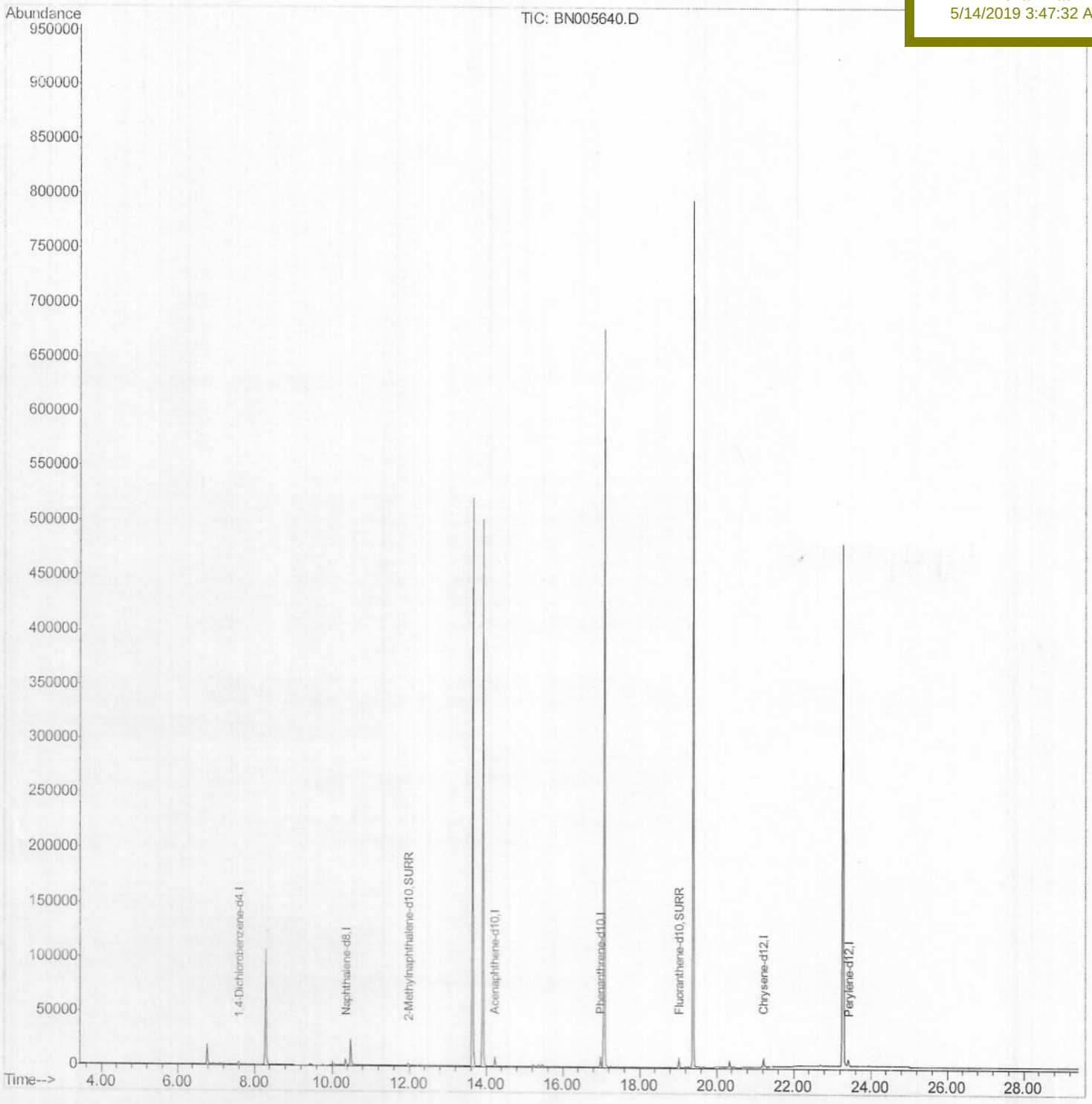
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005640.D
Acq On : 11 May 2019 23:00
Operator : JU/SJ
Sample : K2606-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 12 02:03:12 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 : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5149

