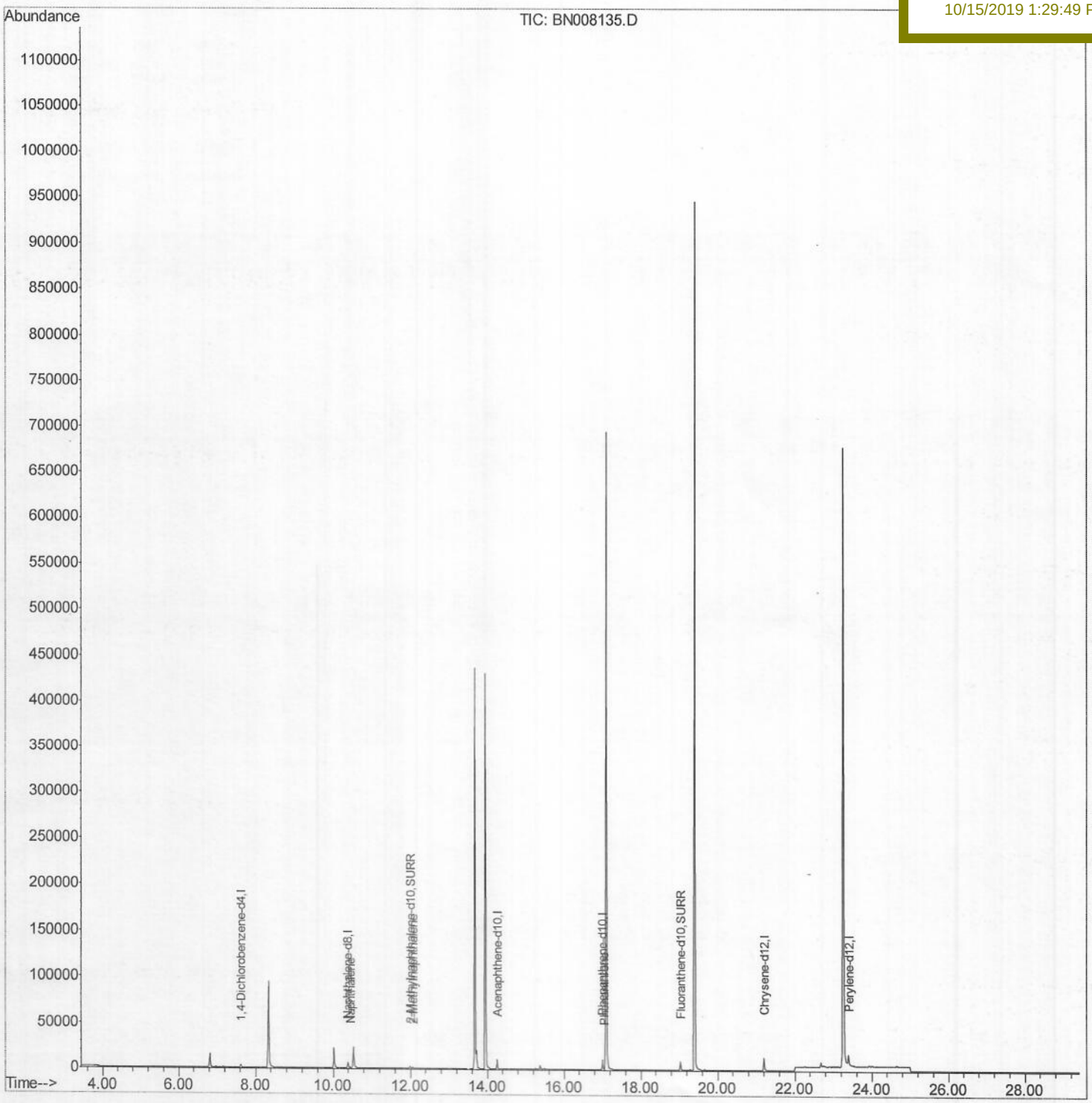
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008135.D
Acq On : 14 Oct 2019 15:38
Operator : JU
Sample : K5050-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 14 17:48:41 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 : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB4

Manual Integrations APPROVED
mohammad
10/15/2019 1:29:49 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008135.D
Acq On : 14 Oct 2019 15:38
Operator : JU
Sample : K5050-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 14 17:46:10 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 : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB4

