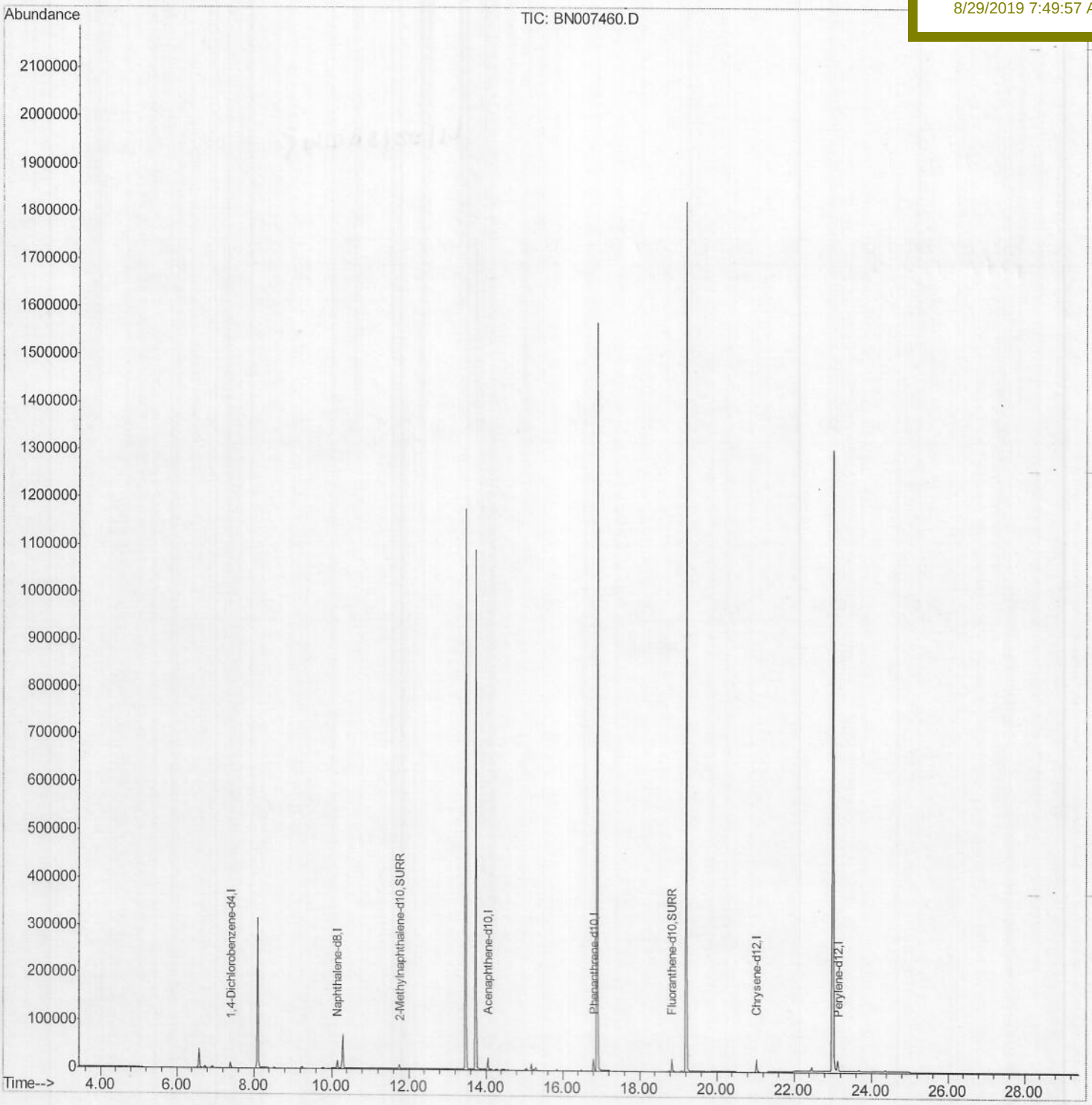
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007460.D
Acq On : 28 Aug 2019 10:14
Operator : HP/JU
Sample : PB122343BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 28 11:53:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK43