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:32 AM



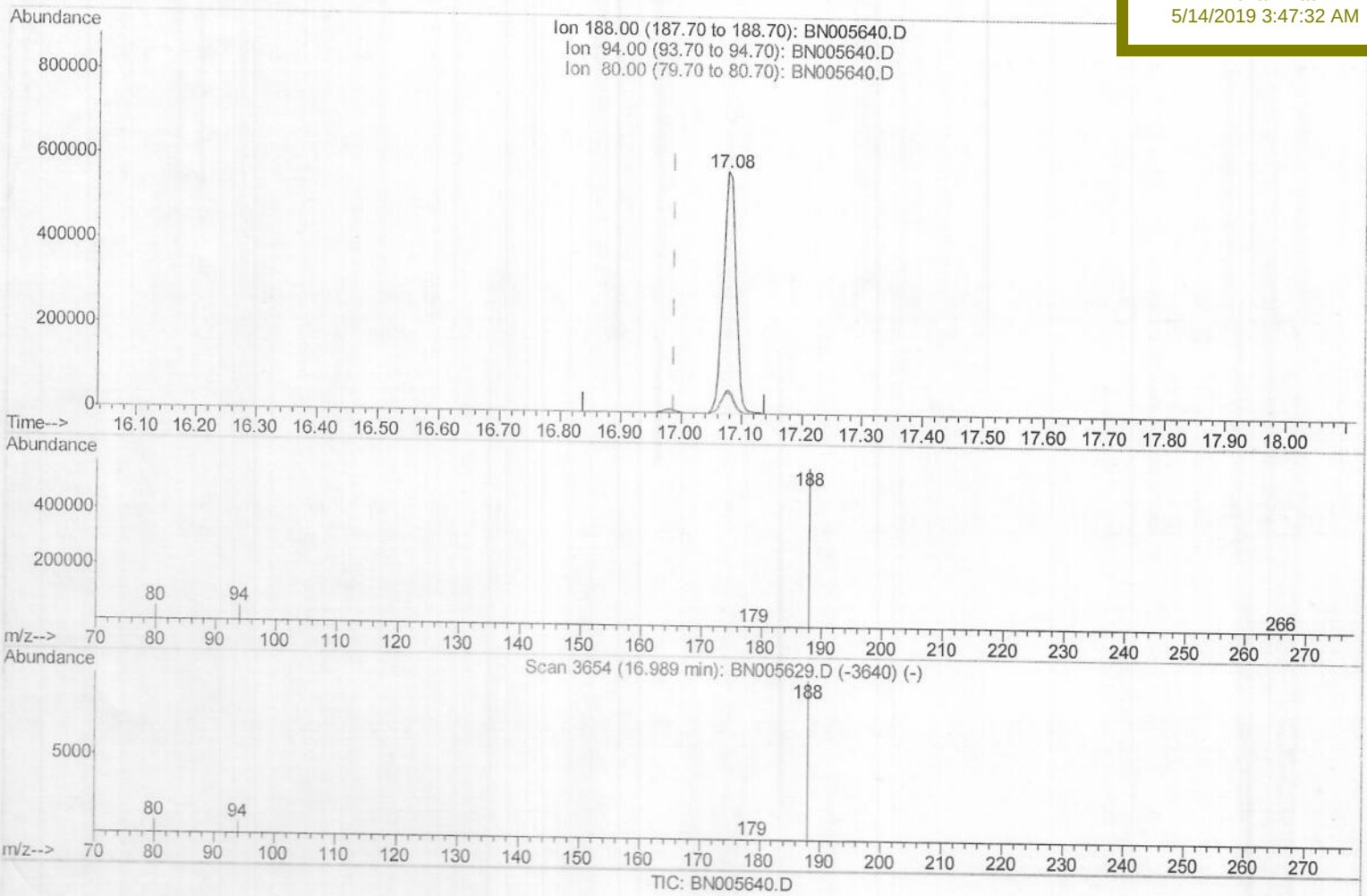
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005640.D
Acq On : 11 May 2019 23:00
Operator : JU/SJ
Sample : K2606-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 12 00:40:44 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 : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5149

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:32 AM



(10) Phenanthrene-d10 (I)

17.078min (+0.089) 0.40ng/ul

response 837151

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	9.54
80.00	9.80	8.64
0.00	0.00	0.00

