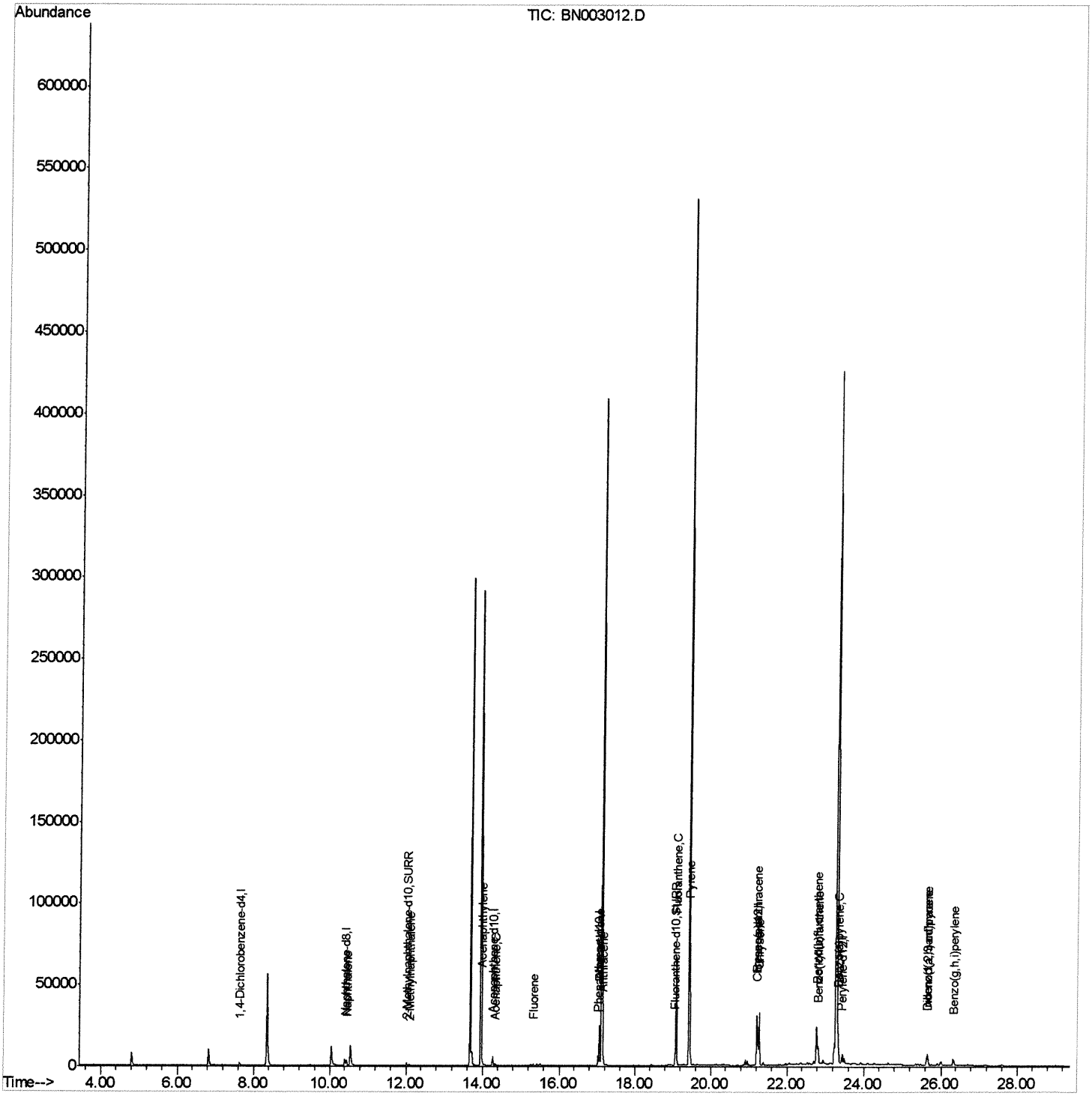
Quantitation Report (QT Reviewed)

Instrument : BNA_N
ClientSampleId : JLC56

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 09 09:04:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration



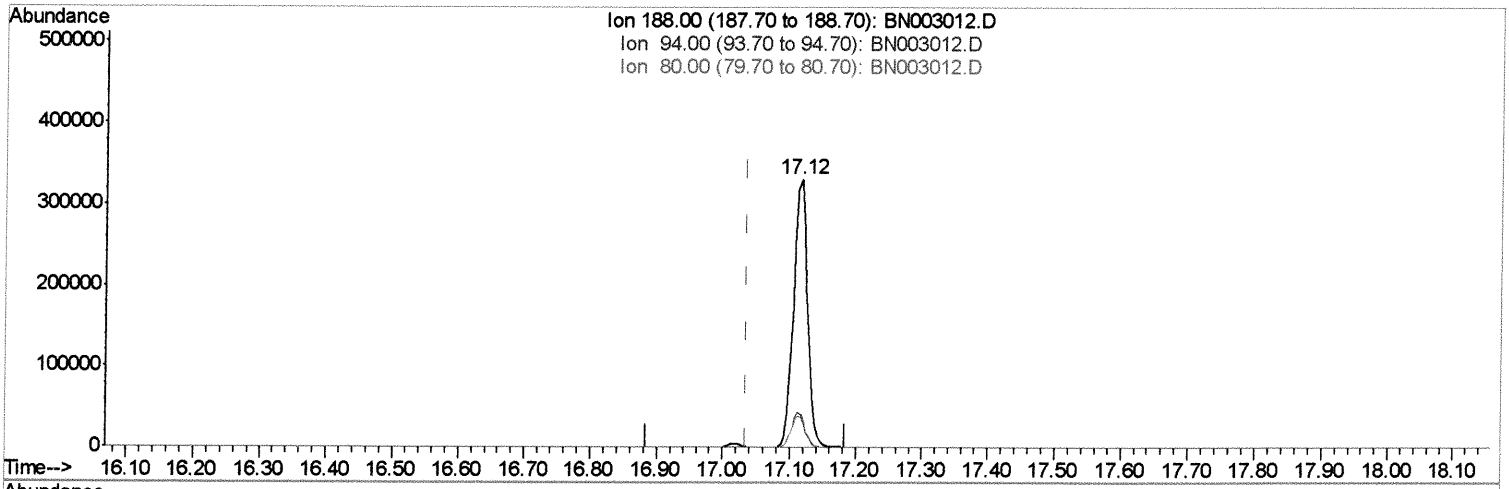
Quantitation Report (Qedit)

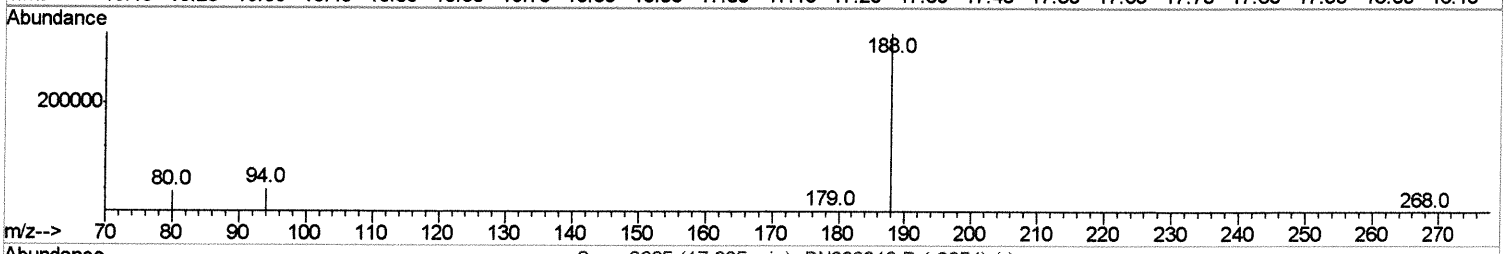
Instrument : BNA_N
ClientSampleId : JLC56

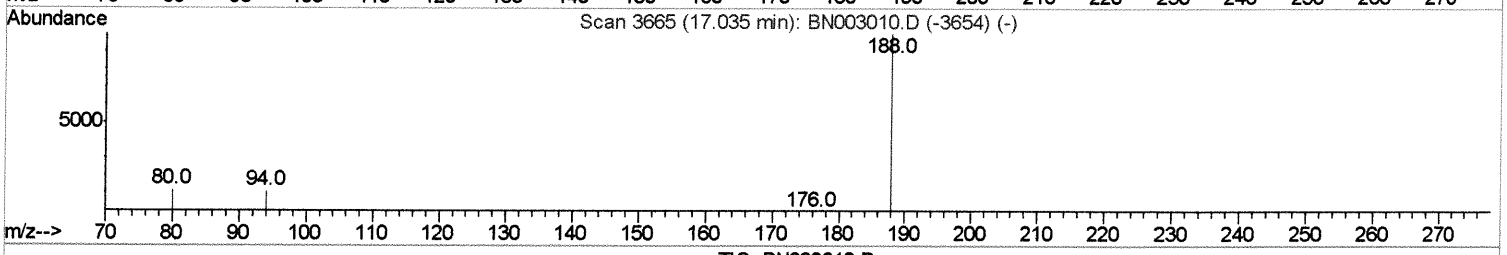
Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 09 08:57:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration







TIC: BN003012.D

(10) Phenanthrene-d10 (I)

17.116min (+0.080) 0.40ng/ul

response 484763

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	12.49
80.00	12.70	11.28
0.00	0.00	0.00

