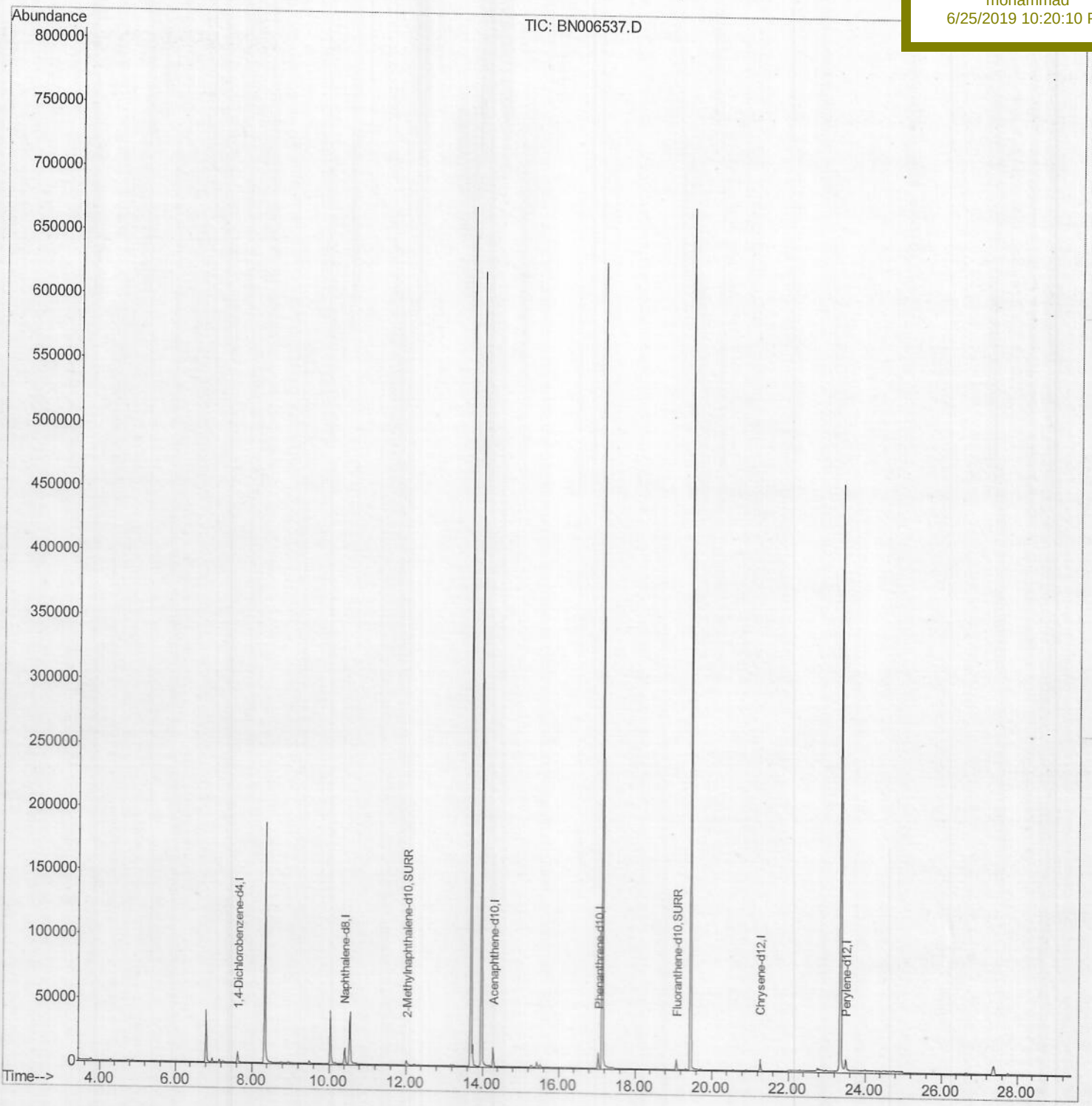
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006537.D
Acq On : 24 Jun 2019 18:46
Operator : HP/JU
Sample : K3362-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 25 02:07:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4211

