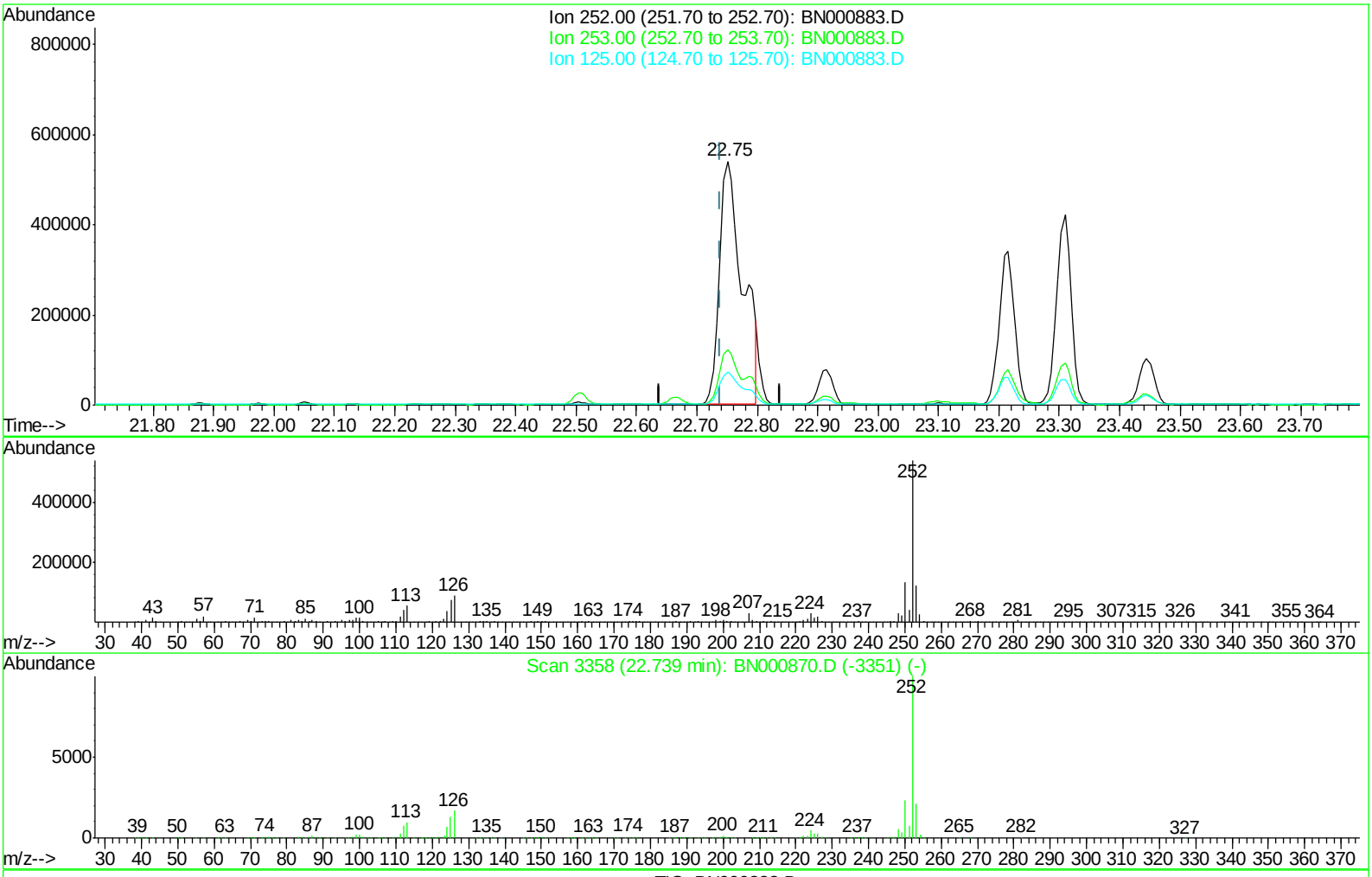
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000883.D
Acq On : 25 Apr 2018 10:07
Operator : JU/SJ
Sample : J2444-12
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Apr 25 11:07:03 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 08:30:17 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DART1

Manual Integrations APPROVED
Sohil
4/25/2018 4:37:12 PM



TIC: BN000883.D

(23) Benzo(b)fluoranthene

22.750min (+0.011) 36.57ng/ul

response 1429307

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.58
125.00	10.00	13.43#
0.00	0.00	0.00