Manual Integrations APPROVED
mohammad
8/29/2019 7:49:57 AM



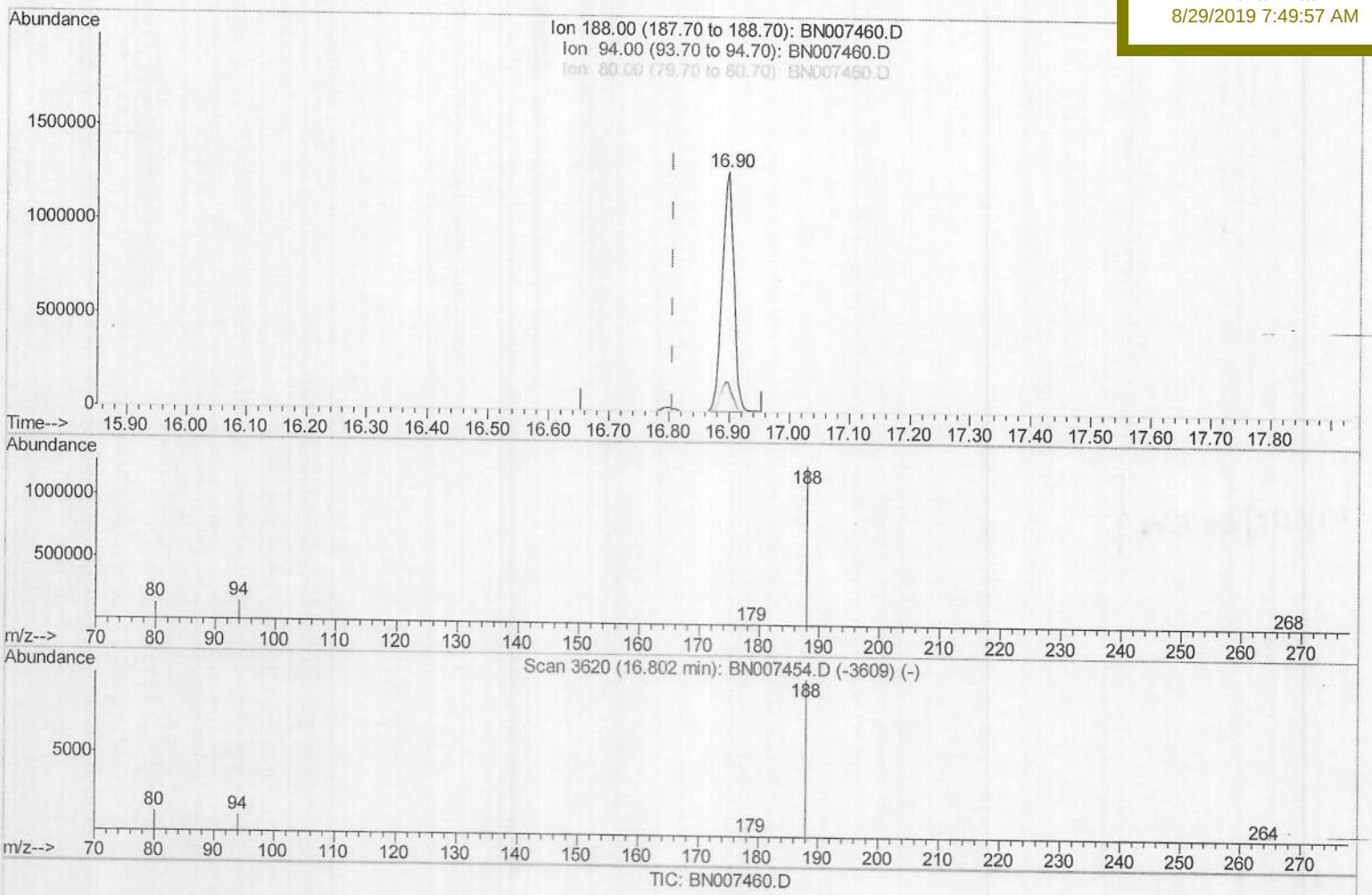
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007460.D
Acq On : 28 Aug 2019 10:14
Operator : HP/JU
Sample : PB122343BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 28 11:49:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK43

Manual Integrations APPROVED
mohammad
8/29/2019 7:49:57 AM



TIC: BN007460.D

(10) Phenanthrene-d10 (I)

16.899min (+0.093) 0.40ng/ul

response 1758765

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	11.68
80.00	12.40	10.63
0.00	0.00	0.00

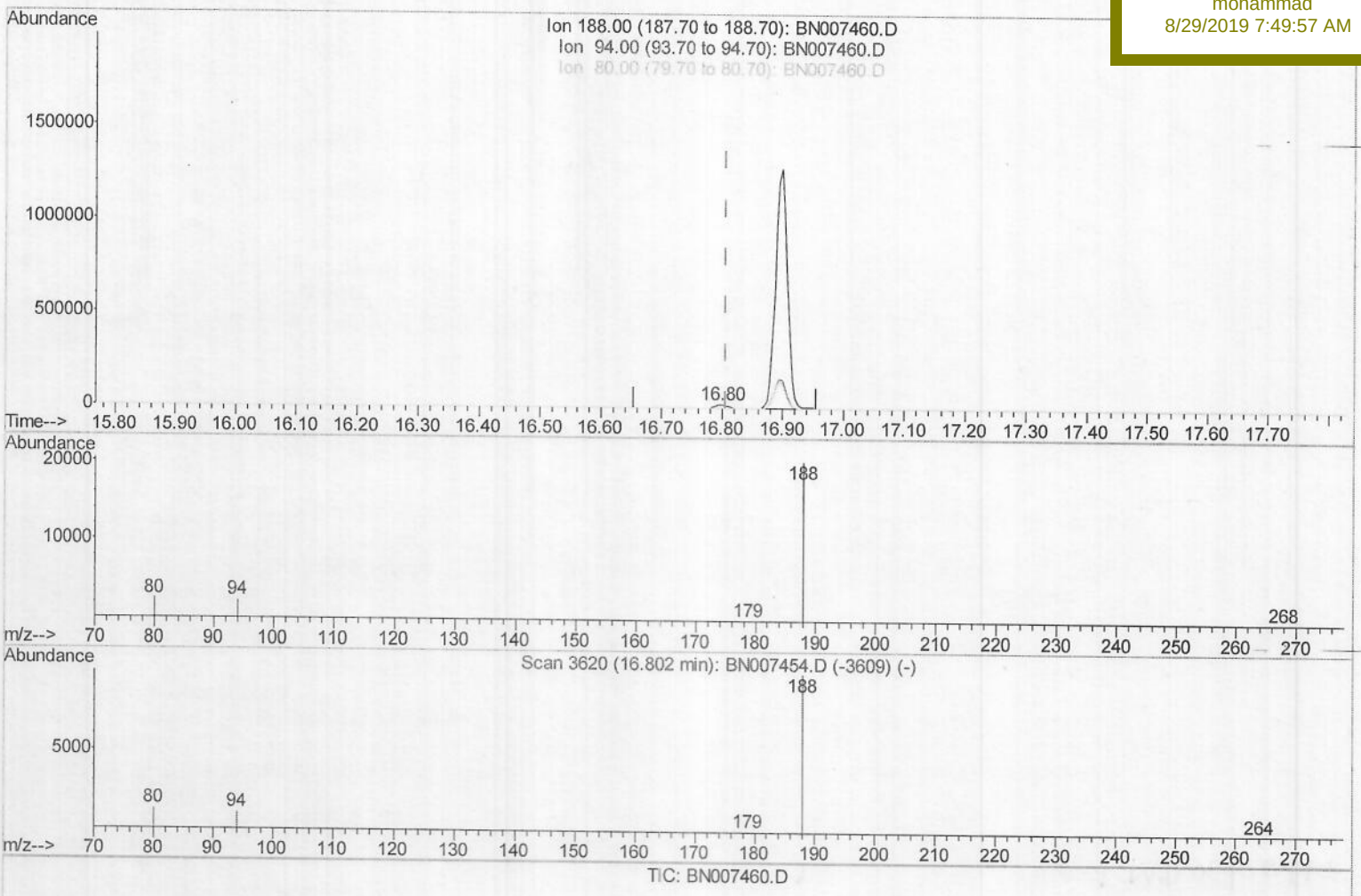
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007460.D
Acq On : 28 Aug 2019 10:14
Operator : HP/JU
Sample : PB122343BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 28 11:49:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK43

