: BN001119.D

(23) Benzo(b)fluoranthene

22.768min (+0.006) 36.13ng/ul m

response 856264

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.77
125.00	10.00	13.44#
0.00	0.00	0.00

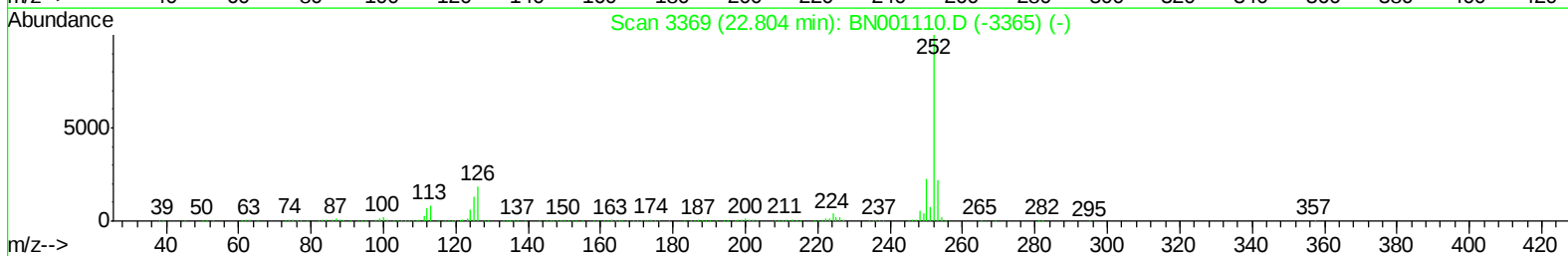
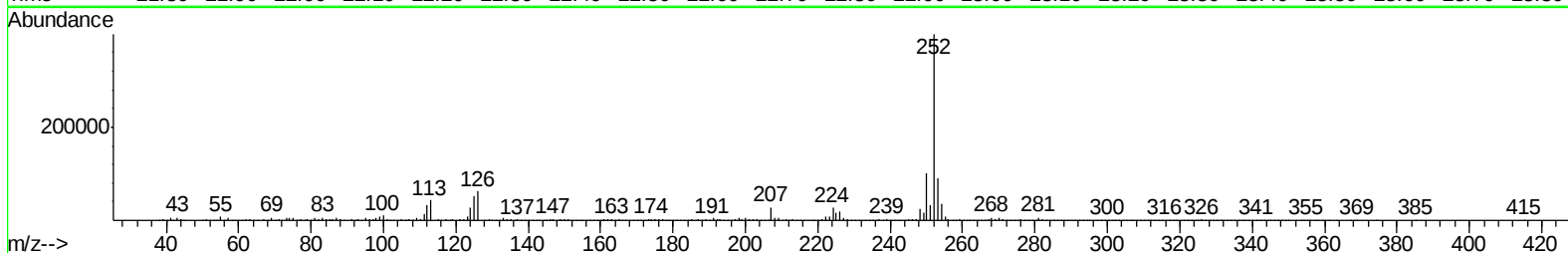
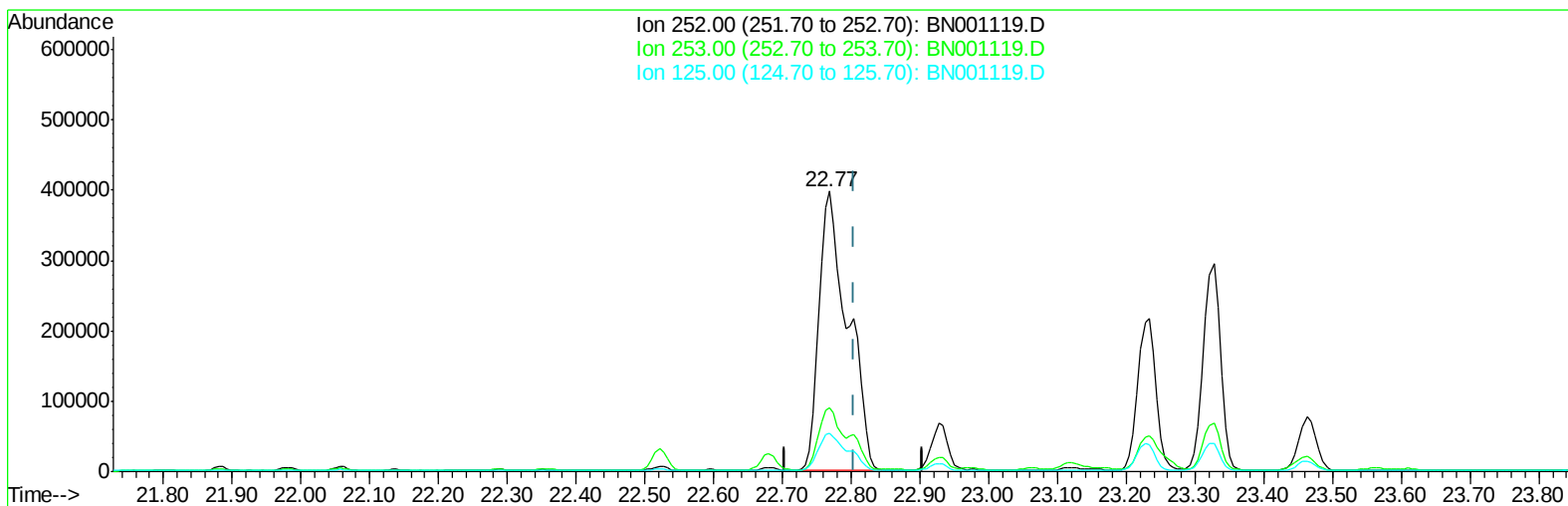
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001119.D
Acq On : 03 May 2018 22:07
Operator : JU/SJ
Sample : J2633-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS97