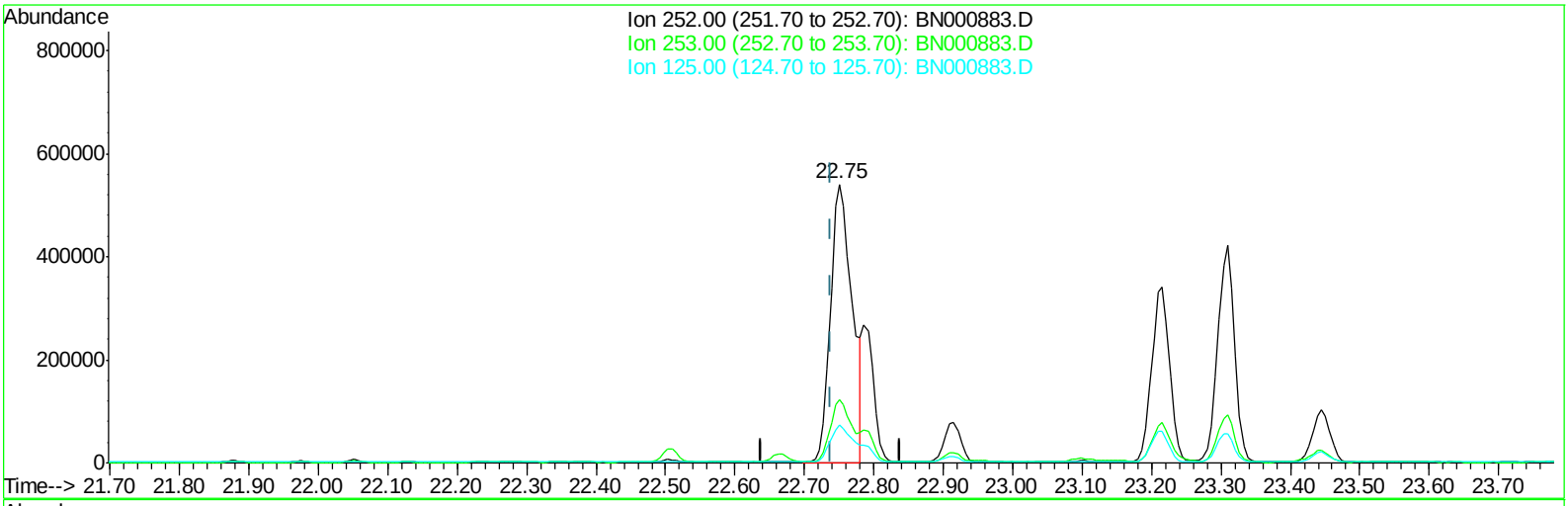
Quantitation Report (Qedit)

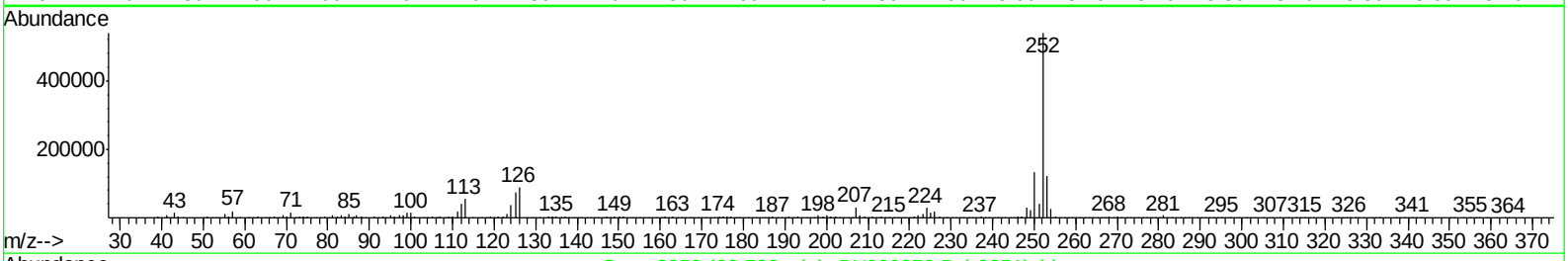
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000883.D
Acq On : 25 Apr 2018 10:07
Operator : JU/SJ
Sample : J2444-12
Misc :
ALS Vial : 42 Sample Multiplier: 1