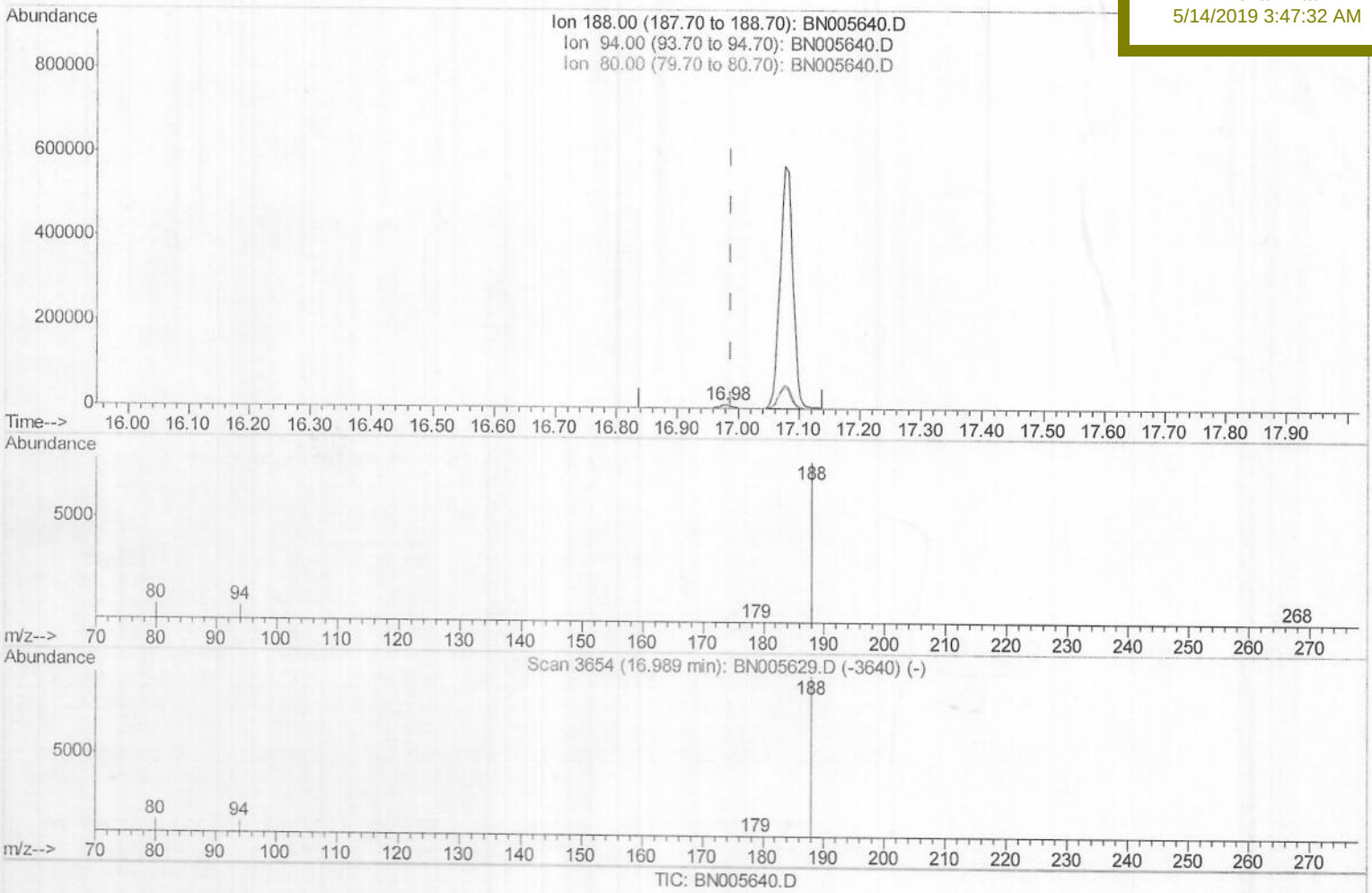
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005640.D
Acq On : 11 May 2019 23:00
Operator : JU/SJ
Sample : K2606-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 12 00:40:44 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 : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5149

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:32 AM



(10) Phenanthrene-d10 (I)

16.981min (-0.008) 0.40ng/ul m) JU 05/14/19

response 11118

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.94
80.00	9.80	9.83
0.00	0.00	0.00

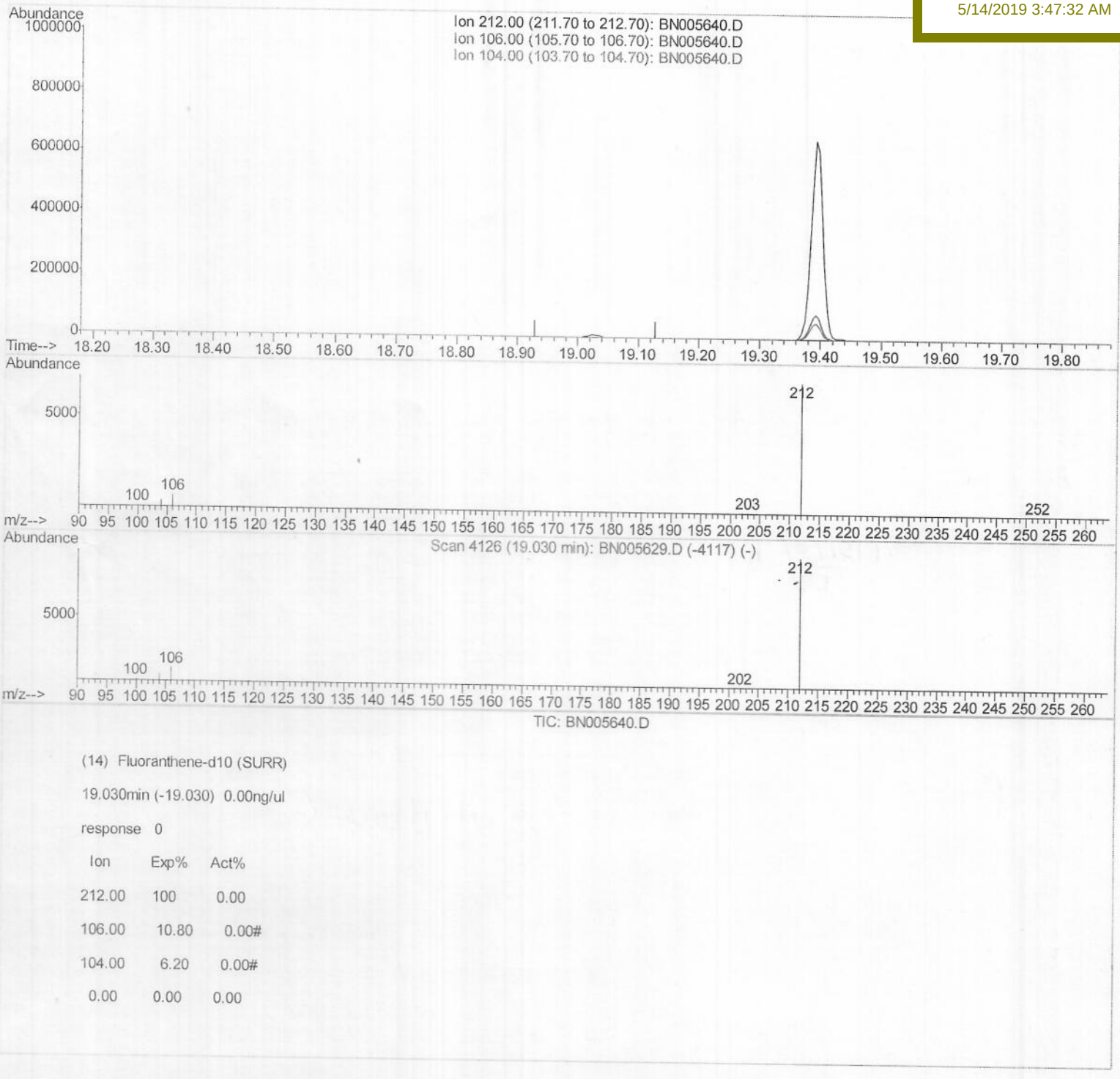
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005640.D
Acq On : 11 May 2019 23:00
Operator : JU/SJ
Sample : K2606-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 12 02:00:46 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 : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5149

