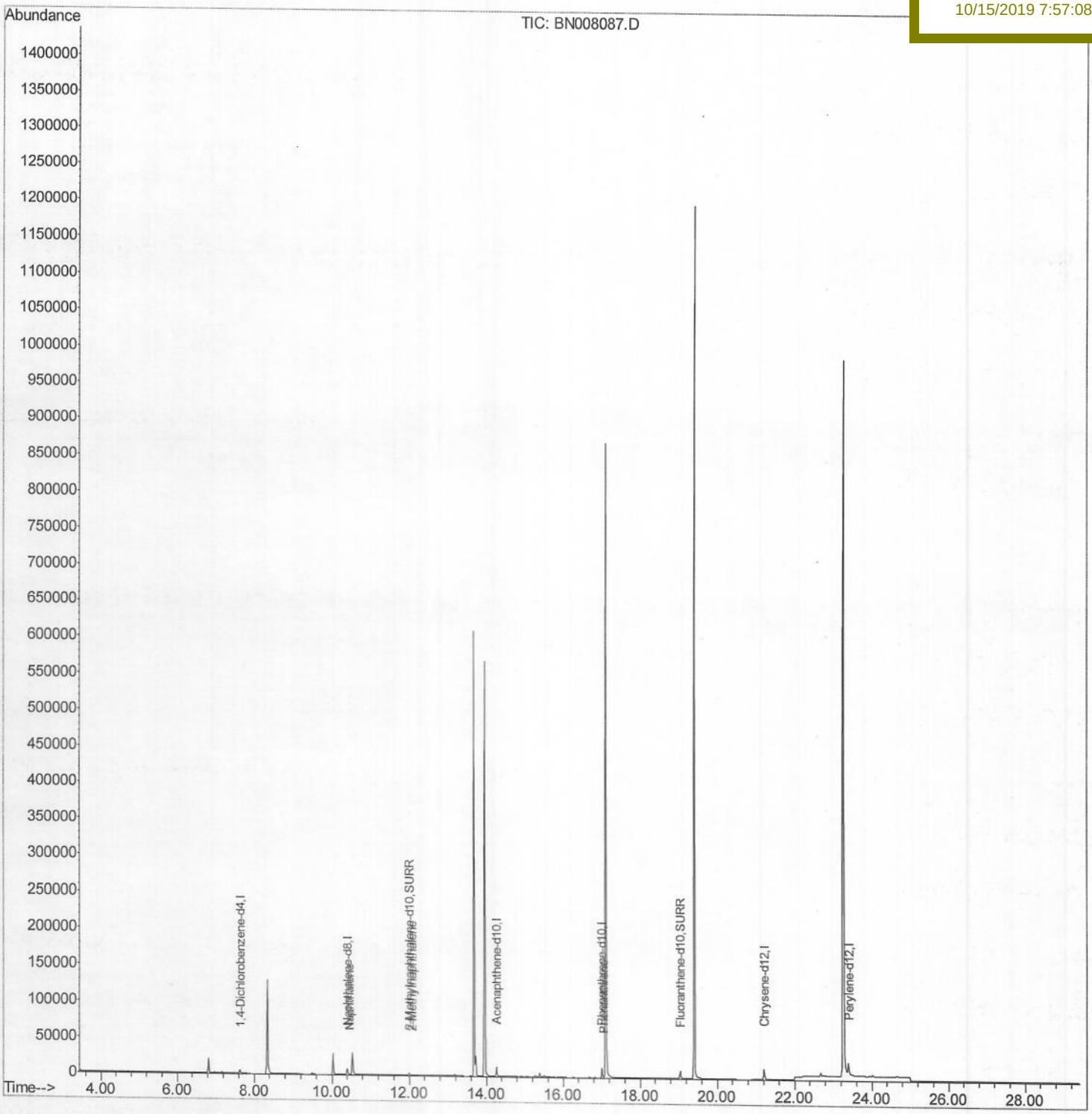
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008087.D
Acq On : 11 Oct 2019 20:53
Operator : JU
Sample : K5050-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 12 06:45:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMD6