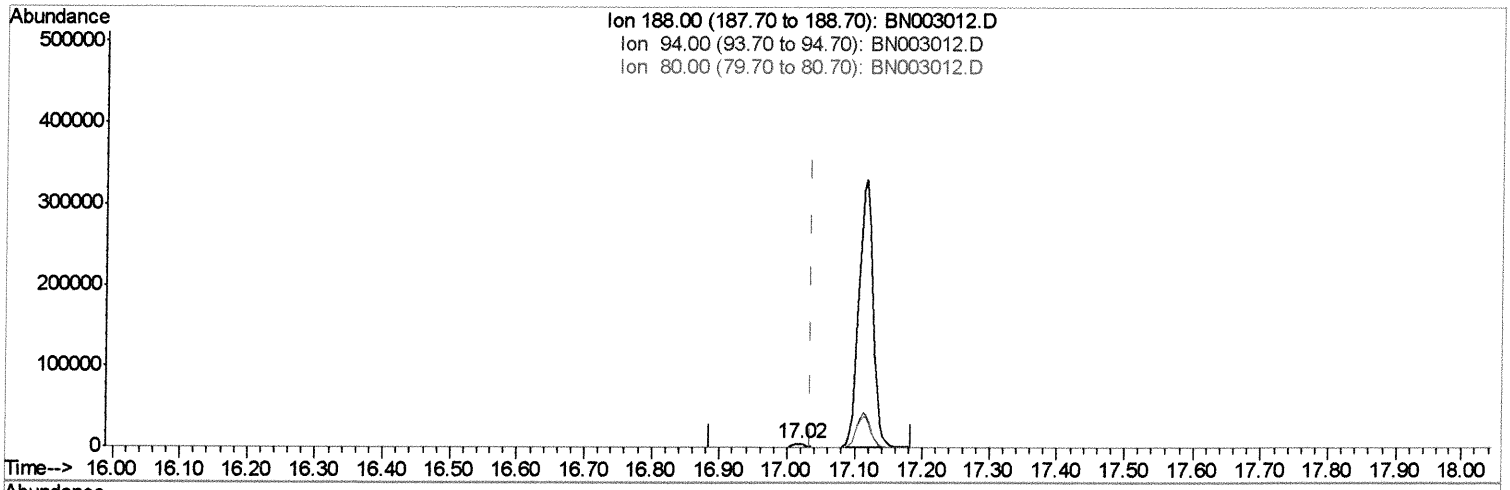
Quantitation Report (Qedit)

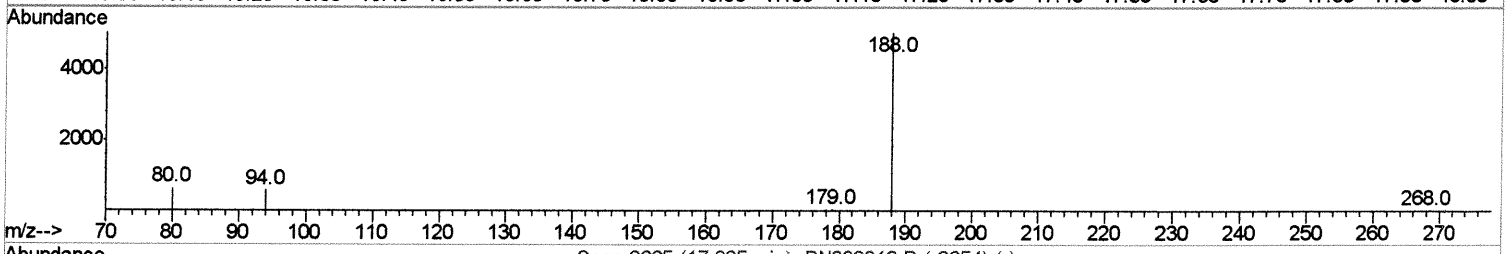
Instrument : BNA_N
ClientSampleId : JLC56

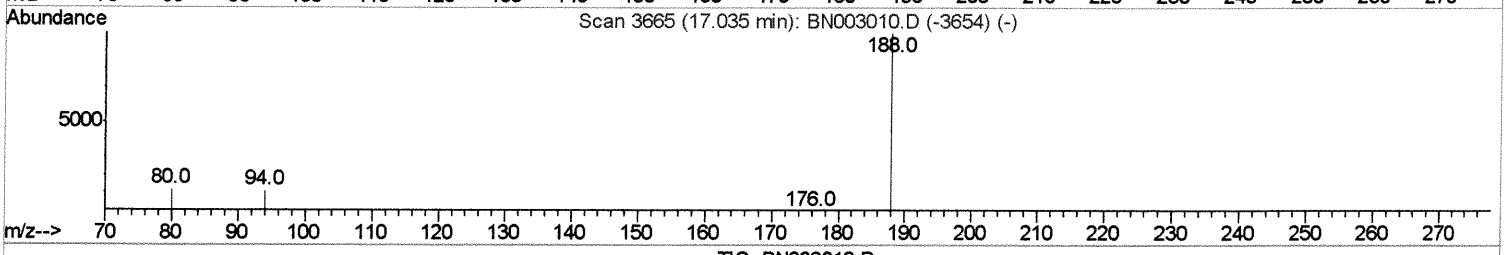
Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 09 08:57:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration







TIC: BN003012.D

(10) Phenanthrene-d10 (I)

17.019min (-0.017) 0.40ng/ul m 5/10/18

response 7331

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	12.25
80.00	12.70	13.17
0.00	0.00	0.00

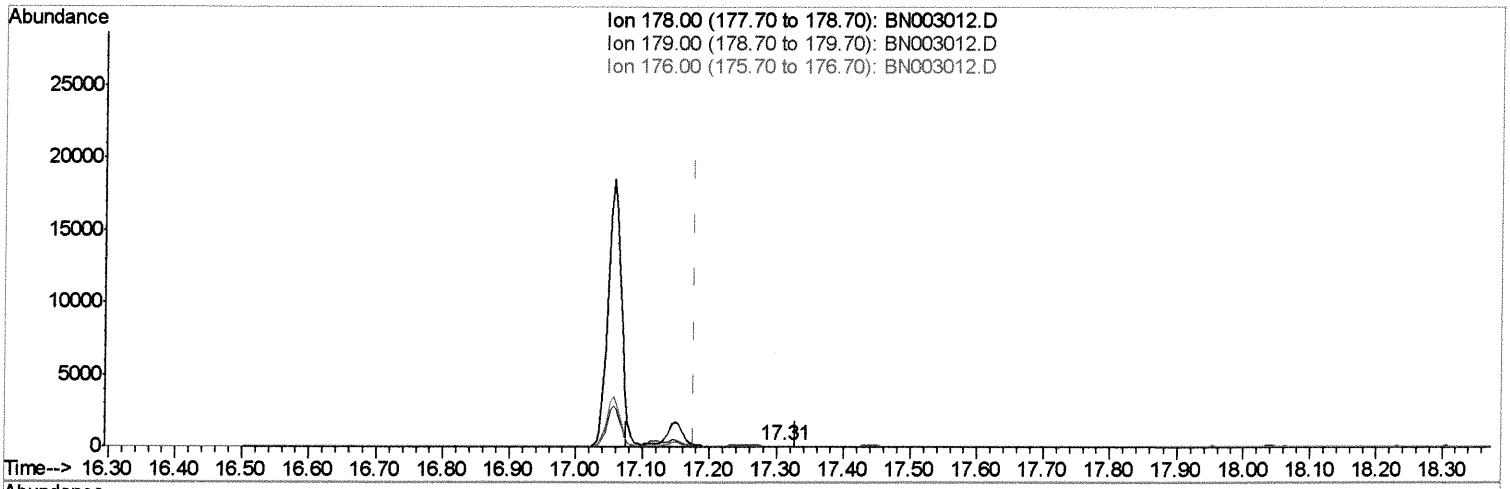
Quantitation Report (Qedit)

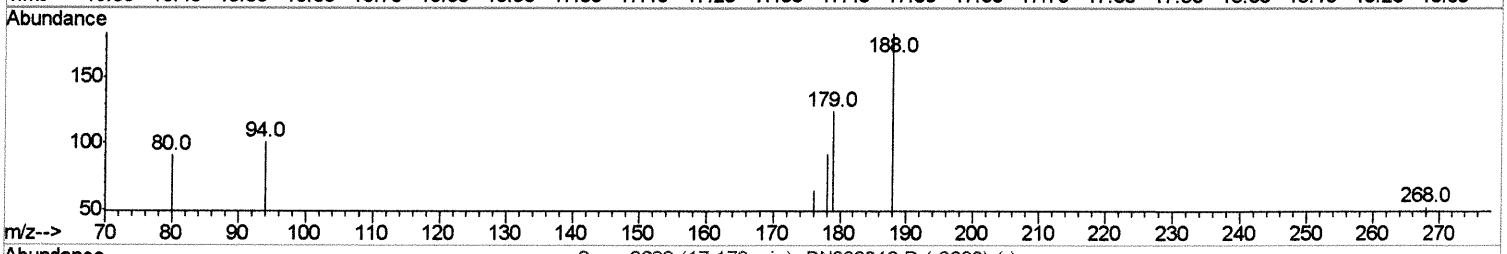
Instrument : BNA_N
ClientSampleId : JLC56

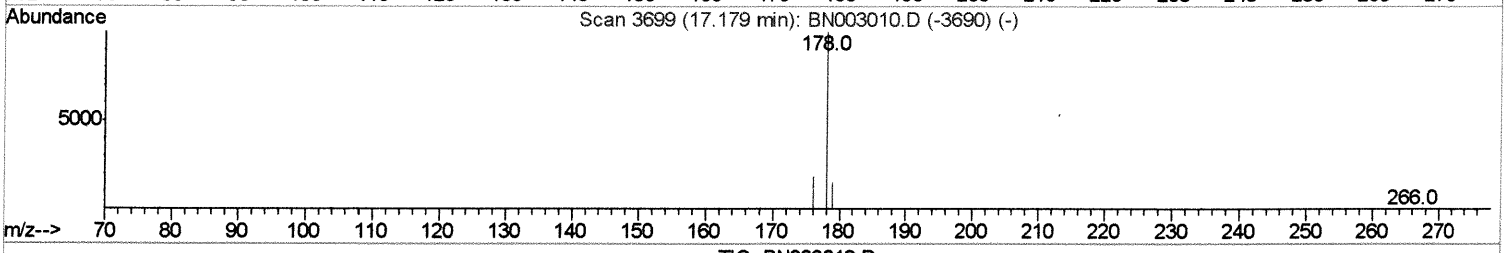
Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 09 09:02:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration







TIC: BN003012.D

(13) Anthracene

17.310min (+0.131) 0.00ng/ul

response 55

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	134.78#
176.00	19.10	70.65#
0.00	0.00	0.00