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:10 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006537.D
Acq On : 24 Jun 2019 18:46
Operator : HP/JU
Sample : K3362-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 25 00:44:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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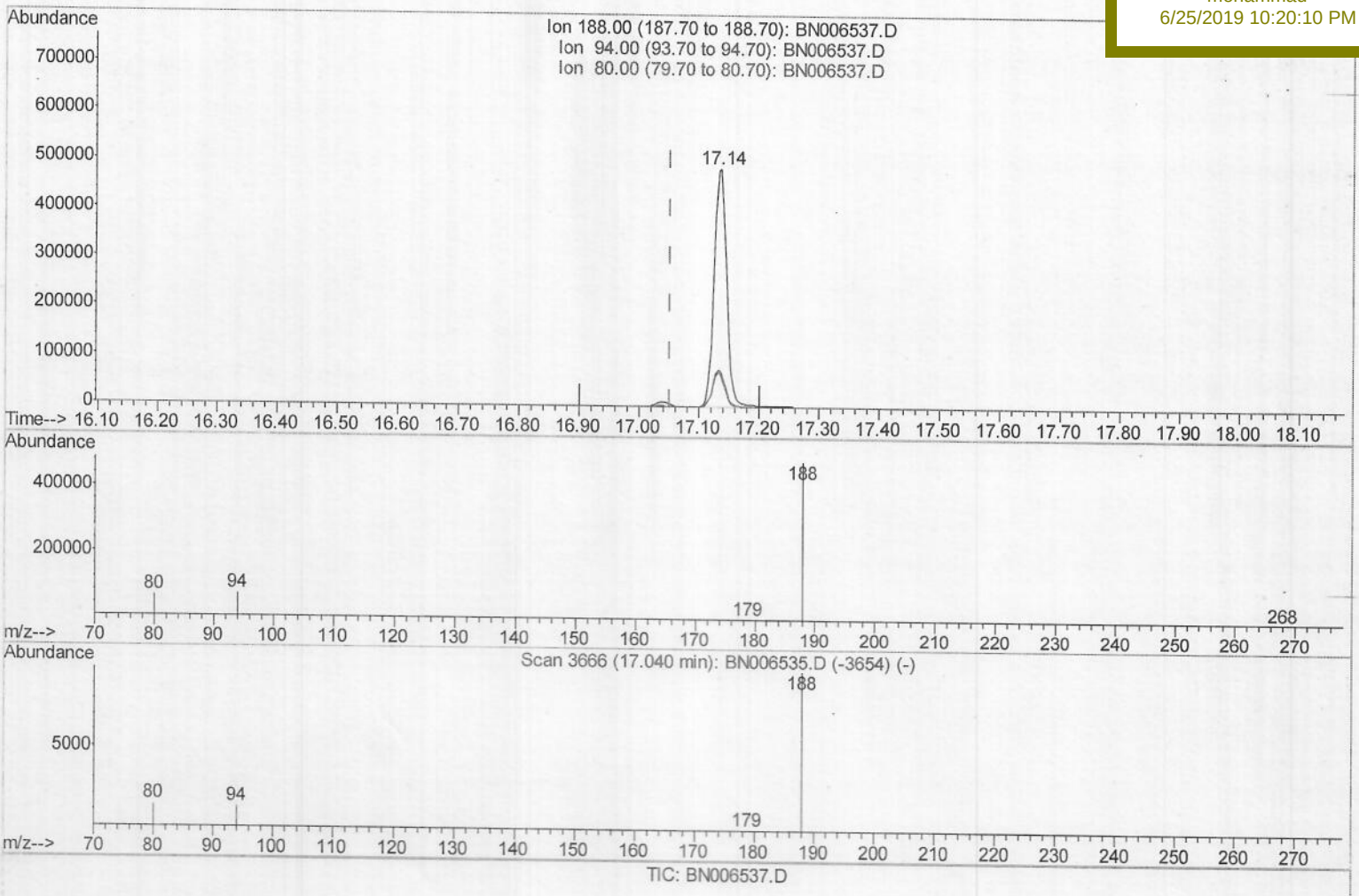
Manual Integrations APPROVED
mohammad
6/25/2019 10:20:10 PM



(10) Phenanthrene-d10 (I)

17.137min (+0.084) 0.40ng/ul

response 697355

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.75
80.00	13.60	13.24
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006537.D
Acq On : 24 Jun 2019 18:46
Operator : HP/JU
Sample : K3362-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 25 00:44:35 2019
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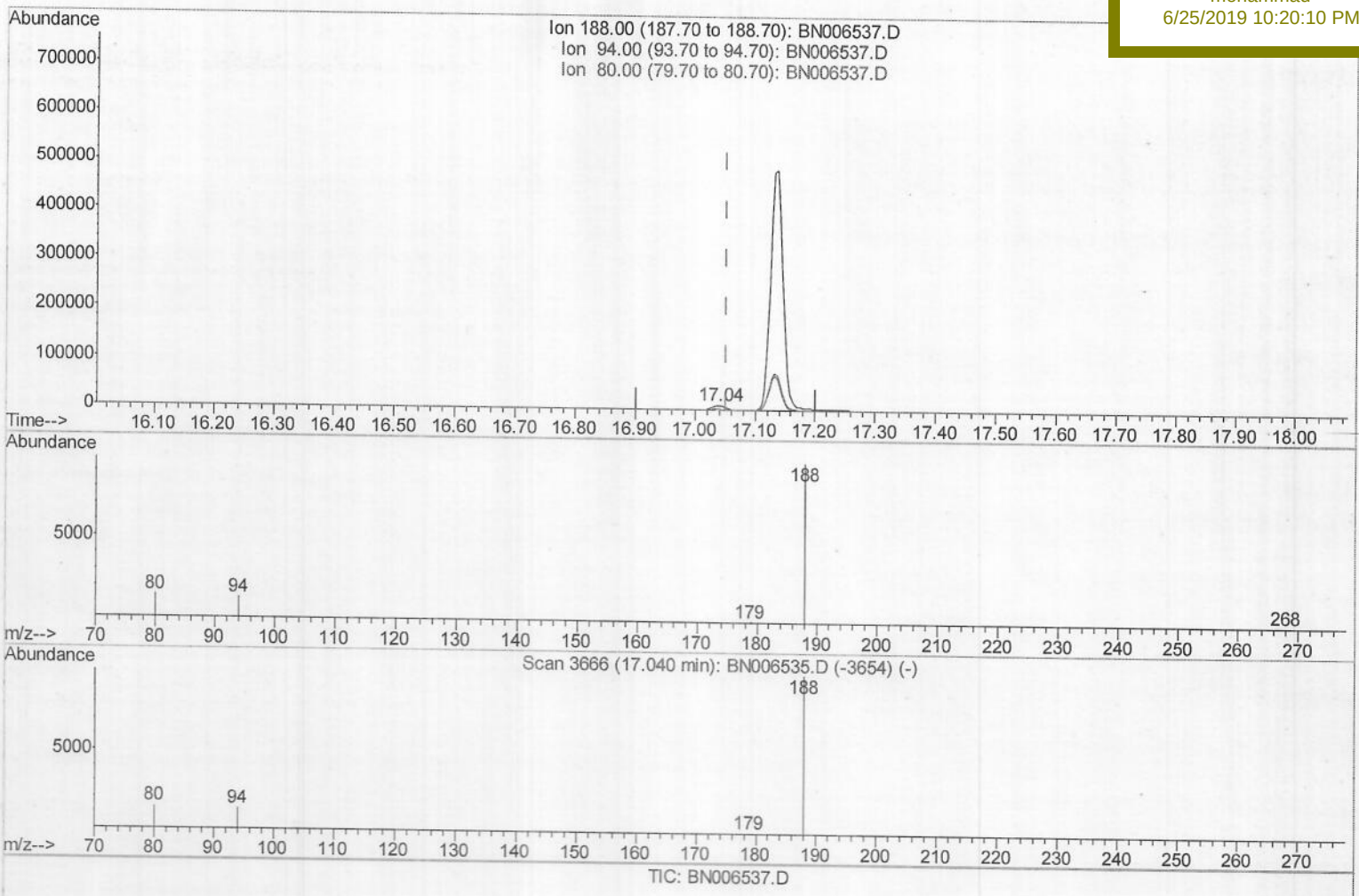
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4211

