Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

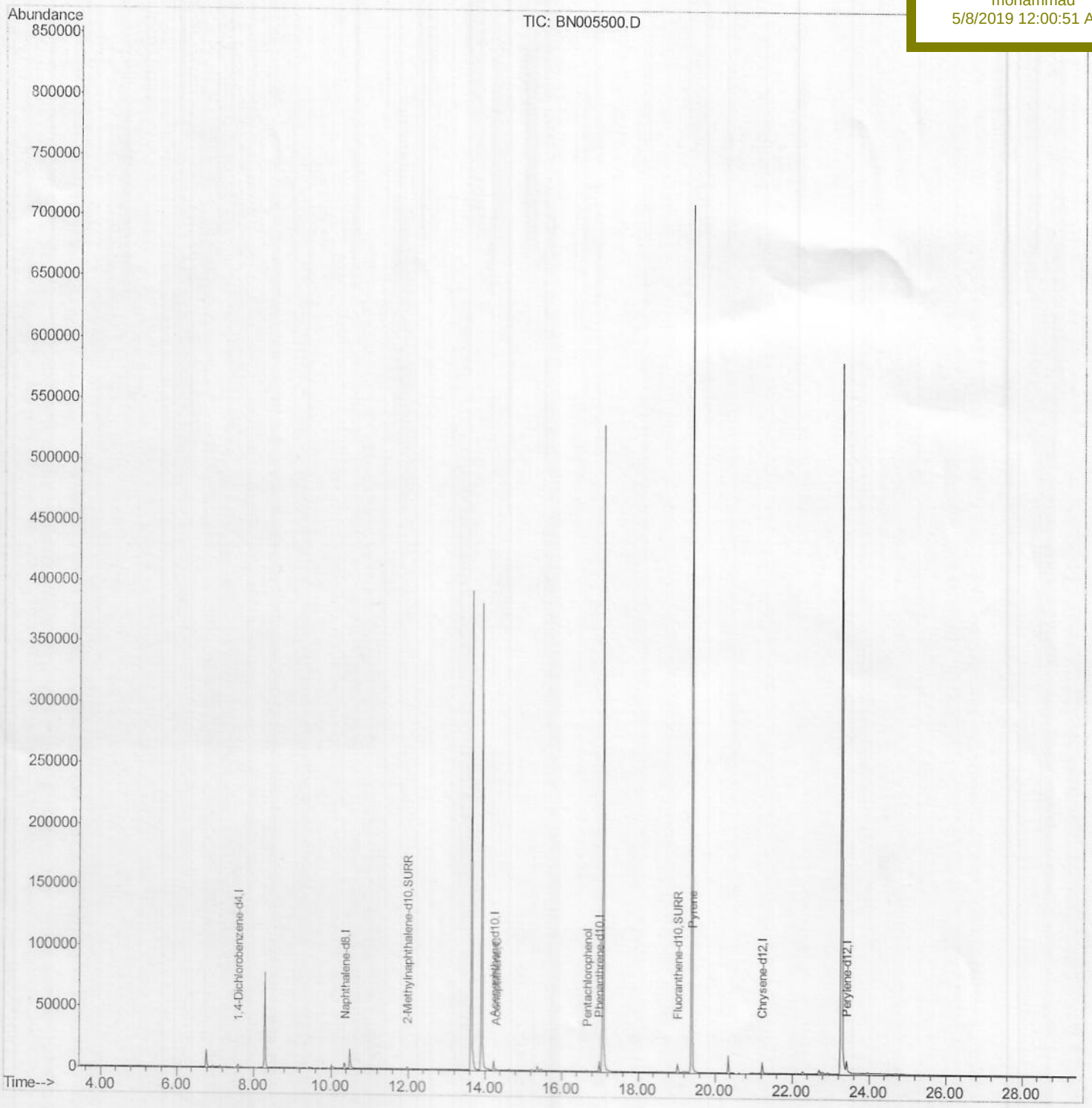
Quantitation Report (QT Reviewed)

Data File : BN005500.D
Acq On : 06 May 2019 23:56
Operator : JU/SJ
Sample : K2470-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 07 07:39:43 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 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5135

Manual Integrations APPROVED
mohammad
5/8/2019 12:00:51 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

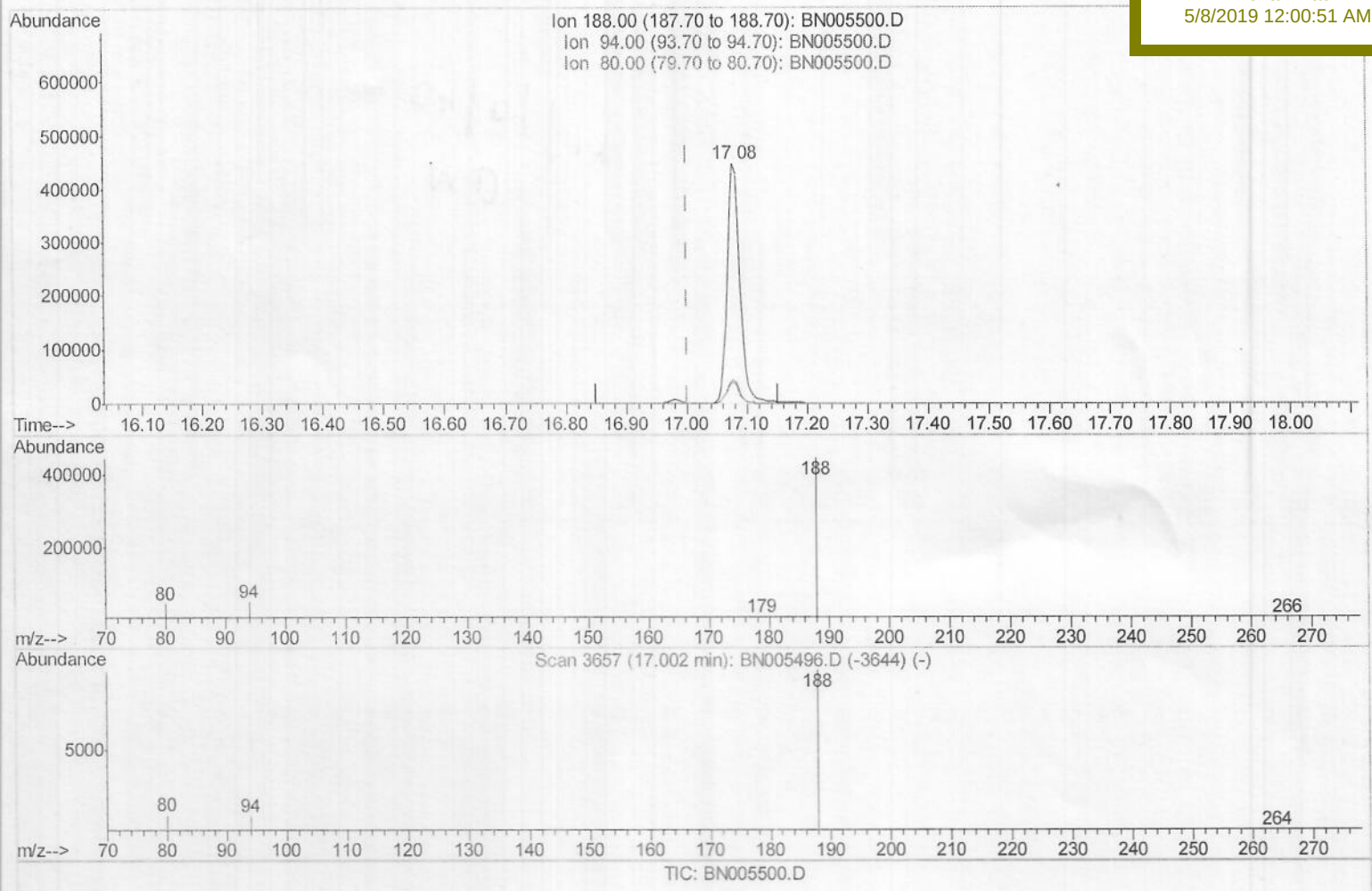
Quantitation Report (Qedit)