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:32 AM



TIC: BN005640.D

(14) Fluoranthene-d10 (SURR)

19.030min (-19.030) 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

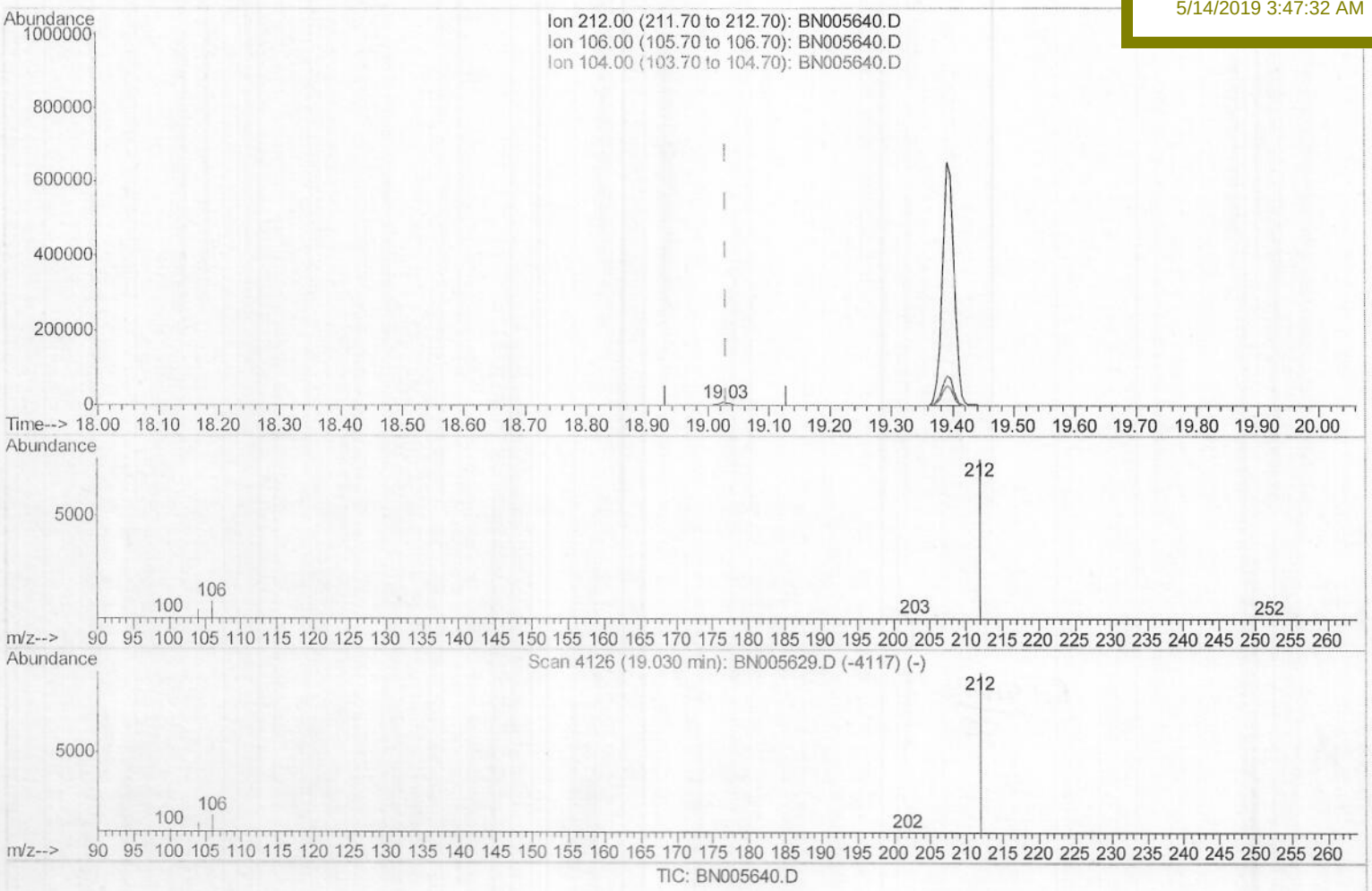
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005640.D
Acq On : 11 May 2019 23:00
Operator : JU/SJ
Sample : K2606-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 12 02:00:46 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 : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5149