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:10 PM



(10) Phenanthrene-d10 (I)

17.040min (-0.013) 0.40ng/ul m > JU 06/26/19

response 14520

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.17
80.00	13.60	14.55
0.00	0.00	0.00

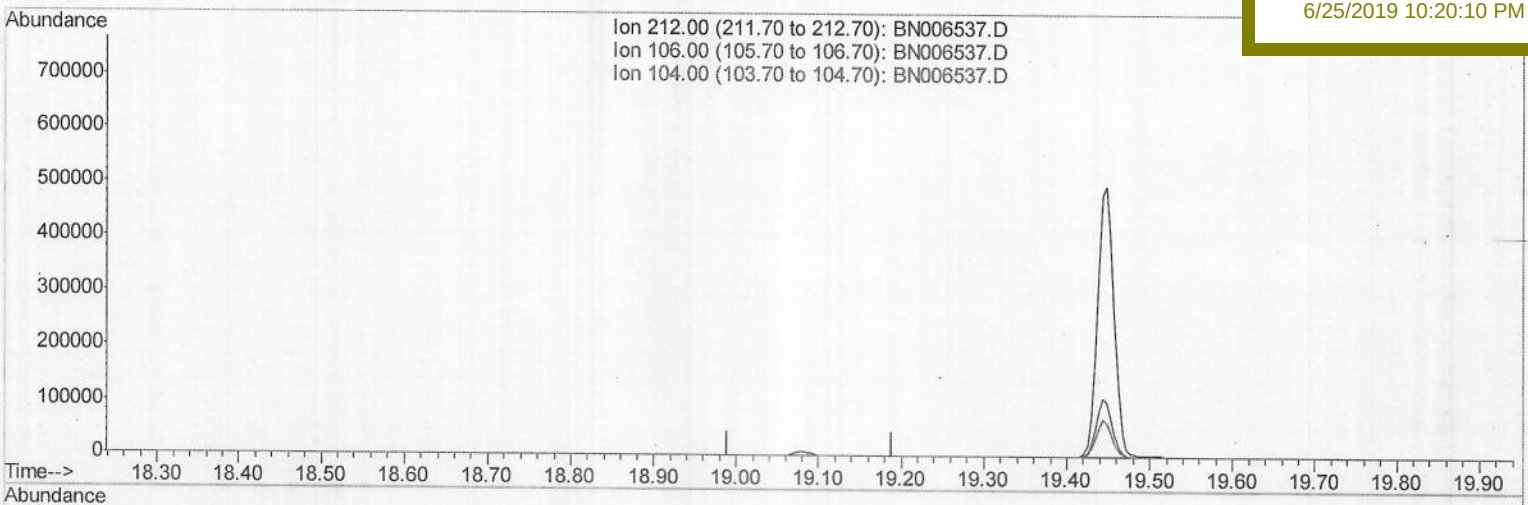
Quantitation Report (Qedit)