Manual Integrations APPROVED
mohammad
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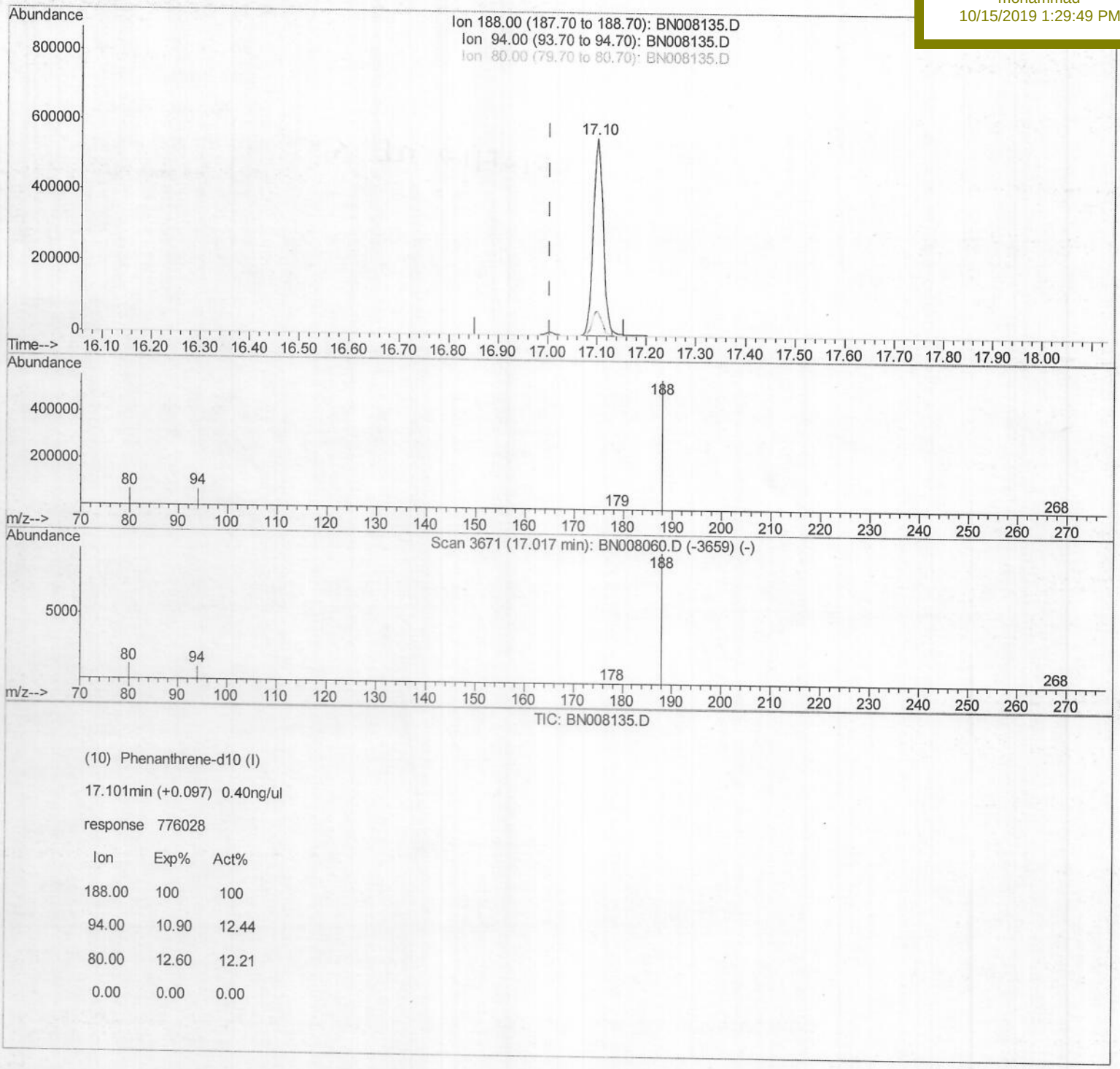

TIC: BN008135.D

(10) Phenanthrene-d10 (I)

17.101min (+0.097) 0.40ng/ul

response 776028

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.44
80.00	12.60	12.21
0.00	0.00	0.00