Manual Integrations APPROVED
mohammad
8/29/2019 7:49:57 AM



(10) Phenanthrene-d10 (I)

16.797min (-0.009) 0.40ng/ul m) JU 08/29/19

response 28249

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	11.23
80.00	12.40	12.27
0.00	0.00	0.00

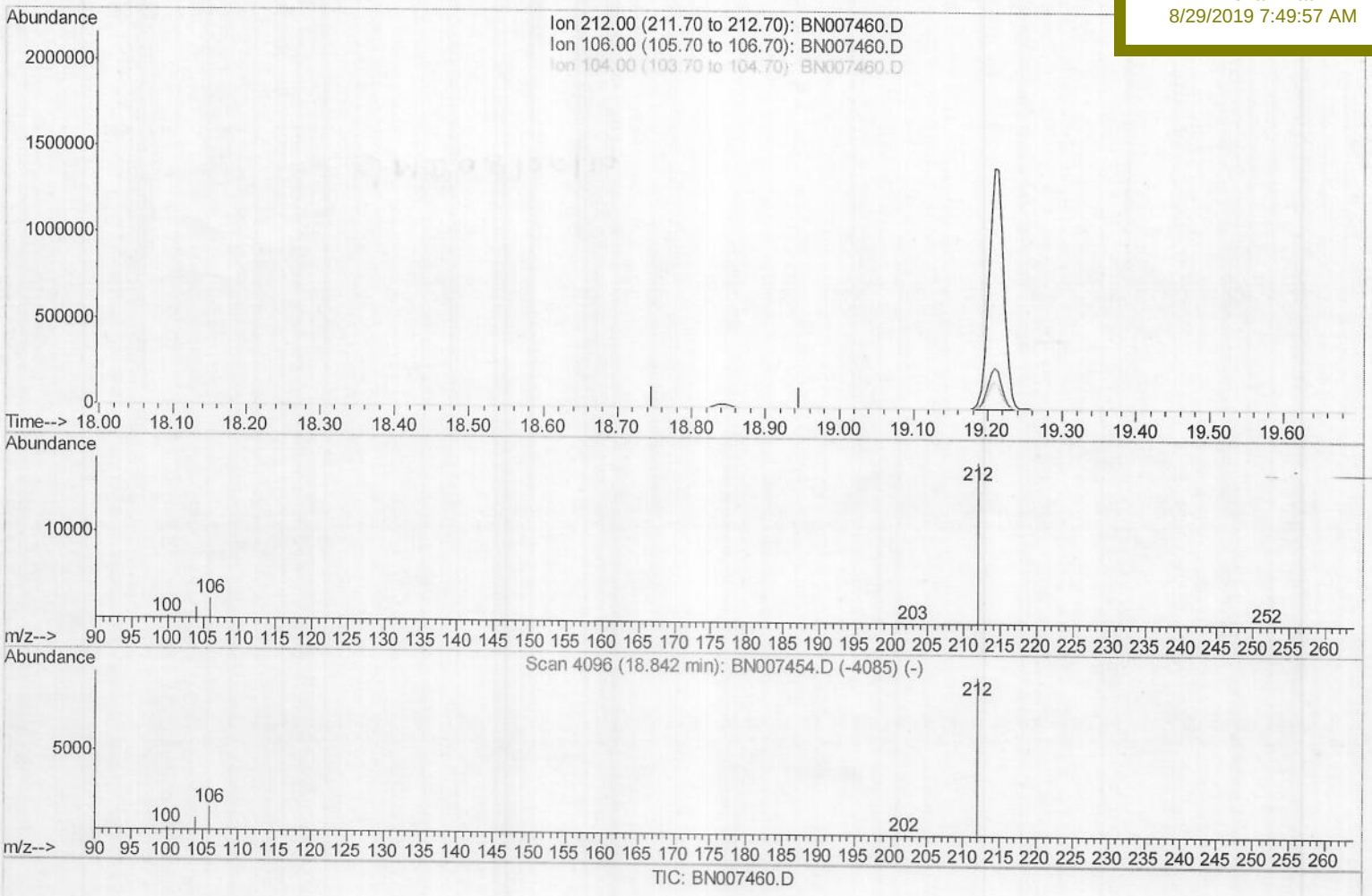
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007460.D
Acq On : 28 Aug 2019 10:14
Operator : HP/JU
Sample : PB122343BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 28 11:51:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK43