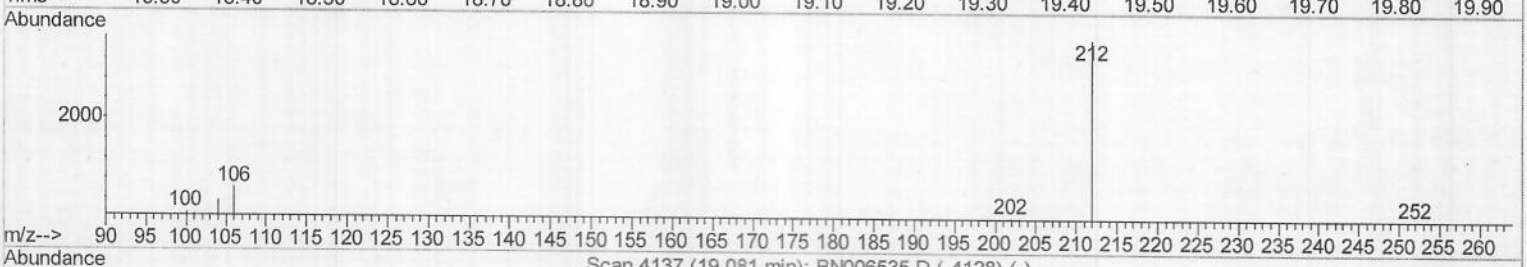
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006537.D
Acq On : 24 Jun 2019 18:46
Operator : HP/JU
Sample : K3362-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

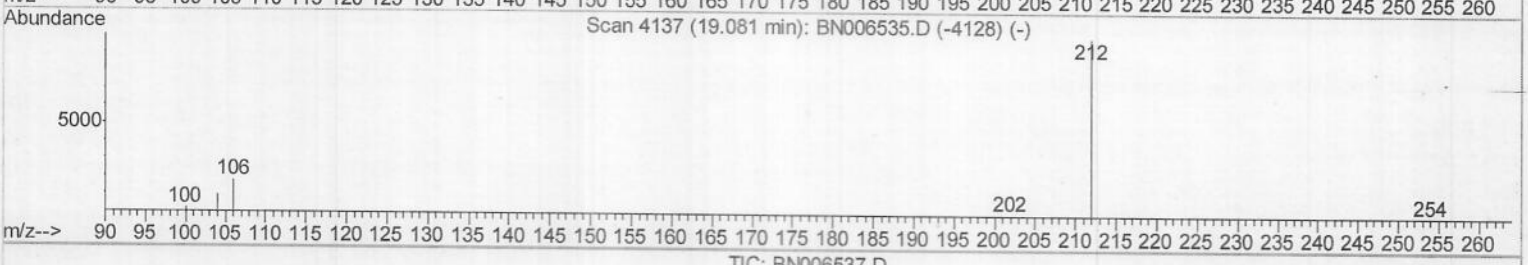
Quant Time: Jun 25 02:05:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4211

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:10 PM







(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

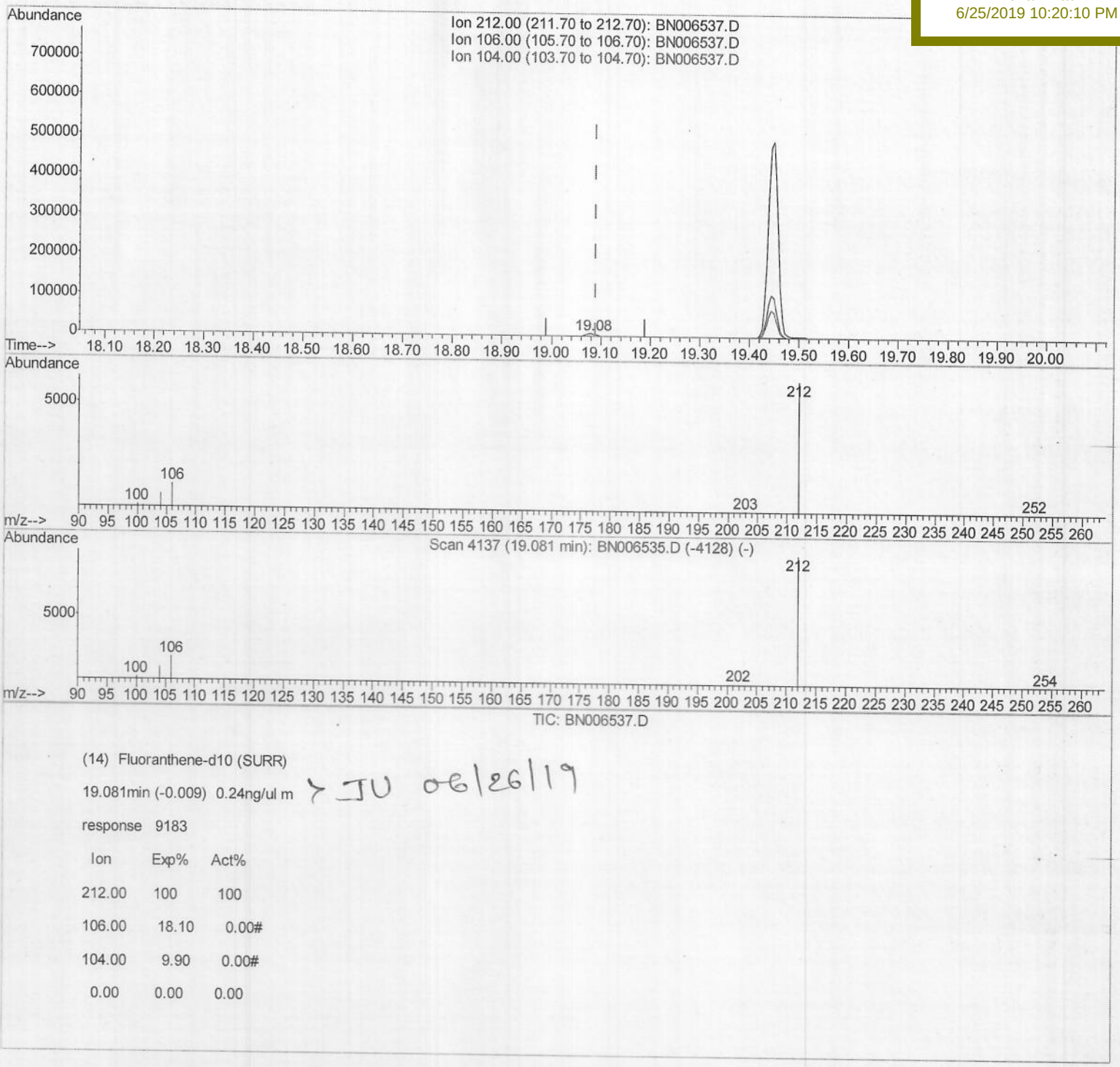
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006537.D
Acq On : 24 Jun 2019 18:46
Operator : HP/JU
Sample : K3362-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 25 02:05:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4211