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:08 AM



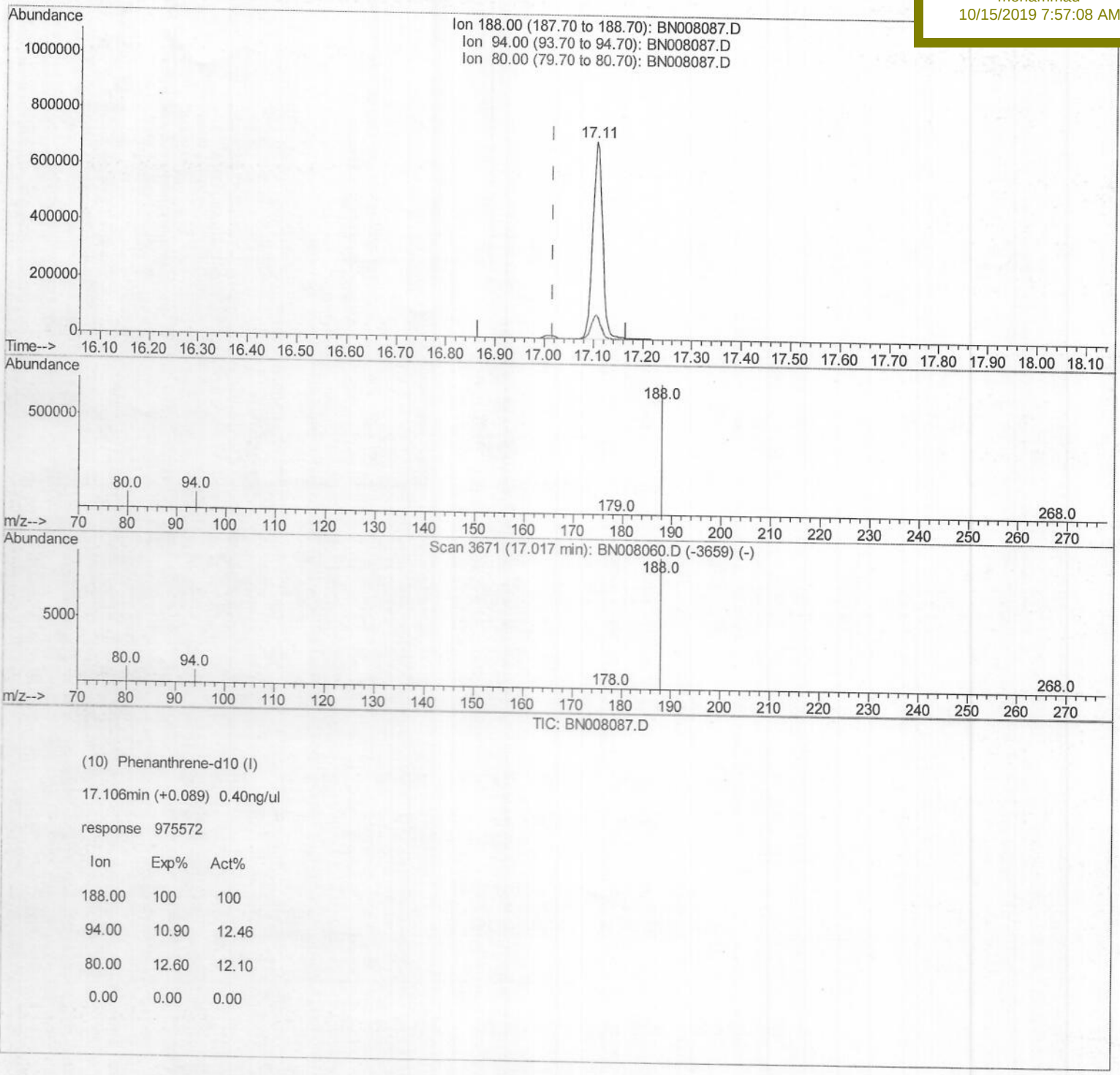
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008087.D
Acq On : 11 Oct 2019 20:53
Operator : JU
Sample : K5050-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 11 23:16:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMD6

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:08 AM



(10) Phenanthrene-d10 (I)