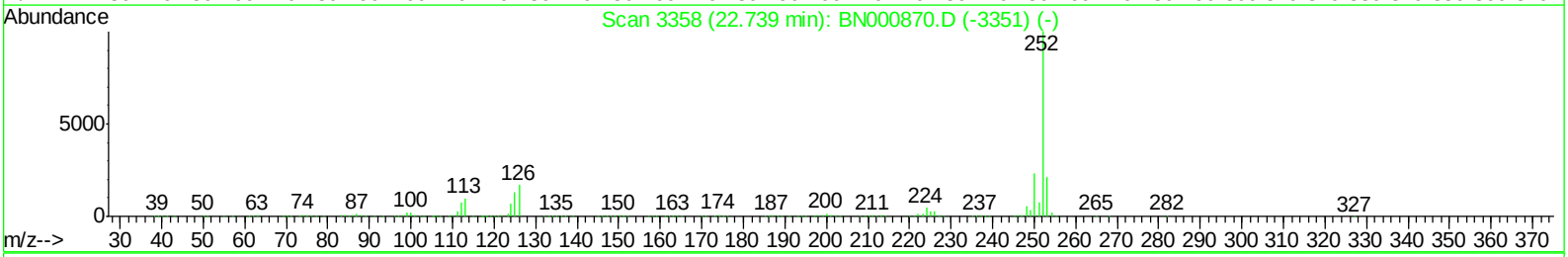
Quant Time: Apr 25 11:07:03 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 08:30:17 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DART1

Manual Integrations APPROVED
Sohil
4/25/2018 4:37:12 PM







TIC: BN000883.D

(23) Benzo(b)fluoranthene

22.750min (+0.011) 30.38ng/ul m

response 1187559

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.58
125.00	10.00	13.43#
0.00	0.00	0.00

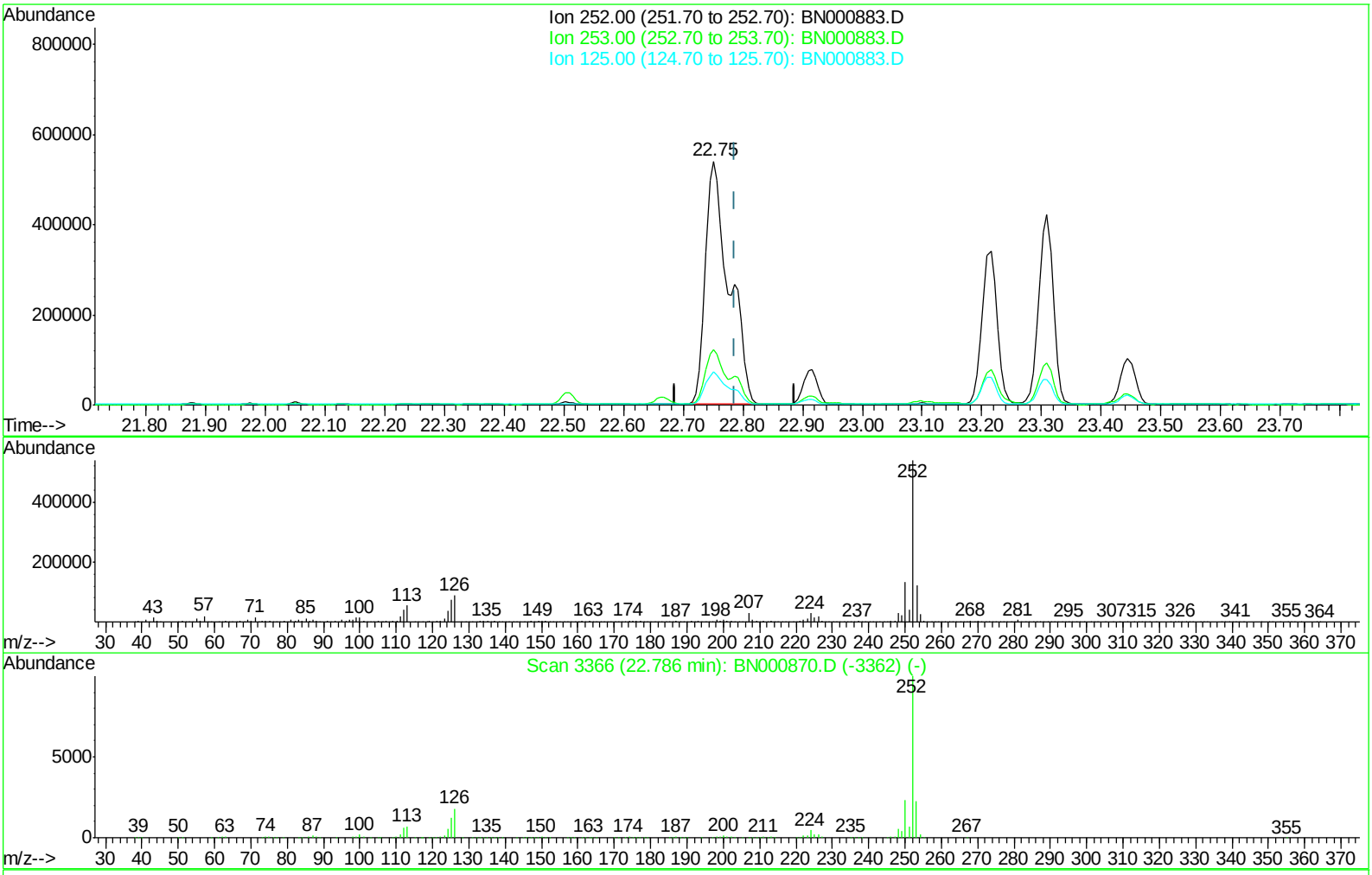
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000883.D
Acq On : 25 Apr 2018 10:07
Operator : JU/SJ
Sample : J2444-12
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Apr 25 11:07:03 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 08:30:17 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DART1