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:10 PM



(14) Fluoranthene-d10 (SURR)

19.081min (-0.009) 0.24ng/ul m > JU 06/26/19

response 9183

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

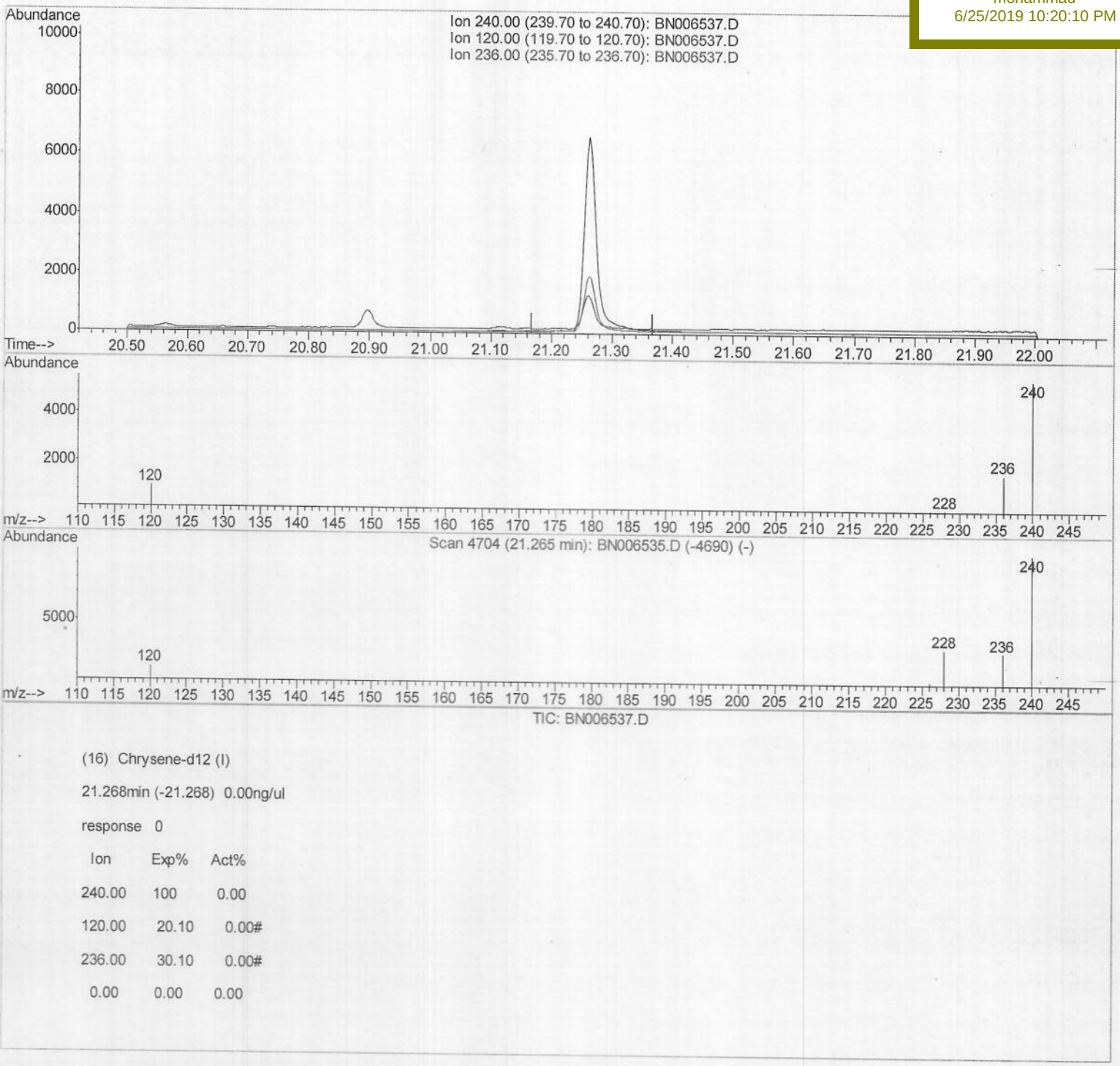
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006537.D
Acq On : 24 Jun 2019 18:46
Operator : HP/JU
Sample : K3362-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 25 02:05:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4211

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:10 PM



TIC: BN006537.D

(16) Chrysene-d12 (I)