17.106min (+0.089) 0.40ng/ul

response 975572

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.46
80.00	12.60	12.10
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BN008087.D
Acq On : 11 Oct 2019 20:53
Operator : JU
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Quant Time: Oct 11 23:16:30 2019
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BNA_N
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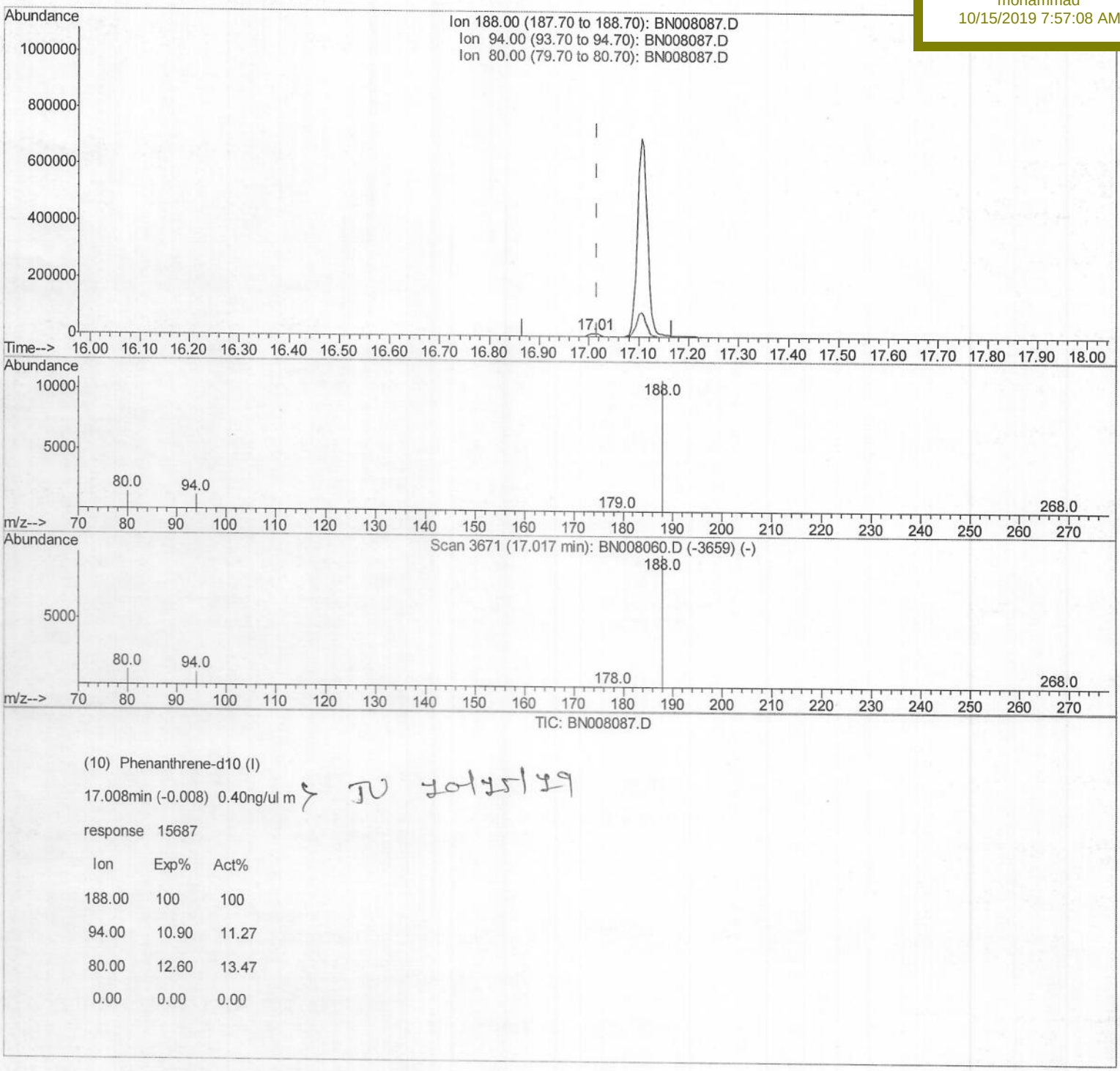
JLMD6

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:08 AM



TIC: BN008087.D

(10) Phenanthrene-d10 (I)

17.008min (-0.008) 0.40ng/ul m JU 10/15/19

response 15687

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.27
80.00	12.60	13.47
0.00	0.00	0.00

