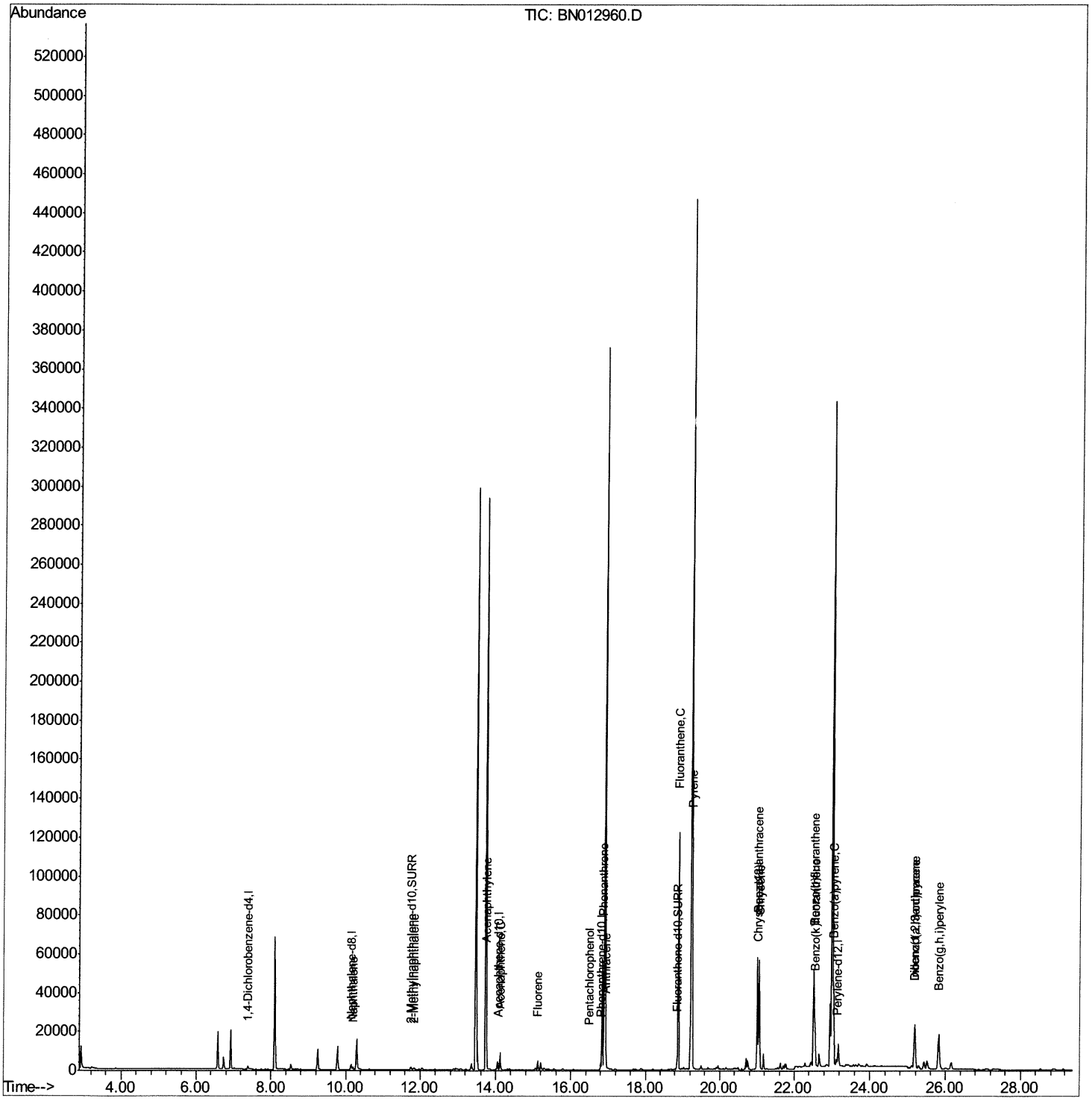
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012960.D
Acq On : 08 Dec 2020 04:20
Operator : CG/JU
Sample : L4862-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 08 06:57:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 06:48:20 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual Integrations APPROVED
mohammad
12/9/2020 12:23:20 PM



