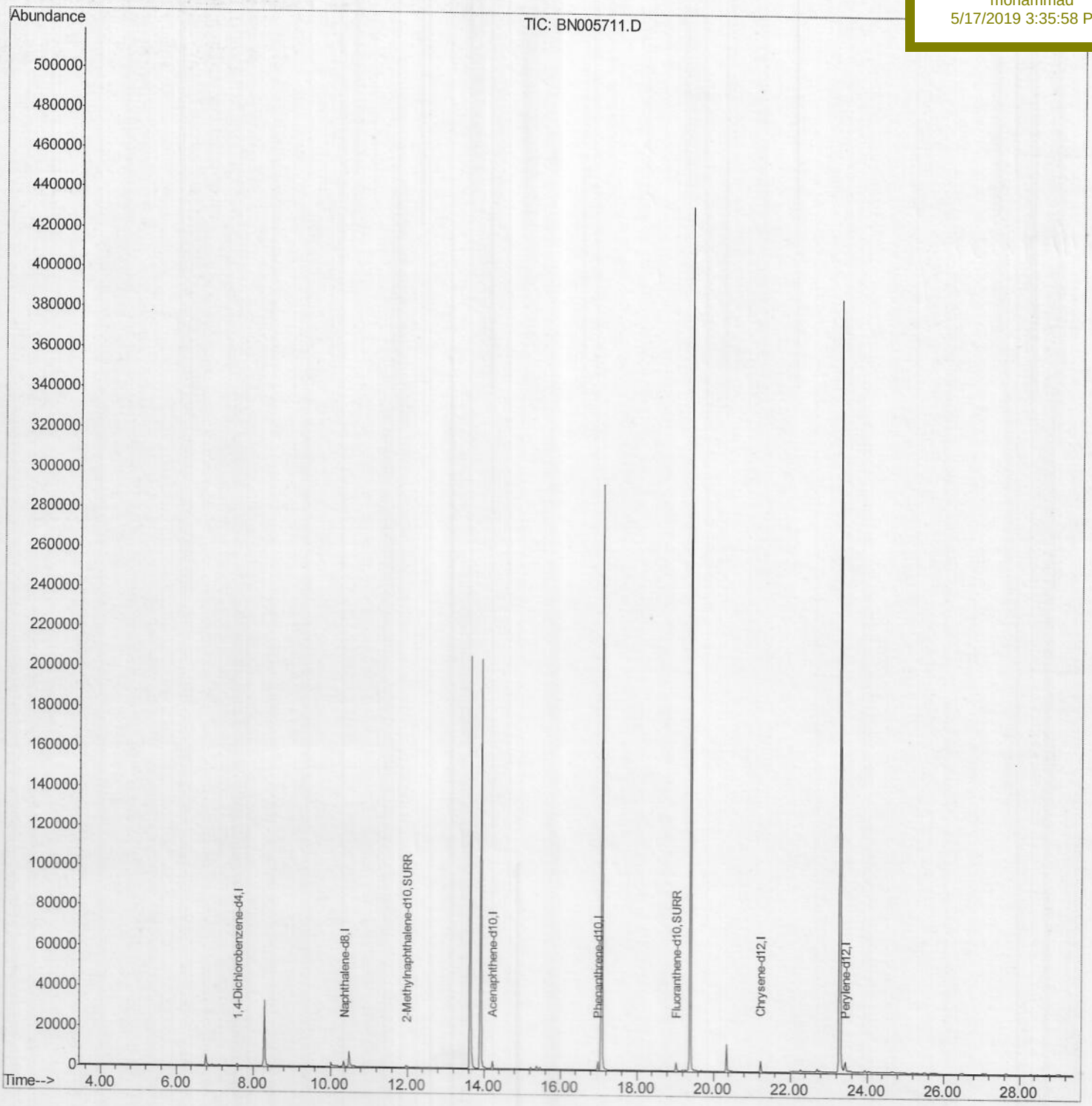
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
Data File : BN005711.D
Acq On : 16 May 2019 19:43
Operator : JU/SJ
Sample : K2788-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 17 04:47:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5192