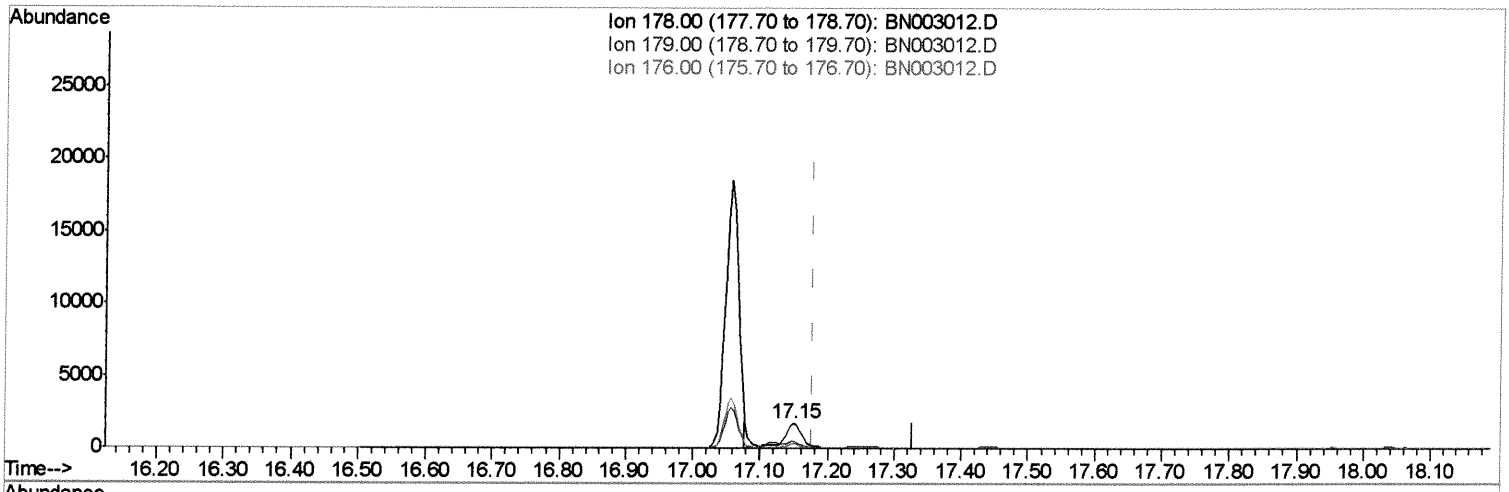
Quantitation Report (Qedit)

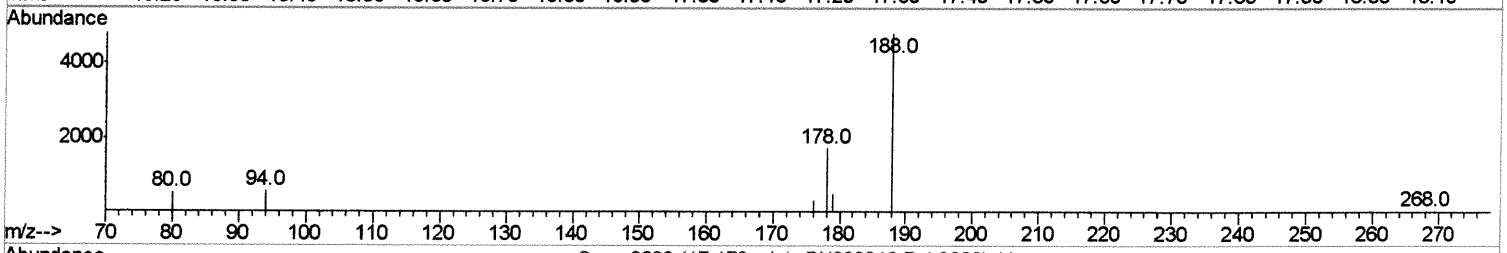
Instrument : BNA_N
ClientSampleId : JLC56

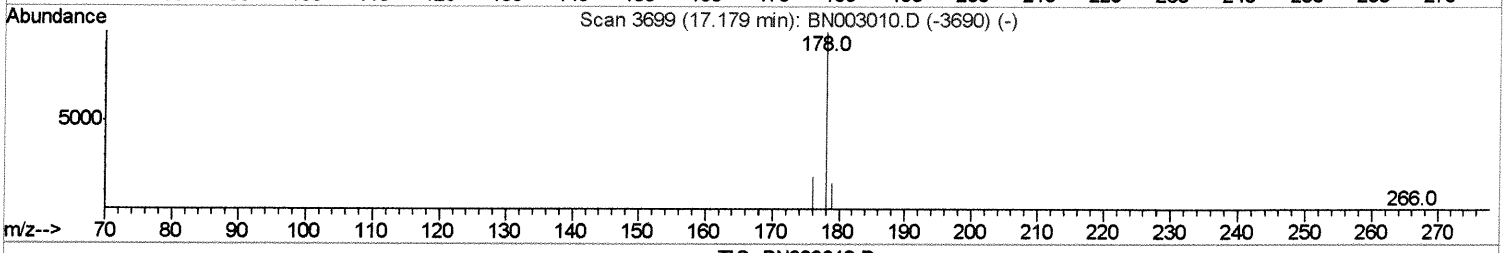
Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 09 09:02:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration







TIC: BN003012.D

(13) Anthracene

17.149min (-0.029) 0.14ng/ul m

SJ 10/10/18

response 2665

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	29.38#
176.00	19.10	20.36
0.00	0.00	0.00

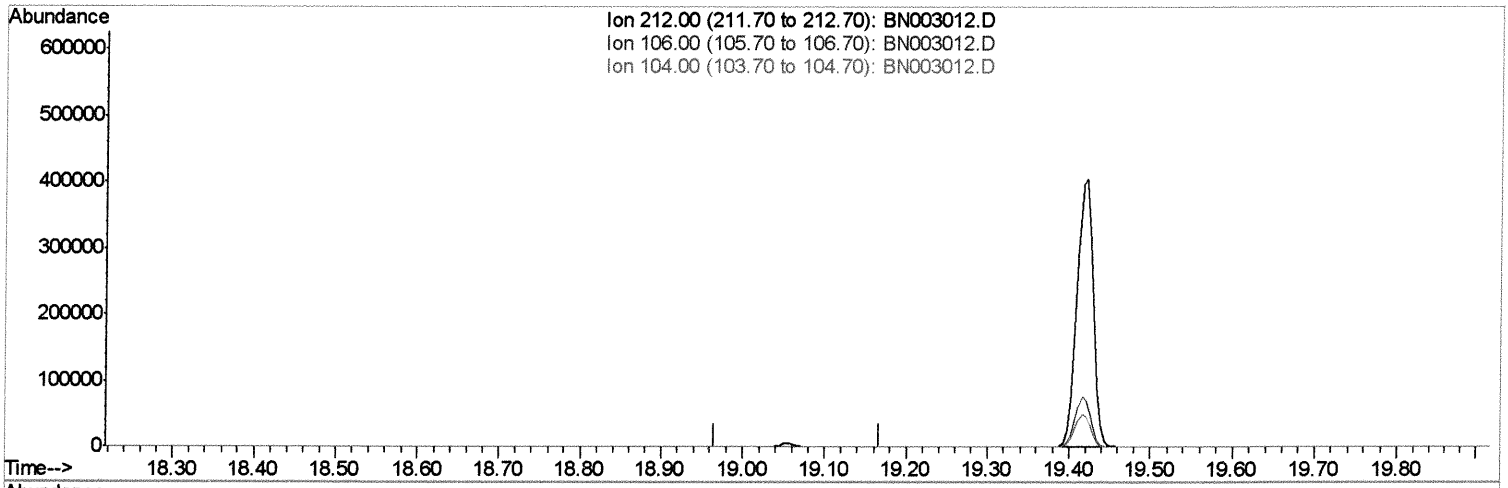
Quantitation Report (Qedit)

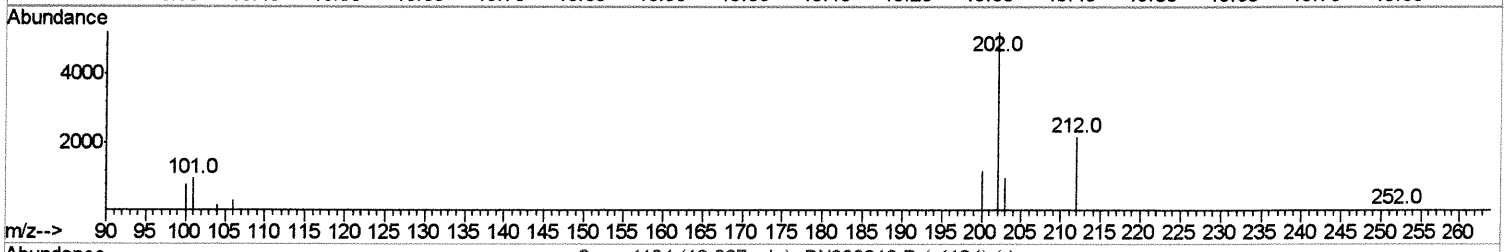
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

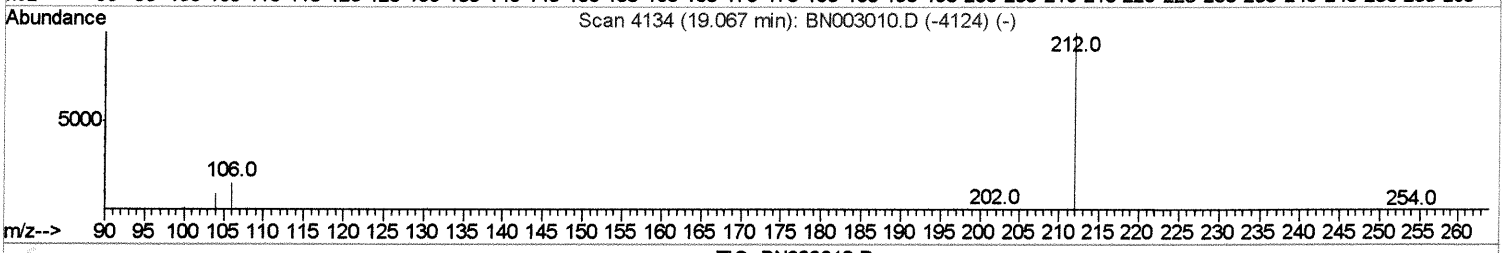
Quant Time: Oct 09 09:02:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC56