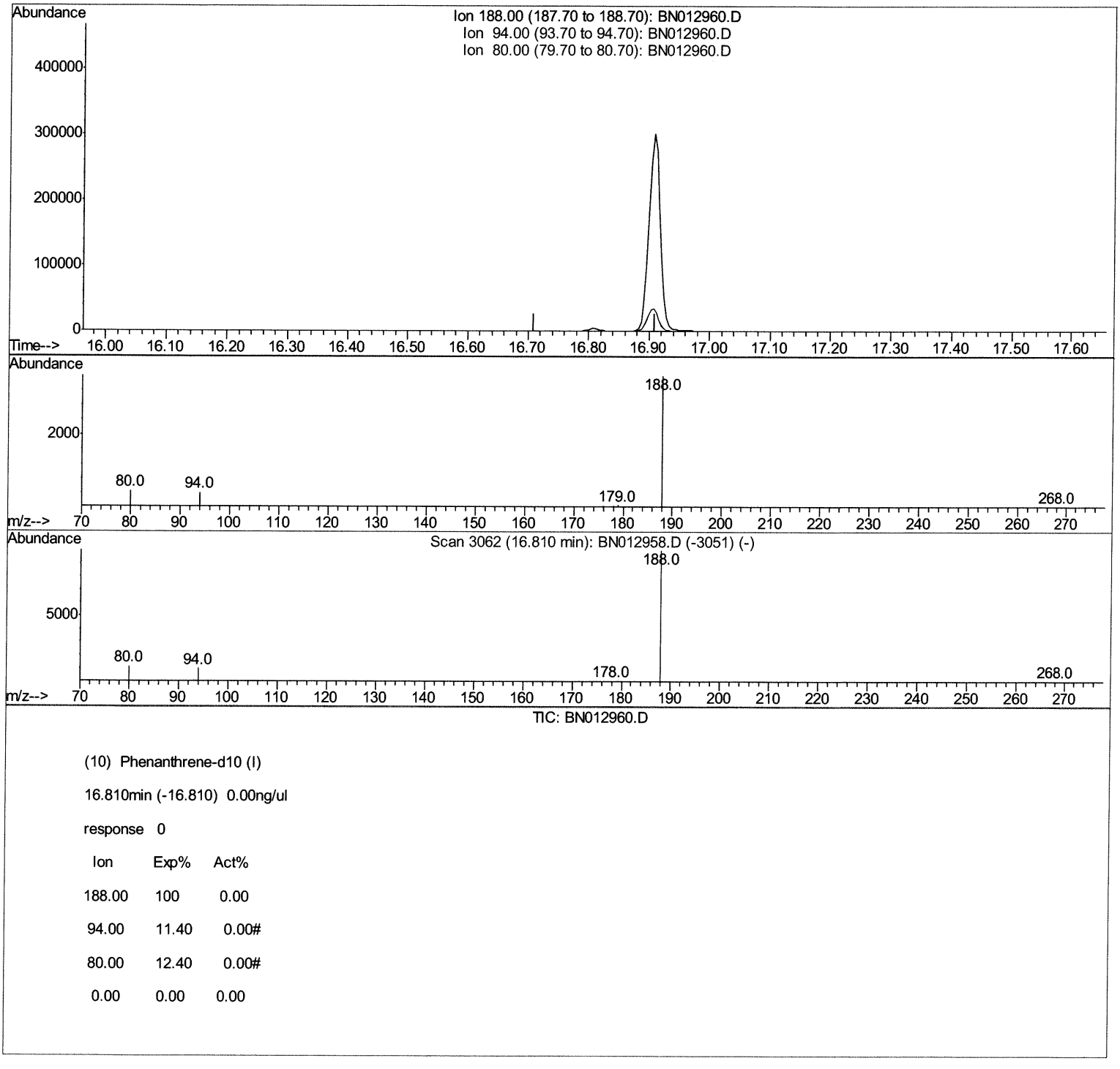
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012960.D
Acq On : 08 Dec 2020 04:20
Operator : CG/JU
Sample : L4862-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 08 06:54:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 06:48:20 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual Integrations APPROVED
mohammad
12/9/2020 12:23:20 PM



TIC: BN012960.D

(10) Phenanthrene-d10 (I)