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:58 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
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Acq On : 16 May 2019 19:43
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ClientSampleId :
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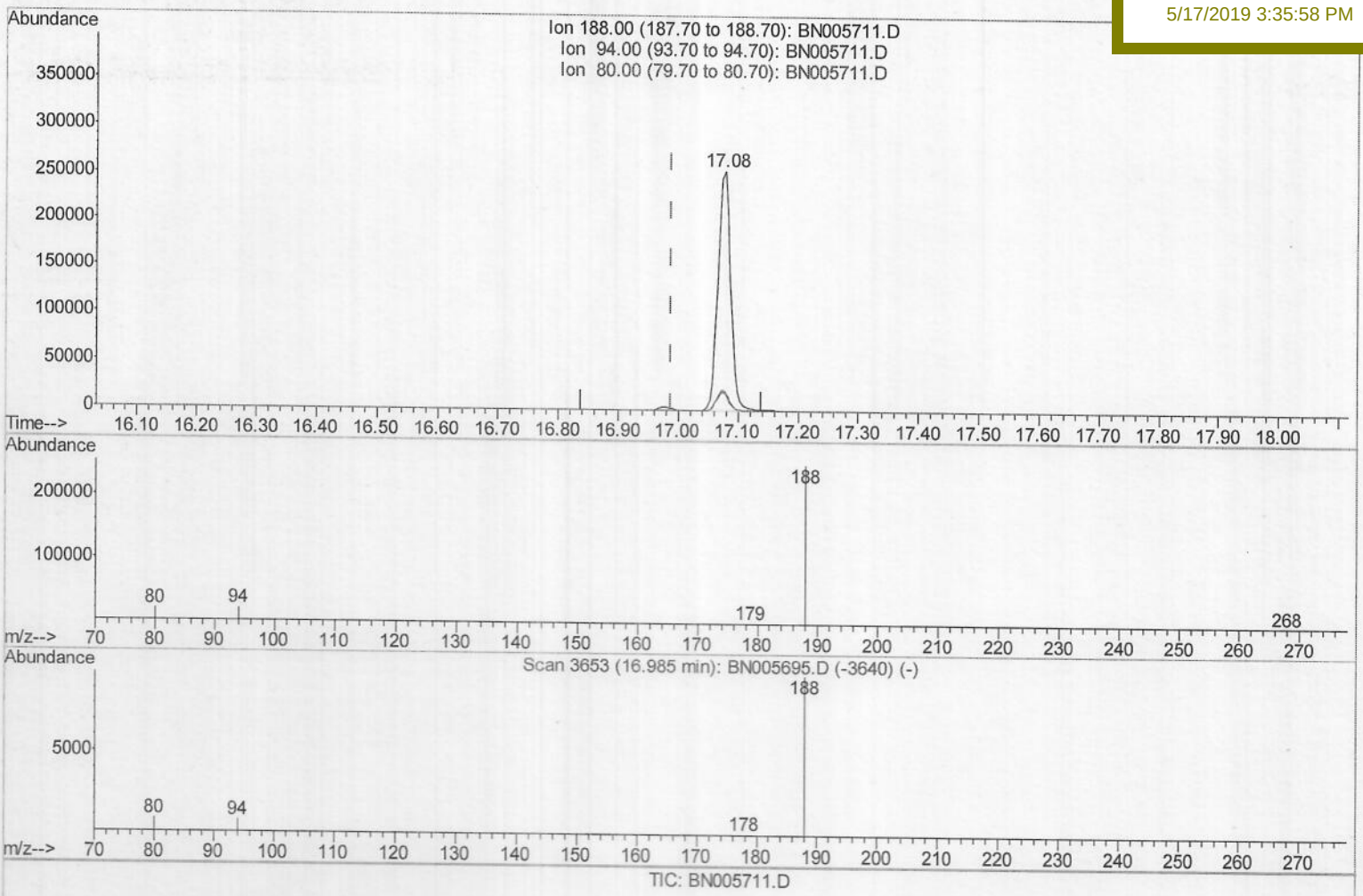
Manual Integrations APPROVED
mohammad
5/17/2019 3:35:58 PM



TIC: BN005711.D

(10) Phenanthrene-d10 (I)

17.078min (+0.089) 0.40ng/ul

response 371898

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	7.91
80.00	9.80	7.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