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Acq On : 14 Oct 2019 15:38
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BNA_N
ClientSampleId :
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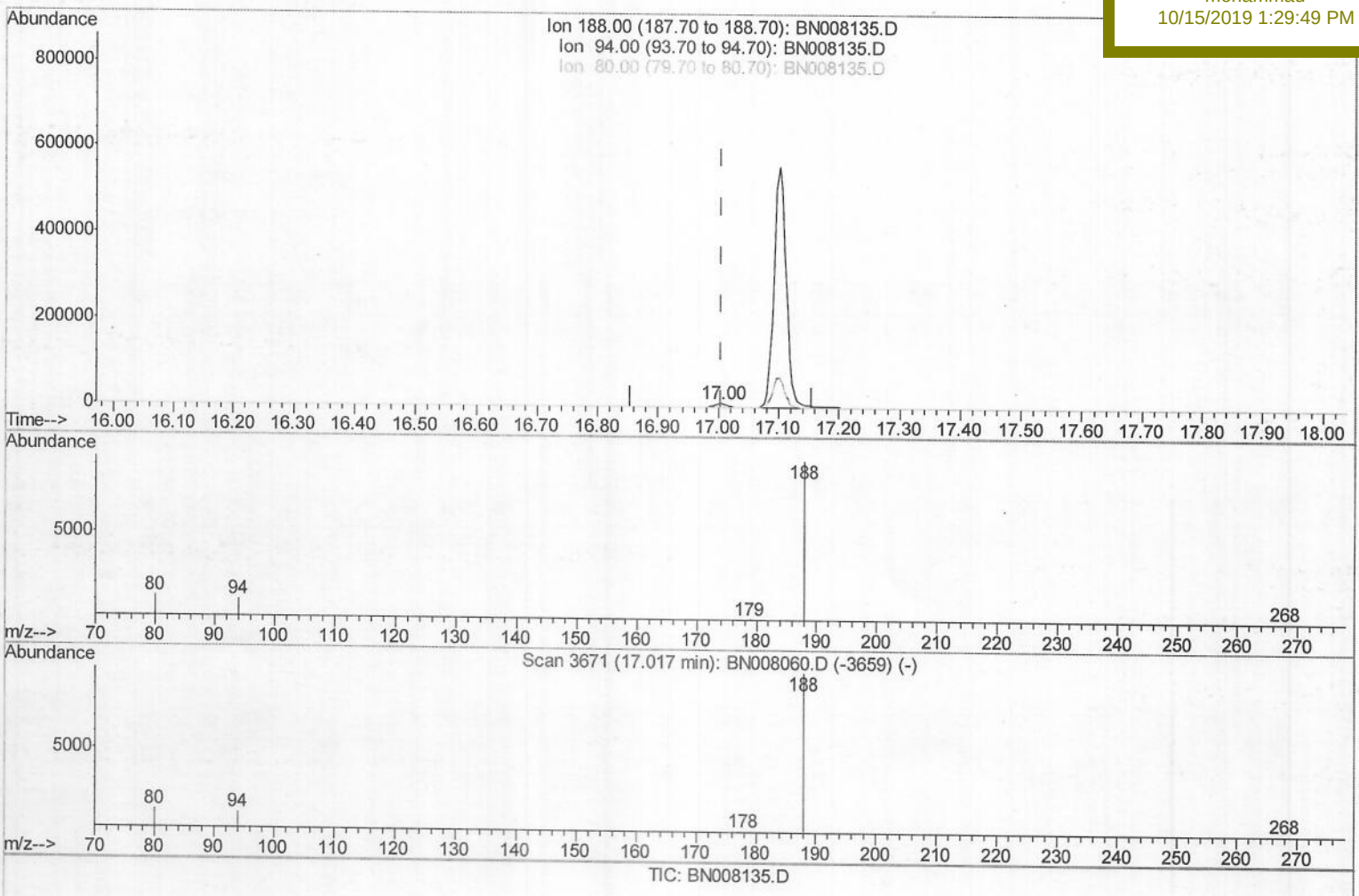
Manual Integrations APPROVED
mohammad
10/15/2019 1:29:49 PM



(10) Phenanthrene-d10 (I)

17.004min (-0.000) 0.40ng/ul m JU 10/15/19

response 13208

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.37
80.00	12.60	13.39
0.00	0.00	0.00