Manual Integrations APPROVED
mohammad
8/29/2019 7:49:57 AM



(14) Fluoranthene-d10 (SURR)

18.847min (-18.847) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.30	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

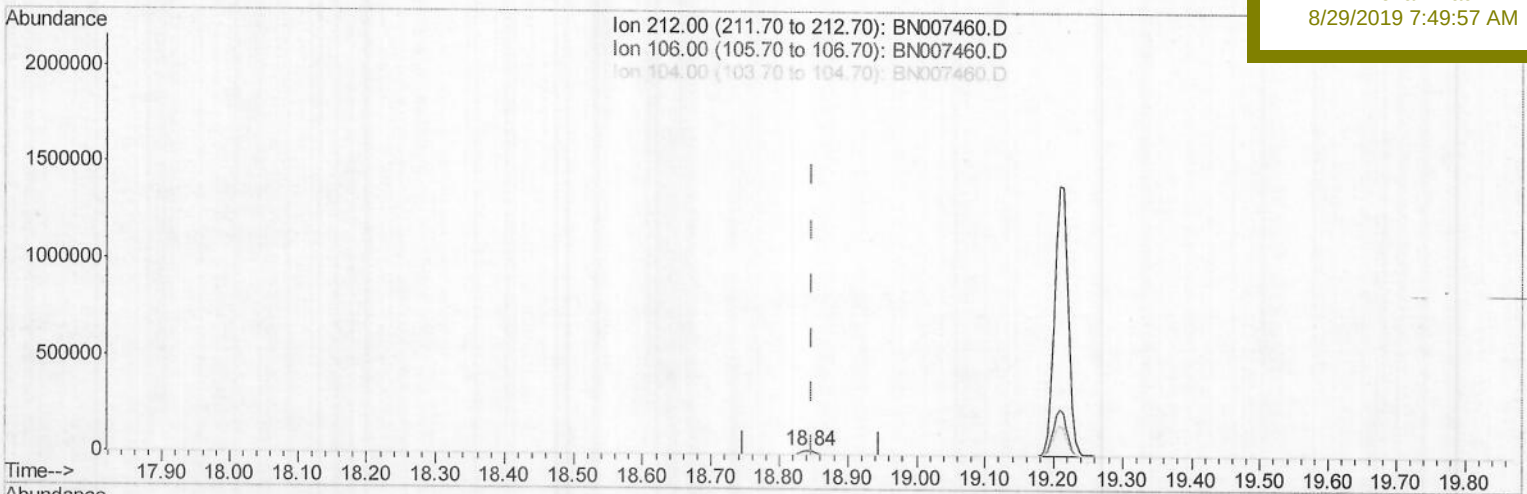
Quantitation Report (Qedit)

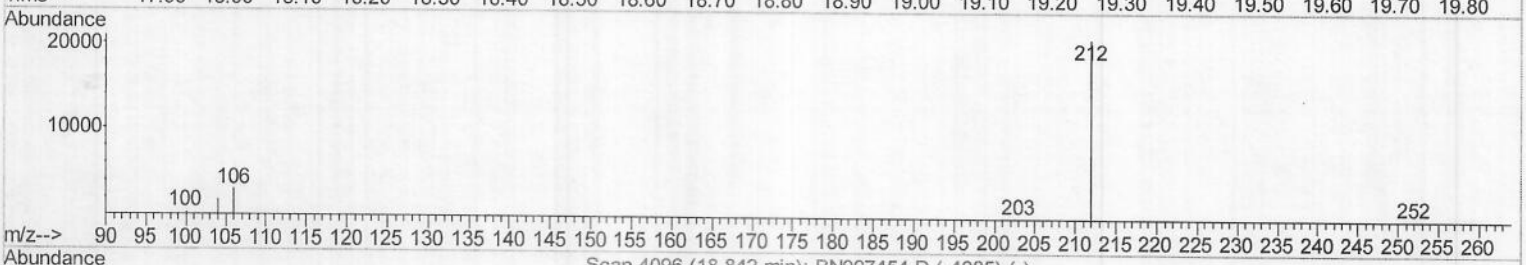
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007460.D
Acq On : 28 Aug 2019 10:14
Operator : HP/JU
Sample : PB122343BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