Data File : BN005500.D
Acq On : 06 May 2019 23:56
Operator : JU/SJ
Sample : K2470-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 07 07:09:10 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 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5135

Manual Integrations APPROVED
mohammad
5/8/2019 12:00:51 AM



TIC: BN005500.D

(10) Phenanthrene-d10 (I)

17.078min (+0.076) 0.40ng/ul

response 648880

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	9.76
80.00	9.80	8.87
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

Quantitation Report (Qedit)

Data File : BN005500.D
Acq On : 06 May 2019 23:56
Operator : JU/SJ
Sample : K2470-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 07 07:09:10 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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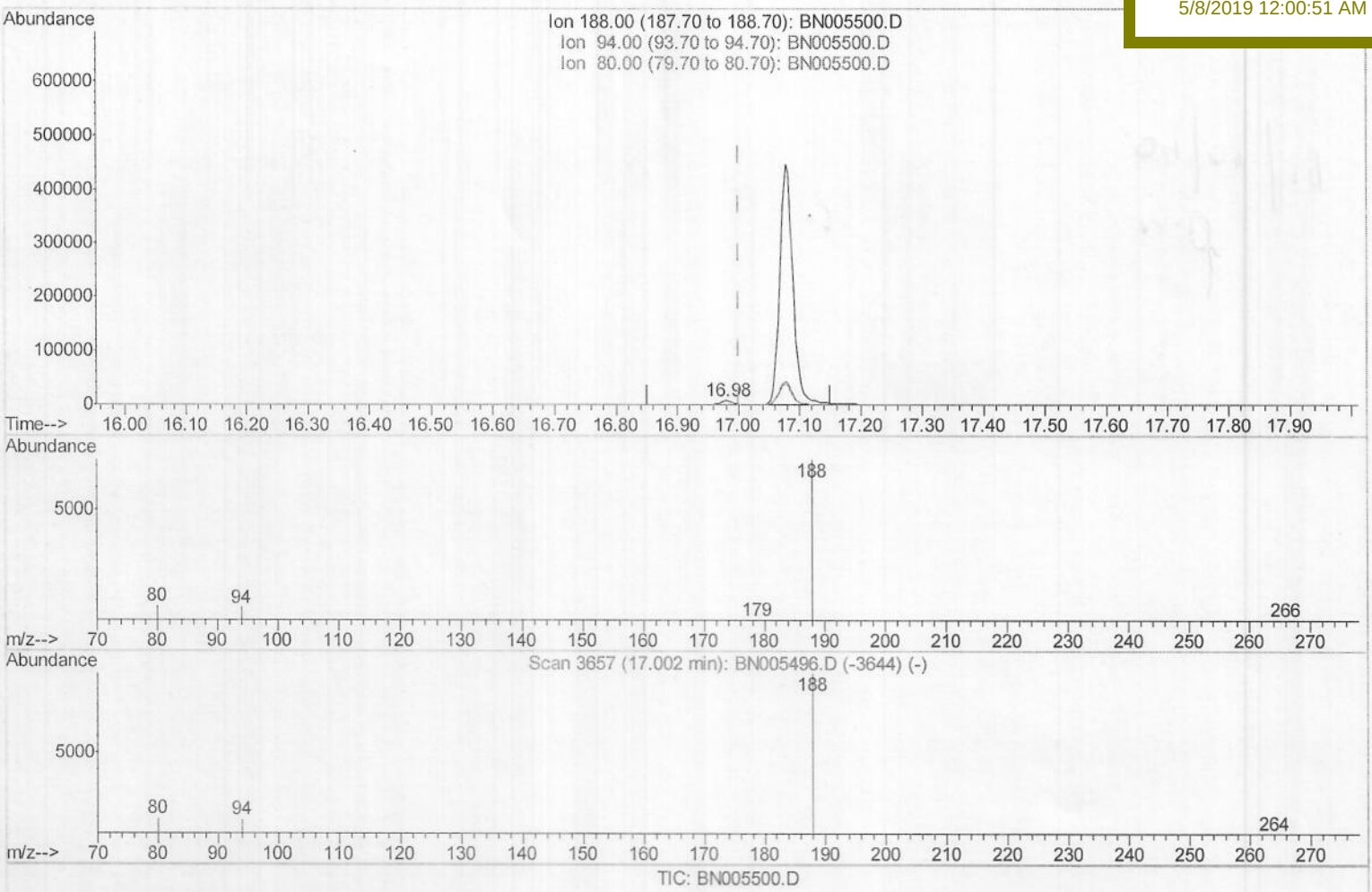
BNA_N
ClientSampleId :
A5135

Manual Integrations APPROVED
mohammad
5/8/2019 12:00:51 AM



TIC: BN005500.D

(10) Phenanthrene-d10 (I)

16.980min (-0.021) 0.40ng/ul m) JU05/08/19

response 10125

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.80
80.00	9.80	9.54
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