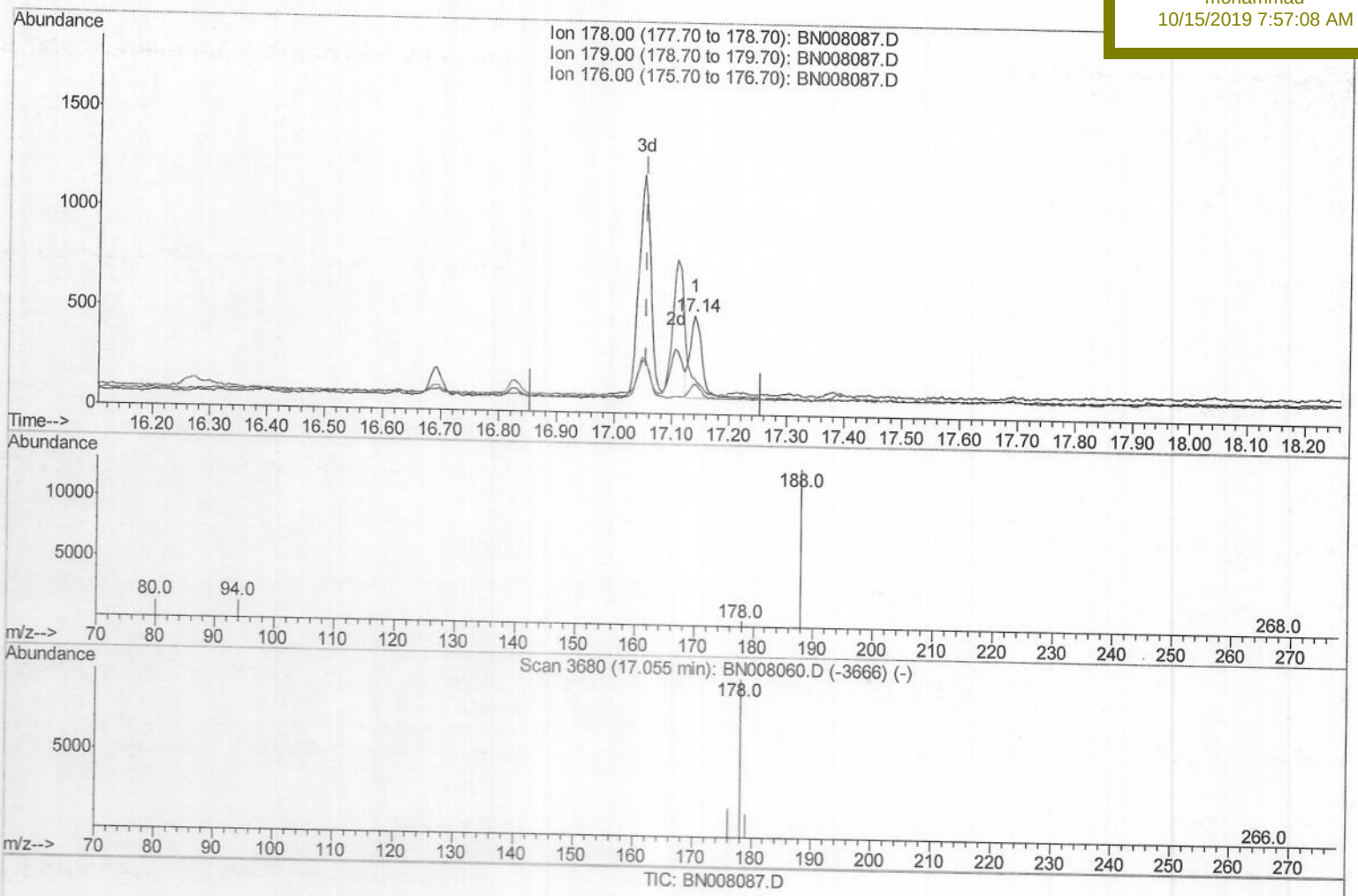
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008087.D
Acq On : 11 Oct 2019 20:53
Operator : JU
Sample : K5050-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 12 06:43:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMD6

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:08 AM



TIC: BN008087.D

(12) Phenanthrene

17.139min (+0.084) 0.01ng/ul

response 635

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	36.79#
176.00	19.30	31.50#
0.00	0.00	0.00

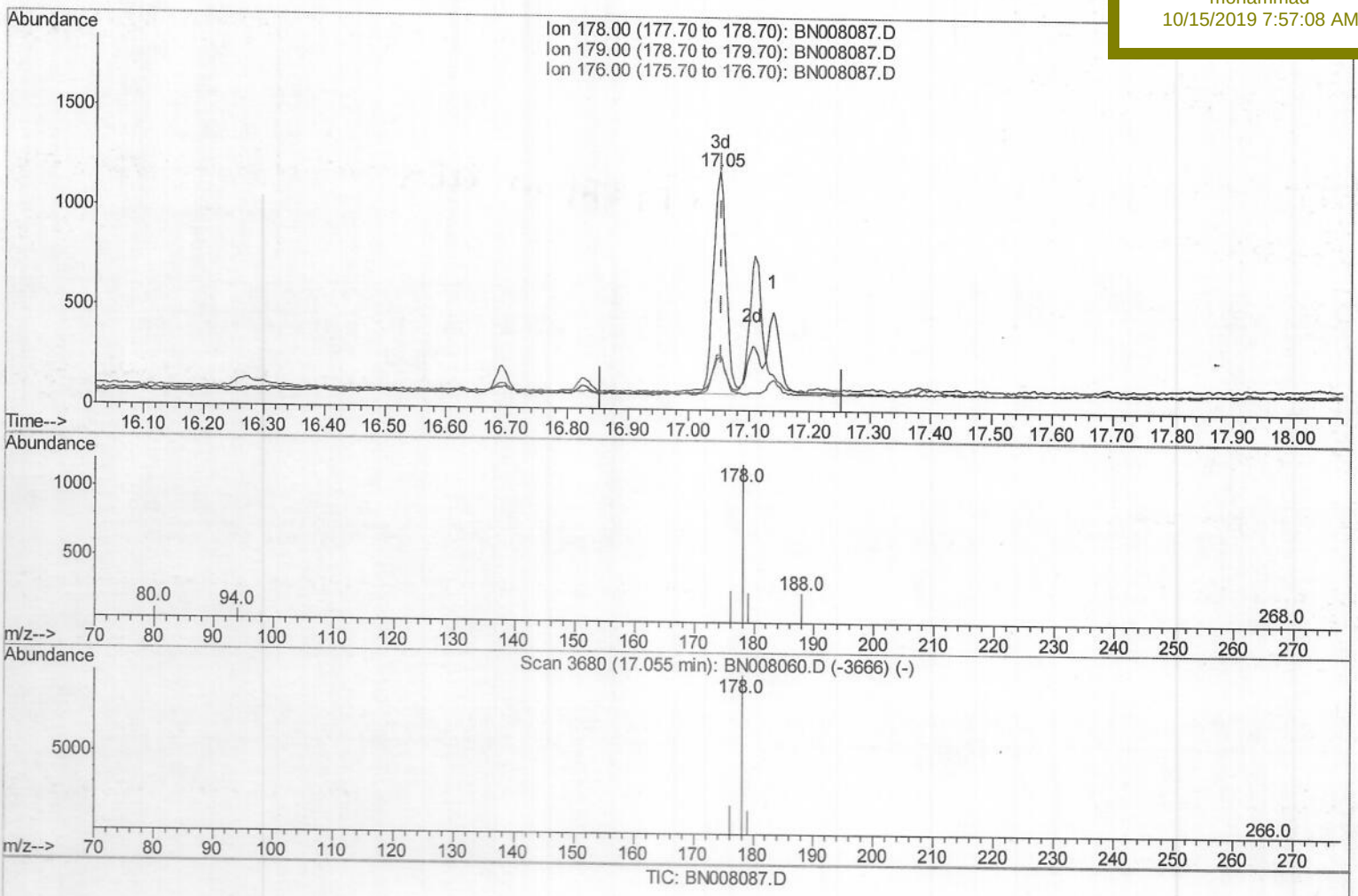
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008087.D
Acq On : 11 Oct 2019 20:53
Operator : JU
Sample : K5050-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 12 06:43:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMD6