16.810min (-16.810) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.40	0.00#
80.00	12.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012960.D
Acq On : 08 Dec 2020 04:20
Operator : CG/JU
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Misc :
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Quant Time: Dec 08 06:54:34 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 06:48:20 2020
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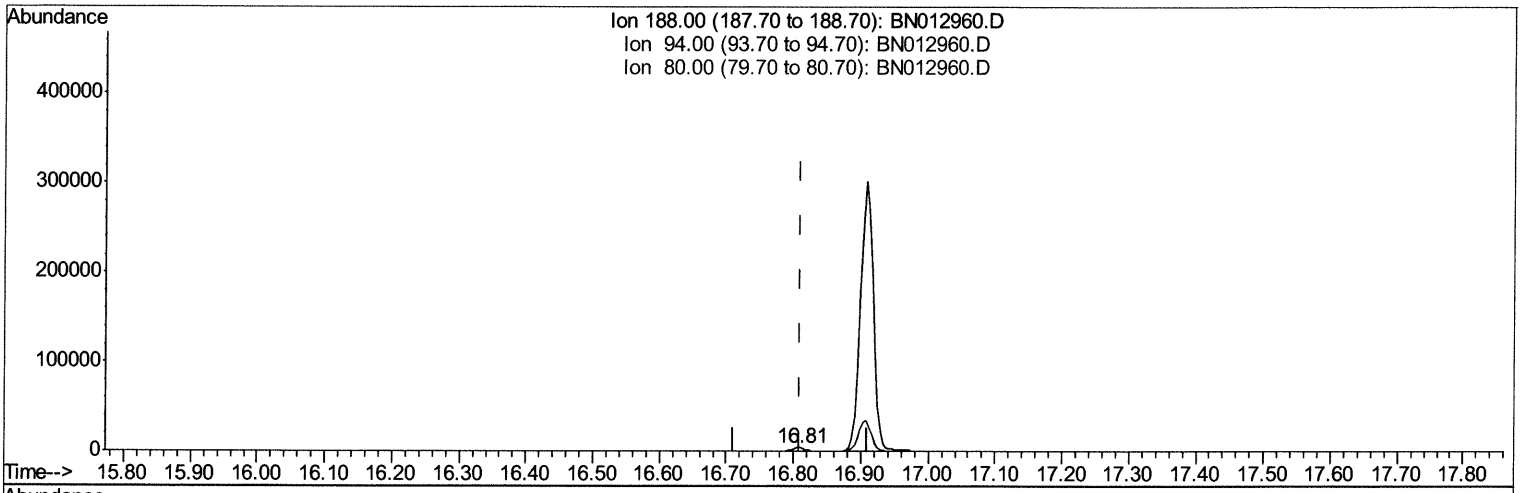
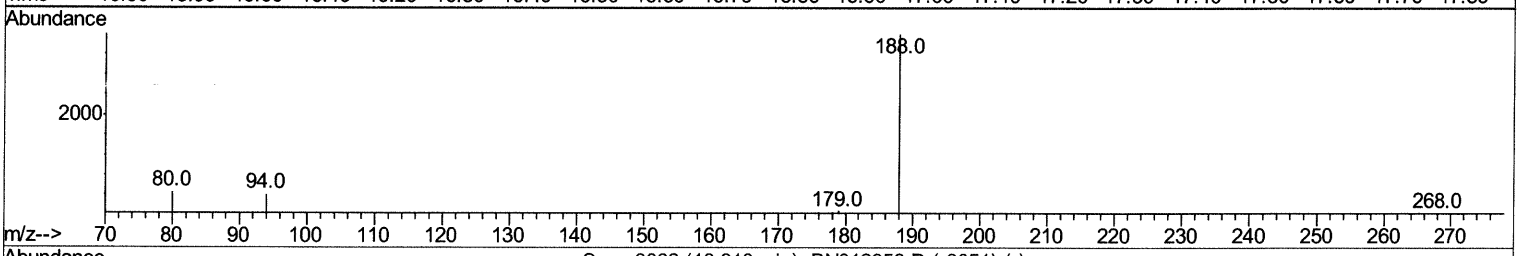
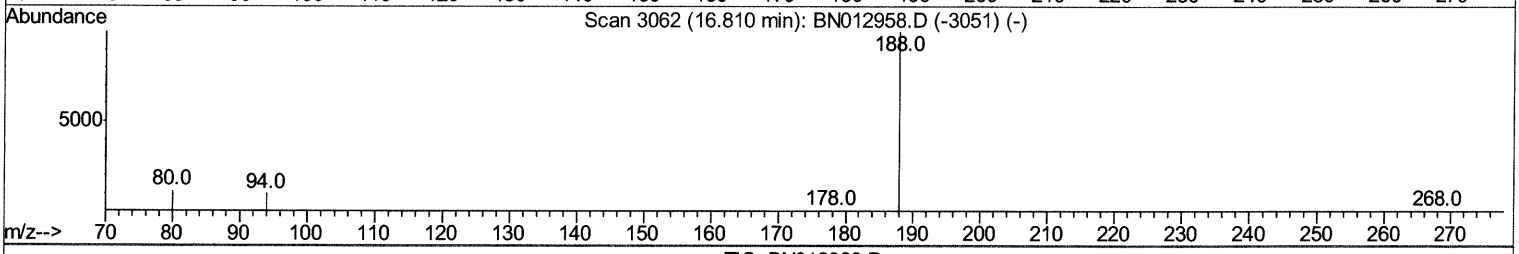
Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual Integrations APPROVED
mohammad
12/9/2020 12:23:20 PM







TIC: BN012960.D

(10) Phenanthrene-d10 (I)