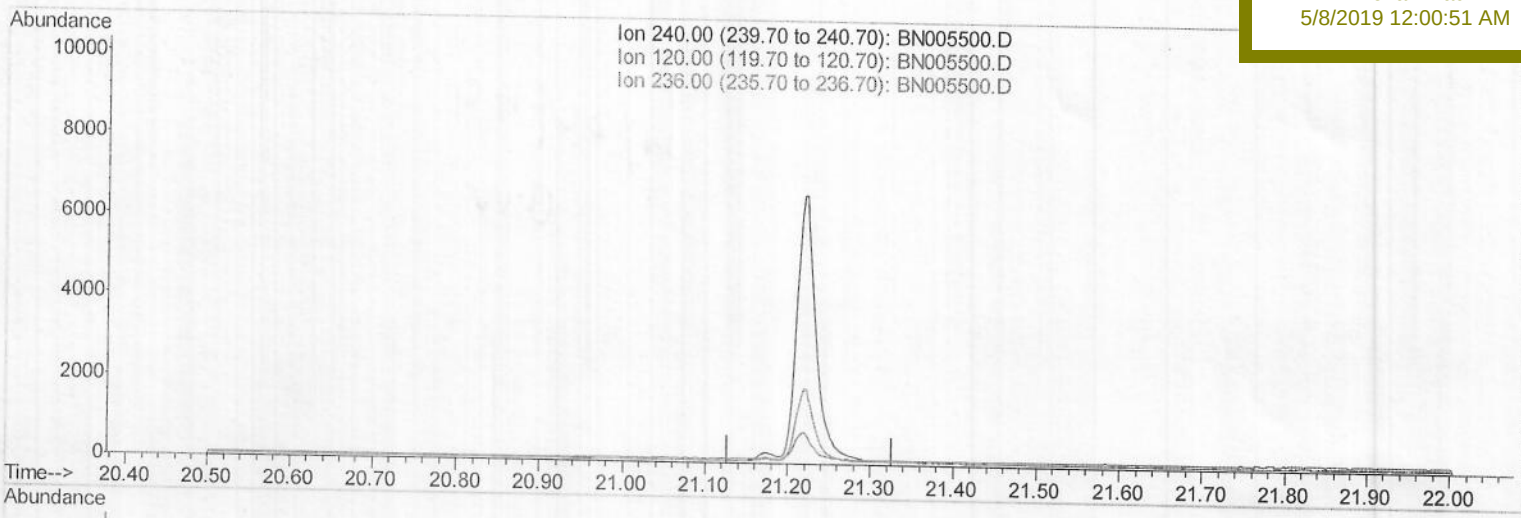
Quantitation Report (Qedit)

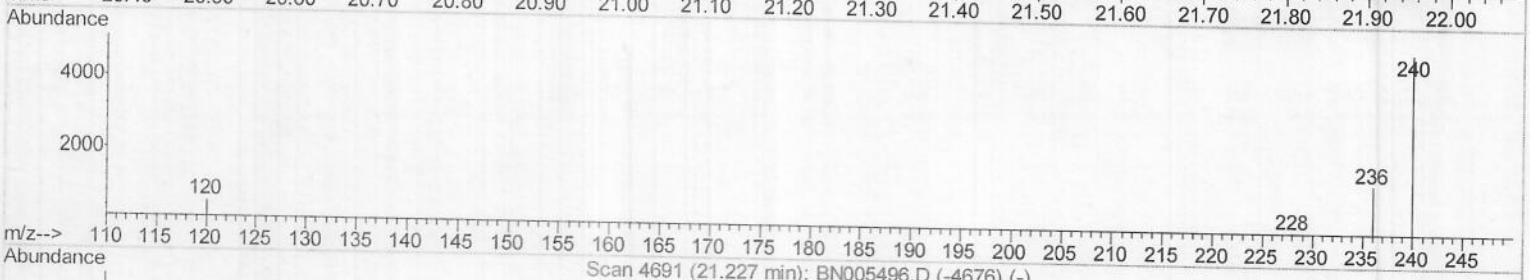
Data File : BN005500.D
Acq On : 06 May 2019 23:56
Operator : JU/SJ
Sample : K2470-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

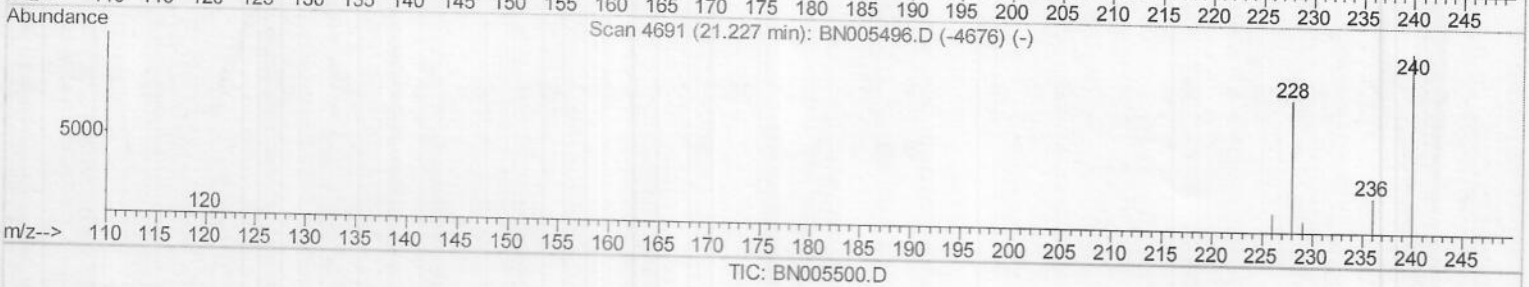
Quant Time: May 07 07:37:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5135

Manual Integrations APPROVED
mohammad
5/8/2019 12:00:51 AM







TIC: BN005500.D

(16) Chrysene-d12 (I)

21.227min (-21.227) 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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

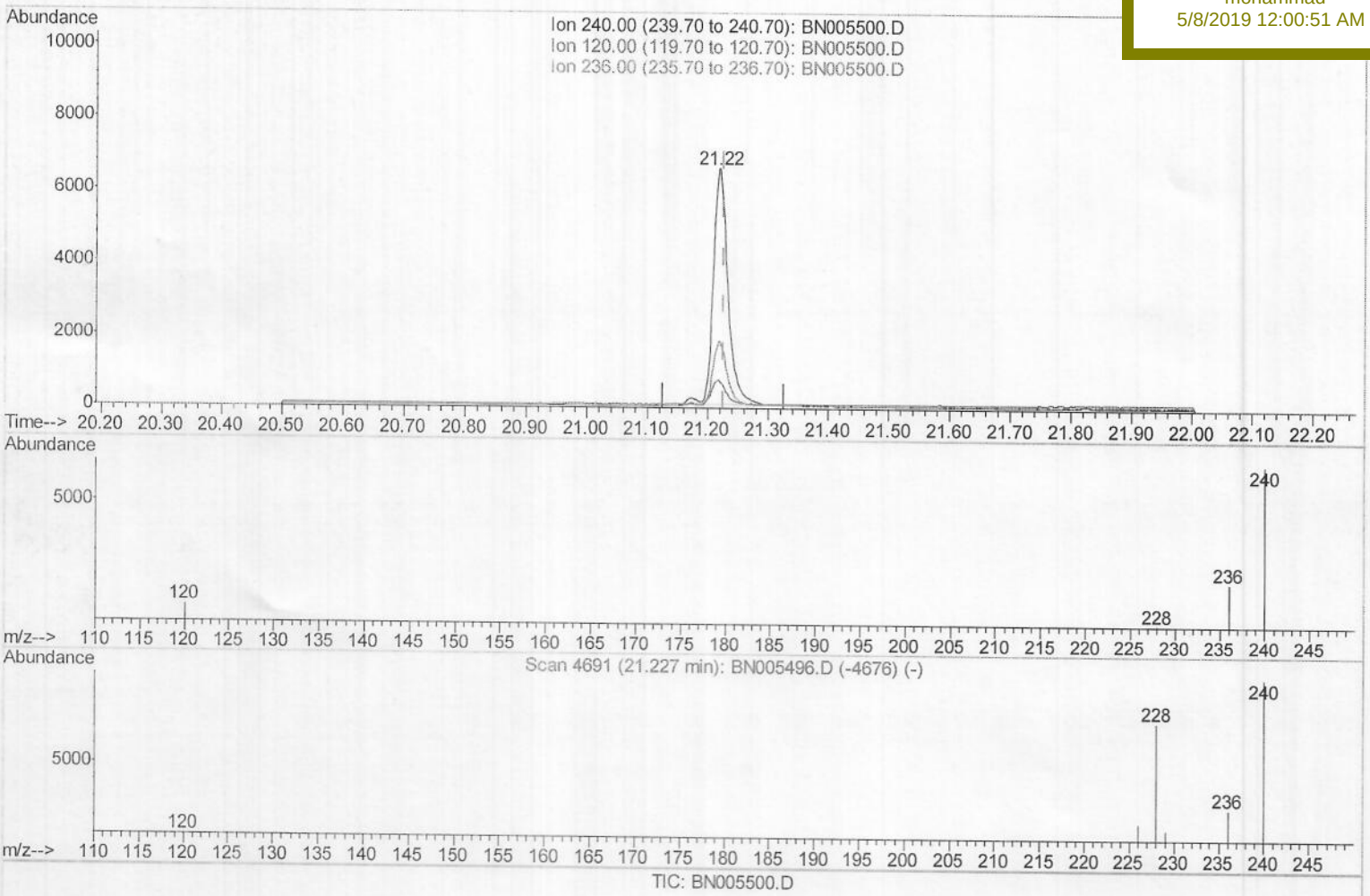
Quantitation Report (Qedit)