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:44 PM

Quant Time: May 04 08:06:56 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: BN001119.D

(24) Benzo(k)fluoranthene

22.768min (-0.036) 49.04ng/ul

response 1137369

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.77
125.00	10.10	13.44#
0.00	0.00	0.00

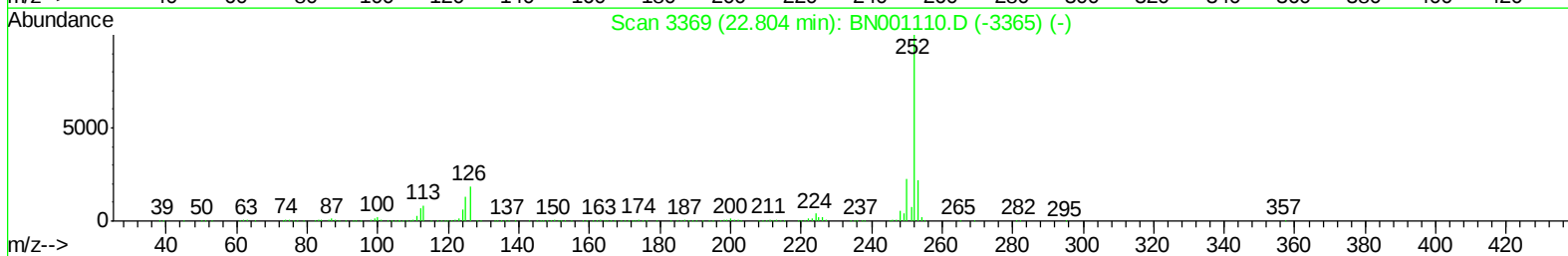
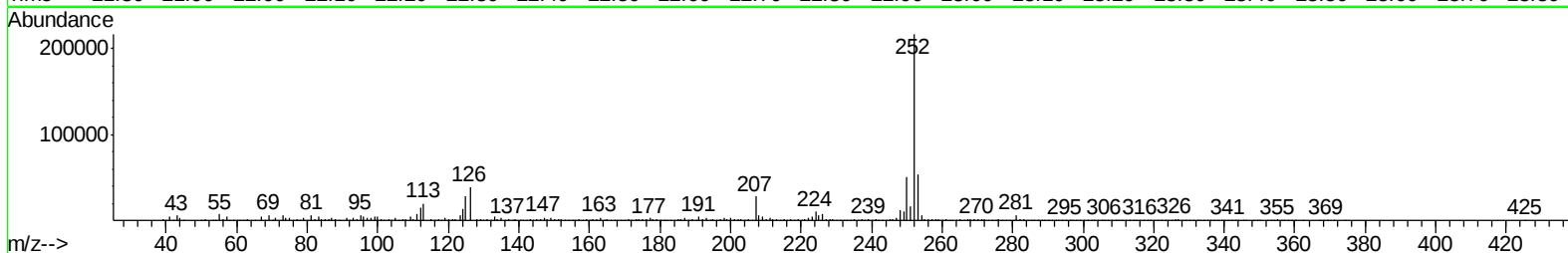
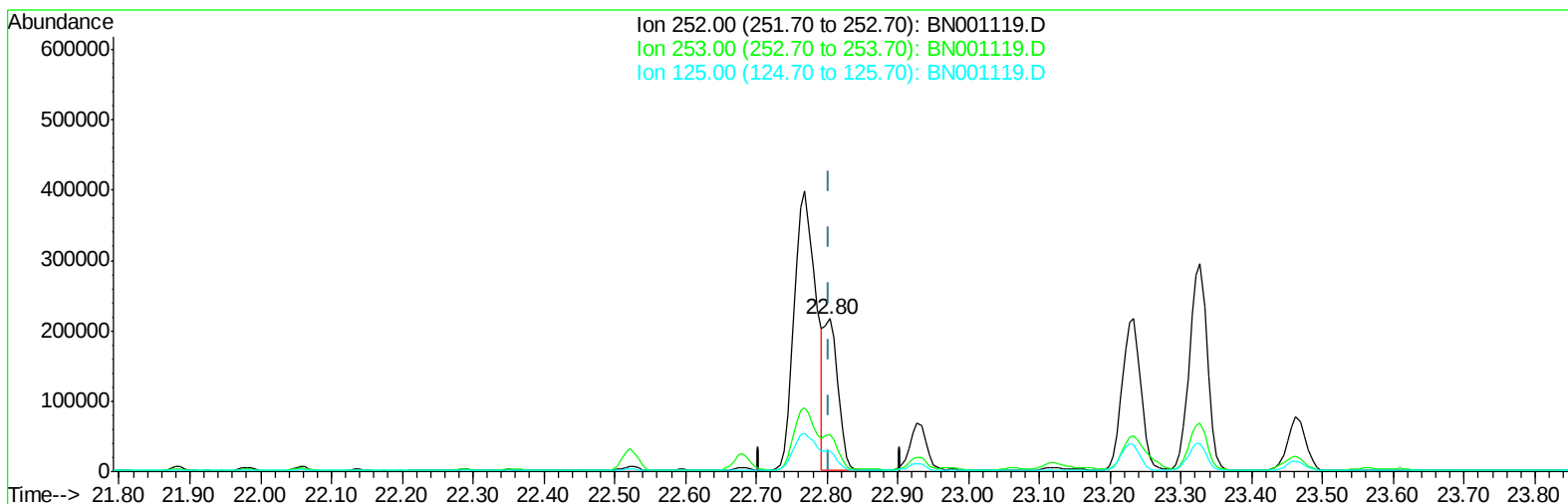
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001119.D
Acq On : 03 May 2018 22:07
Operator : JU/SJ
Sample : J2633-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS97