Manual Integrations APPROVED
Sohil
4/25/2018 4:37:12 PM



TIC: BN000883.D

(24) Benzo(k)fluoranthene

22.750min (-0.036) 38.45ng/ul

response 1470602

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.58
125.00	10.10	13.43#
0.00	0.00	0.00

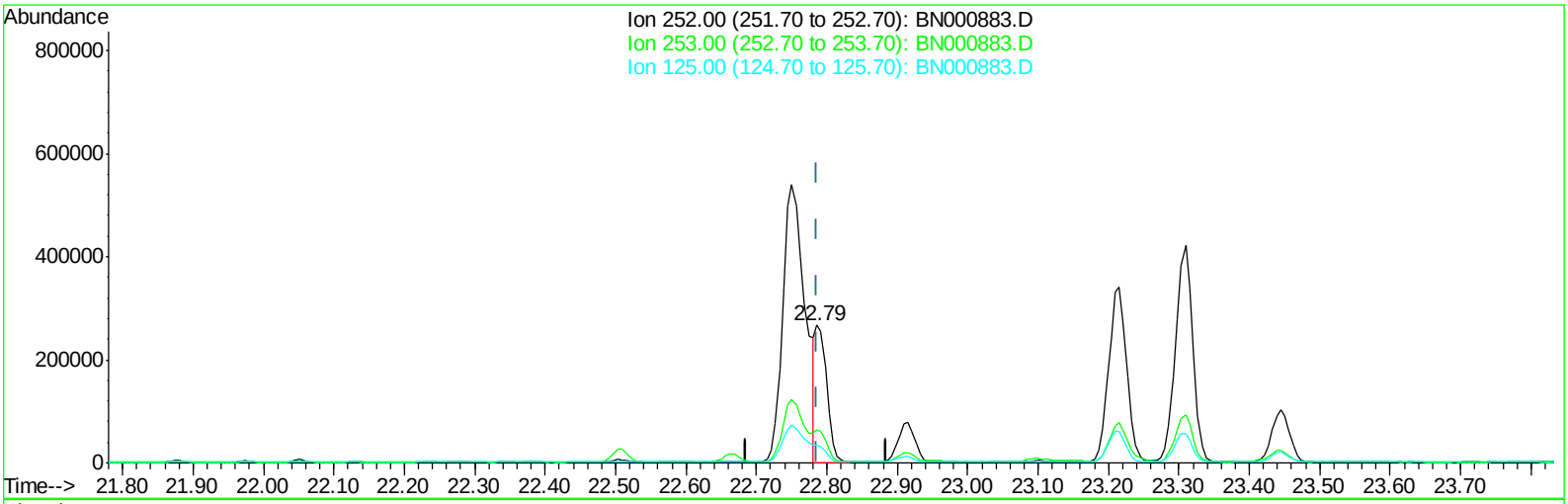
Quantitation Report (Qedit)