Data File : BN005500.D
Acq On : 06 May 2019 23:56
Operator : JU/SJ
Sample : K2470-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 07 07:37:49 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 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5135

Manual Integrations APPROVED
mohammad
5/8/2019 12:00:51 AM



(16) Chrysene-d12 (I)

21.219min (-0.009) 0.40ng/ul m) JU05/08/19

response 10654

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	11.85
236.00	28.00	28.20
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

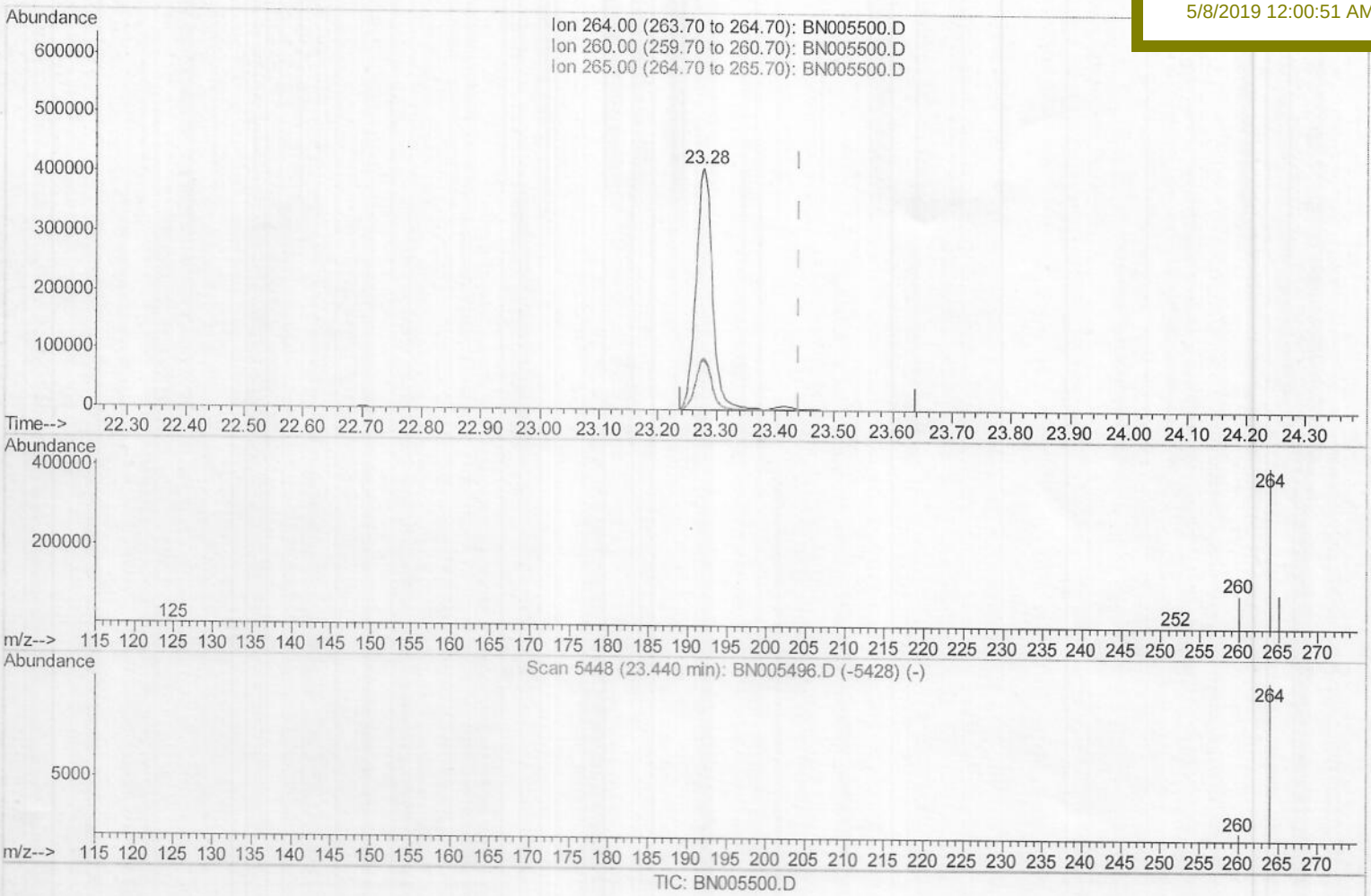
Quantitation Report (Qedit)

Data File : BN005500.D
Acq On : 06 May 2019 23:56
Operator : JU/SJ
Sample : K2470-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 07 07:38:53 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 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5135

Manual Integrations APPROVED
mohammad
5/8/2019 12:00:51 AM



TIC: BN005500.D

(20) Perylene-d12 (I)

23.279min (-0.161) 0.40ng/ul

response 785177

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.66
265.00	31.70	21.20#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