Manual Integrations
APPROVED

Sohil
5/4/2018 1:33:44 PM

Quant Time: May 04 08:06:56 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: BN001119.D

(24) Benzo(k)fluoranthene

22.804min (-0.000) 12.41ng/ul m

response 287872

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.52
125.00	10.10	13.19#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
 Data File : BN001119.D
 Acq On : 03 May 2018 22:07
 Operator : JU/SJ
 Sample : J2633-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS97

Manual Integrations
 APPROVED

Sohil
 5/4/2018 1:33:44 PM

Quant Time: May 04 08:38:37 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	119659	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	495711	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	230881	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	404781	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	364892	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	417045	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	514172	23.19	ng/ul	0.00
10) Fluorene-d10	15.25	176	334331	22.59	ng/ul	0.00
14) Anthracene-d10	17.10	188	444253	24.00	ng/ul	0.00
18) Pyrene-d10	19.41	212	429977	23.00	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	496351	25.20	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	13.97	152	36124	1.646	ng/ul	98
9) Acenaphthene	14.32	153	35850	2.364	ng/ul	94
11) Fluorene	15.31	166	63535	3.936	ng/ul	96
13) Phenanthrene	17.05	178	1214771	55.024	ng/ul	99
15) Anthracene	17.14	178	333875	15.078	ng/ul	99
16) Fluoranthene	19.08	202	1966952	87.815	ng/ul#	93
19) Pyrene	19.45	202	1440039	61.441	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	823212	37.741	ng/ul	97
21) Chrysene	21.26	228	790183m	38.543	ng/ul	
23) Benzo(b)fluoranthene	22.77	252	856264m	36.128	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	287872m	12.413	ng/ul	
26) Benzo(a)pyrene	23.33	252	517517	22.848	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.61	276	335917	12.279	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.61	278	104448	4.581	ng/ul#	77
29) Benzo(g,h,i)perylene	26.29	276	305828	13.366	ng/ul#	94

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

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Manual Integrations
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