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM







TIC: BN003012.D

(14) Fluoranthene-d10 (SURR)

19.067min (-19.067) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	15.40	0.00#
104.00	8.60	0.00#
0.00	0.00	0.00

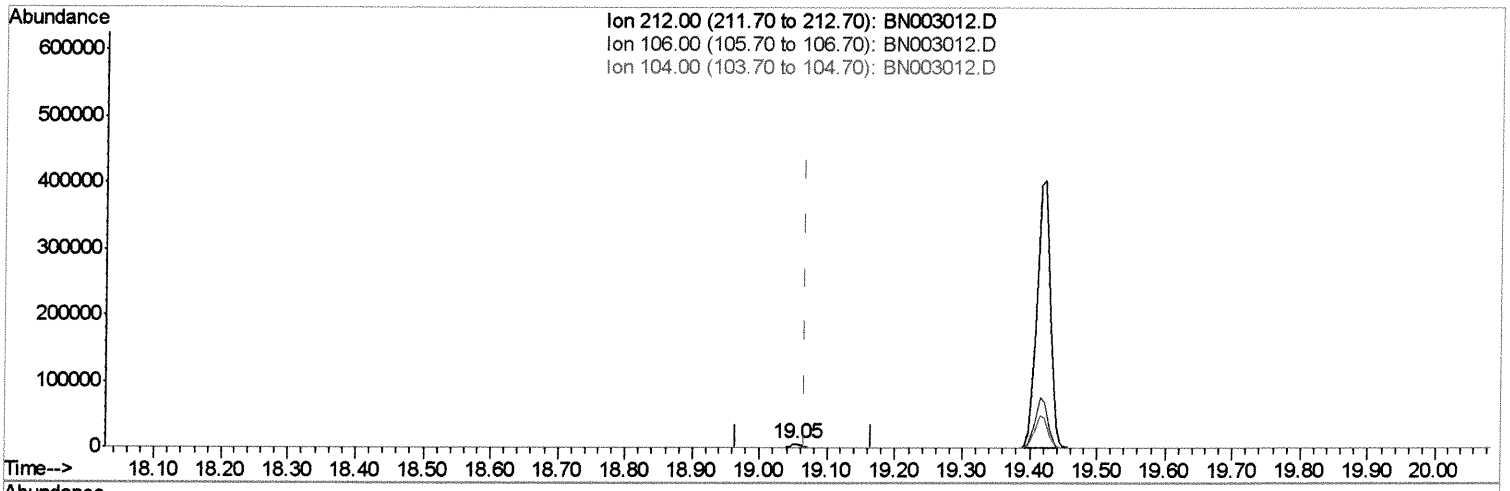
Quantitation Report (Qedit)

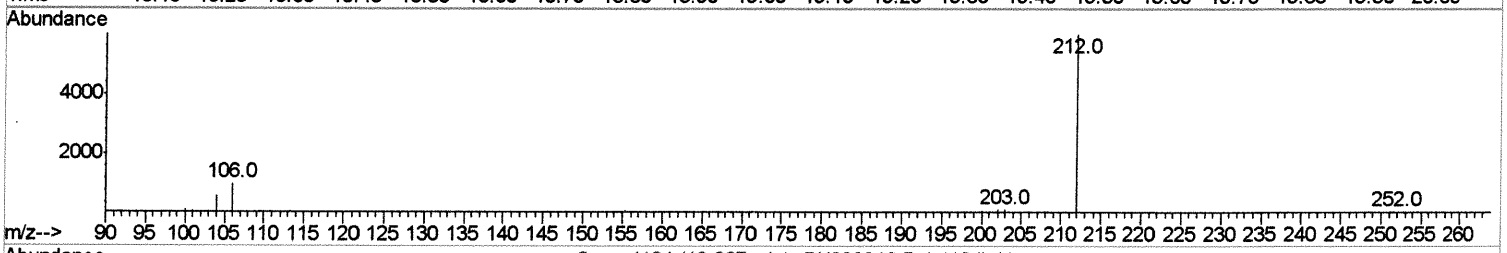
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

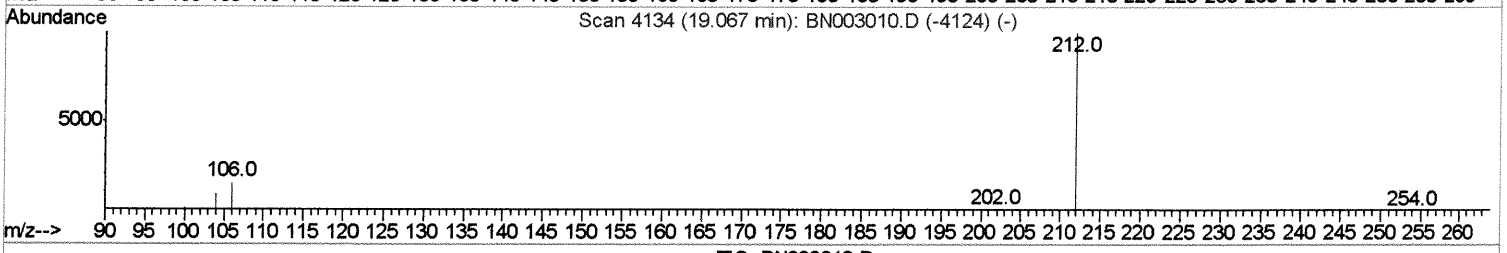
Quant Time: Oct 09 09:02:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : JLC56

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM







TIC: BN003012.D

(14) Fluoranthene-d10 (SURR)

19.053min (-0.014) 0.38ng/ul m SJ 10/10/18

response 7982

Ion	Exp%	Act%
212.00	100	100
106.00	15.40	0.00#
104.00	8.60	0.00#
0.00	0.00	0.00

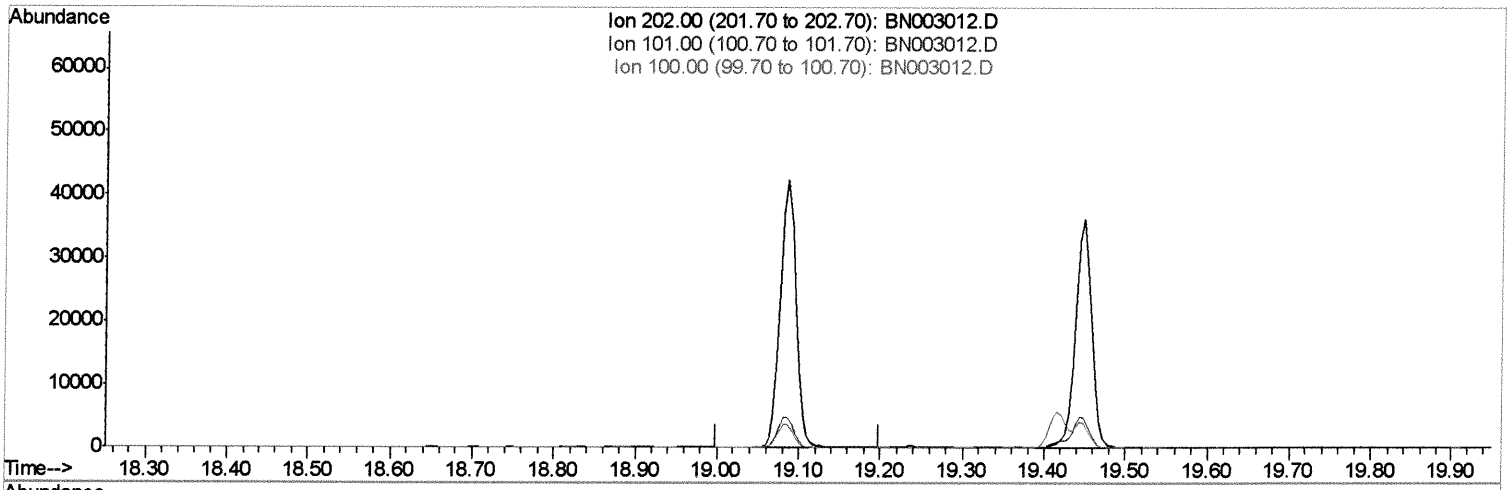
Quantitation Report (Qedit)

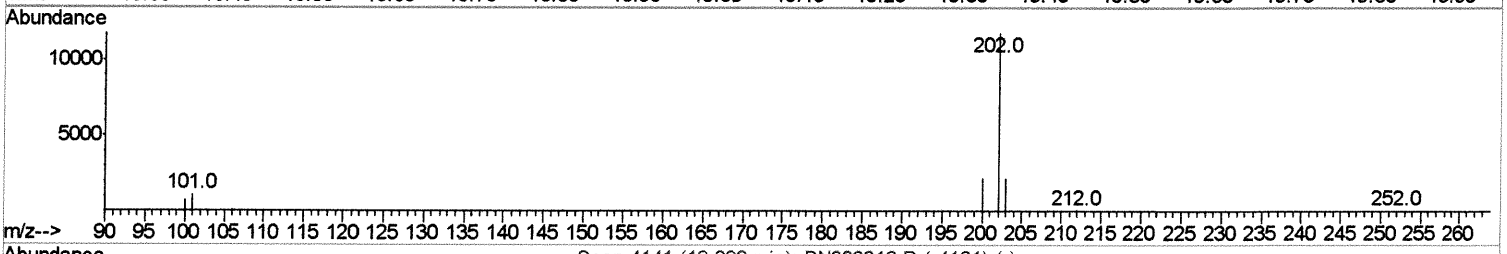
Instrument : BNA_N
ClientSampleId : JLC56