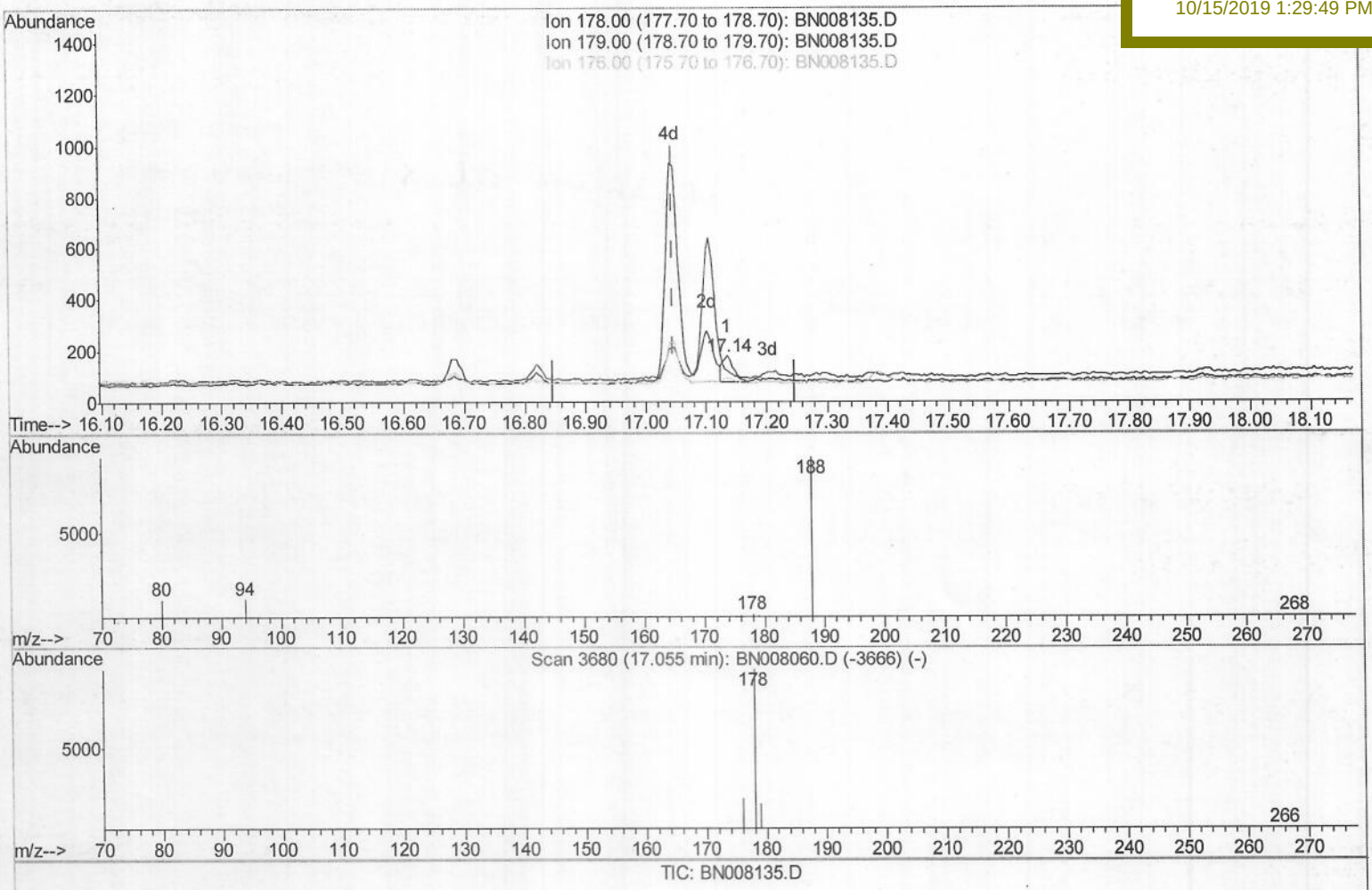
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008135.D
Acq On : 14 Oct 2019 15:38
Operator : JU
Sample : K5050-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 14 17:46:42 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 : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB4

Manual Integrations APPROVED
mohammad
10/15/2019 1:29:49 PM



TIC: BN008135.D

(12) Phenanthrene

17.135min (+0.089) 0.00ng/ul

response 121

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	67.80#
176.00	19.30	51.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008135.D
Acq On : 14 Oct 2019 15:38
Operator : JU
Sample : K5050-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 14 17:46:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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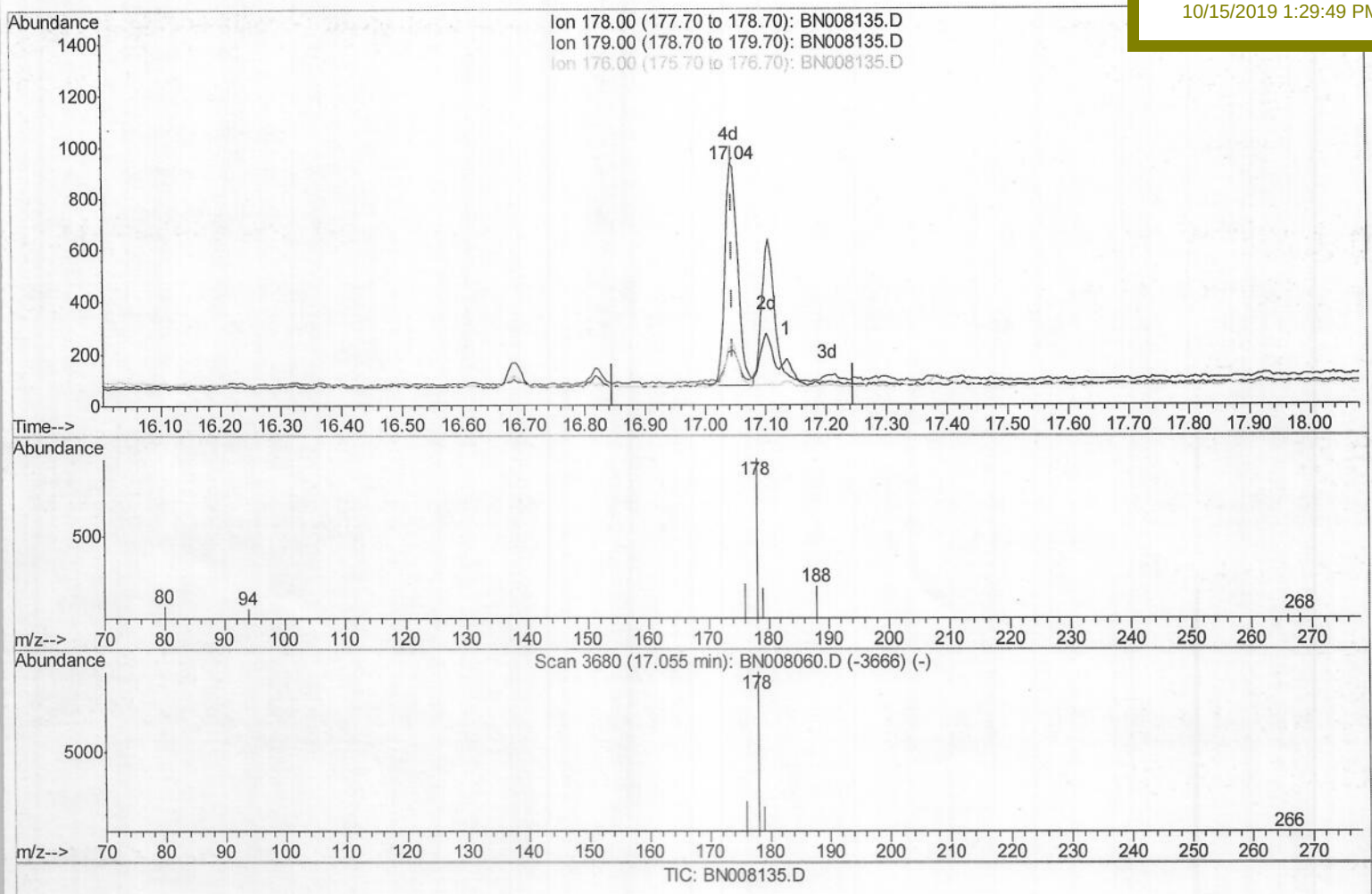
Instrument :
BNA_N
ClientSampleId :
JLMB4