16.810min (+0.000) 0.40ng/ul m 12/09/20 JU

response 4791

Ion	Exp%	Act%
188.00	100	100
94.00	11.40	11.62
80.00	12.40	12.96
0.00	0.00	0.00

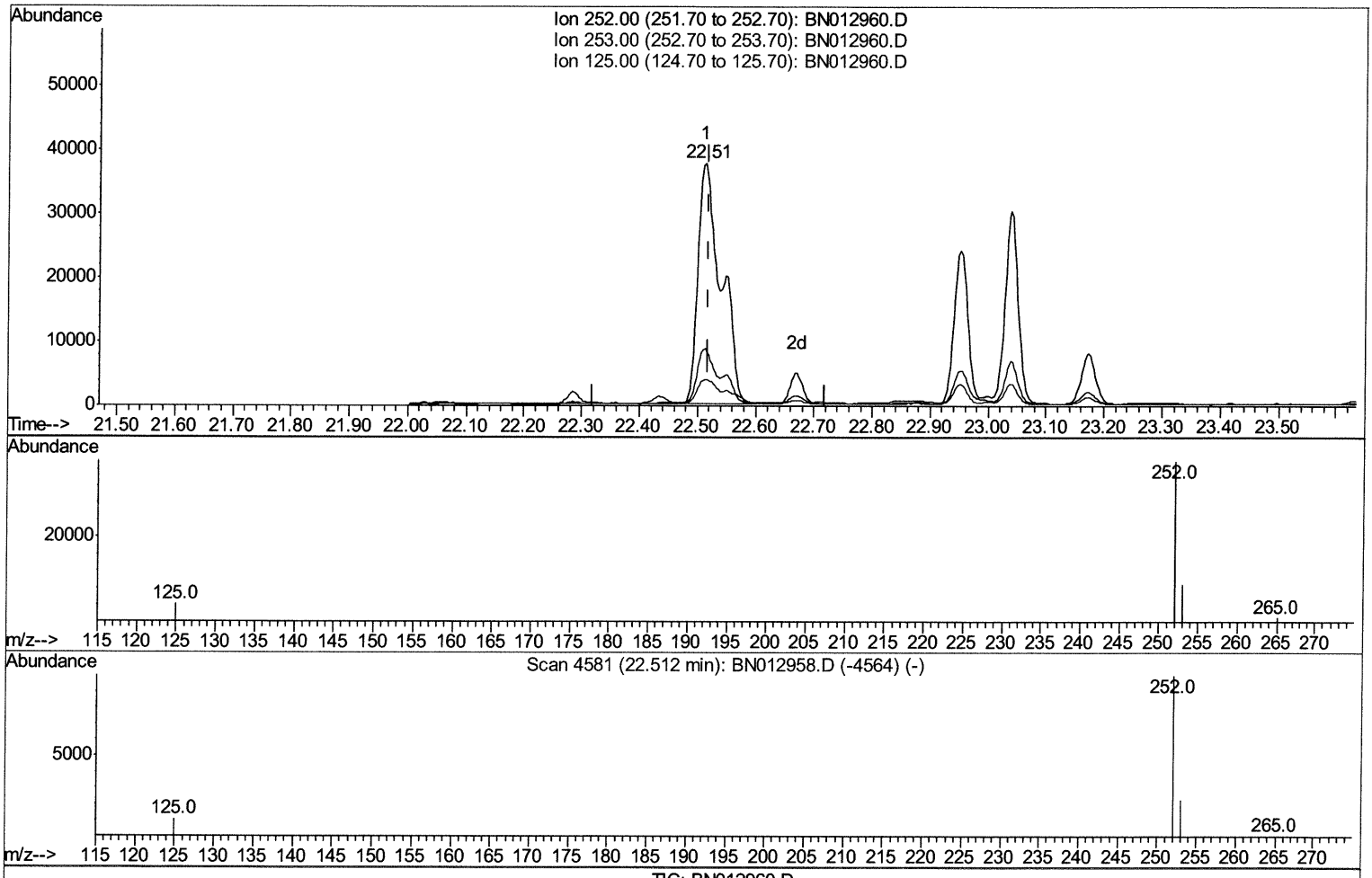
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012960.D
Acq On : 08 Dec 2020 04:20
Operator : CG/JU
Sample : L4862-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 08 06:55:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 06:48:20 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual Integrations APPROVED
mohammad
12/9/2020 12:23:20 PM



TIC: BN012960.D

(21) Benzo(b)fluoranthene

22.513min (-0.006) 5.65ng/ul

response 103751

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	23.55
125.00	13.00	11.14
0.00	0.00	0.00