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:32 AM



(14) Fluoranthene-d10 (SURR)

19.025min (-0.005) 0.31ng/ul m JU05/14/19

response 10745

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

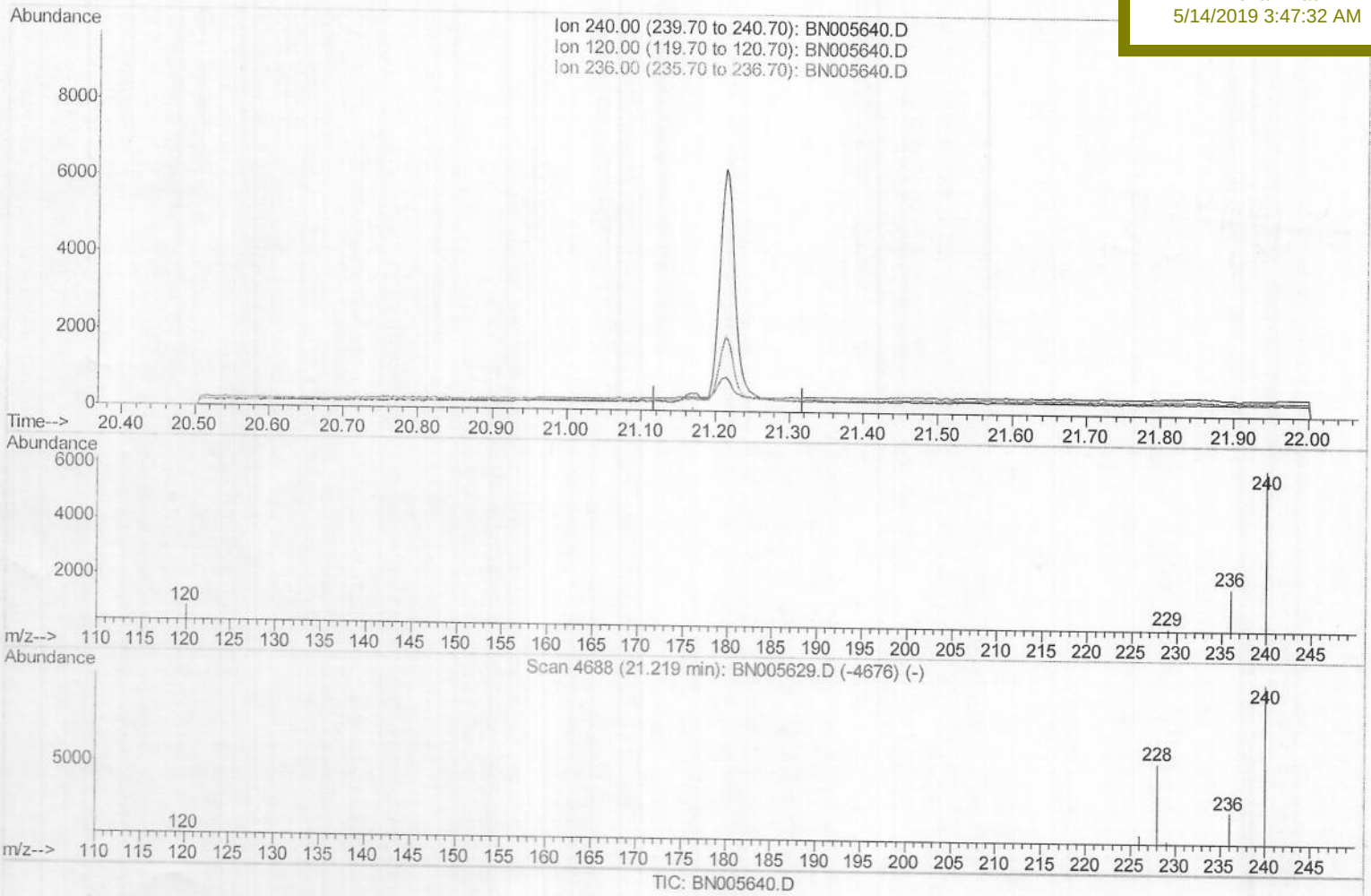
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005640.D
Acq On : 11 May 2019 23:00
Operator : JU/SJ
Sample : K2606-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 12 02:01:48 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 : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5149