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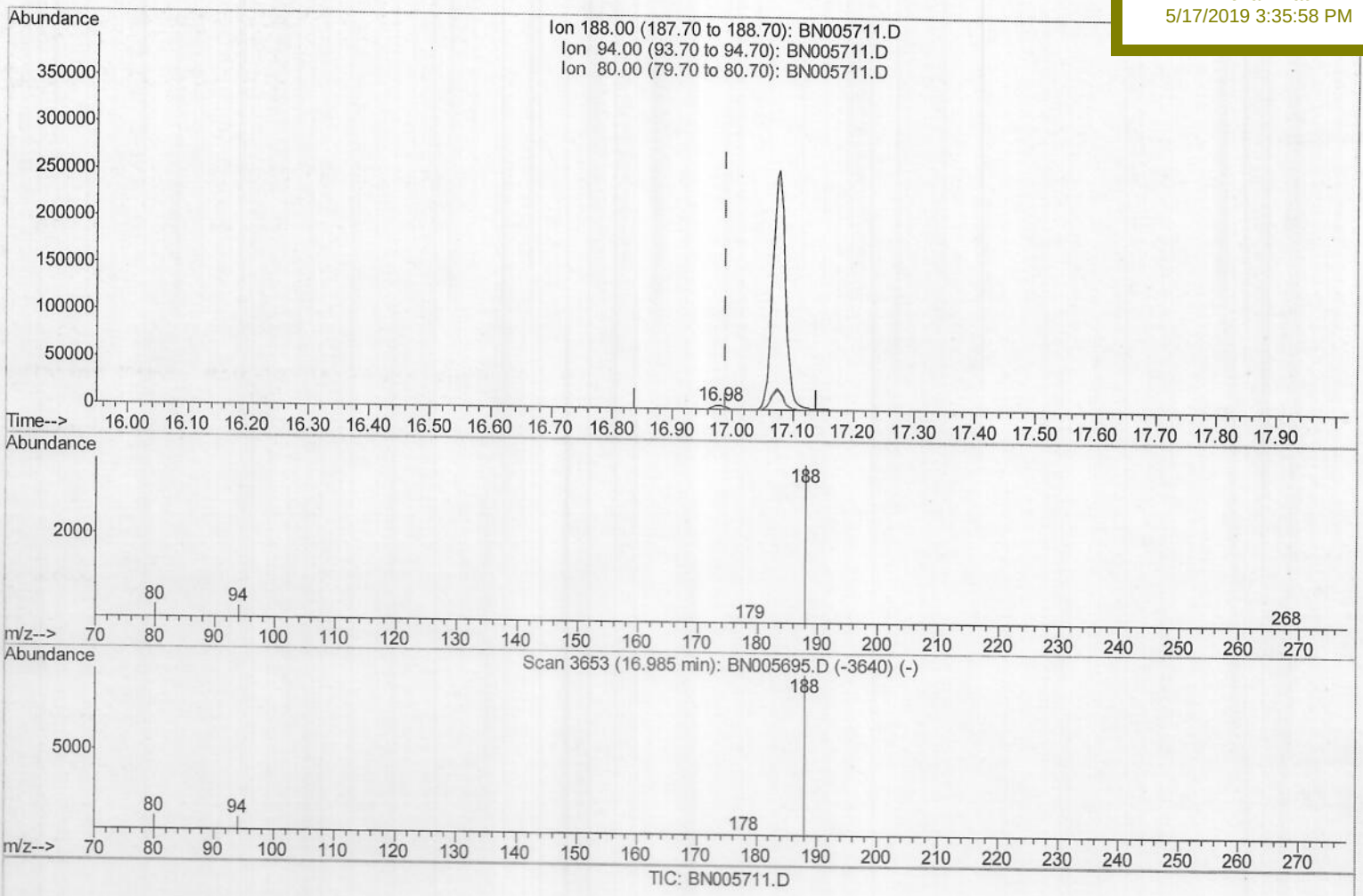
BNA_N
ClientSampleId :
A5192

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:58 PM



TIC: BN005711.D

(10) Phenanthrene-d10 (I)