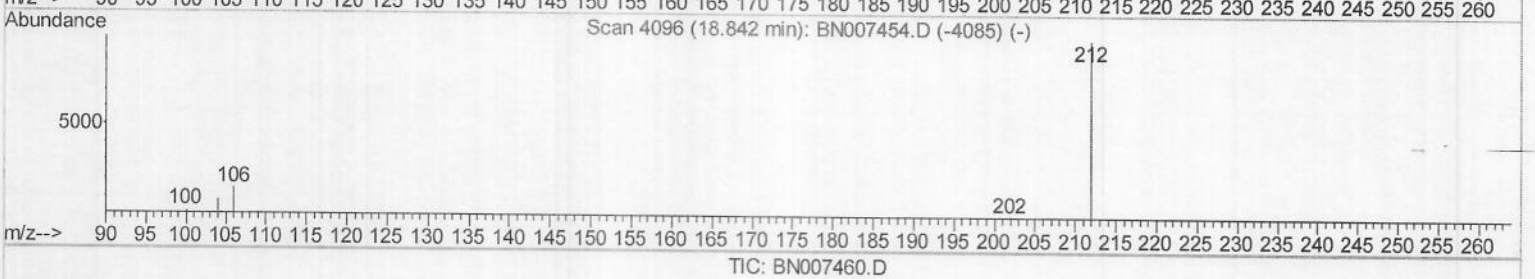
Quant Time: Aug 28 11:51:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK43

Manual Integrations APPROVED
mohammad
8/29/2019 7:49:57 AM







(14) Fluoranthene-d10 (SURR)

18.842min (-0.005) 0.30ng/ul m) JU
08/29/19

response 27183

Ion	Exp%	Act%
212.00	100	100
106.00	14.30	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

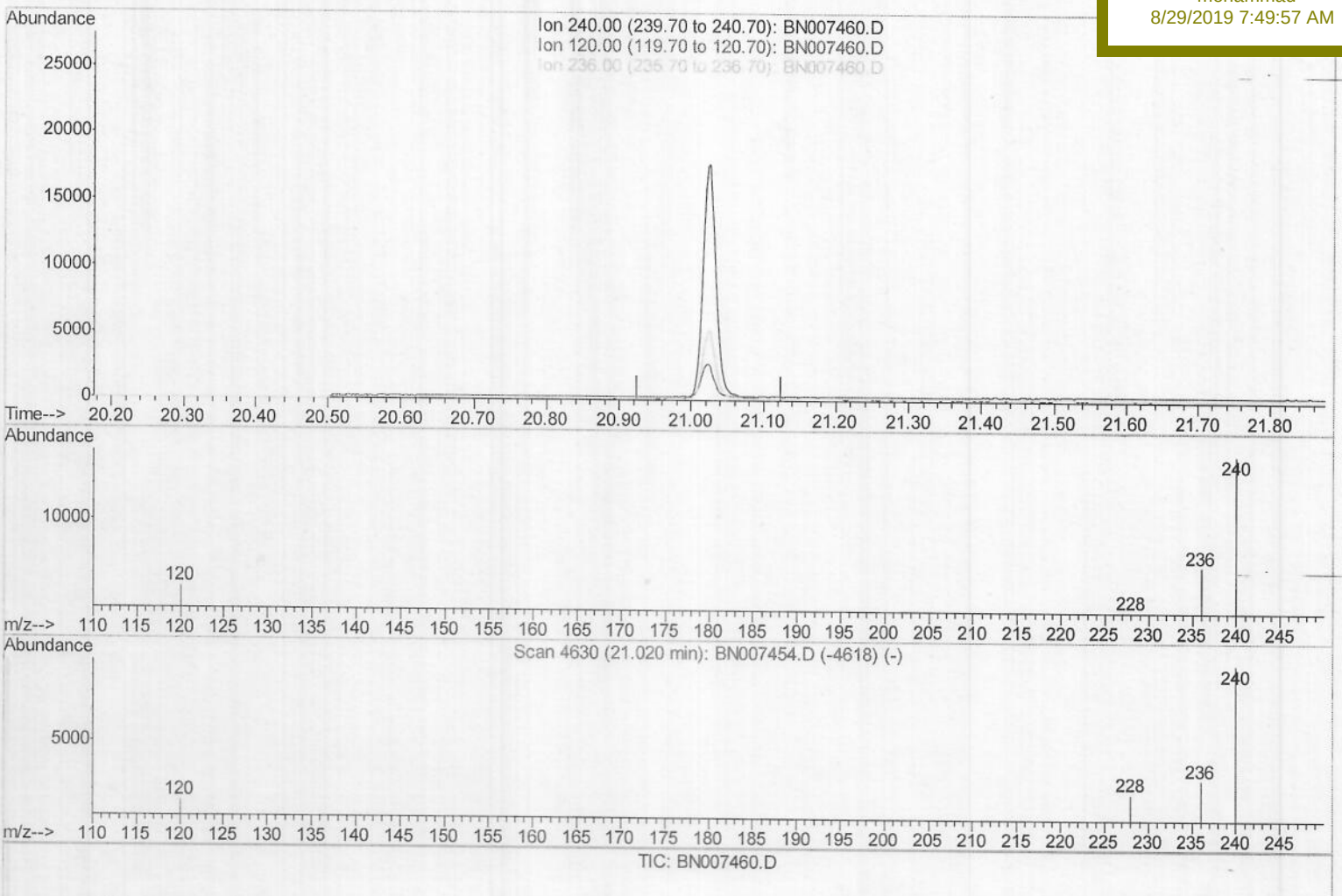
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007460.D
Acq On : 28 Aug 2019 10:14
Operator : HP/JU
Sample : PB122343BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 28 11:51:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK43

Manual Integrations APPROVED
mohammad
8/29/2019 7:49:57 AM



TIC: BN007460.D

(16) Chrysene-d12 (I)

21.026min (-21.026) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	15.00	0.00#
236.00	28.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007460.D
Acq On : 28 Aug 2019 10:14
Operator : HP/JU
Sample : PB122343BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 28 11:51:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK43