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:32 AM



TIC: BN005640.D

(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

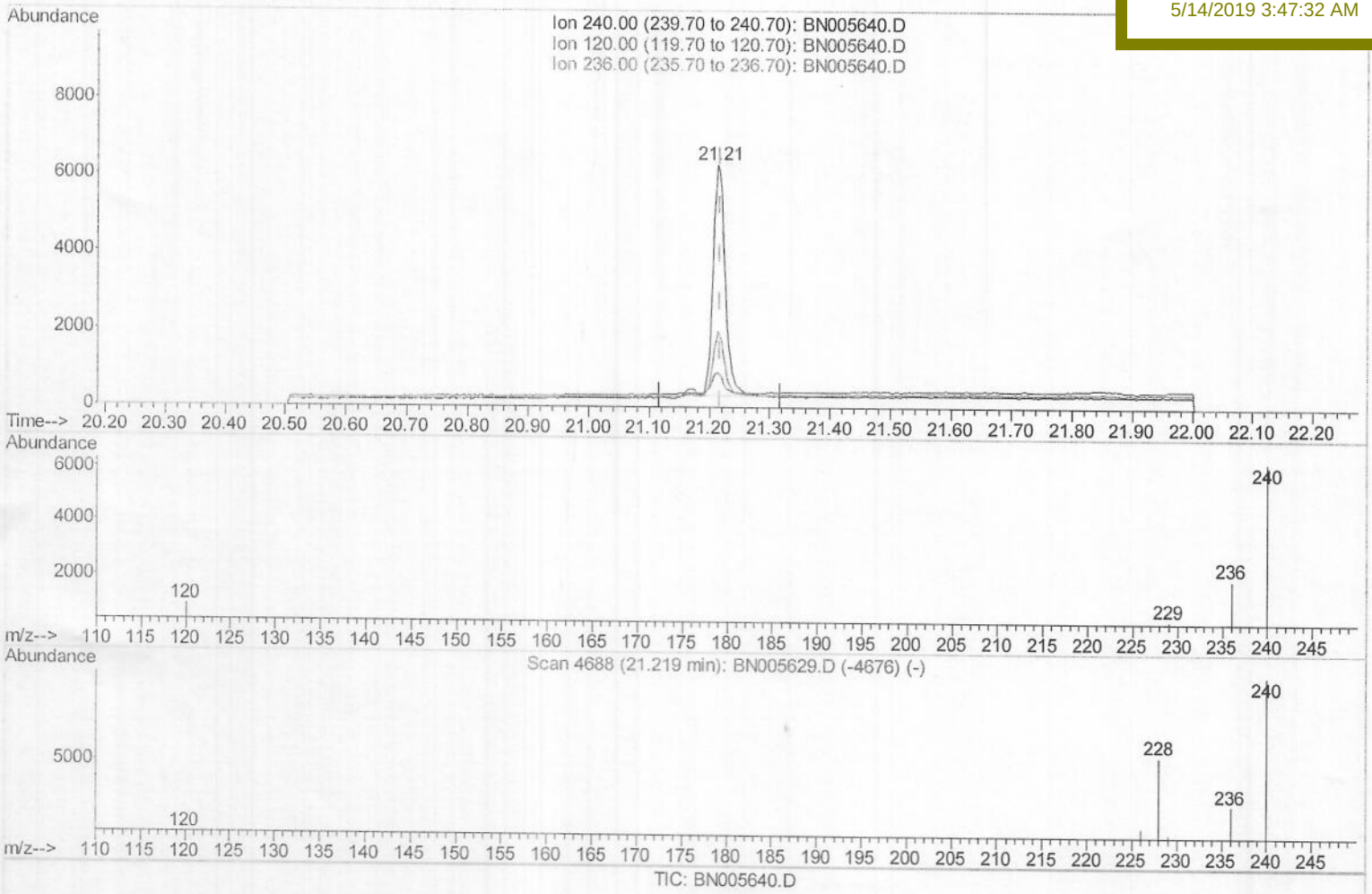
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005640.D
Acq On : 11 May 2019 23:00
Operator : JU/SJ
Sample : K2606-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 12 02:01:48 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 : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5149

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:32 AM



TIC: BN005640.D

(16) Chrysene-d12 (I)

21.214min (-0.004) 0.40ng/ul m > JV05|14|19

response 8382

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	14.66#
236.00	28.00	31.24
0.00	0.00	0.00