21.268min (-21.268) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.10	0.00#
236.00	30.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006537.D
Acq On : 24 Jun 2019 18:46
Operator : HP/JU
Sample : K3362-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 25 02:05:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4211

Manual Integrations APPROVED
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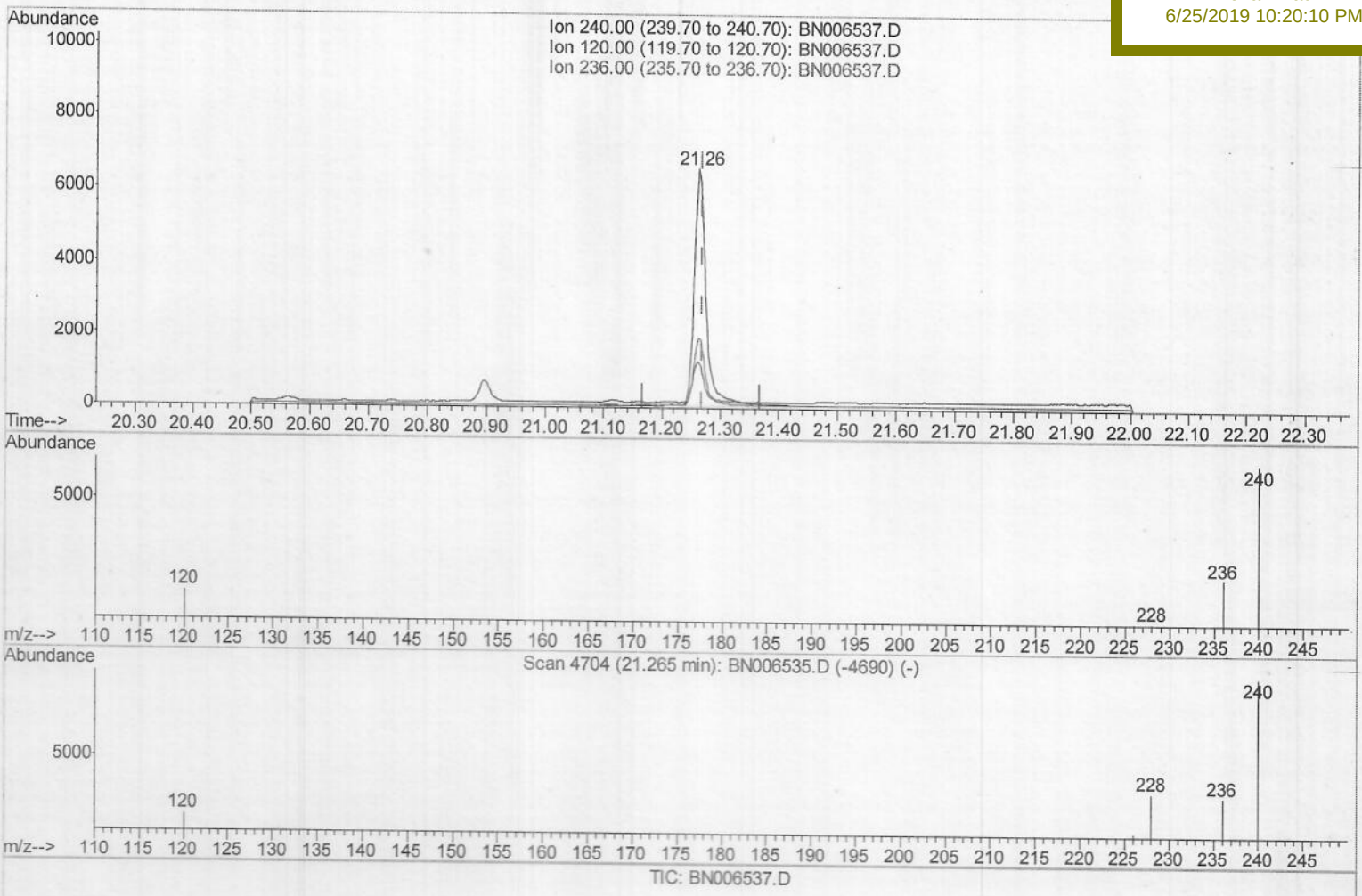

TIC: BN006537.D

(16) Chrysene-d12 (I)

21.262min (-0.006) 0.40ng/ul m

response 9405

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	19.36
236.00	30.10	29.56
0.00	0.00	0.00

JU 06/26/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006537.D
Acq On : 24 Jun 2019 18:46
Operator : HP/JU
Sample : K3362-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 25 02:06:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4211