16.976min (-0.013) 0.40ng/ul m JJV05/31/19

response 5410

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.61
80.00	9.80	9.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
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Acq On : 16 May 2019 19:43
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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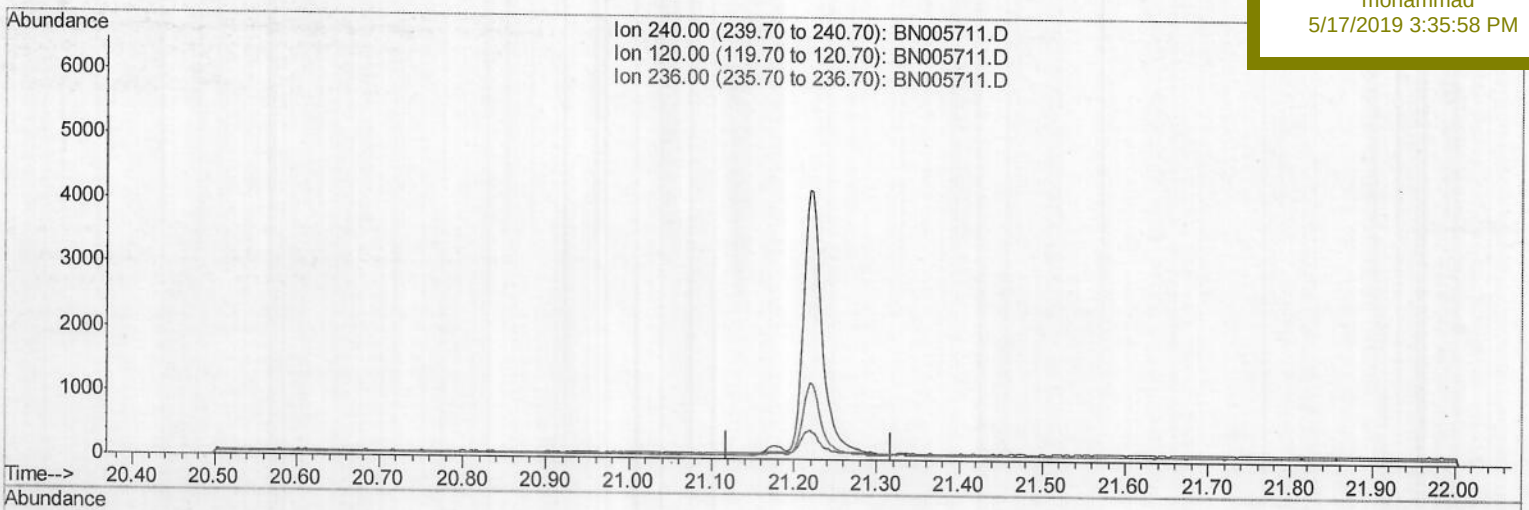
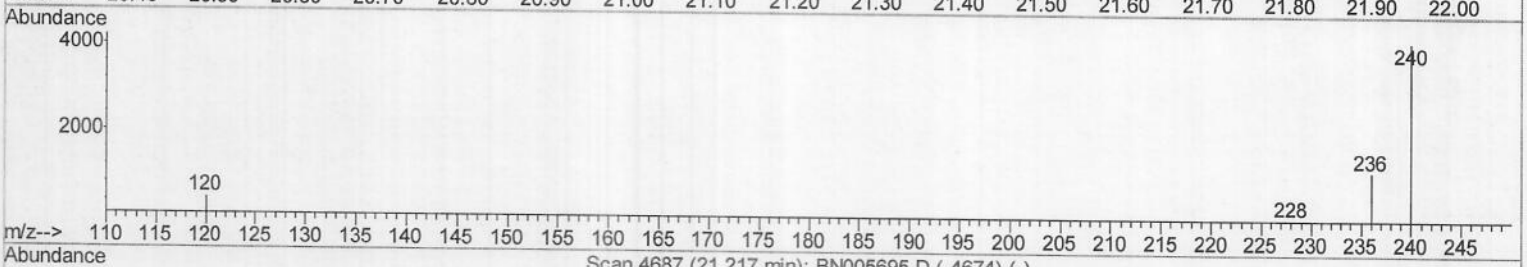
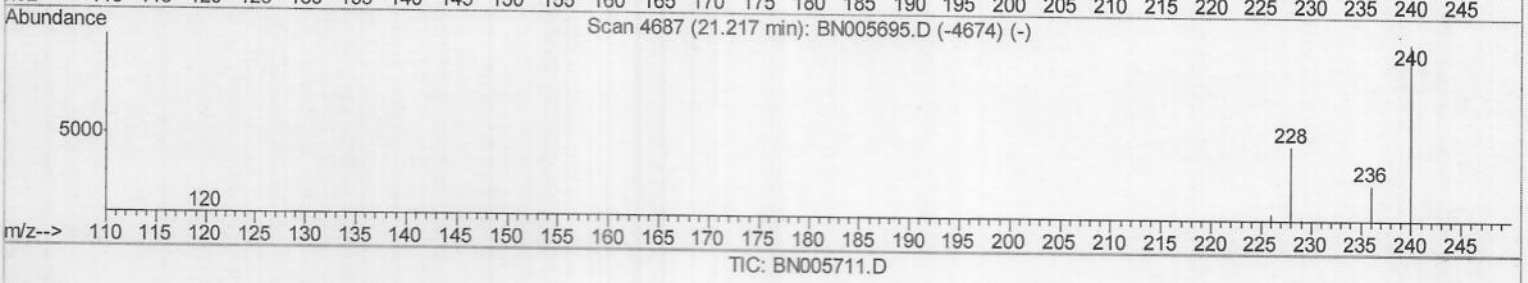
BNA_N
ClientSampleId :
A5192

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:58 PM







(16) Chrysene-d12 (I)