Manual Integrations APPROVED
mohammad
10/15/2019 1:29:49 PM



TIC: BN008135.D

(12) Phenanthrene

17.042min (-0.004) 0.03ng/ul m JU 10/15/19

response 1260

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	22.37#
176.00	19.30	24.95#
0.00	0.00	0.00

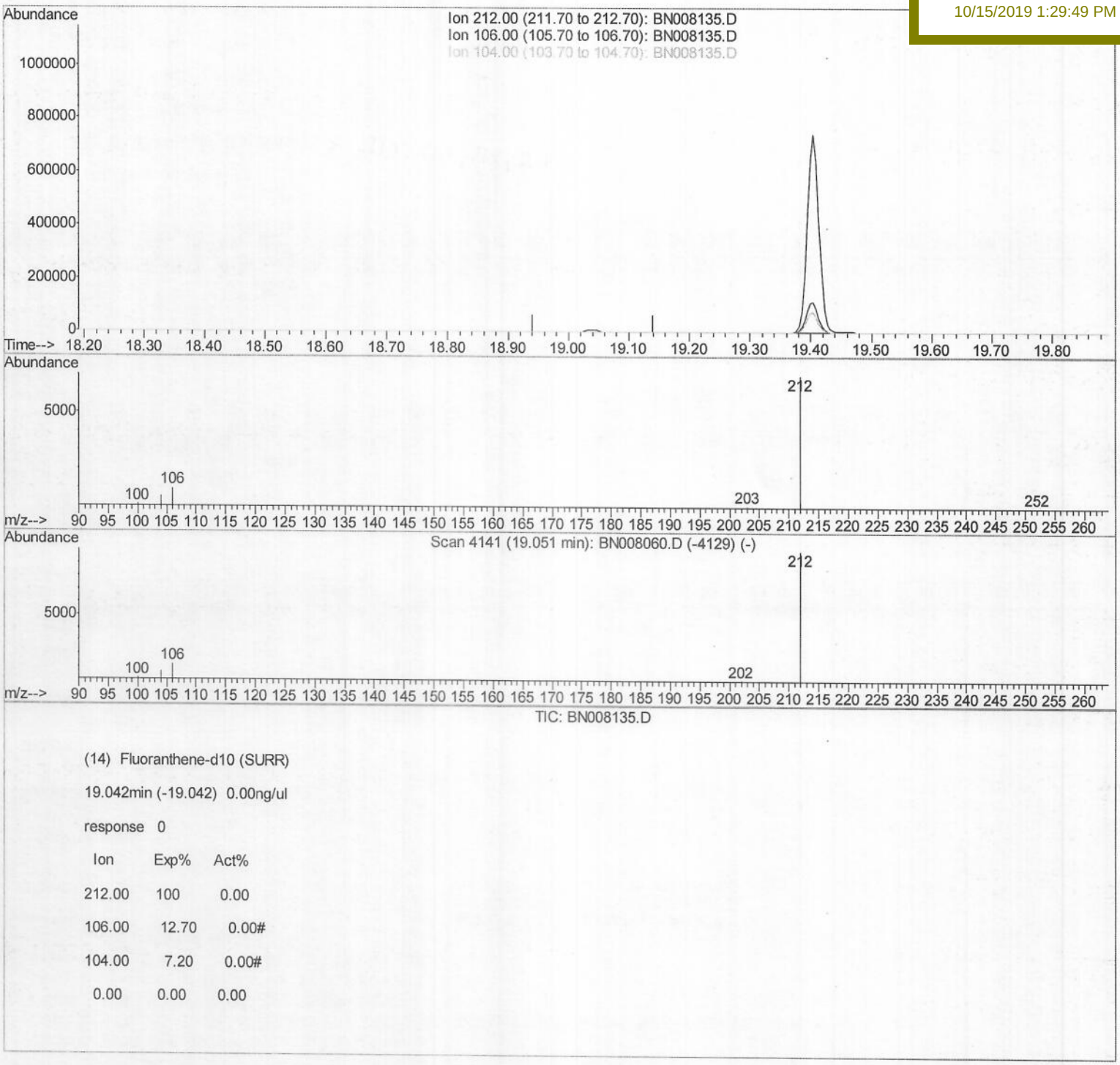
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008135.D
Acq On : 14 Oct 2019 15:38
Operator : JU
Sample : K5050-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 14 17:46:42 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 : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB4