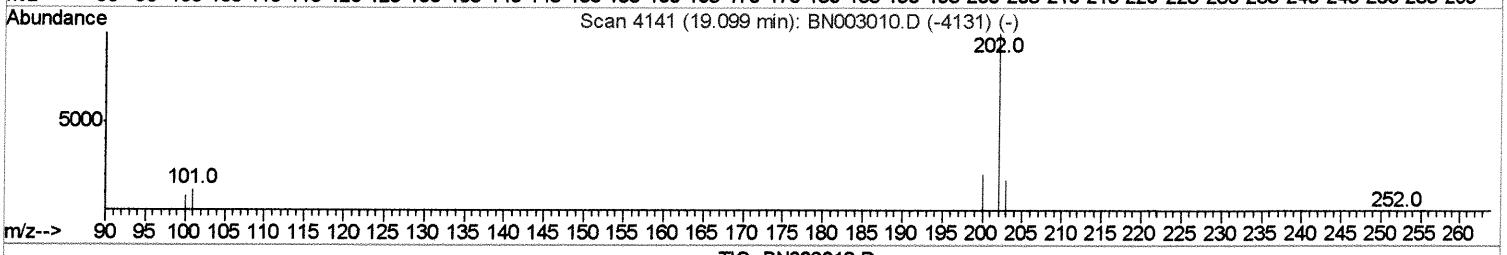
Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 09 09:02:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration







TIC: BN003012.D

(15) Fluoranthene (C)

19.099min (-19.099) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	12.30	0.00
100.00	9.10	0.00
0.00	0.00	0.00

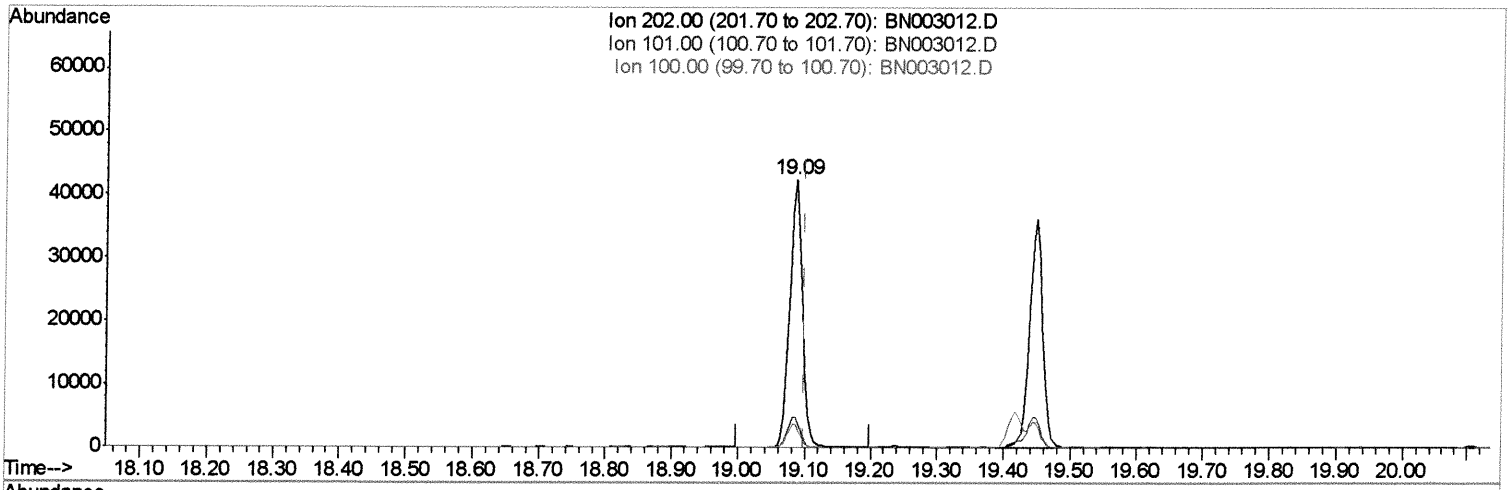
Quantitation Report (Qedit)

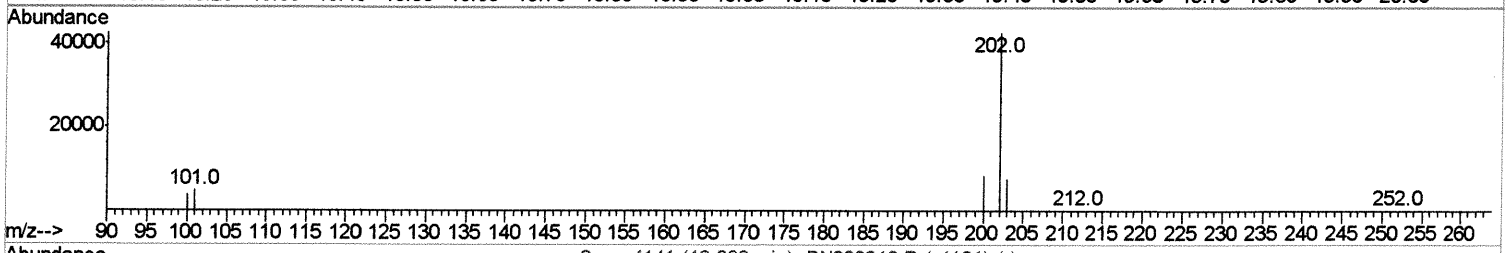
Instrument : BNA_N
ClientSampleId : JLC56

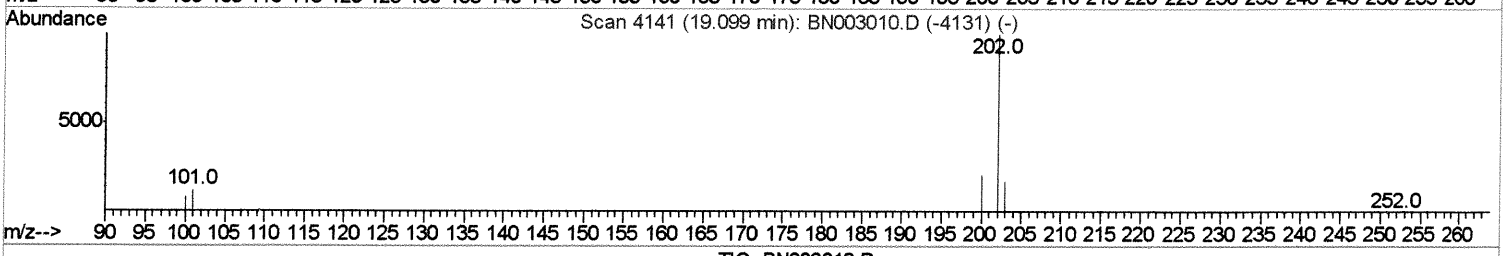
Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 09 09:02:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration







TIC: BN003012.D

(15) Fluoranthene (C)

19.086min (-0.014) 2.38ng/ul m SJ 10/10/18

response 57056

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	11.55
100.00	9.10	8.72
0.00	0.00	0.00

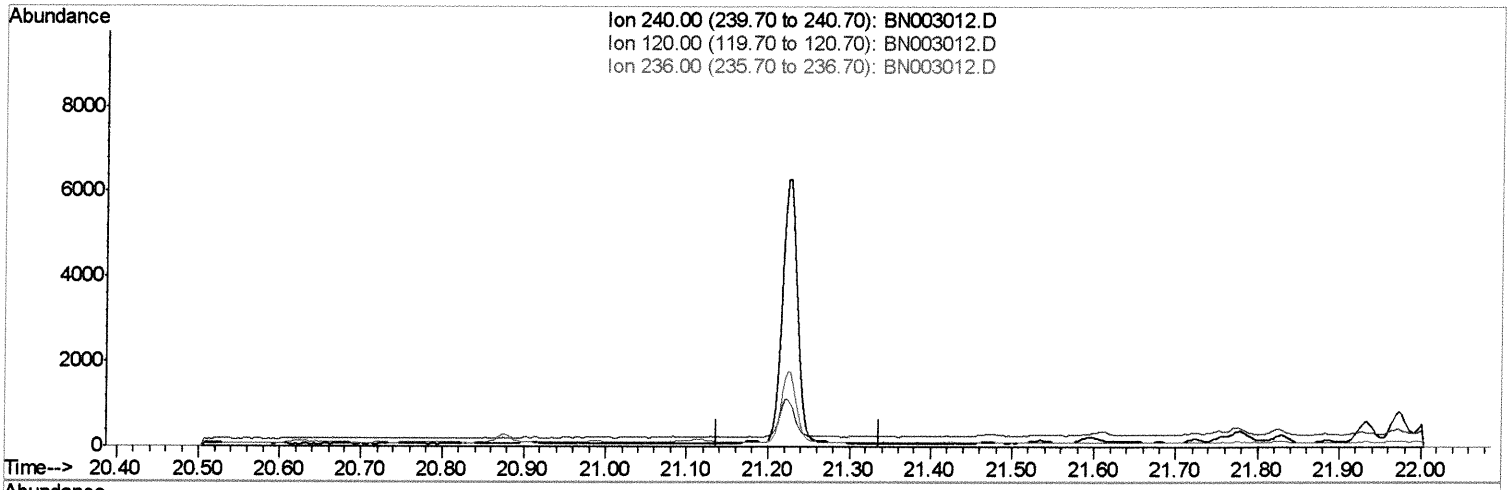
Quantitation Report (Qedit)

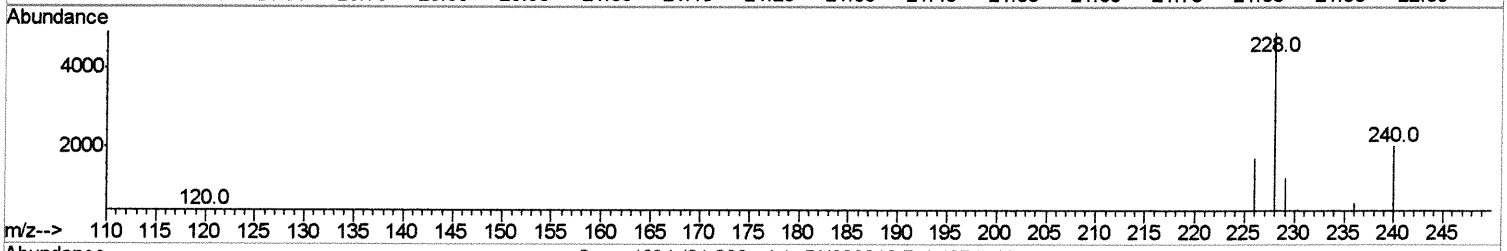
Instrument : BNA_N
ClientSampleId : JLC56