Manual Integrations APPROVED
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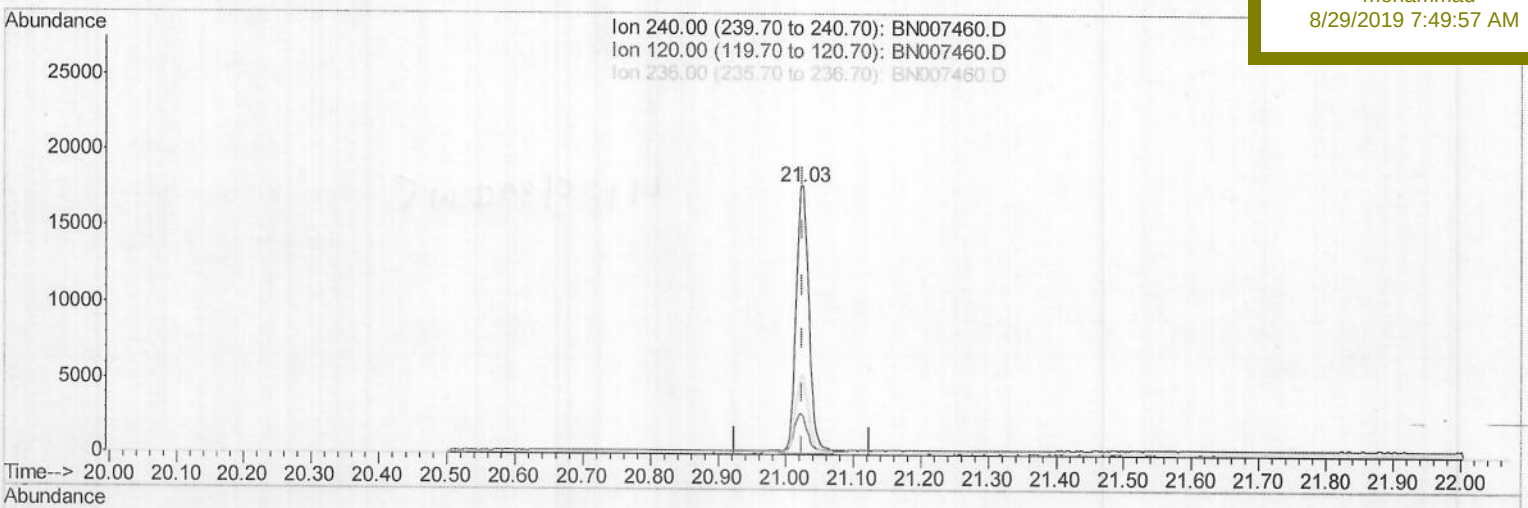
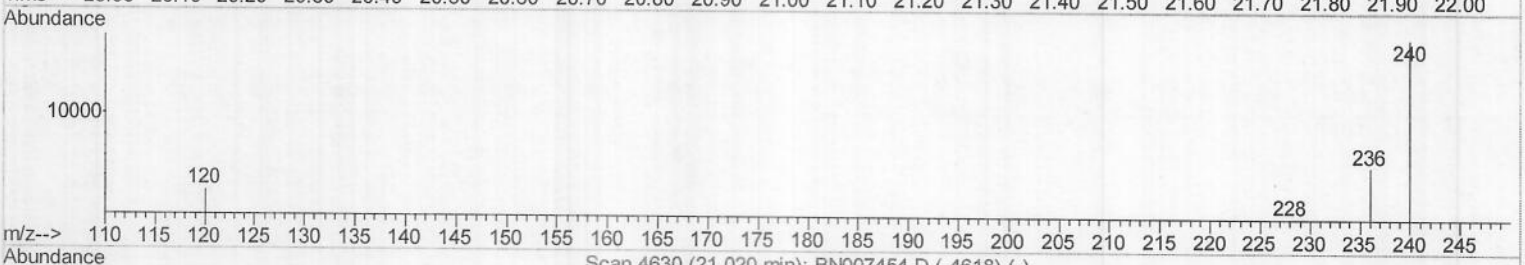
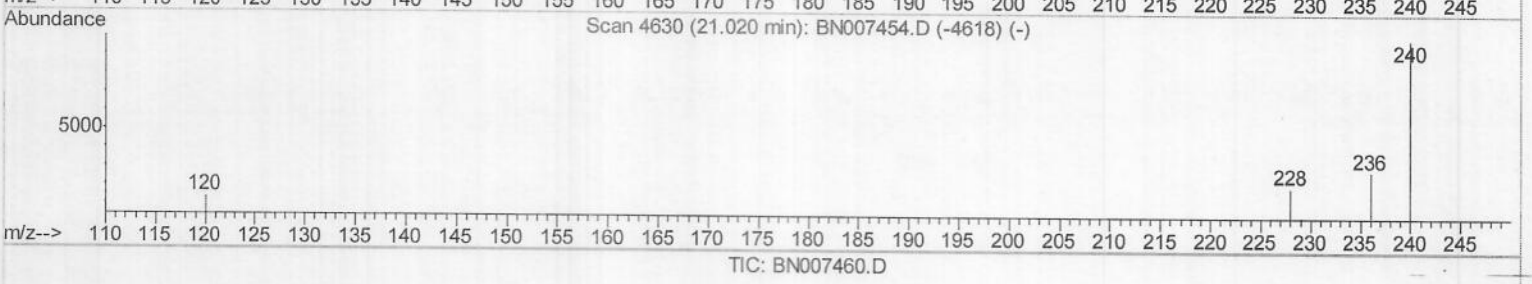
8/29/2019 7:49:57 AM