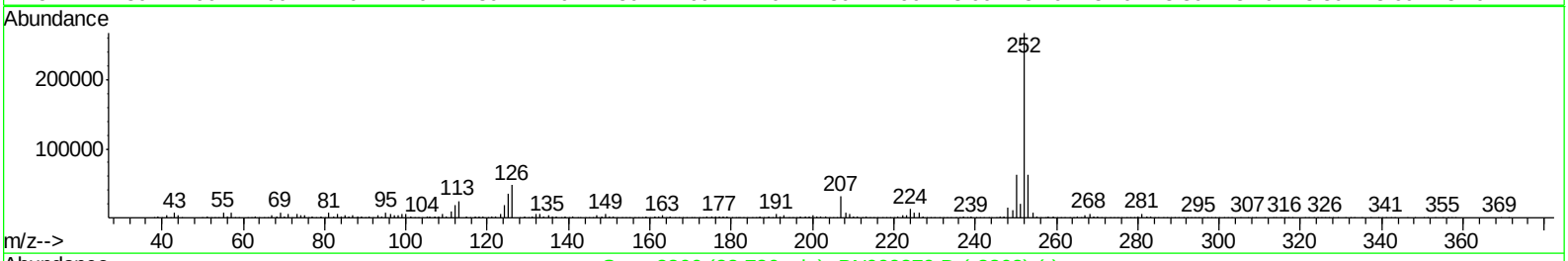
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000883.D
Acq On : 25 Apr 2018 10:07
Operator : JU/SJ
Sample : J2444-12
Misc :
ALS Vial : 42 Sample Multiplier: 1

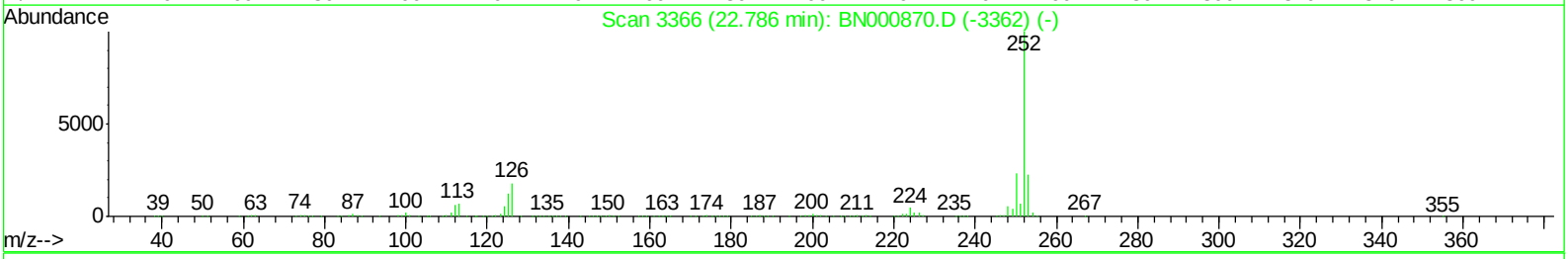
Quant Time: Apr 25 11:07:03 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 08:30:17 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DART1

Manual Integrations APPROVED
Sohil
4/25/2018 4:37:12 PM







TIC: BN000883.D

(24) Benzo(k)fluoranthene

22.786min (-0.000) 7.96ng/ul m

response 304416

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.47
125.00	10.10	13.08#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000883.D
Acq On : 25 Apr 2018 10:07
Operator : JU/SJ
Sample : J2444-12
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DART1

Manual Integrations APPROVED
Sohil
4/25/2018 4:37:12 PM

Quant Time: Apr 25 11:22:00 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 08:30:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	173903	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	736161	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	363309	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	704565	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	638715	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	687779	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	1025677	29.40	ng/ul	0.00
10) Fluorene-d10	15.25	176	698348	29.99	ng/ul	0.00
14) Anthracene-d10	17.10	188	980309	30.43	ng/ul	0.00
18) Pyrene-d10	19.40	212	988832	30.21	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1066764	32.83	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	10.43	128	43556	1.174	ng/ul	98
4) 2-Methylnaphthalene	12.05	142	24987	1.009	ng/ul	100
13) Phenanthrene	17.04	178	188498	4.905	ng/ul	99
15) Anthracene	17.13	178	54856	1.423	ng/ul	99
16) Fluoranthene	19.07	202	605797	15.538	ng/ul	95
19) Pyrene	19.43	202	558423	13.612	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	535583	14.028	ng/ul	96
21) Chrysene	21.24	228	577940	16.105	ng/ul	99
23) Benzo(b)fluoranthene	22.75	252	1187559m	30.383	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	304416m	7.959	ng/ul	
26) Benzo(a)pyrene	23.31	252	711832	19.056	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.57	276	640722	14.201	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.57	278	181946	4.839	ng/ul#	83
29) Benzo(g,h,i)perylene	26.24	276	602586	15.969	ng/ul#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000883.D
Acq On : 25 Apr 2018 10:07
Operator : JU/SJ
Sample : J2444-12
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Apr 25 11:22:00 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 08:30:17 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DART1

Manual Integrations APPROVED
Sohil
4/25/2018 4:37:12 PM