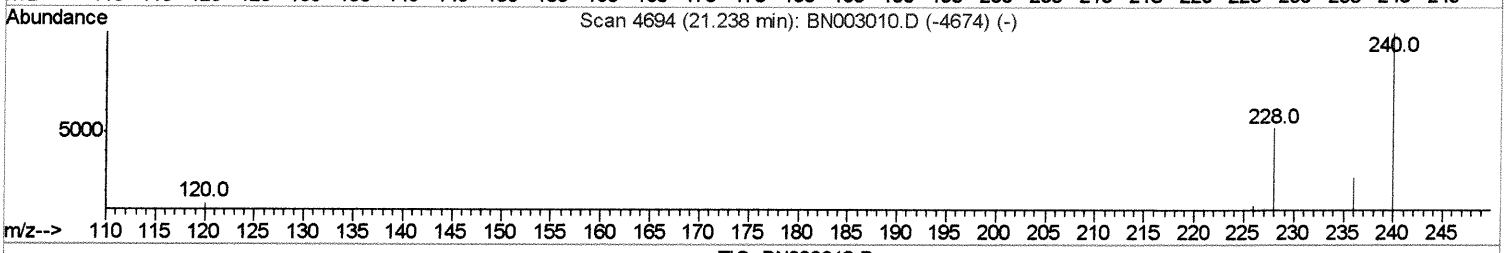
Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 09 09:02:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration







TIC: BN003012.D

(16) Chrysene-d12 (I)

21.238min (-21.238) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.40	0.00#
236.00	28.10	0.00#
0.00	0.00	0.00

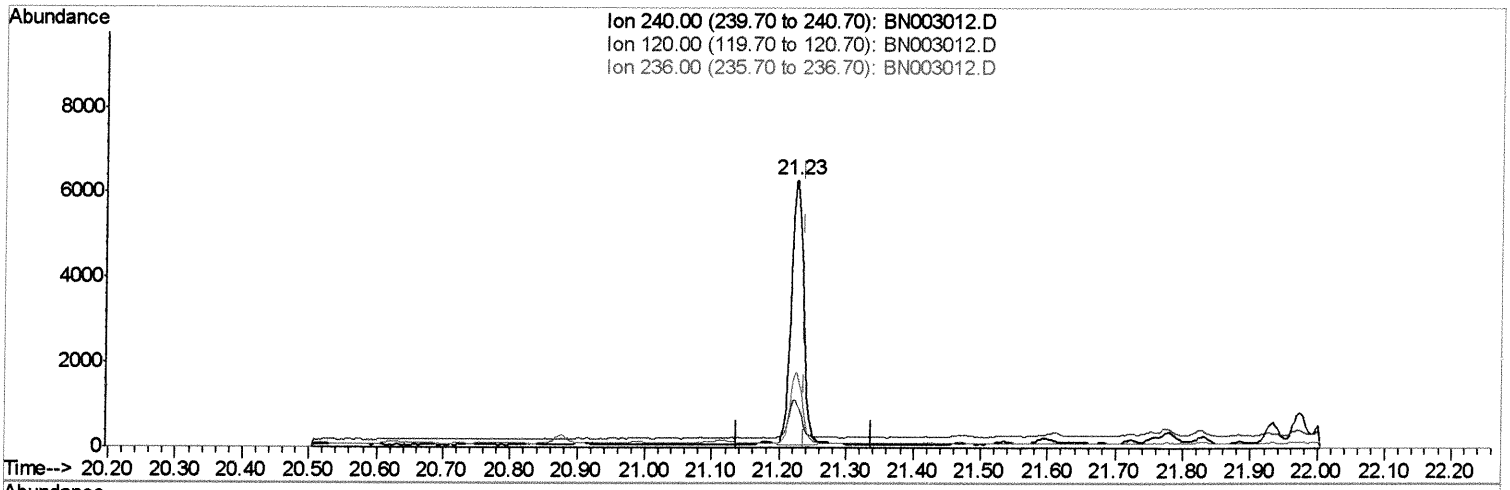
Quantitation Report (Qedit)

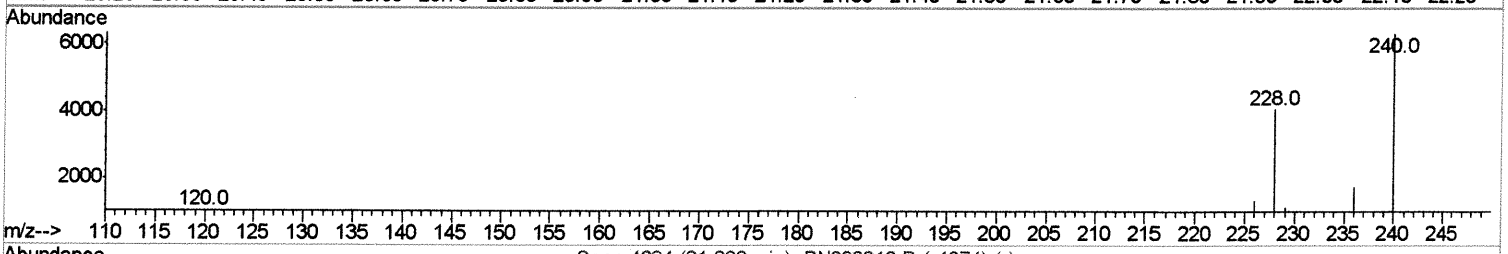
Instrument : BNA_N
ClientSampleId : JLC56

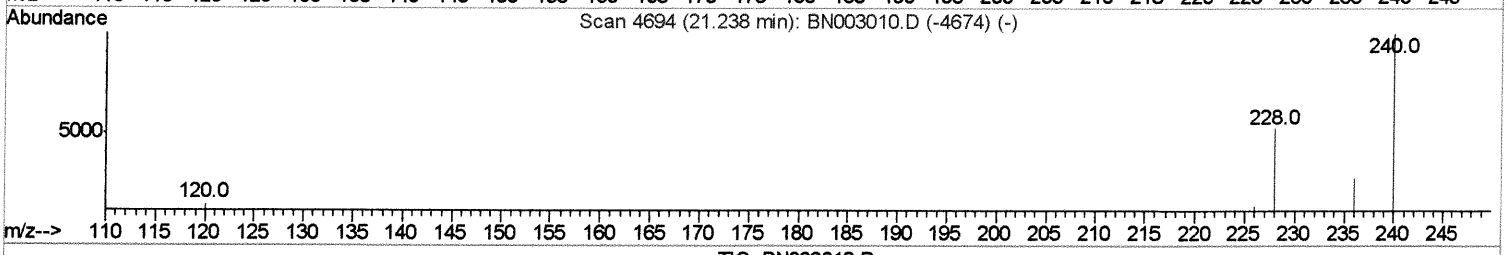
Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 09 09:02:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration







TIC: BN003012.D

(16) Chrysene-d12 (I)

21.226min (-0.012) 0.40ng/ul m SJ 10/10/18

response 7882

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	16.56
236.00	28.10	28.15
0.00	0.00	0.00

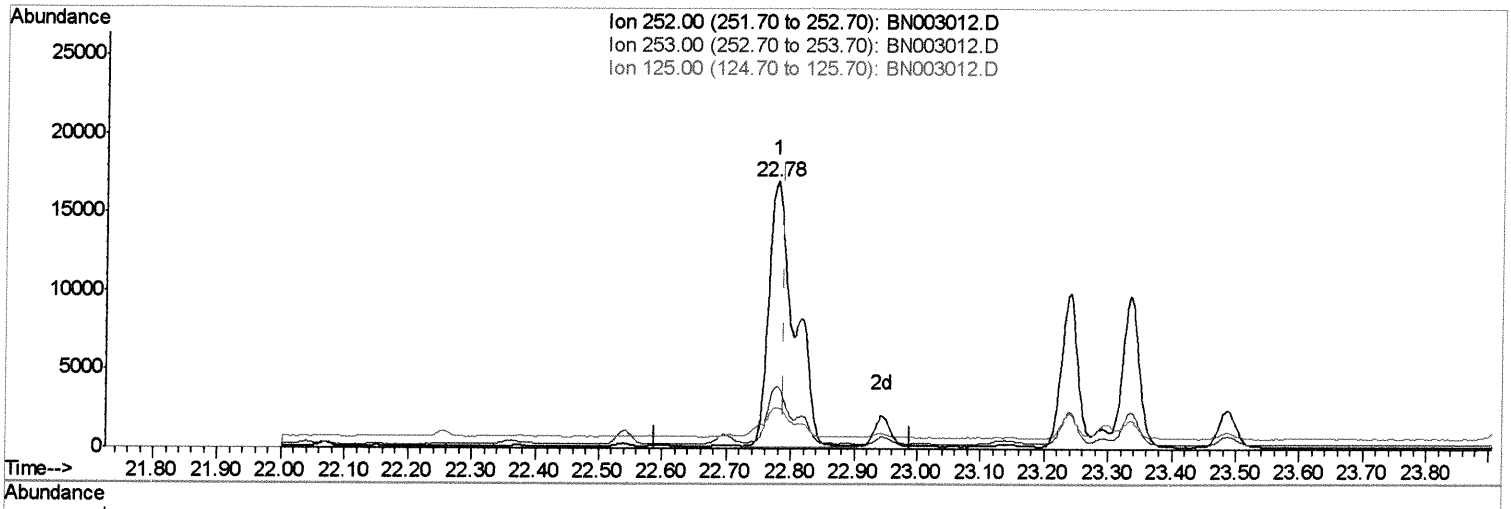
Quantitation Report (Qedit)