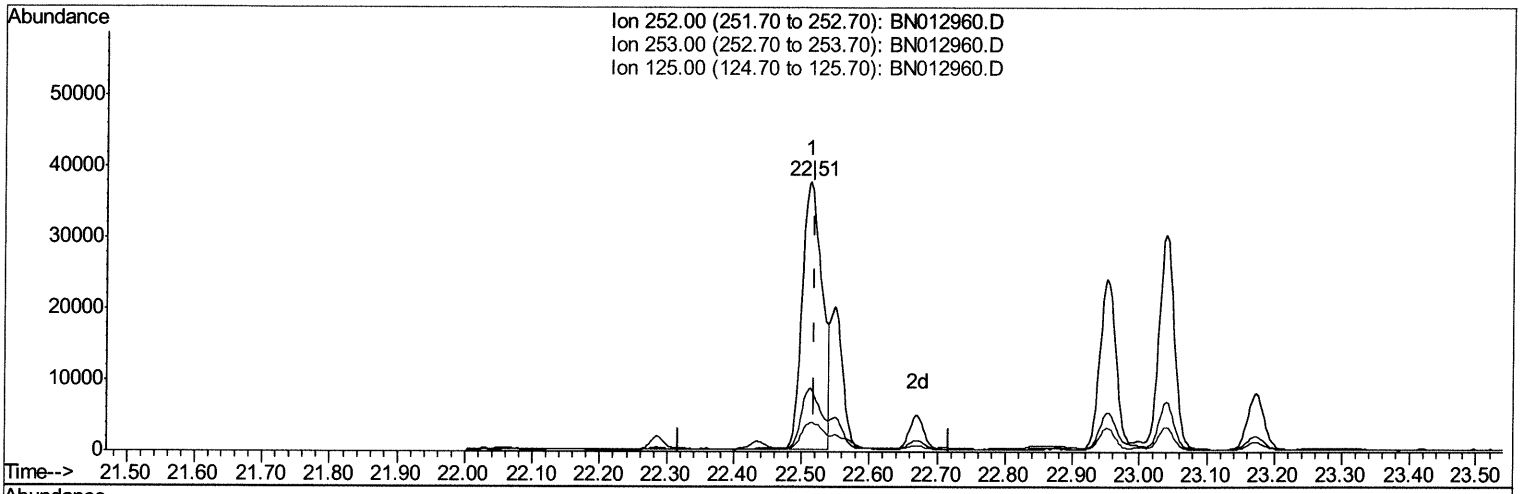
Quantitation Report (Qedit)

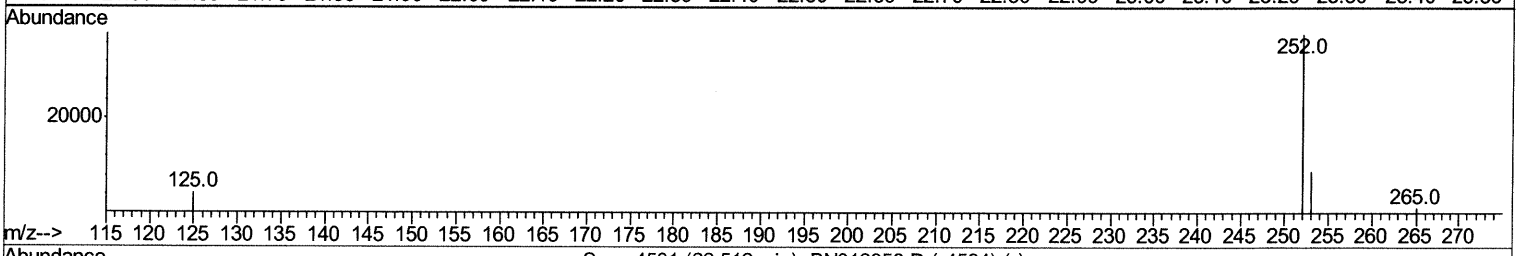
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012960.D
Acq On : 08 Dec 2020 04:20
Operator : CG/JU
Sample : L4862-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

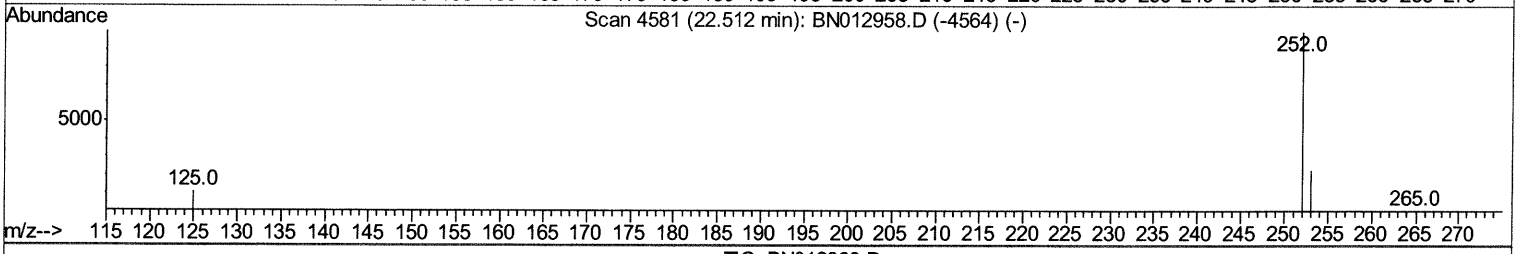
Quant Time: Dec 08 06:55:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 06:48:20 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual Integrations APPROVED
mohammad
12/9/2020 12:23:20 PM