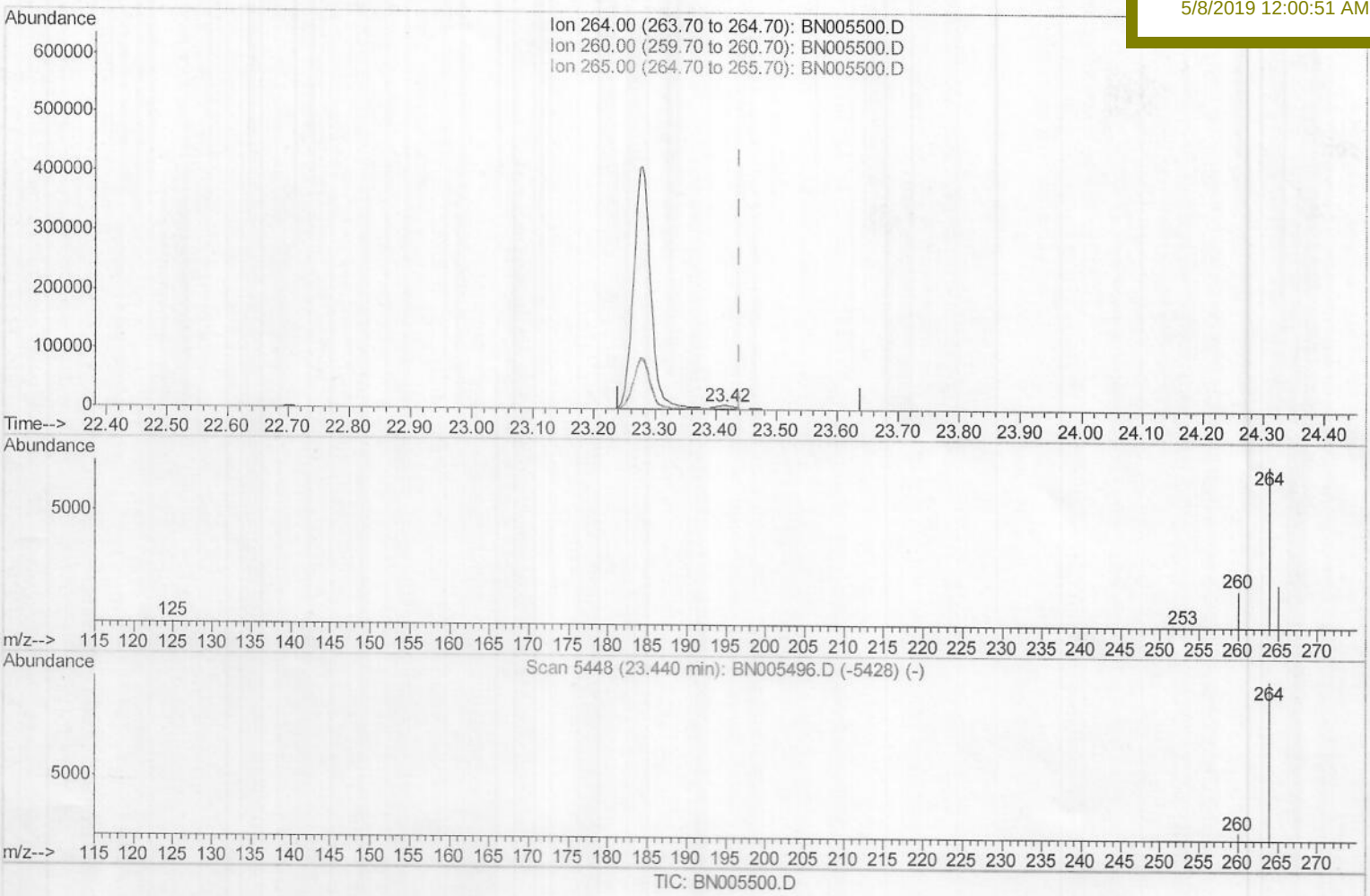
Quantitation Report (Qedit)

Data File : BN005500.D
Acq On : 06 May 2019 23:56
Operator : JU/SJ
Sample : K2470-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 07 07:38:53 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 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5135

Manual Integrations APPROVED
mohammad
5/8/2019 12:00:51 AM



TIC: BN005500.D

(20) Perylene-d12 (I)

23.416min (-0.023) 0.40ng/ul m JU05/08/19

response 9576

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	24.48
265.00	31.70	27.97
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

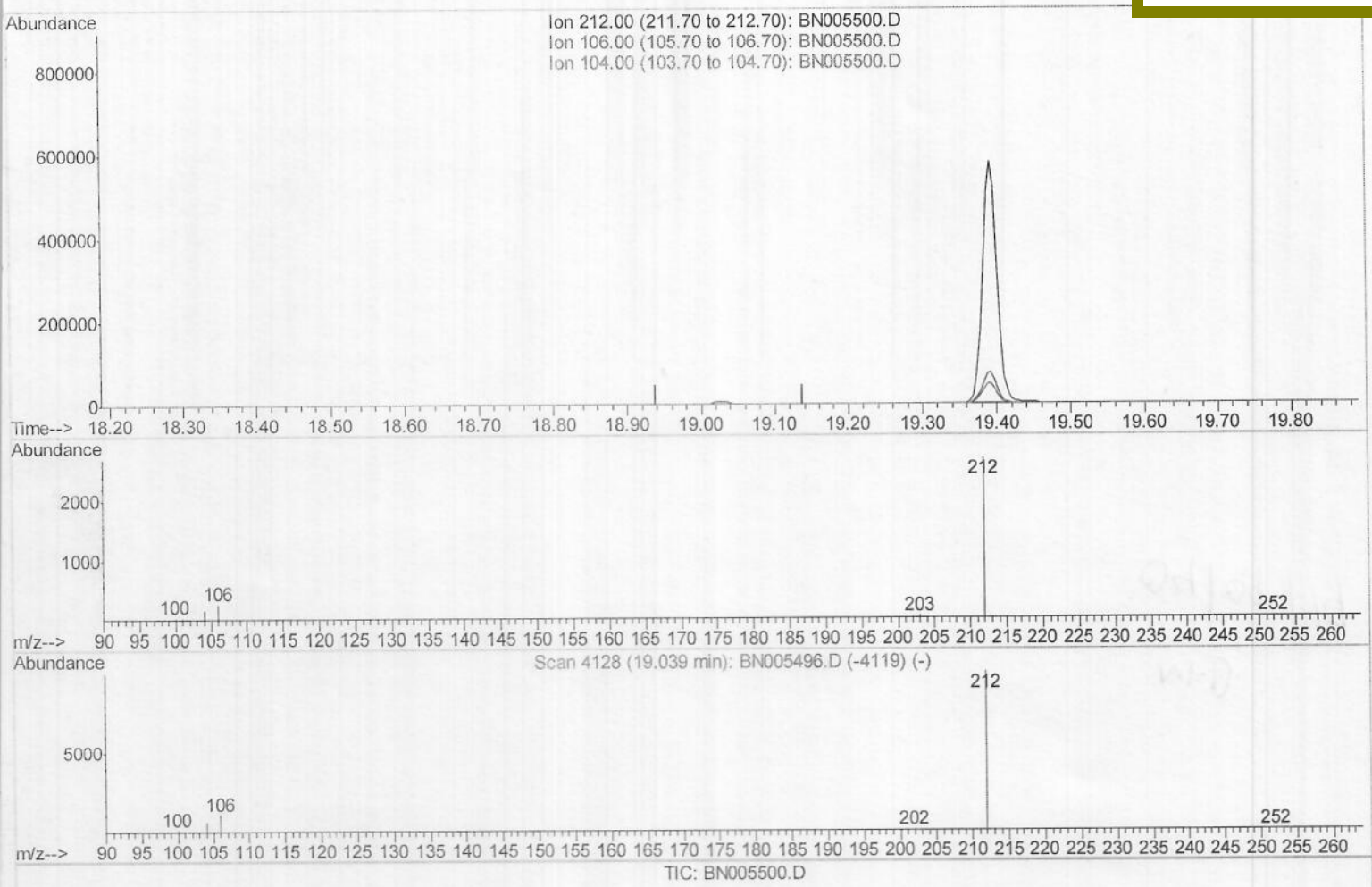
Quantitation Report (Qedit)