21.219min (-21.219) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	11.90	0.00#
236.00	28.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 16 May 2019 19:43
Operator : JU/SJ
Sample : K2788-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 17 04:39:36 2019
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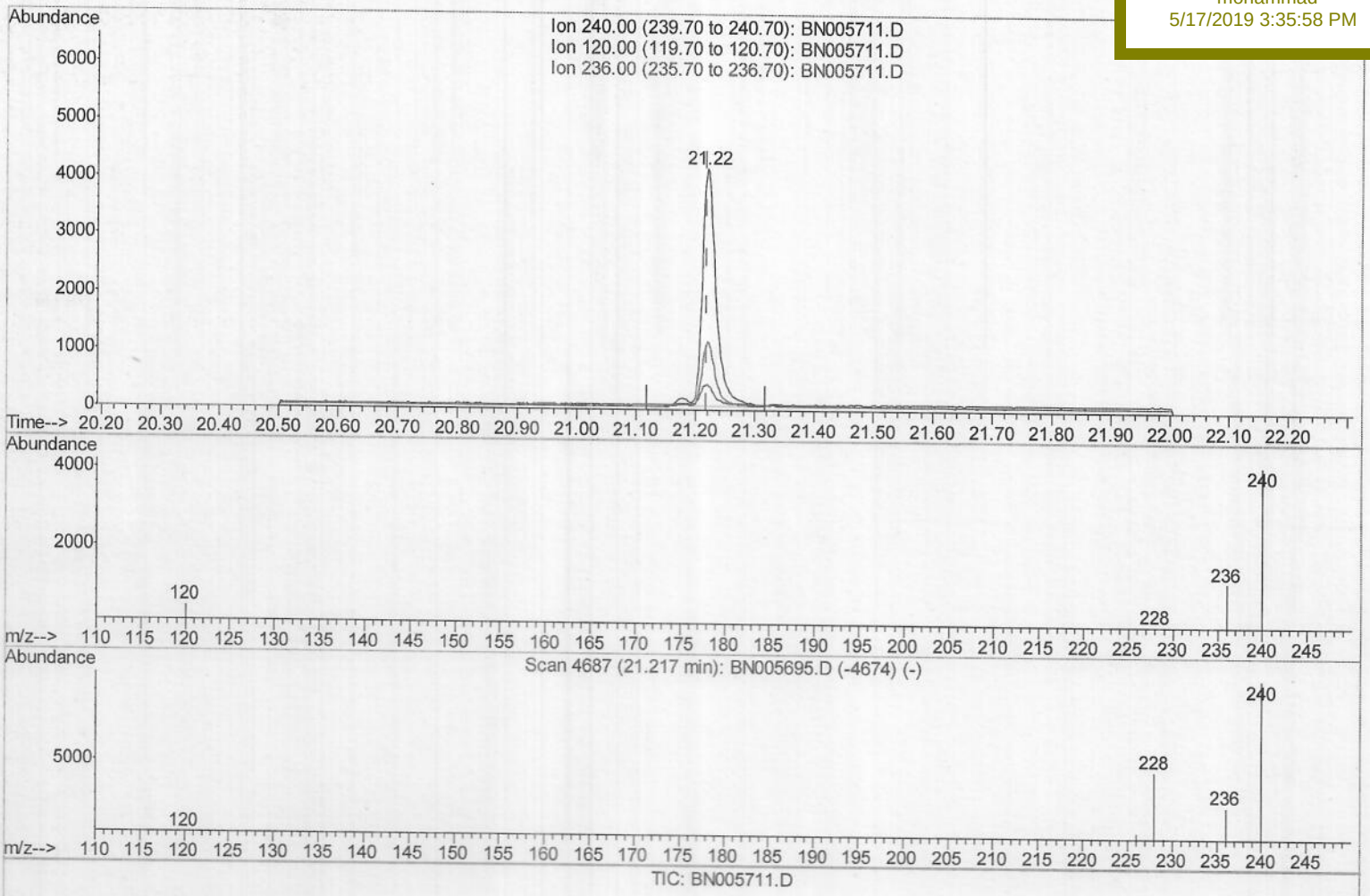
Instrument :
BNA_N
ClientSampleId :
A5192

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:58 PM



(16) Chrysene-d12 (I)

21.219min (+0.000) 0.40ng/ul m) JU 05/31/19

response 6676

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	10.93
236.00	28.00	28.62
0.00	0.00	0.00

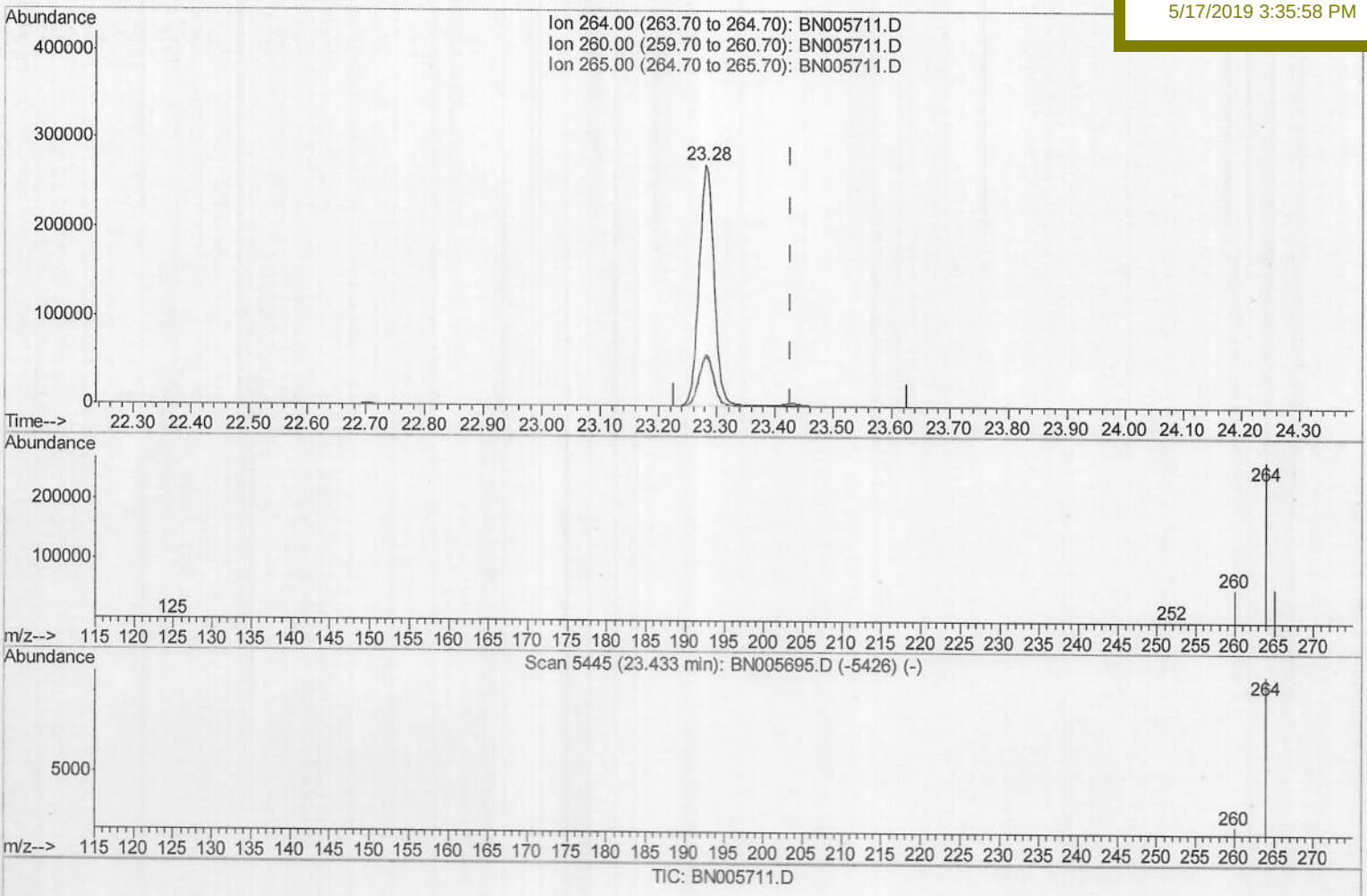
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
Data File : BN005711.D
Acq On : 16 May 2019 19:43
Operator : JU/SJ
Sample : K2788-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 17 04:39:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5192