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:08 AM



TIC: BN008087.D

(12) Phenanthrene

17.051min (-0.004) 0.03ng/ul m & JU 10/15/19

response 1584

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	22.14#
176.00	19.30	23.39#
0.00	0.00	0.00

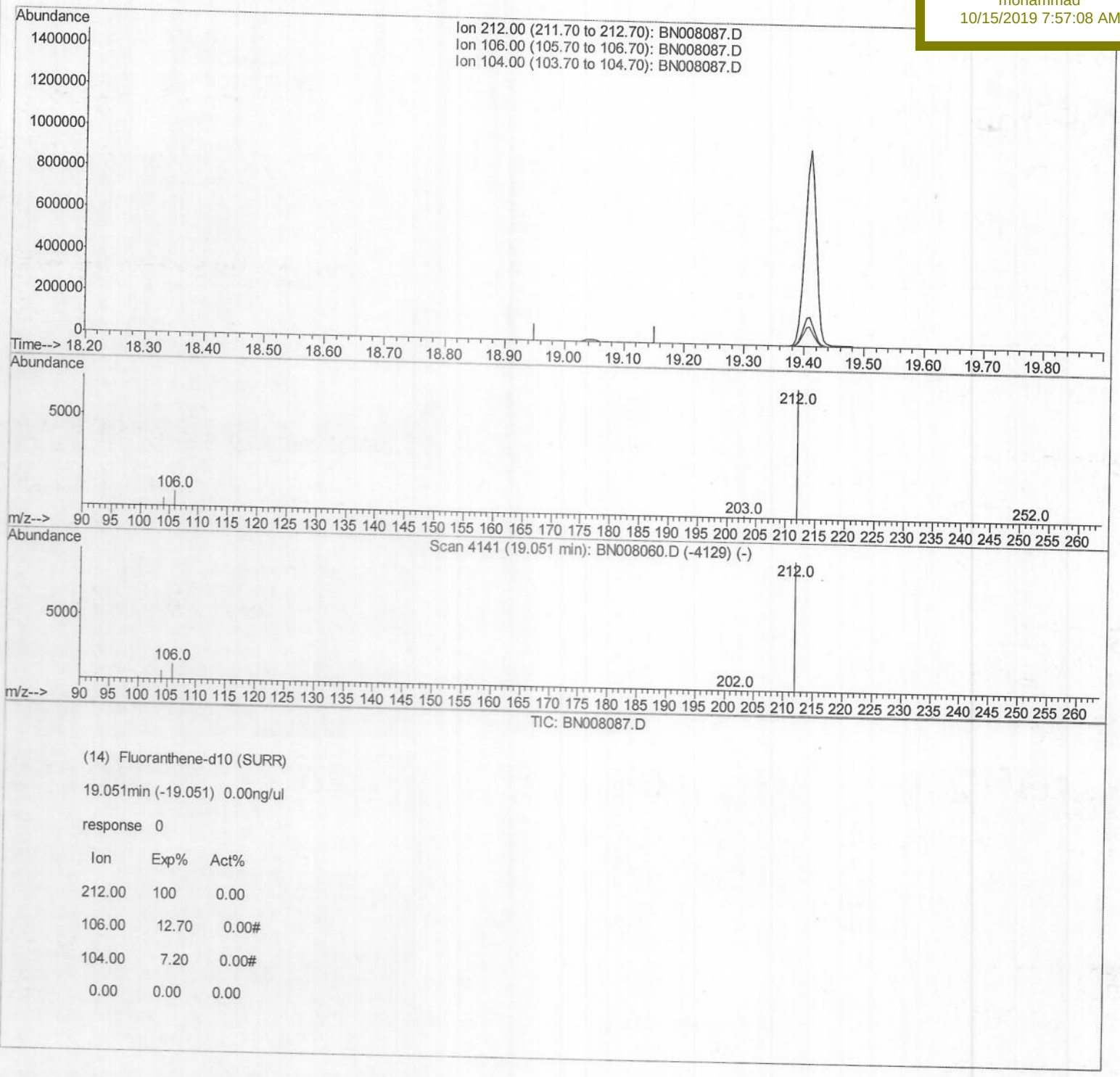
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008087.D
Acq On : 11 Oct 2019 20:53
Operator : JU
Sample : K5050-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 12 06:44:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMD6