TIC: BN012960.D

(21) Benzo(b)fluoranthene

22.513min (-0.006) 4.21ng/ul m 12/08/20 JU

response 77383

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	23.55
125.00	13.00	11.14
0.00	0.00	0.00

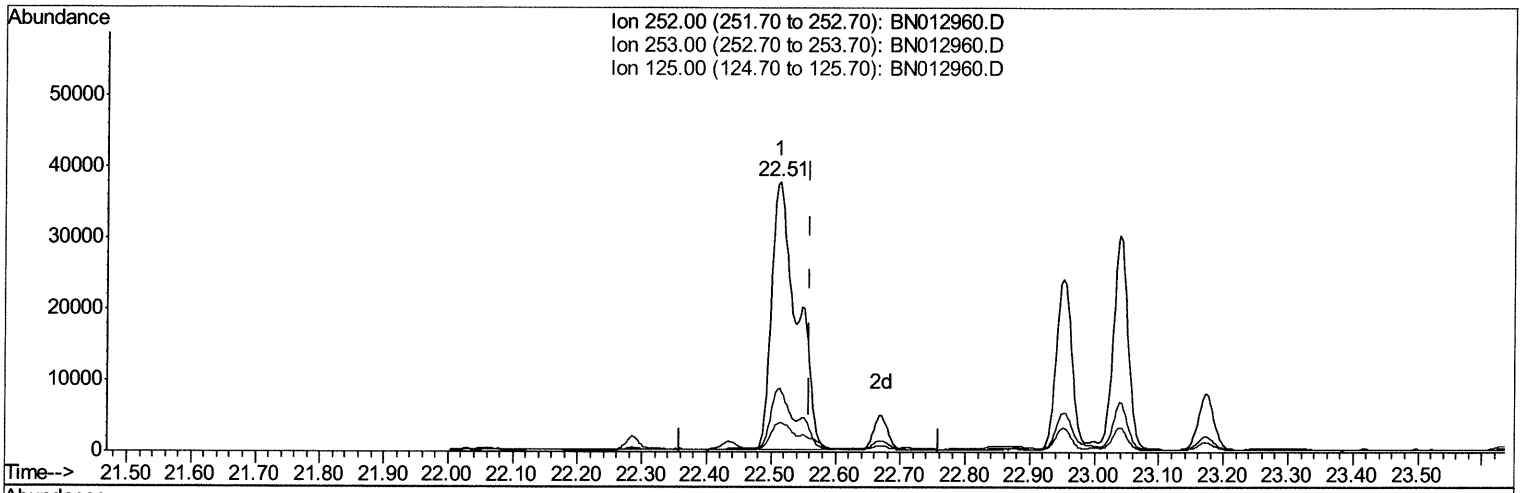
Quantitation Report (Qedit)

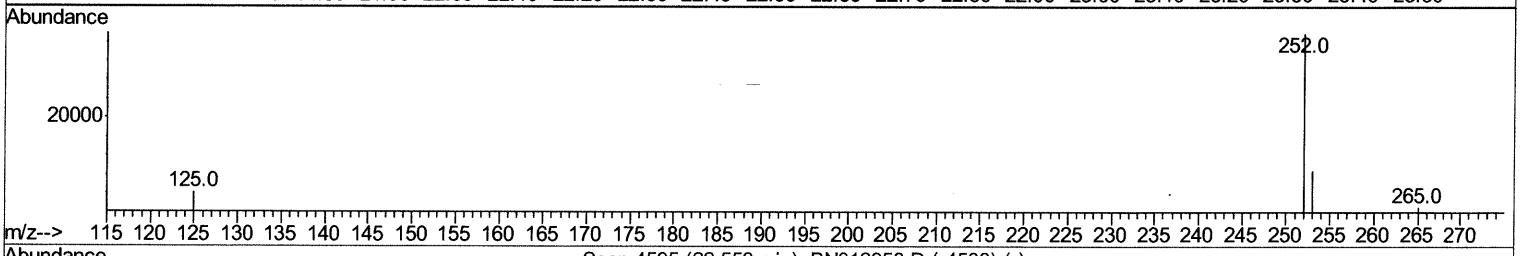
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012960.D
Acq On : 08 Dec 2020 04:20
Operator : CG/JU
Sample : L4862-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