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:58 PM



TIC: BN005711.D

(20) Perylene-d12 (I)

23.282min (-0.146) 0.40ng/ul

response 487549

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.65
265.00	31.70	21.37#
0.00	0.00	0.00

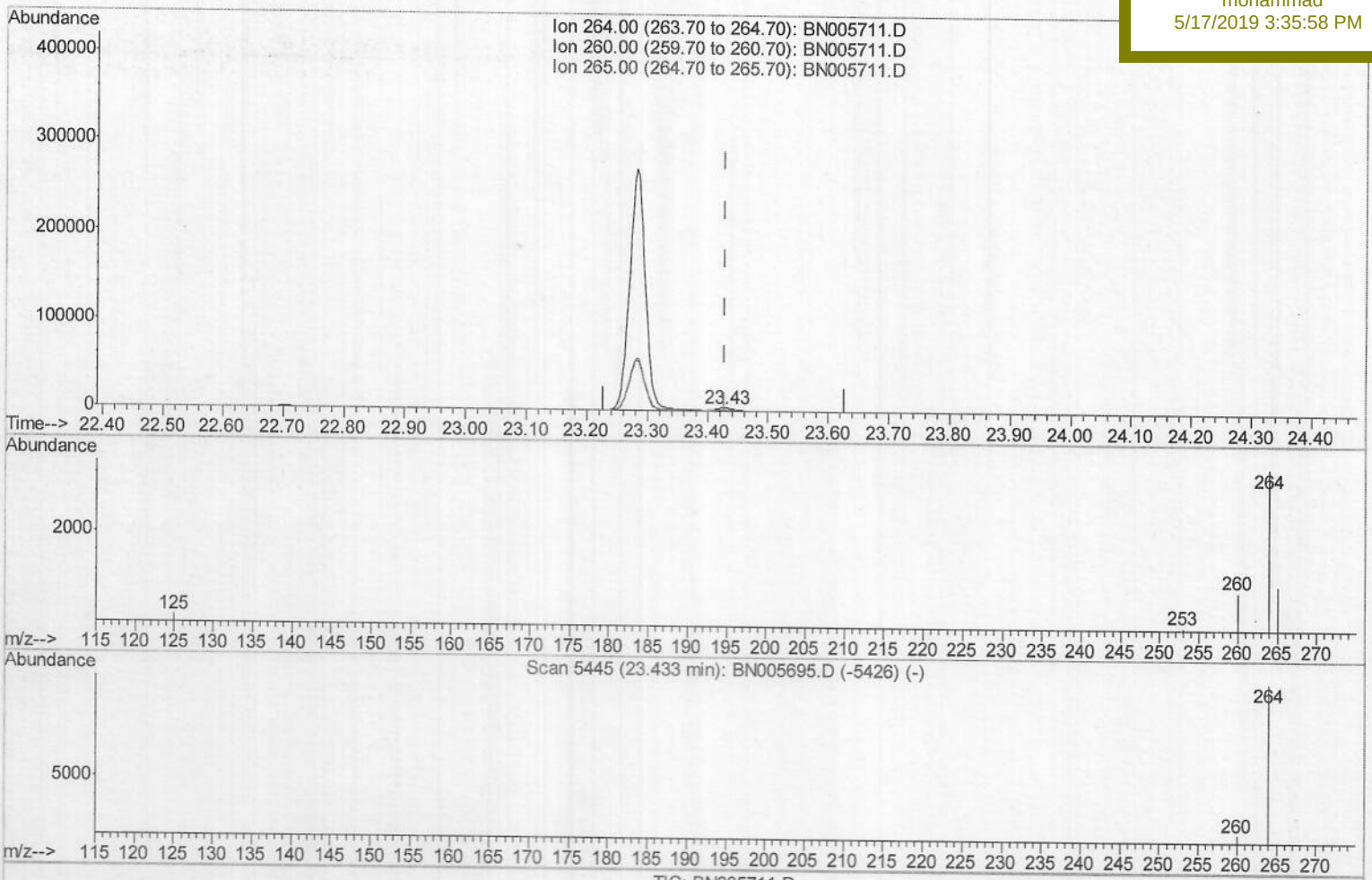
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
Data File : BN005711.D
Acq On : 16 May 2019 19:43
Operator : JU/SJ
Sample : K2788-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 17 04:39:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5192