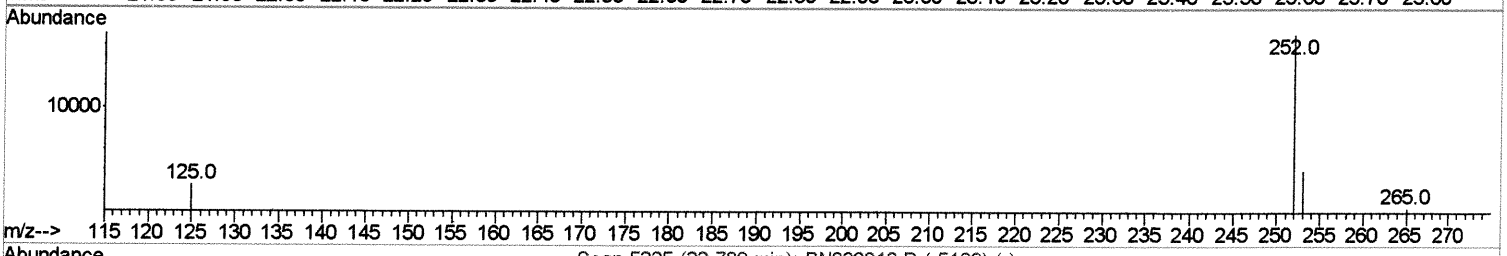
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

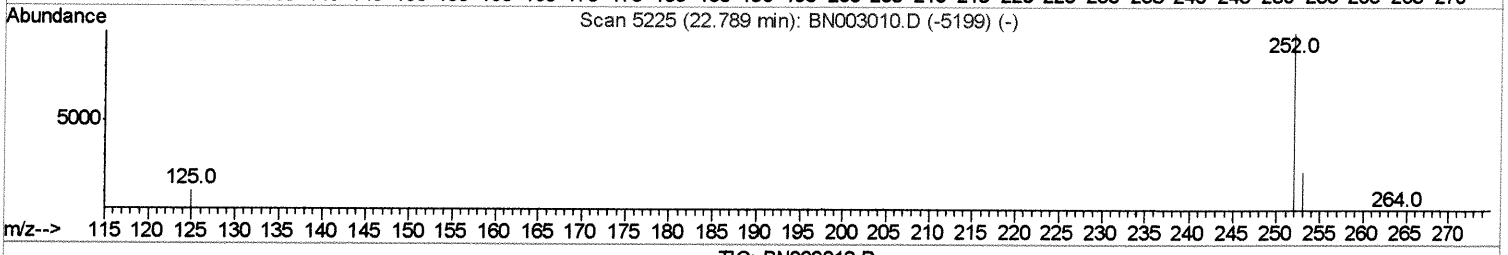
Quant Time: Oct 09 09:03:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC56

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM







TIC: BN003012.D

(21) Benzo(b)fluoranthene

22.778min (-0.012) 1.67ng/ul

response 47145

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.54
125.00	17.10	15.53
0.00	0.00	0.00

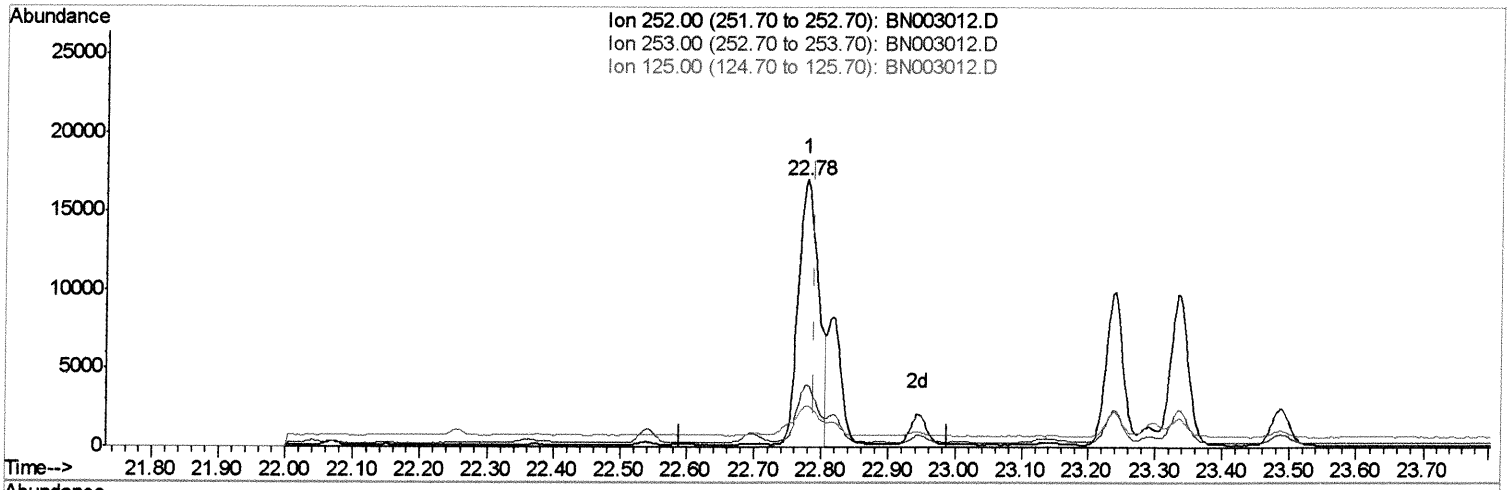
Quantitation Report (Qedit)

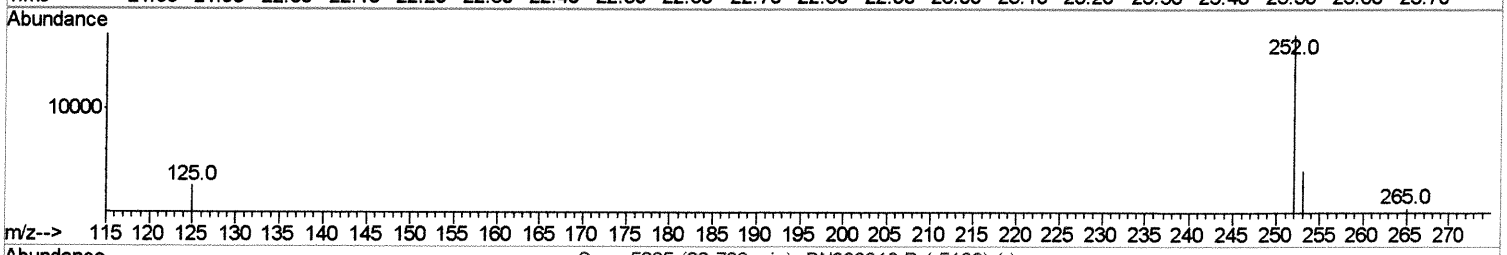
Instrument : BNA_N
ClientSampleId : JLC56

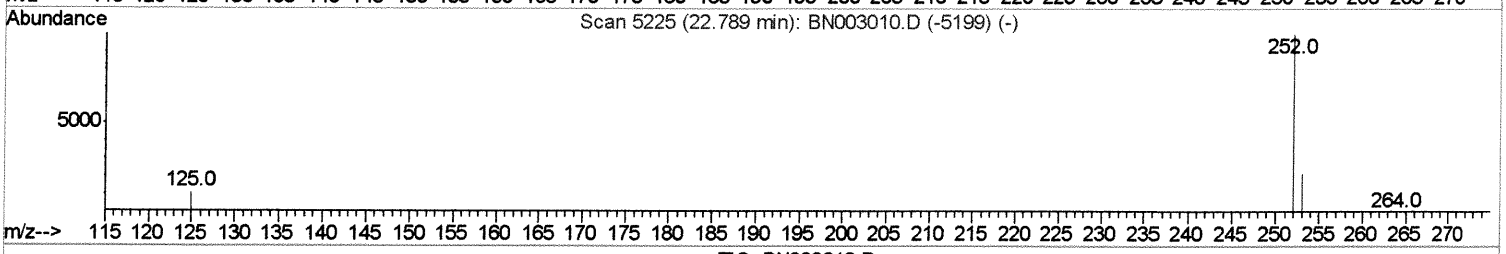
Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 09 09:03:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration







TIC: BN003012.D

(21) Benzo(b)fluoranthene

22.778min (-0.012) 1.26ng/ul m SJ 10/10/18

response 35579

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.54
125.00	17.10	15.53
0.00	0.00	0.00

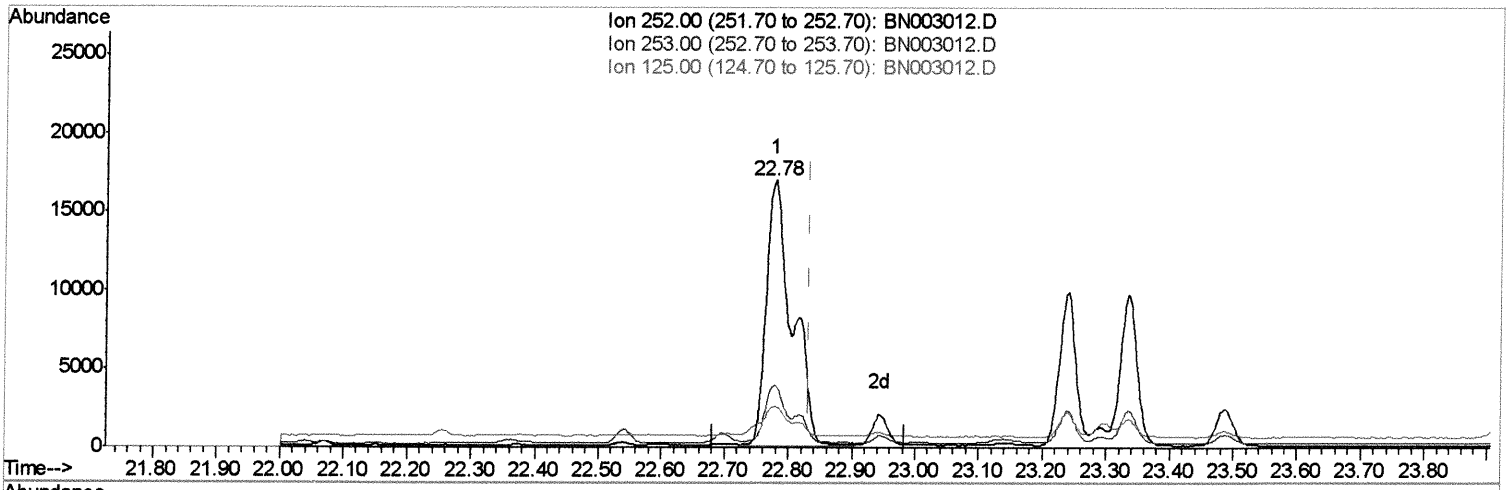
Quantitation Report (Qedit)