Data File : BN005500.D
Acq On : 06 May 2019 23:56
Operator : JU/SJ
Sample : K2470-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 07 07:37:49 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 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5135

Manual Integrations APPROVED
mohammad
5/8/2019 12:00:51 AM



TIC: BN005500.D

(14) Fluoranthene-d10 (SURR)

19.039min (-19.039) 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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

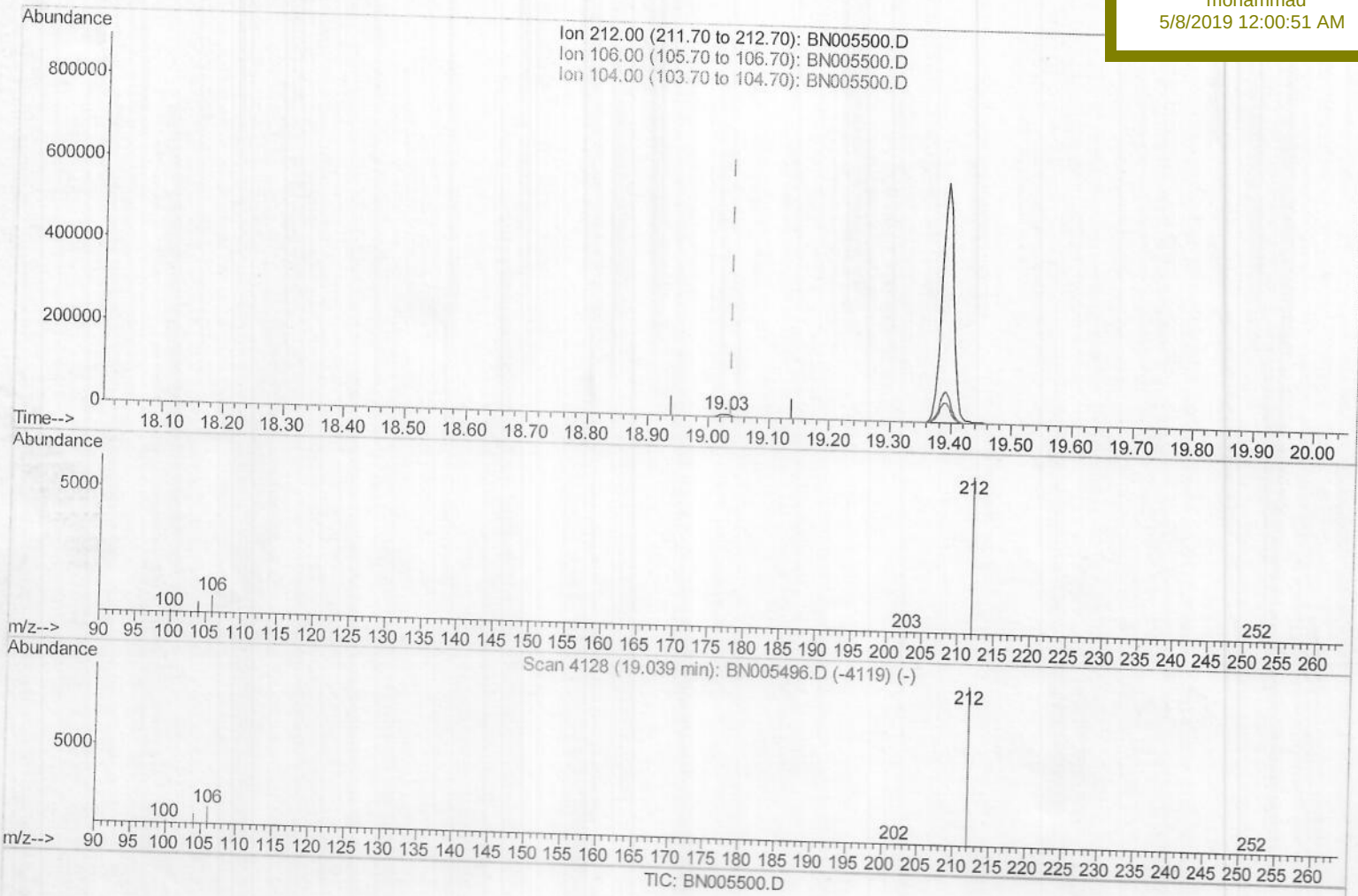
Quantitation Report (Qedit)

Data File : BN005500.D
Acq On : 06 May 2019 23:56
Operator : JU/SJ
Sample : K2470-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 07 07:37:49 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 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5135

Manual Integrations APPROVED
mohammad
5/8/2019 12:00:51 AM



(14) Fluoranthene-d10 (SURR)