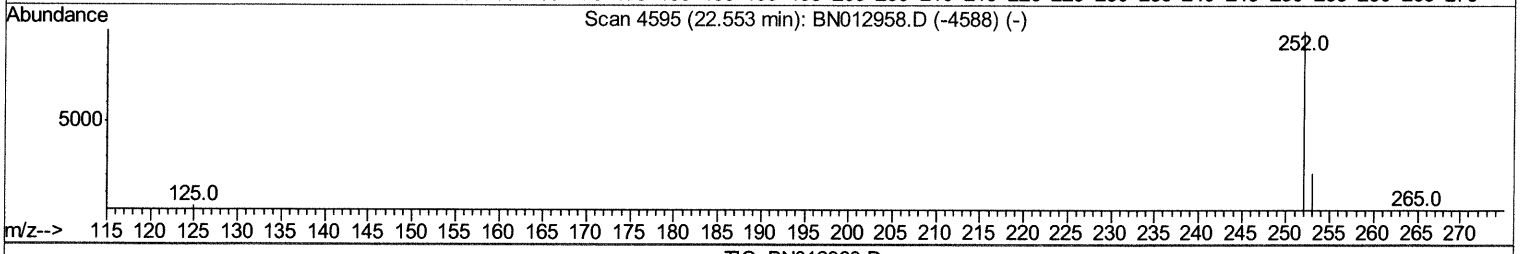
Quant Time: Dec 08 06:55:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 06:48:20 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual Integrations APPROVED
mohammad
12/9/2020 12:23:20 PM







TIC: BN012960.D

(22) Benzo(k)fluoranthene

22.513min (-0.047) 5.11ng/ul

response 103751

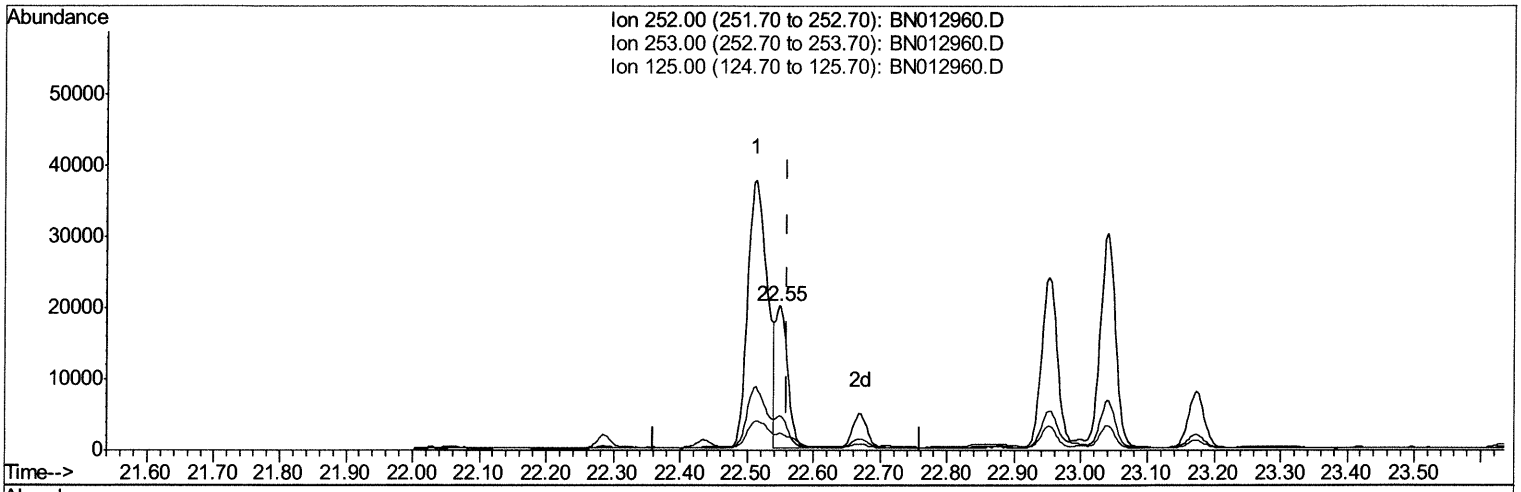
Ion	Exp%	Act%
252.00	100	100
253.00	29.30	23.55
125.00	13.90	11.14
0.00	0.00	0.00