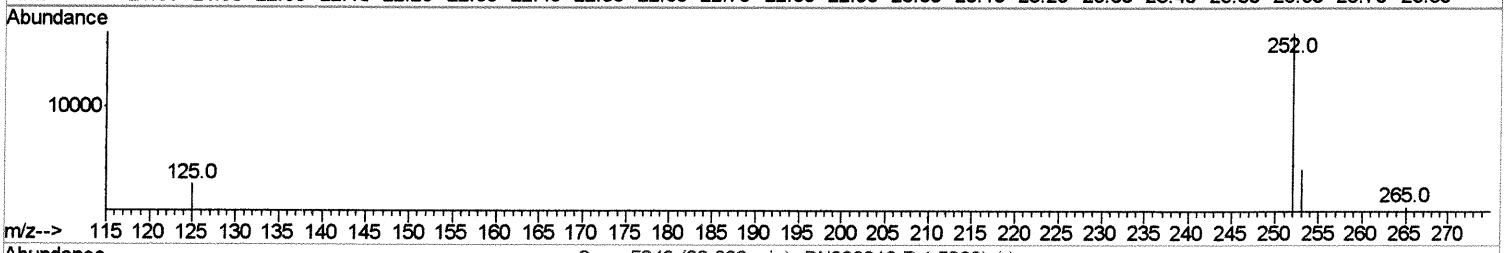
Instrument : BNA_N
ClientSampleId : JLC56

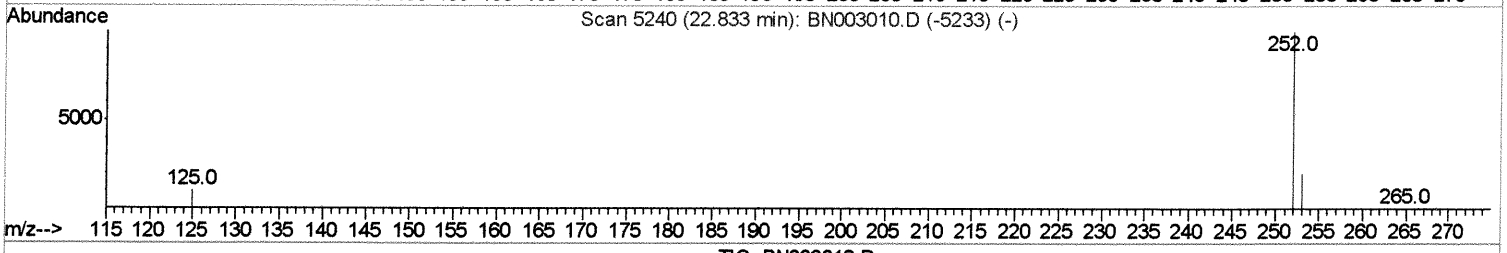
Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 09 09:03:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration







TIC: BN003012.D

(22) Benzo(k)fluoranthene

22.778min (-0.055) 1.61ng/ul

response 47145

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.54
125.00	17.60	15.53
0.00	0.00	0.00

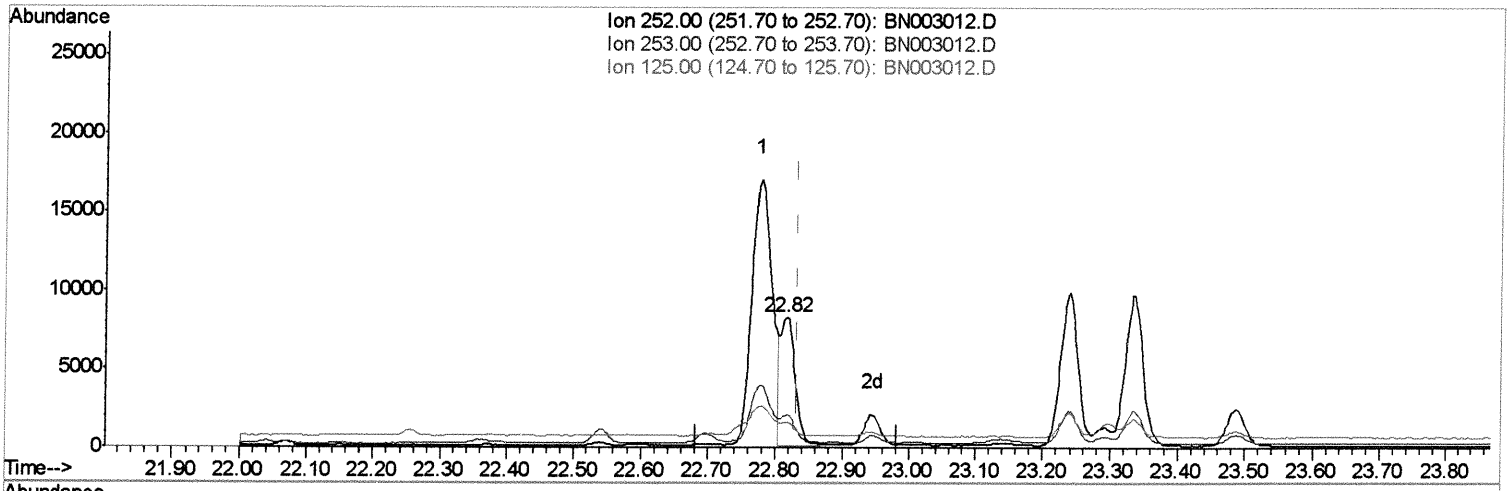
Quantitation Report (Qedit)

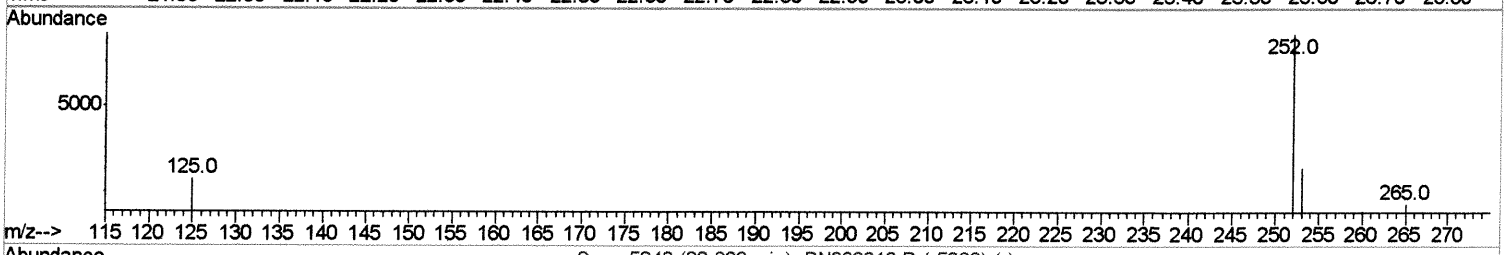
Instrument : BNA_N
ClientSampleId : JLC56

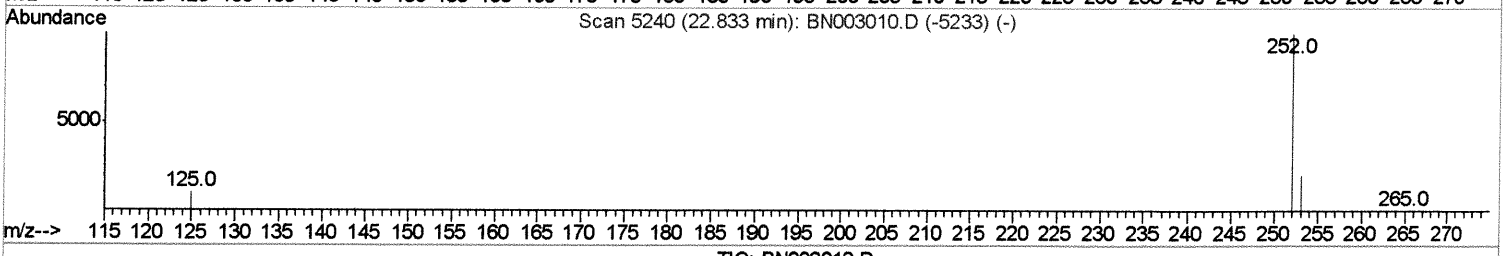
Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 09 09:03:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration







TIC: BN003012.D

(22) Benzo(k)fluoranthene

22.816min (-0.017) 0.42ng/ul m SJ 10/10/18

response 12169

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.26
125.00	17.60	19.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_N
ClientSampleId :
JLC56

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:25 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
Data File : BN003012.D
Acq On : 09 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5116-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 09 09:04:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1134	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	4969	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3072	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7331m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	7882m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	7839	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2680	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	7982m	0.38	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	4705	0.369	ng/ul	100
5) 2-Methylnaphthalene	12.09	142	291	0.033	ng/ul	100
7) Acenaphthylene	13.98	152	695	0.049	ng/ul#	79
8) Acenaphthene	14.32	153	656	0.062	ng/ul	95
9) Fluorene	15.32	166	944	0.077	ng/ul#	98
12) Phenanthrene	17.06	178	25813	1.263	ng/ul	99
13) Anthracene	17.15	178	2665m	0.138	ng/ul	
15) Fluoranthene	19.09	202	57056m	2.380	ng/ul	
17) Pyrene	19.45	202	49808	1.627	ng/ul	96
18) Benzo(a)anthracene	21.21	228	25039	0.987	ng/ul	98
19) Chrysene	21.26	228	33178	1.288	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	35579m	1.260	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	12169m	0.416	ng/ul	
23) Benzo(a)pyrene	23.33	252	17747	0.701	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.65	276	10865	0.374	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.65	278	2812	0.121	ng/ul#	77
26) Benzo(g,h,i)perylene	26.33	276	9140	0.373	ng/ul	99

SJ 10/10/18
SJ 10/10/18
SJ 10/10/18
SJ 10/10/18

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