Manual Integrations APPROVED
mohammad
10/15/2019 1:29:49 PM



TIC: BN008135.D

(14) Fluoranthene-d10 (SURR)

19.042min (-19.042) 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

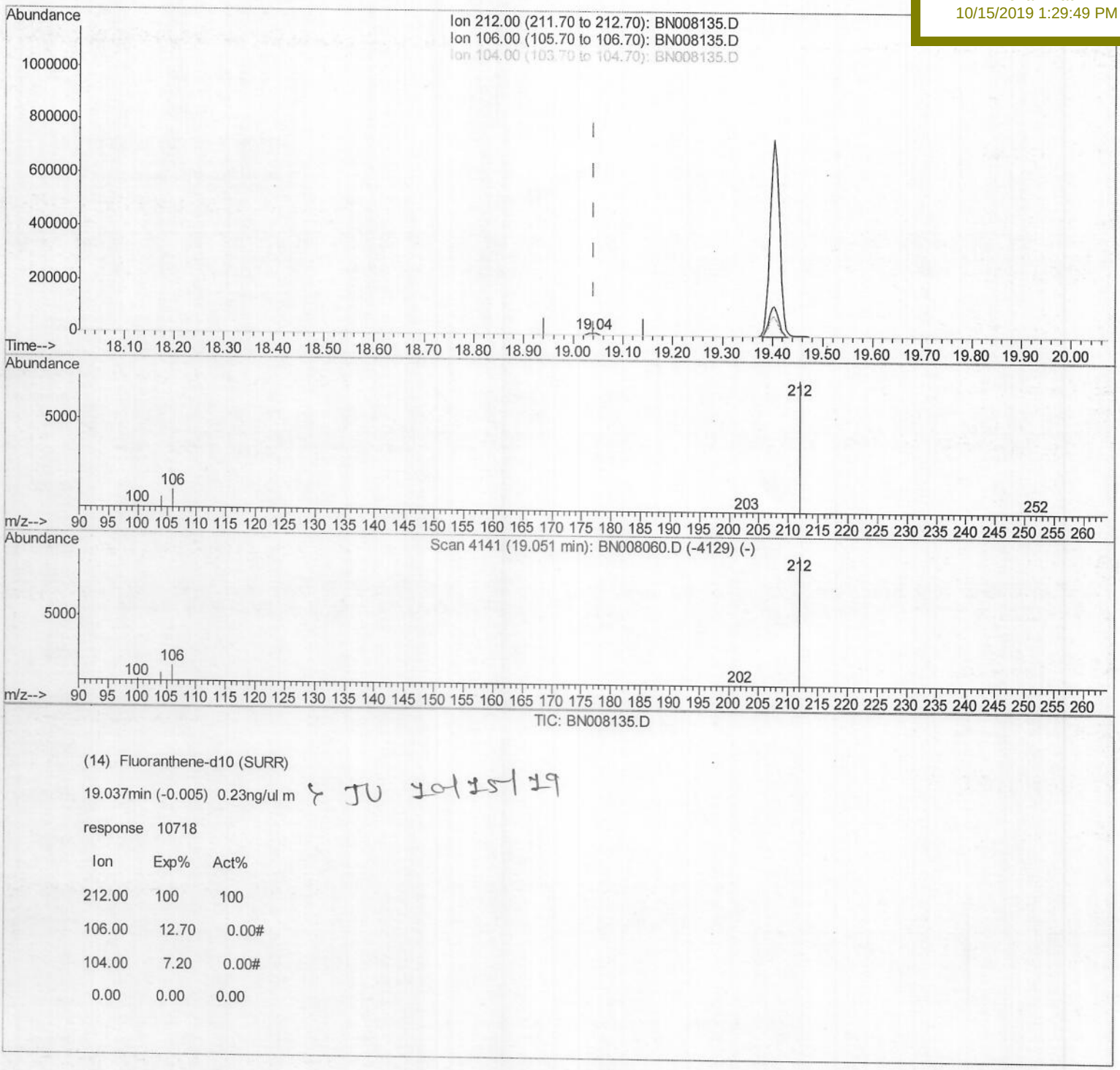
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
Data File : BN008135.D
Acq On : 14 Oct 2019 15:38
Operator : JU
Sample : K5050-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 14 17:46:42 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 : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB4