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:08 AM



(14) Fluoranthene-d10 (SURR)

19.051min (-19.051) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

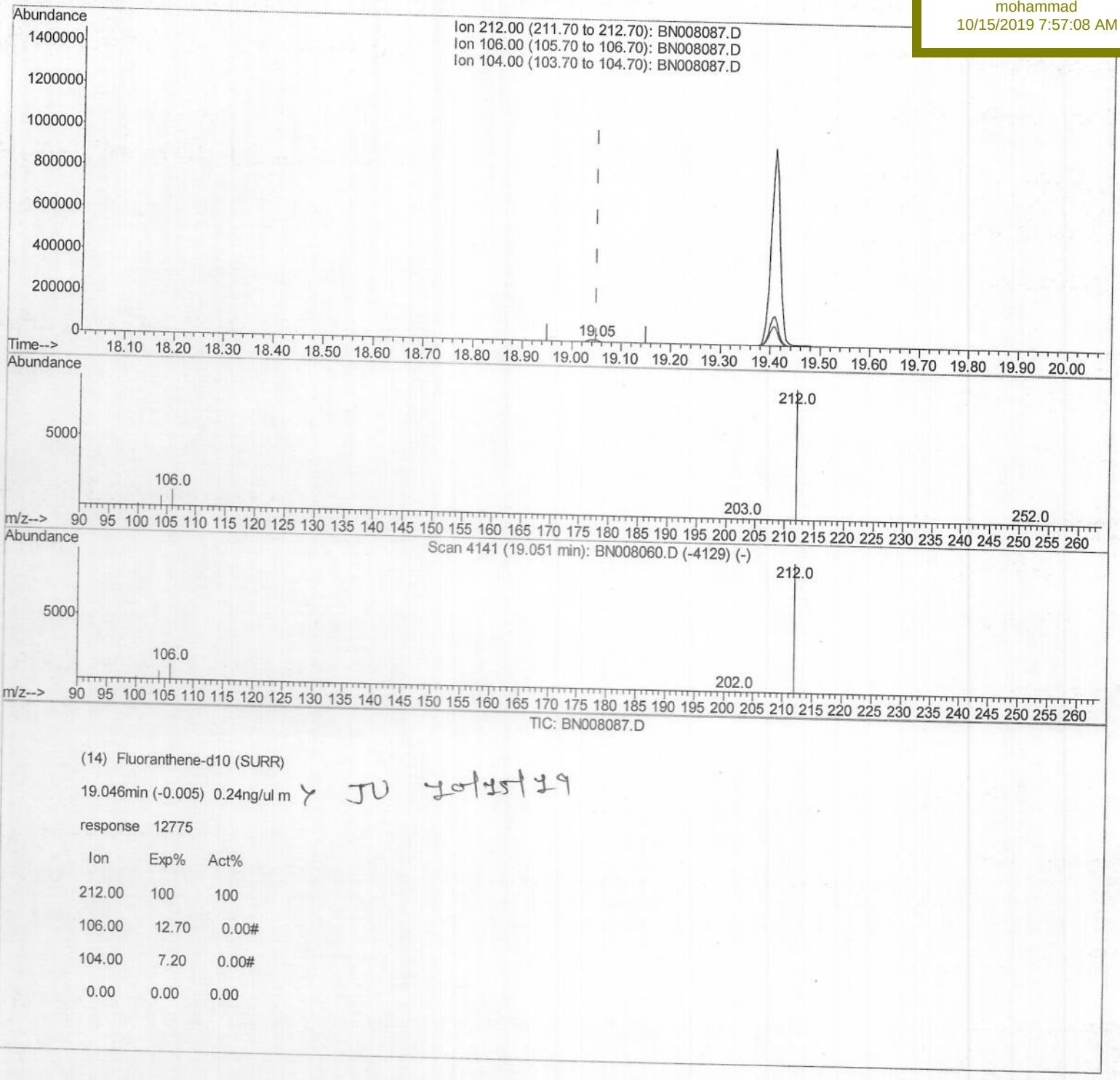
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008087.D
Acq On : 11 Oct 2019 20:53
Operator : JU
Sample : K5050-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 12 06:44:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMD6