(16) Chrysene-d12 (I)

21.026min (-0.000) 0.40ng/ul m JU 08/29/19

response 23381

Ion	Exp%	Act%
240.00	100	100
120.00	15.00	14.71
236.00	28.60	29.92
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007460.D
Acq On : 28 Aug 2019 10:14
Operator : HP/JU
Sample : PB122343BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 28 11:52:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK43

Manual Integrations APPROVED
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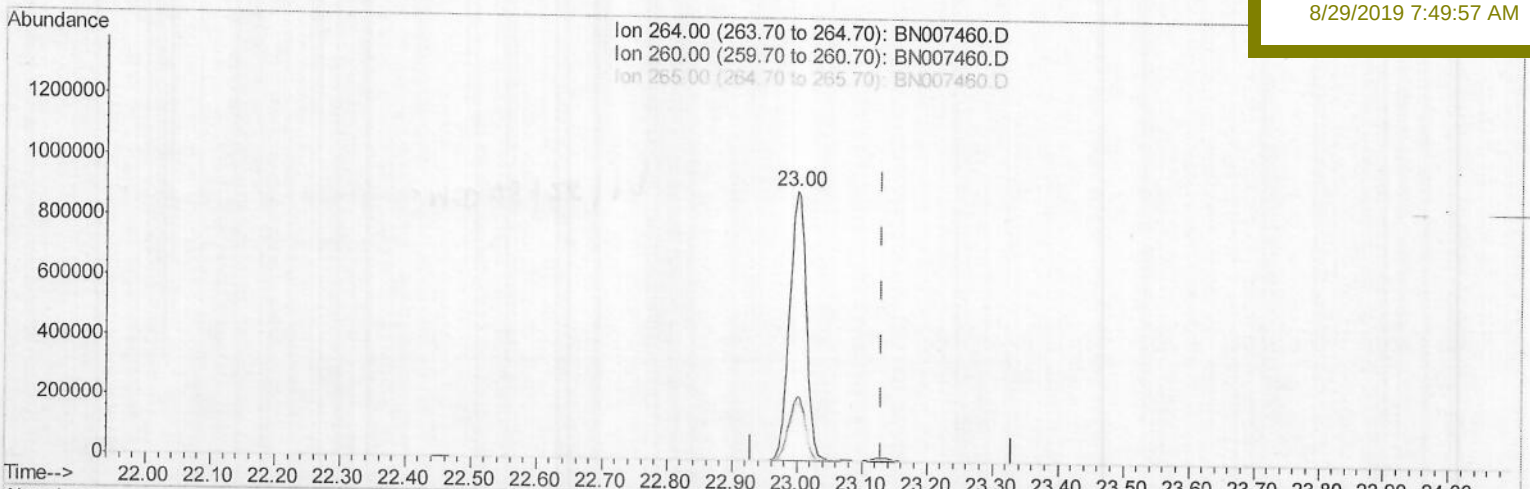
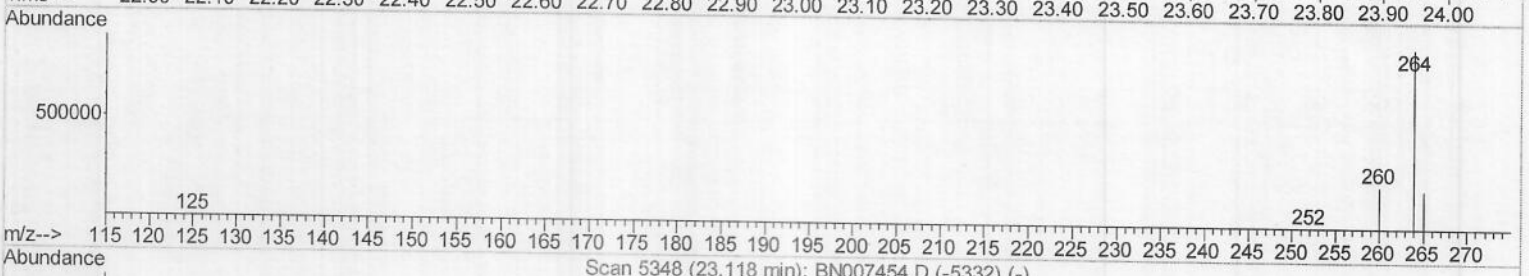
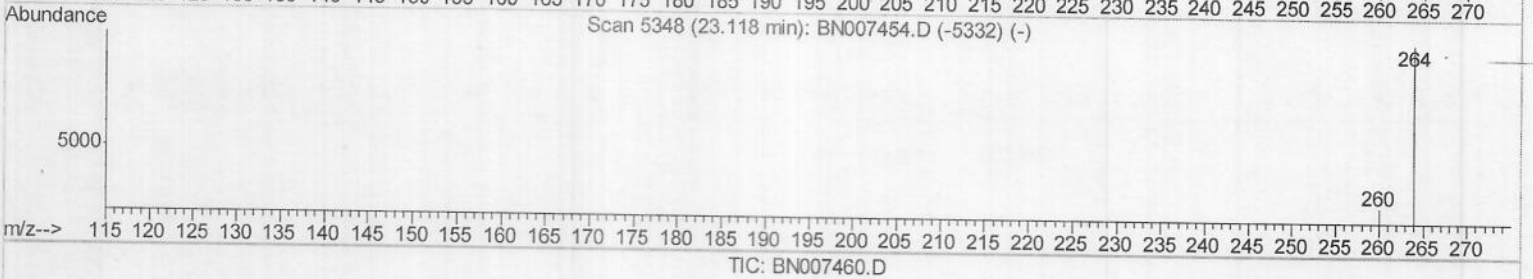