19.025min (-0.014) 0.27ng/ul m > JU 05/08/19

response 8681

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

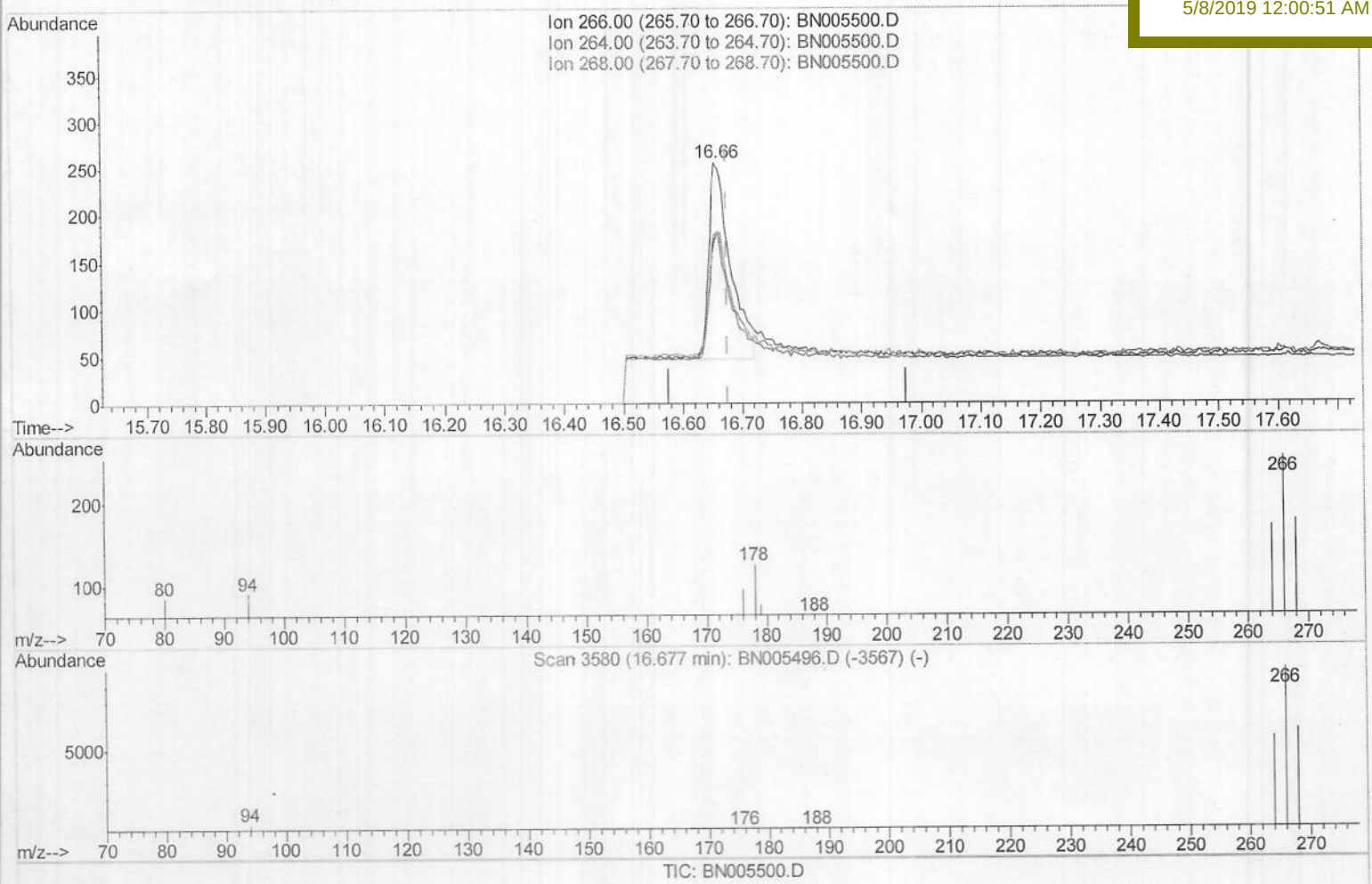
Quantitation Report (Qedit)

Data File : BN005500.D
Acq On : 06 May 2019 23:56
Operator : JU/SJ
Sample : K2470-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 07 07:37:49 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 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5135

Manual Integrations APPROVED
mohammad
5/8/2019 12:00:51 AM



TIC: BN005500.D

(11) Pentachlorophenol

16.655min (-0.021) 0.20ng/ul m > JU 05|08|19

response 530

Ion	Exp%	Act%
266.00	100	100
264.00	69.10	0.00#
268.00	70.90	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

Quantitation Report (Qedit)

Data File : BN005500.D
Acq On : 06 May 2019 23:56
Operator : JU/SJ
Sample : K2470-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 07 07:37:49 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 07 07:04:57 2019
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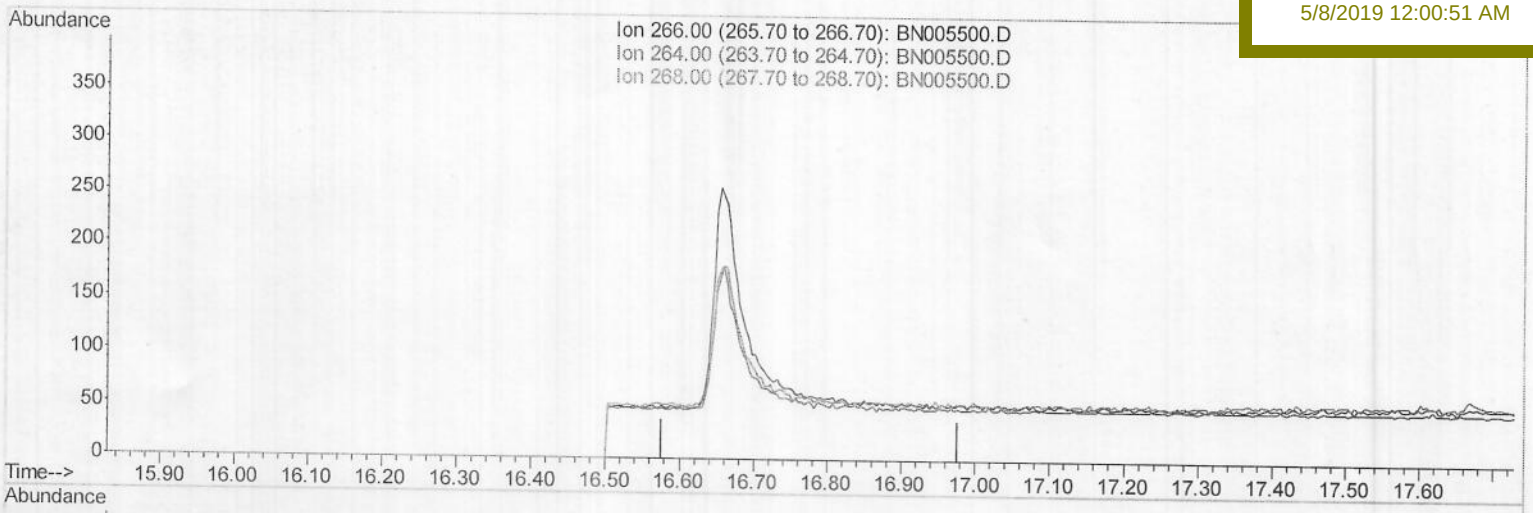
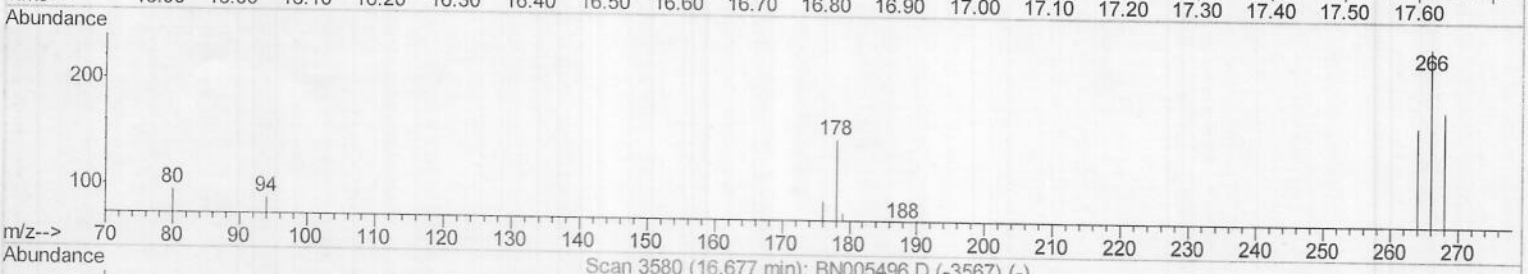
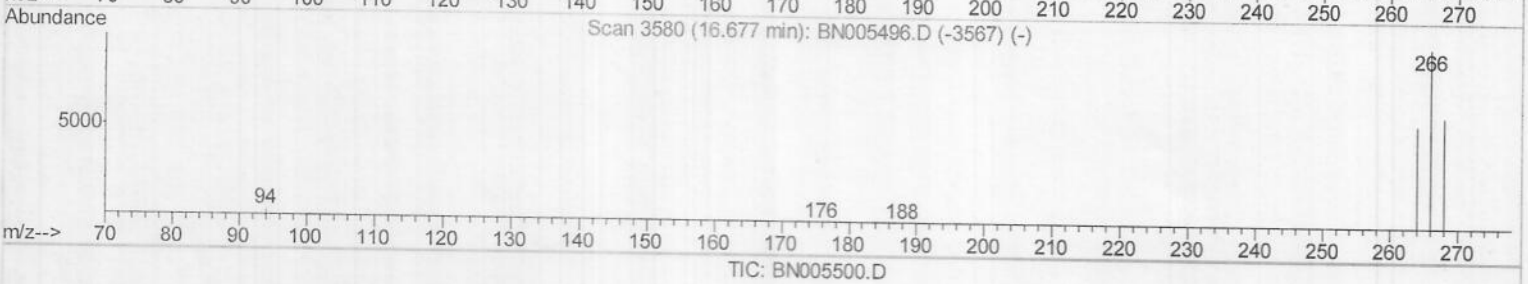
Manual Integrations APPROVED
mohammad
5/8/2019 12:00:51 AM