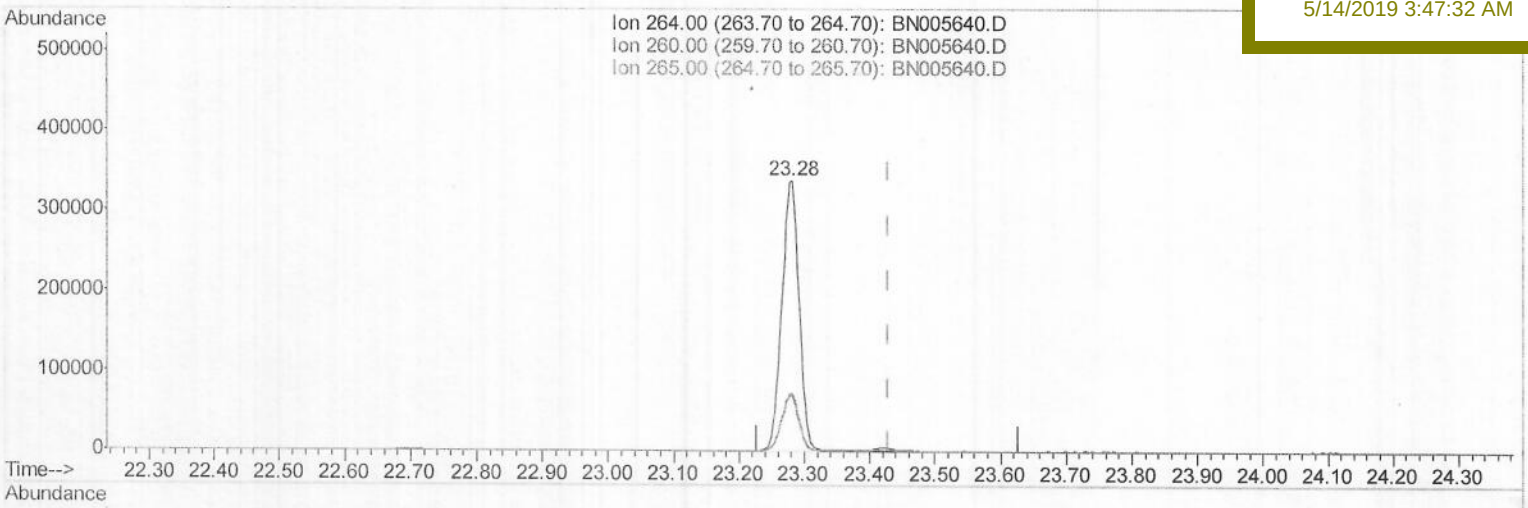
Quantitation Report (Qedit)

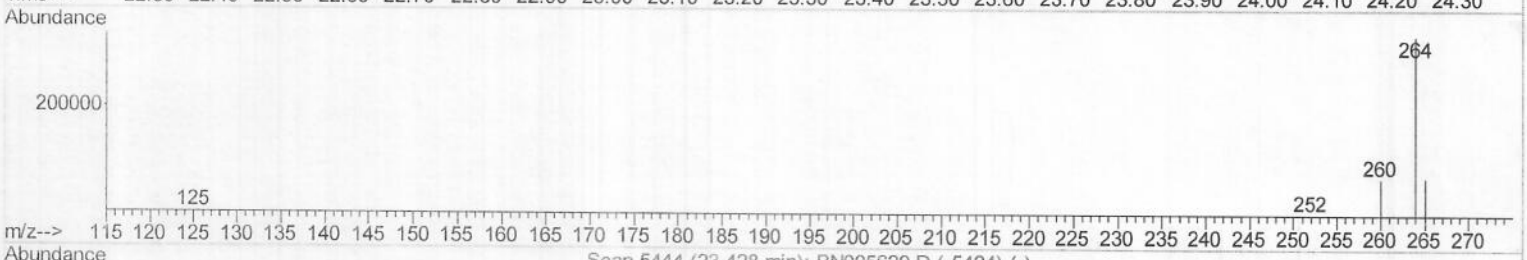
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005640.D
Acq On : 11 May 2019 23:00
Operator : JU/SJ
Sample : K2606-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

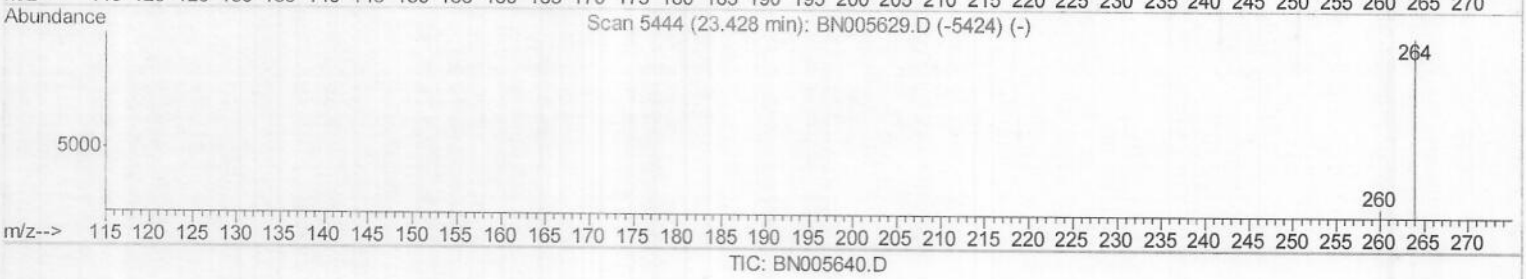
Quant Time: May 12 02:02:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5149