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:08 AM



TIC: BN008087.D

(14) Fluoranthene-d10 (SURR)

19.046min (-0.005) 0.24ng/ul m Y JU 10/15/19

response 12775

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008087.D
Acq On : 11 Oct 2019 20:53
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Sample : K5050-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
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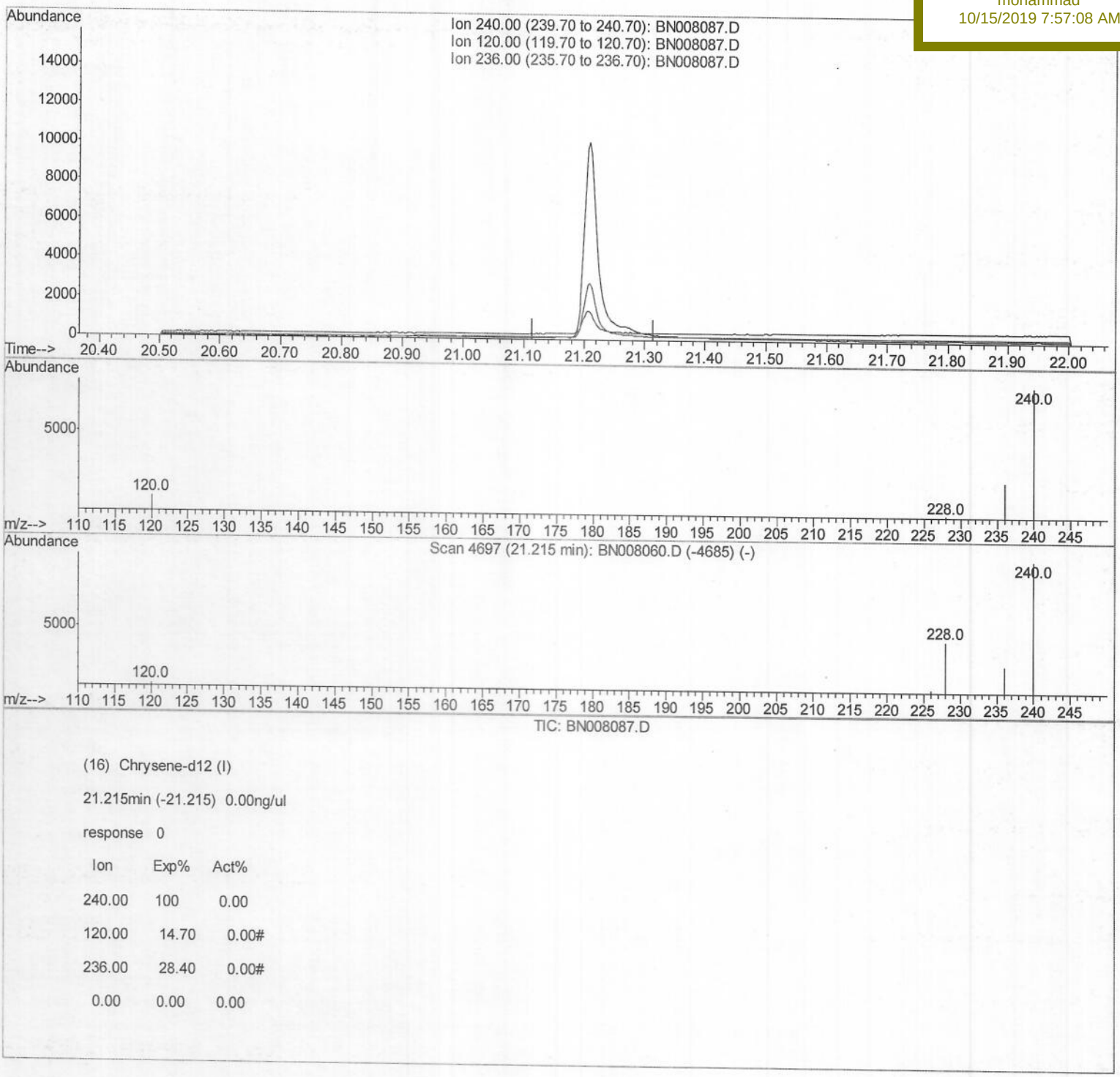
Instrument :
BNA_N
ClientSampleId :
JLMD6