Manual Integrations APPROVED
mohammad
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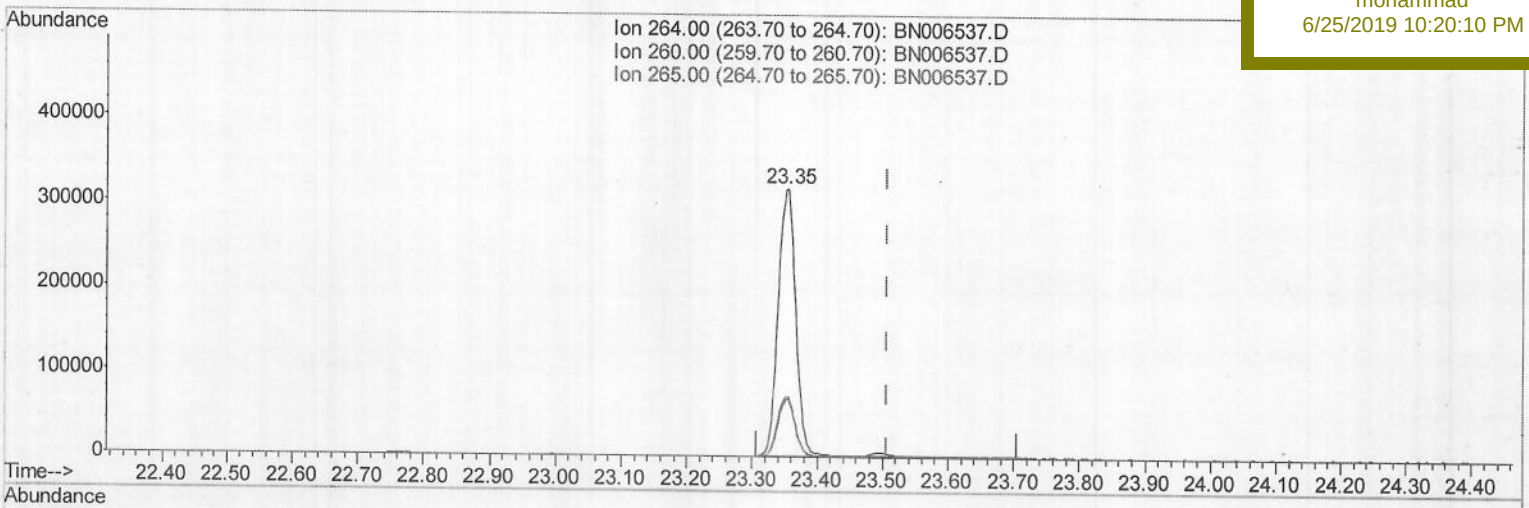

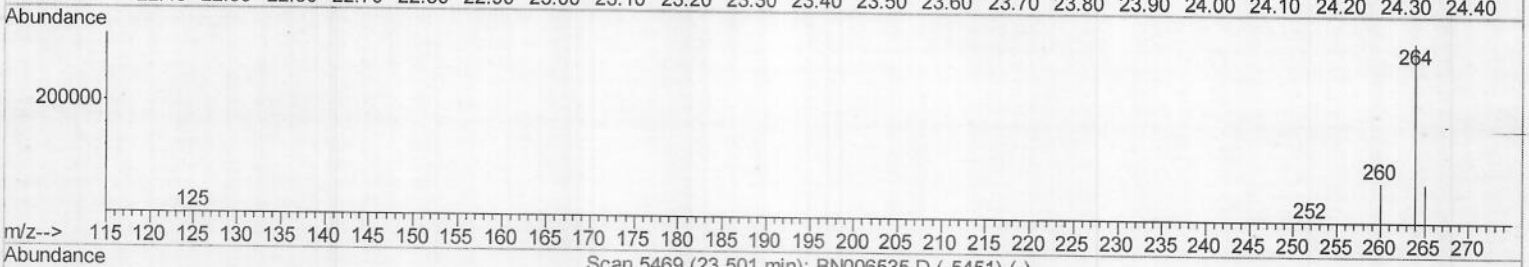

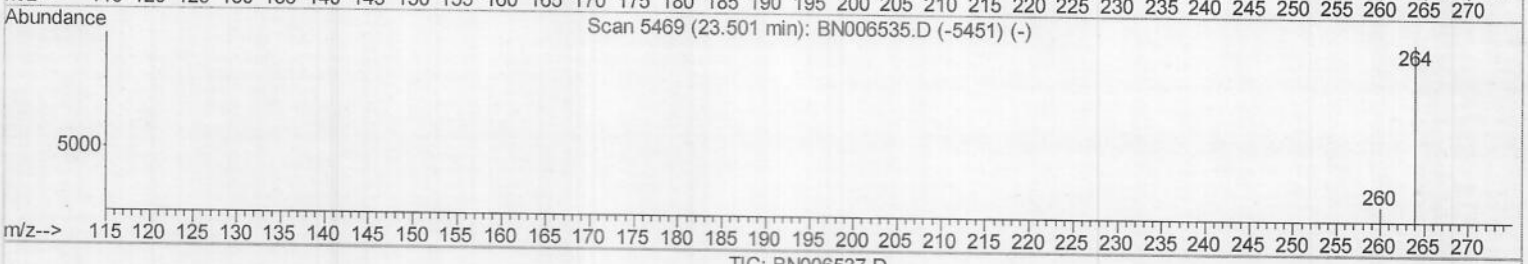

(20) Perylene-d12 (I)