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:58 PM



(20) Perylene-d12 (I)

23.428min (0.000) 0.40ng/ul m) JU 05/31/19

response 5754

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	26.34
265.00	31.70	30.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
Data File : BN005711.D
Acq On : 16 May 2019 19:43
Operator : JU/SJ
Sample : K2788-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 17 04:46:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
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Instrument :
BNA_N
ClientSampleId :
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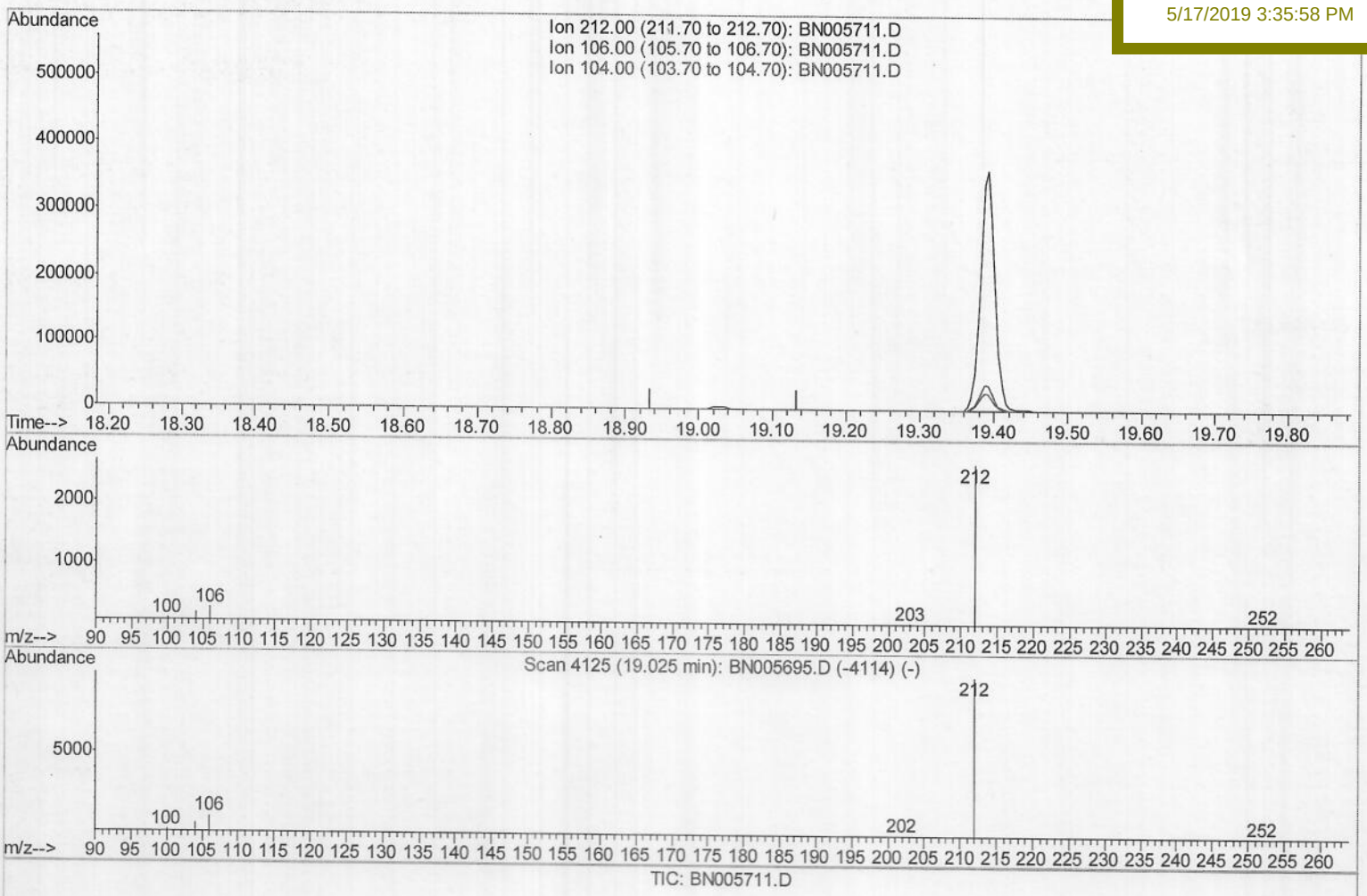
Manual Integrations APPROVED
mohammad
5/17/2019 3:35:58 PM