Manual Integrations APPROVED
mohammad
10/15/2019 1:29:49 PM



TIC: BN008135.D

(14) Fluoranthene-d10 (SURR)

19.037min (-0.005) 0.23ng/ul m & JU 10/15/19

response 10718

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\BN101419\
Data File : BN008135.D
Acq On : 14 Oct 2019 15:38
Operator : JU
Sample : K5050-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 14 17:46:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
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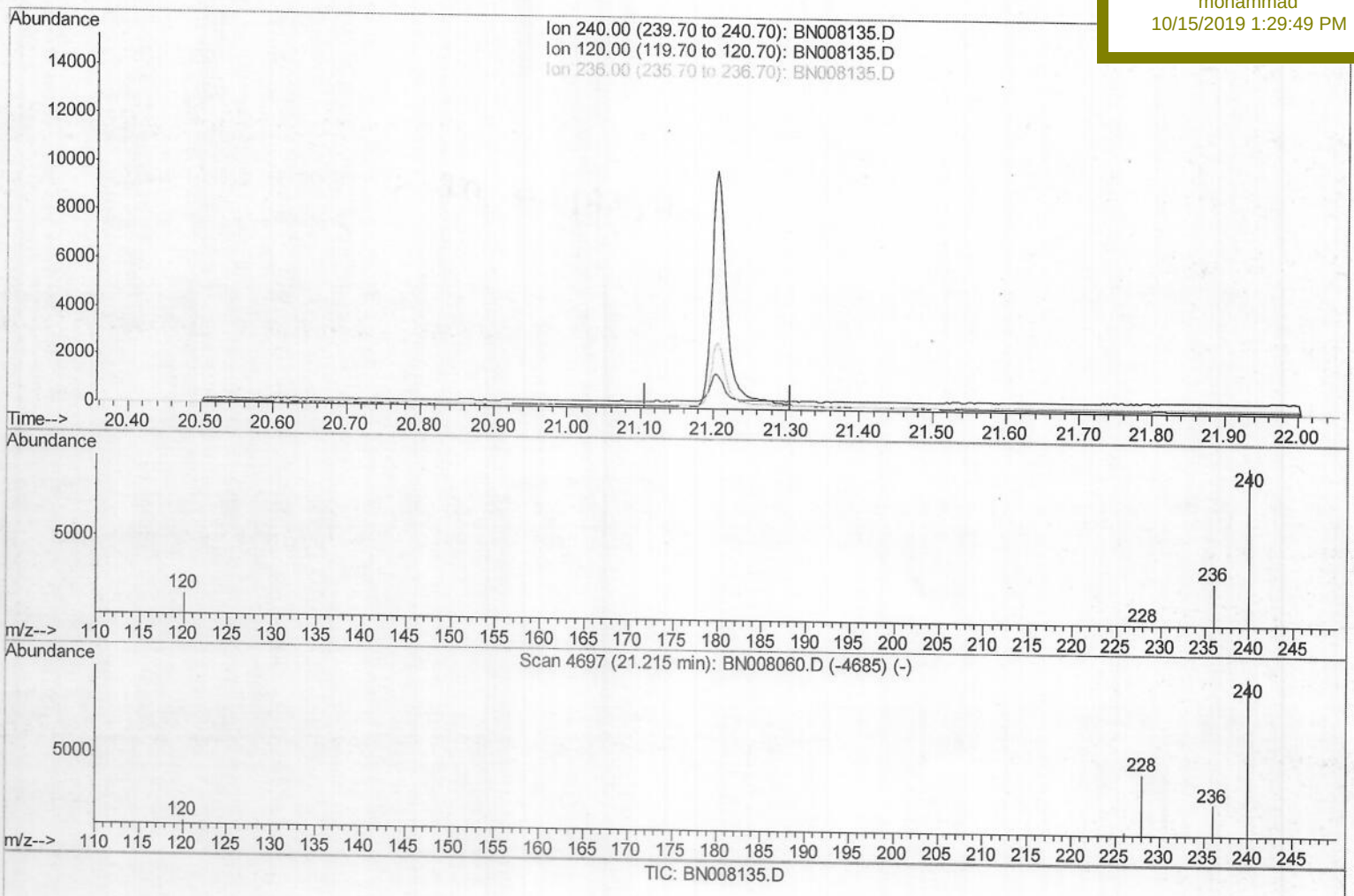
Instrument :
BNA_N
ClientSampleId :
JLMB4

Manual Integrations APPROVED
mohammad
10/15/2019 1:29:49 PM



TIC: BN008135.D

(16) Chrysene-d12 (I)