(20) Perylene-d12 (I)

23.001min (-0.129) 0.40ng/ul

response 1620214

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	23.47
265.00	35.80	21.18#
0.00	0.00	0.00

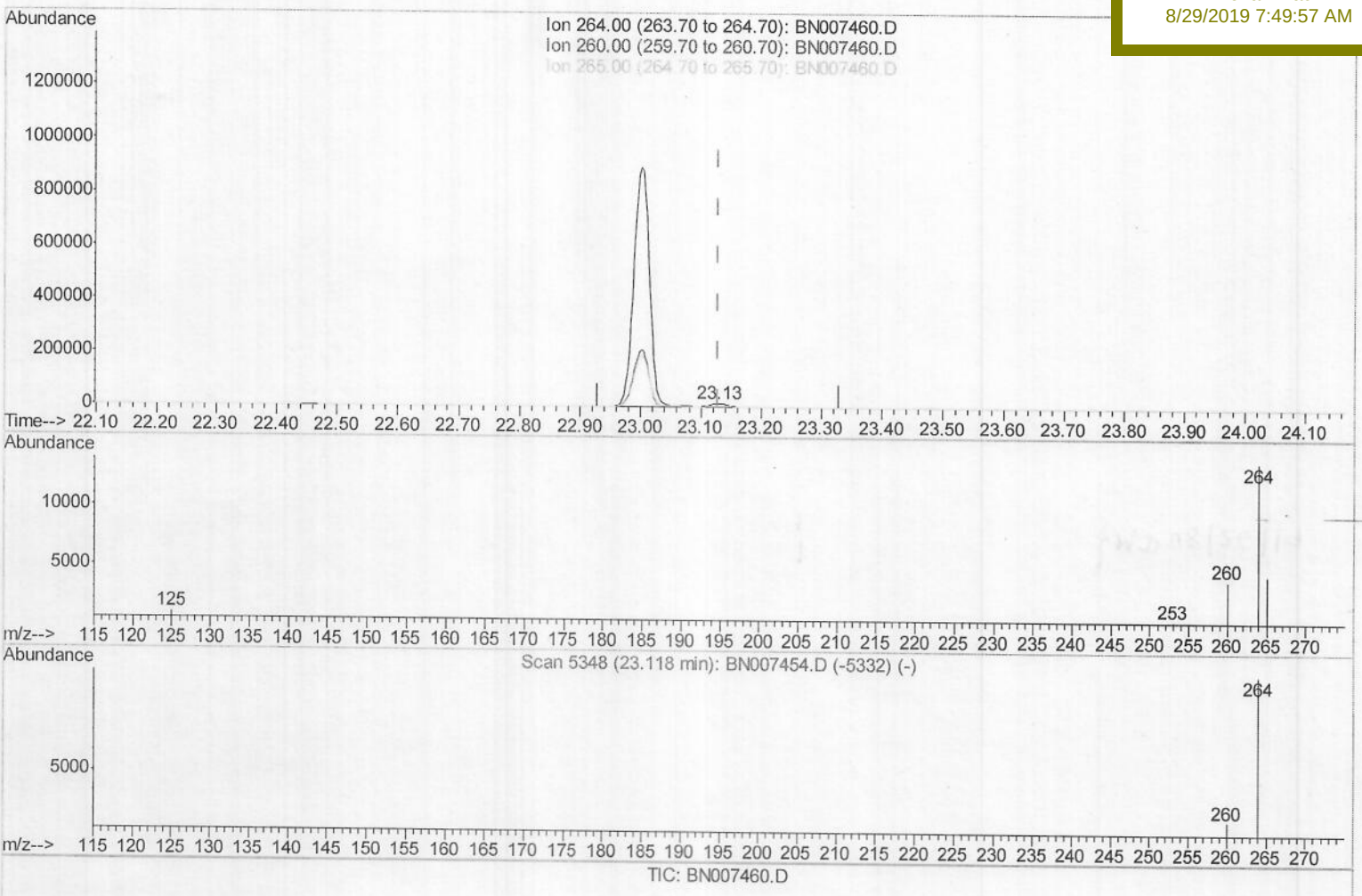
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007460.D
Acq On : 28 Aug 2019 10:14
Operator : HP/JU
Sample : PB122343BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 28 11:52:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK43

Manual Integrations APPROVED
mohammad
8/29/2019 7:49:57 AM



TIC: BN007460.D

(20) Perylene-d12 (I)

23.127min (-0.003) 0.40ng/ul m) JU 08/29/19

response 21545

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	28.19
265.00	35.80	31.63
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007460.D
Acq On : 28 Aug 2019 10:14
Operator : HP/JU
Sample : PB122343BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 28 11:53:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations APPROVED
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8/29/2019 7:49:57 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5426	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	22329	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	12603	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	28249m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	23381m	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	21545m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	11527	0.33	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	27183m	0.30	ng/ul	0.00
Target Compounds						Qvalue

JU 08/29/19

JU 08/29/19

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