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:32 AM







TIC: BN005640.D

(20) Perylene-d12 (I)

23.281min (-0.147) 0.40ng/ul

response 612638

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.74
265.00	31.70	21.36#
0.00	0.00	0.00

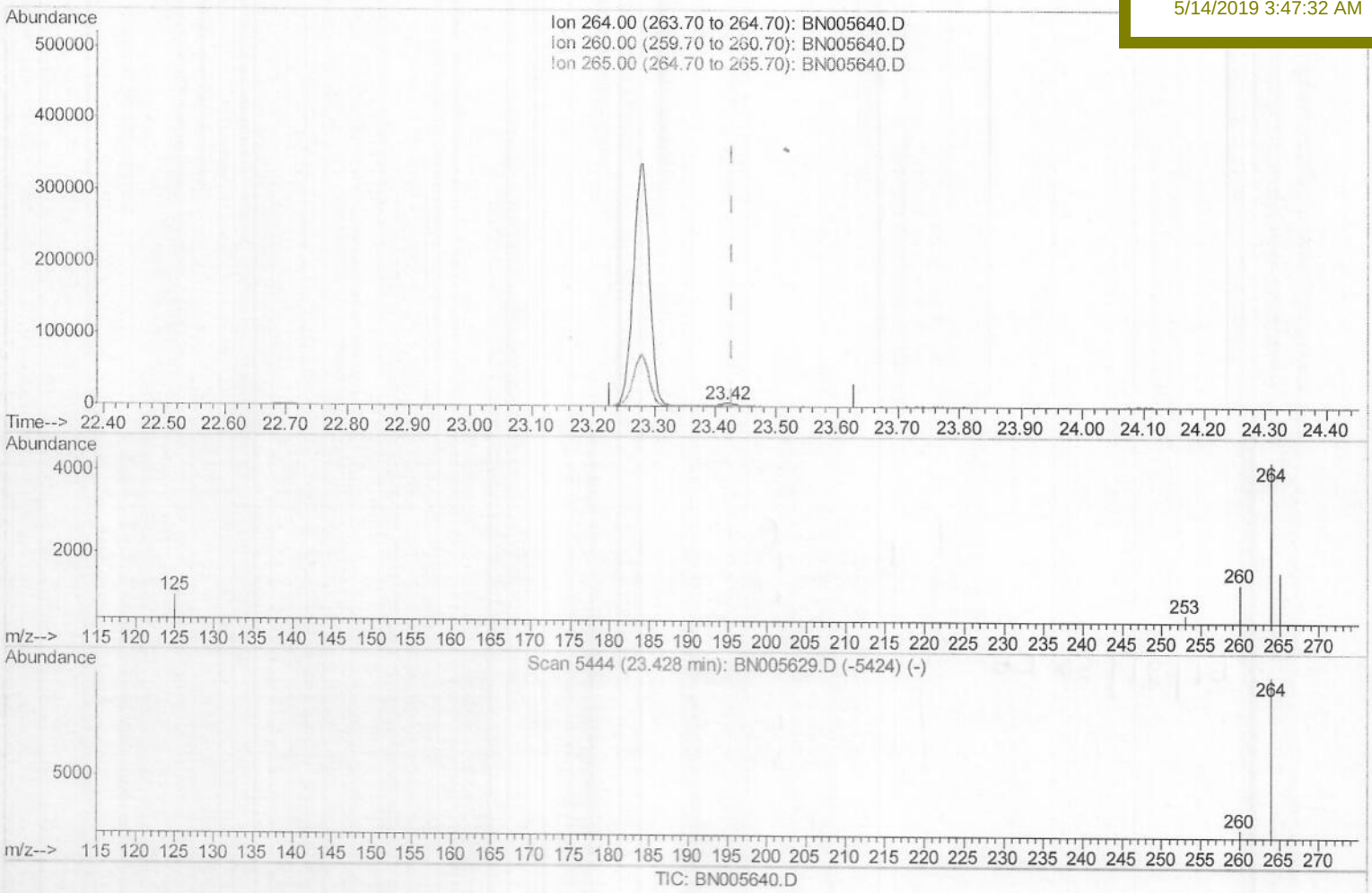
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005640.D
Acq On : 11 May 2019 23:00
Operator : JU/SJ
Sample : K2606-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 12 02:02:31 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 : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5149

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:32 AM



(20) Perylene-d12 (I)

23.418min (-0.010) 0.40ng/ul m JU 05/14/19

response 6316

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	30.78#
265.00	31.70	37.76
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005640.D
Acq On : 11 May 2019 23:00
Operator : JU/SJ
Sample : K2606-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 12 02:03:12 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 : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1794	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	7396	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	4673	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	11118m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	8382m	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	6316m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3772	0.33	ng/ul	-0.01
14) Fluoranthene-d10	19.03	212	10745m	0.31	ng/ul	0.00
Target Compounds						Qvalue

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

Instrument :
BNA_N
ClientSampleId :
A5149

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:32 AM

JU 05/14/19