TIC: BN005711.D

(14) Fluoranthene-d10 (SURR)

19.035min (-19.035) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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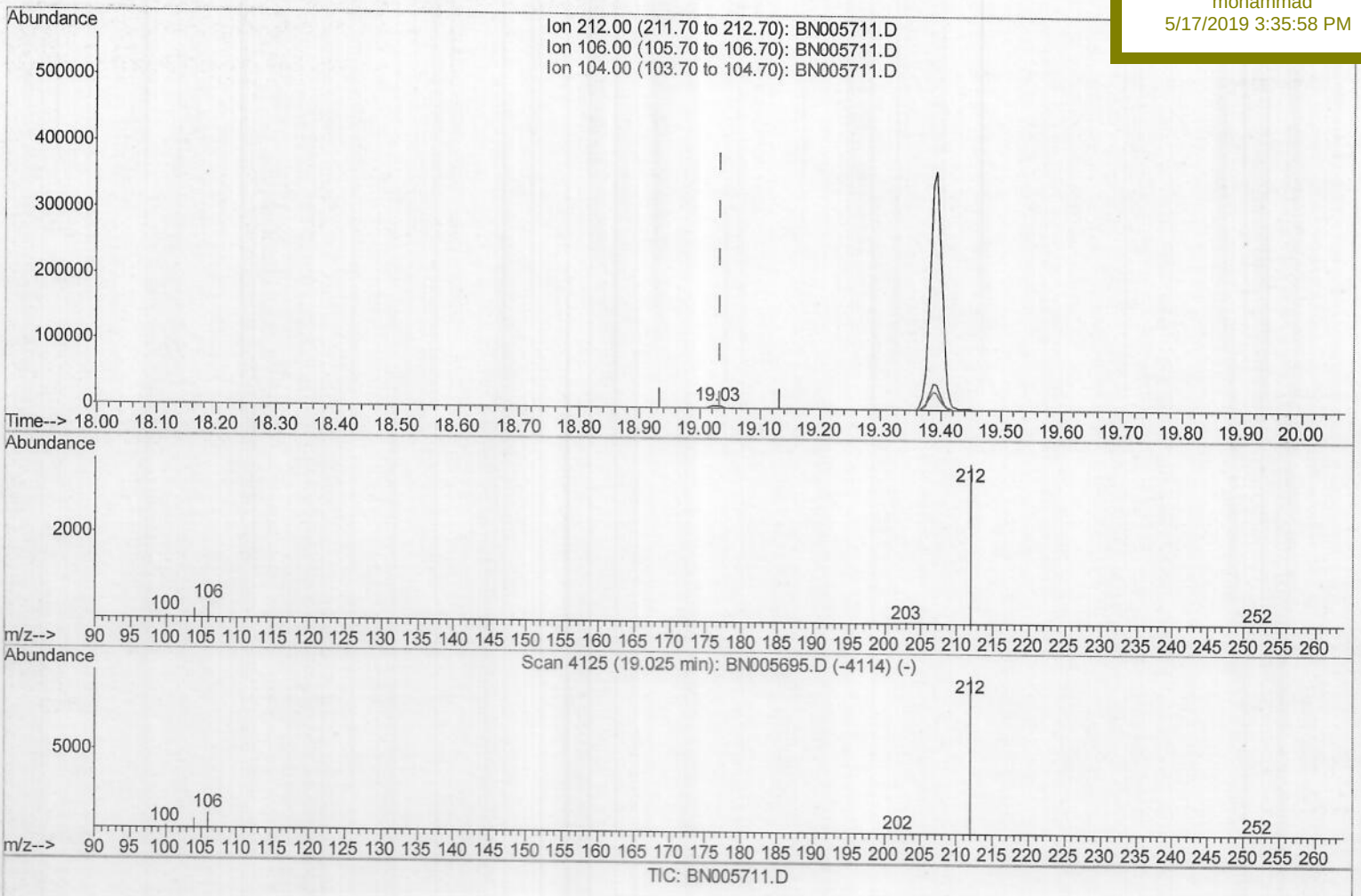
Operator : JU/SJ
Sample : K2788-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 17 04:46:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5192

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:58 PM



(14) Fluoranthene-d10 (SURR)

19.025min (-0.009) 0.32ng/ul m JU 05/31/19

response 5374

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ClientSampleId : A5192

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:58 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	738	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	3234	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	2124	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	5410m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	6676m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5754m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1449	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	5374m	0.32	ng/ul	0.00
Target Compounds						Qvalue

JU 05/31/19

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