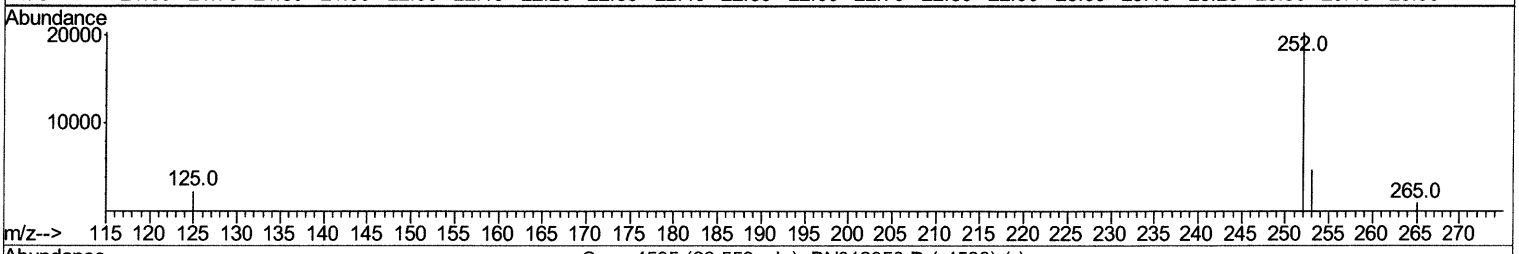
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012960.D
Acq On : 08 Dec 2020 04:20
Operator : CG/JU
Sample : L4862-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

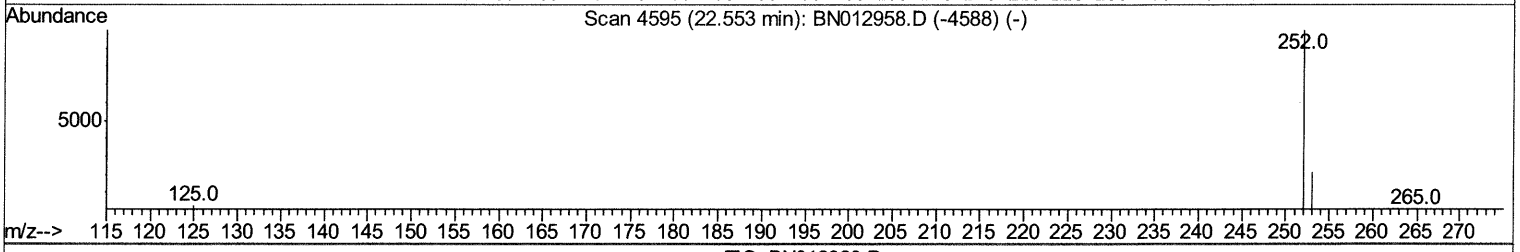
Quant Time: Dec 08 06:55:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 06:48:20 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual Integrations APPROVED
mohammad
12/9/2020 12:23:20 PM







TIC: BN012960.D

(22) Benzo(k)fluoranthene

22.548min (-0.012) 1.27ng/ul m 12/09/2020

response 25688

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	23.94
125.00	13.90	11.68
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012960.D
Acq On : 08 Dec 2020 04:20
Operator : CG/JU
Sample : L4862-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual Integrations APPROVED
mohammad
12/9/2020 12:23:20 PM

Quant Time: Dec 08 06:57:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 06:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	902	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	3723	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2237	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4791m>	0.40	ng/ul>	0.00 12/04/20 JU
16) Chrysene-d12	21.03	240	4370	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3969	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1731	0.31	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	4011	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	1813	0.168	ng/ul	99
5) 2-Methylnaphthalene	11.83	142	690	0.098	ng/ul	97
7) Acenaphthylene	13.76	152	752	0.071	ng/ul#	85
8) Acenaphthene	14.11	153	5006	0.576	ng/ul	99
9) Fluorene	15.11	166	2718	0.273	ng/ul	99
11) Pentachlorophenol	16.47	266	28	0.020	ng/ul	94
12) Phenanthrene	16.85	178	57438	3.576	ng/ul	97
13) Anthracene	16.94	178	9869	0.722	ng/ul	95
15) Fluoranthene	18.88	202	104614	5.480	ng/ul	96
17) Pyrene	19.25	202	90544	4.387	ng/ul	98
18) Benzo(a)anthracene	21.01	228	48046	2.657	ng/ul	98
19) Chrysene	21.06	228	52965	2.651	ng/ul	99
21) Benzo(b)fluoranthene	22.51	252	77383m }	4.214	ng/ul }	12/04/20 JU
22) Benzo(k)fluoranthene	22.55	252	25688m }	1.266	ng/ul }	
23) Benzo(a)pyrene	23.04	252	48428	2.842	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.18	276	34011	1.520	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	7992	0.451	ng/ul	94
26) Benzo(g,h,i)perylene	25.81	276	34850	1.722	ng/ul	96

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