23.355min (-0.152) 0.40ng/ul

response 591827

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.31#
265.00	44.70	21.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006537.D
Acq On : 24 Jun 2019 18:46
Operator : HP/JU
Sample : K3362-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 25 02:06:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
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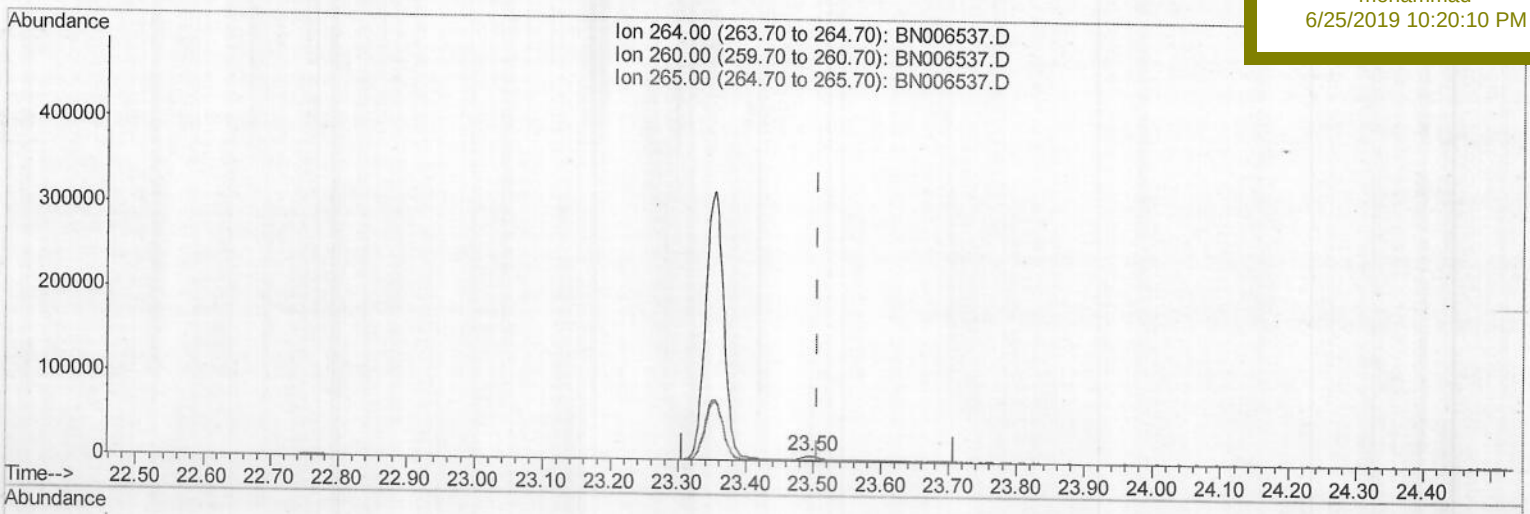
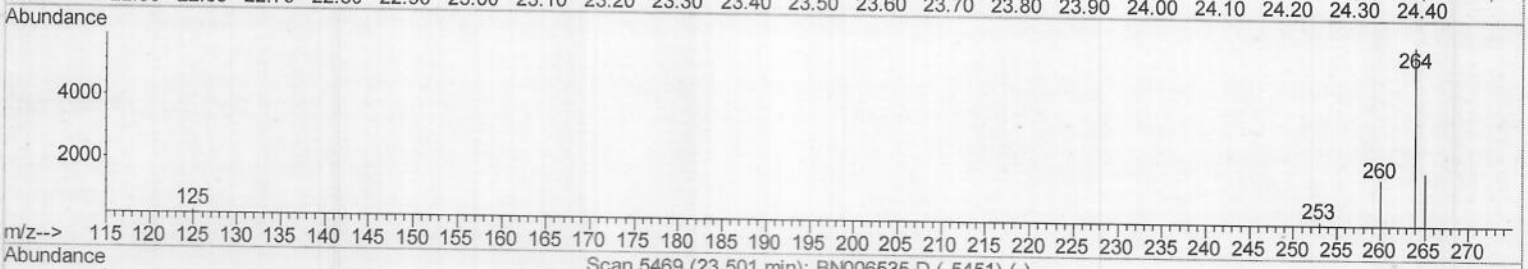
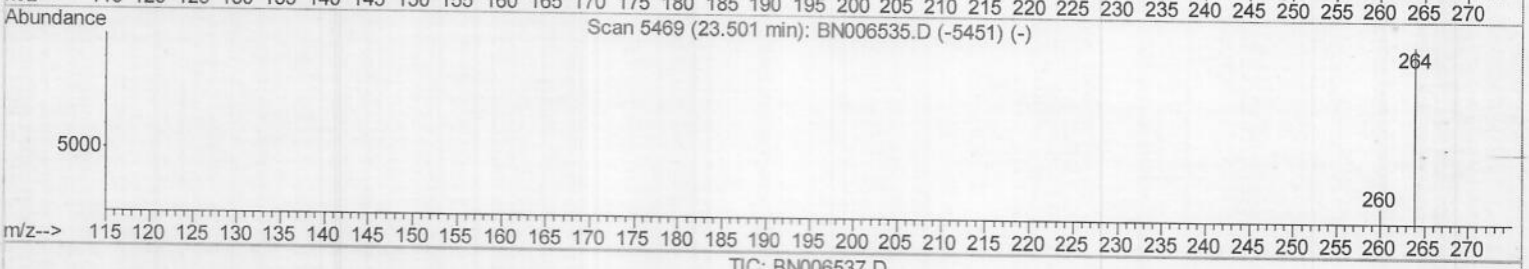
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4211

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:10 PM







(20) Perylene-d12 (I)

23.495min (-0.012) 0.40ng/ul m > JU 06|26|19

response 9242

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.77
265.00	44.70	31.93#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
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Acq On : 24 Jun 2019 18:46
Operator : HP/JU
Sample : K3362-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4888	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	17592	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	8162	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	14520m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.26	240	9405m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	9242m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	5703	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.08	212	9183m	0.24	ng/ul	0.00

JU 06/26/19

Target Compounds Qvalue

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