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:08 AM



(16) Chrysene-d12 (I)

21.215min (-21.215) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	14.70	0.00#
236.00	28.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BN008087.D
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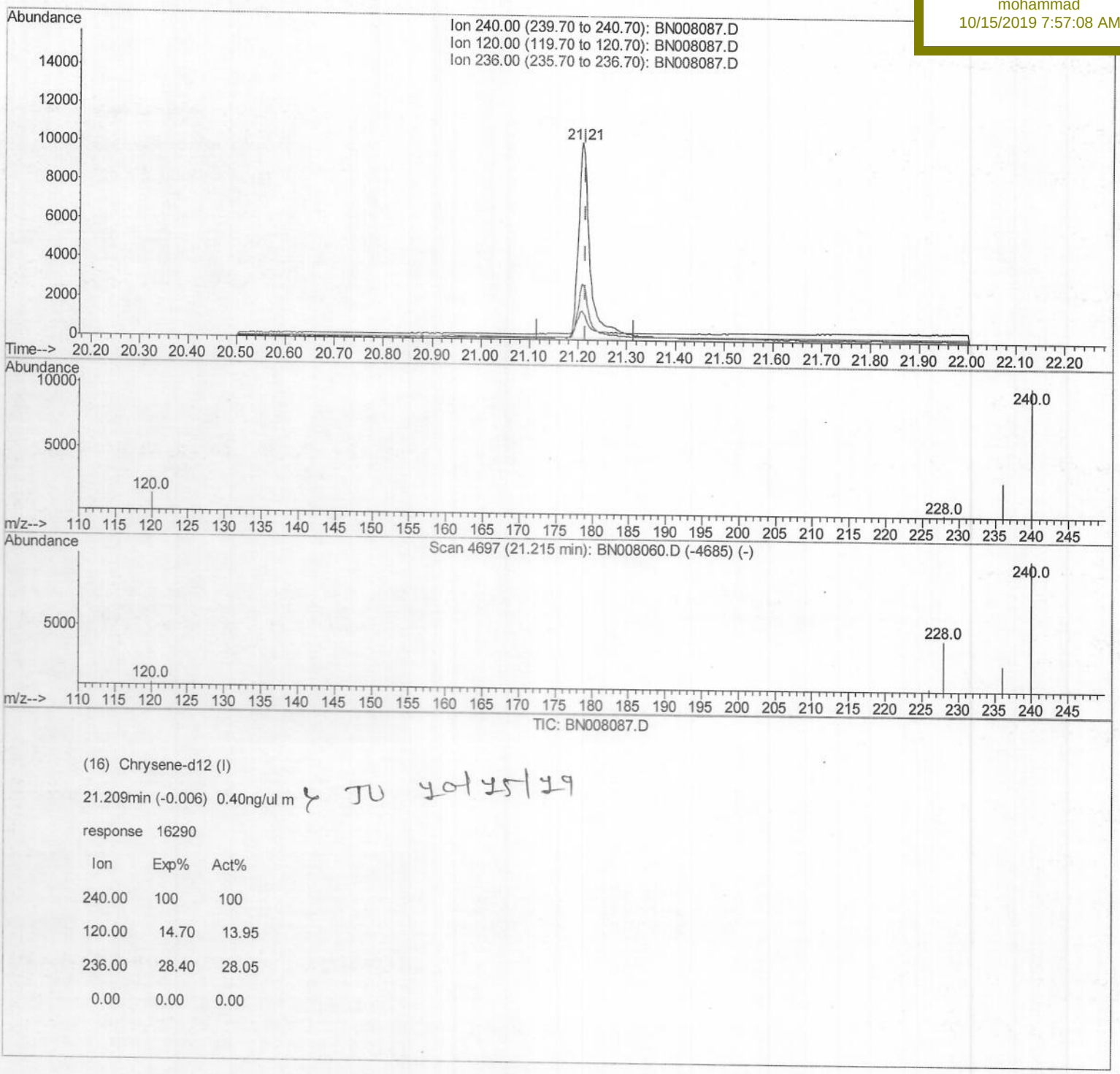
Sample : K5050-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 12 06:44:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMD6

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:08 AM



TIC: BN008087.D

(16) Chrysene-d12 (I)

21.209min (-0.006) 0.40ng/ul m JU 10/15/19

response 16290

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	13.95
236.00	28.40	28.05
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008087.D
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Operator : JU
Sample : K5050-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

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QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : JLMD6

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:08 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2413	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	11018	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	7093	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	15687m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	16290m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	22719	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	4455	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	12775m	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	845	0.027	ng/ul#	74
5) 2-Methylnaphthalene	12.07	142	800	0.037	ng/ul	96
12) Phenanthrene	17.05	178	1584m	0.034	ng/ul	

JU 10/15/19

JU 10/15/19

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