21.207min (-21.207) 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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Acq On : 14 Oct 2019 15:38
Operator : JU
Sample : K5050-01
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ALS Vial : 3 Sample Multiplier: 1

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BNA_N
ClientSampleId :
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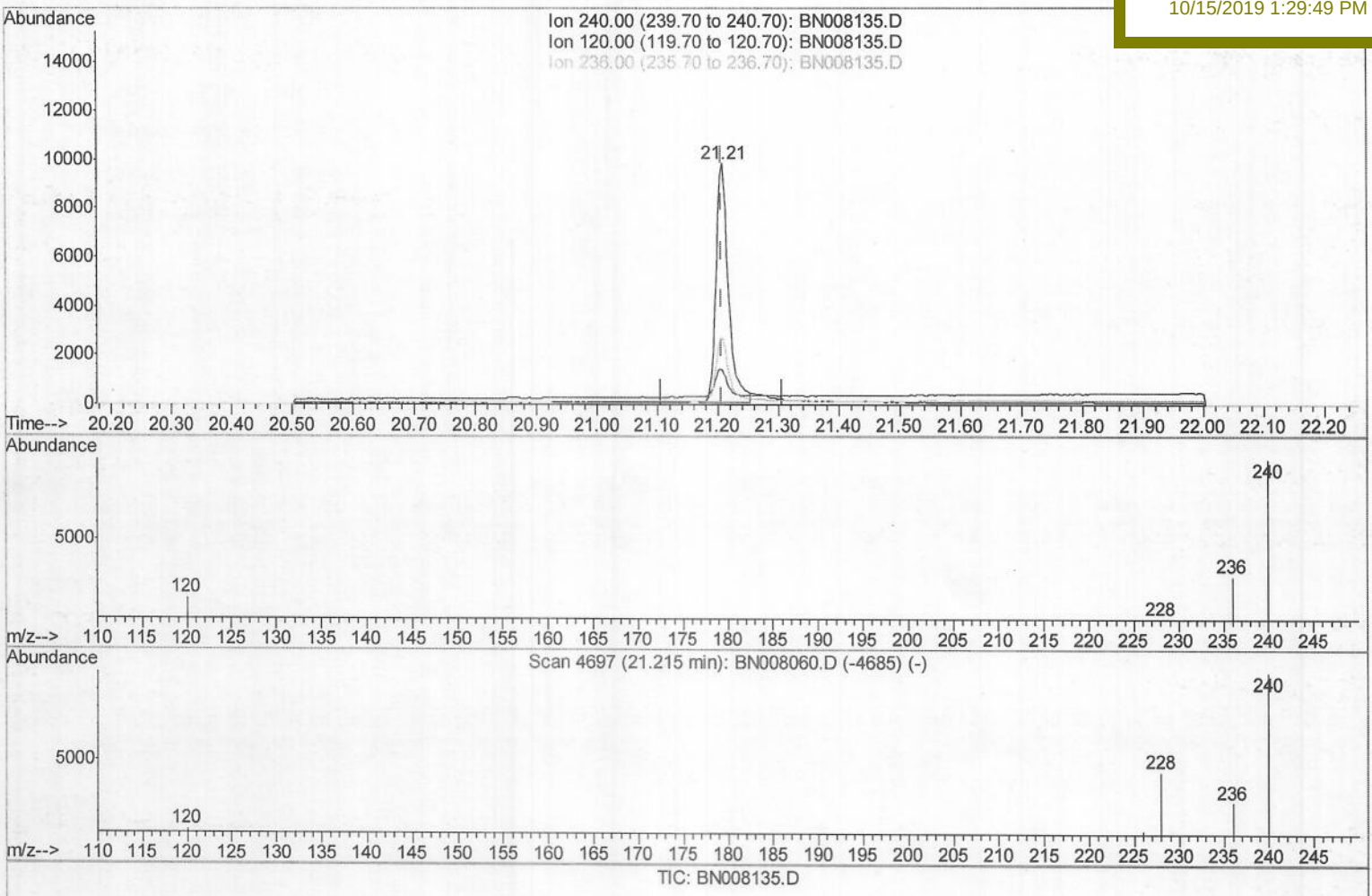
Manual Integrations APPROVED
mohammad
10/15/2019 1:29:49 PM



TIC: BN008135.D

(16) Chrysene-d12 (I)

21.207min (-0.000) 0.40ng/ul m JU 10/15/19

response 13824

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	14.32
236.00	28.40	27.87
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101419\
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Acq On : 14 Oct 2019 15:38
Operator : JU
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Instrument : BNA_N
ClientSampleId : JLMB4

Manual Integrations APPROVED
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10/15/2019 1:29:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1689	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	8416	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	5558	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	13208m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	13824m	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	15317	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	3309	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	10718m	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	799	0.033	ng/ul#	74
5) 2-Methylnaphthalene	12.07	142	851	0.052	ng/ul	97
12) Phenanthrene	17.04	178	1260m	0.033	ng/ul	

JU 10/15/19

JU 10/15/19

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