TIC: BN005500.D

(11) Pentachlorophenol

16.677min (-16.677) 0.00ng/ul

response 0

Ion	Exp%	Act%
266.00	100	0.00
264.00	69.10	0.00#
268.00	70.90	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

Quantitation Report (Qedit)

Data File : BN005500.D
Acq On : 06 May 2019 23:56
Operator : JU/SJ
Sample : K2470-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 07 07:38:53 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 07 07:04:57 2019
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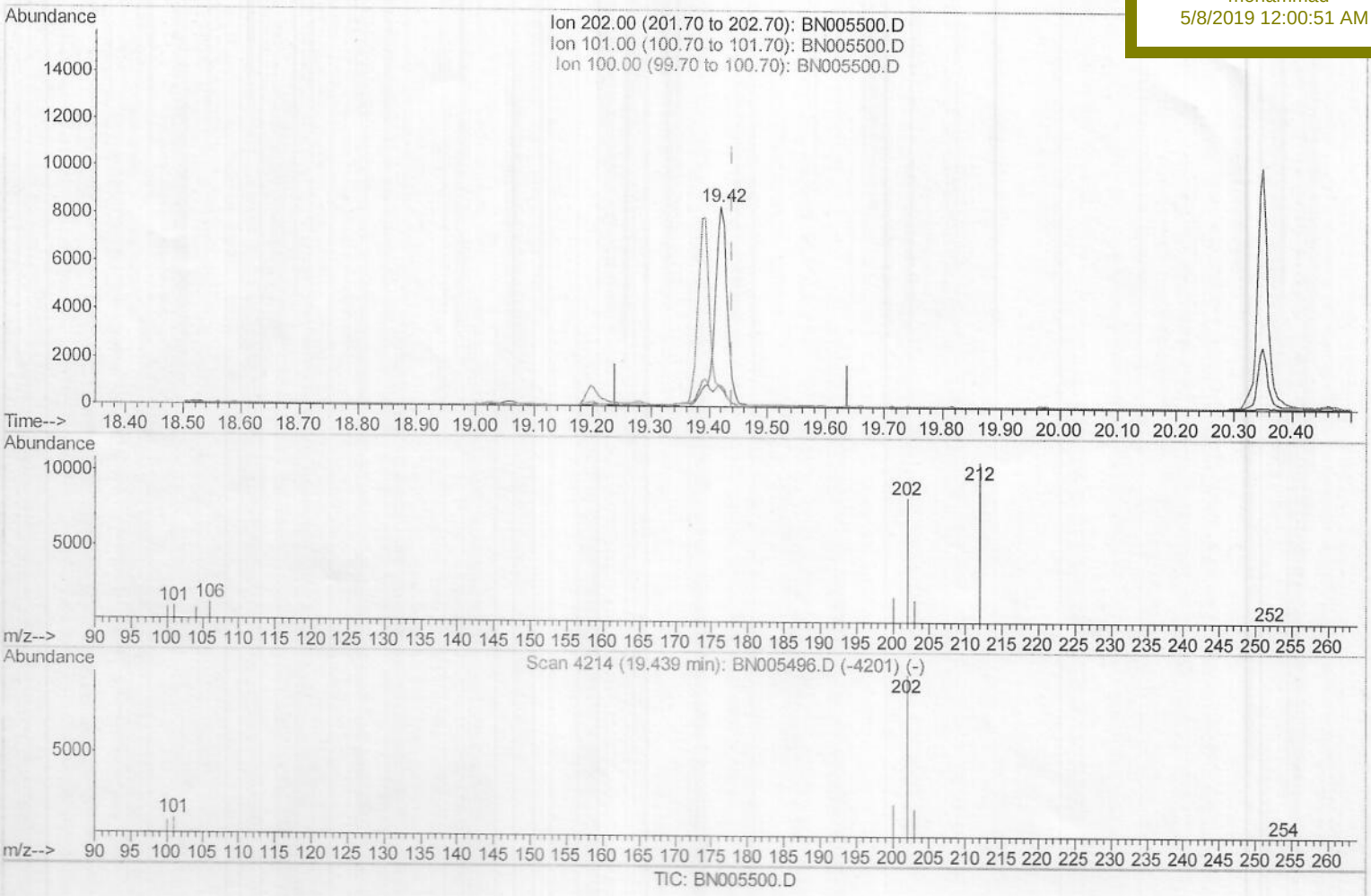
BNA_N
ClientSampleId :
A5135

Manual Integrations APPROVED
mohammad
5/8/2019 12:00:51 AM



TIC: BN005500.D

(17) Pyrene

19.420min (-0.019) 0.32ng/ul

response 12437

Ion	Exp%	Act%
202.00	100	100
101.00	10.60	11.03
100.00	8.60	10.11
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

Quantitation Report (Qedit)

Data File : BN005500.D
Acq On : 06 May 2019 23:56
Operator : JU/SJ
Sample : K2470-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 07 07:38:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
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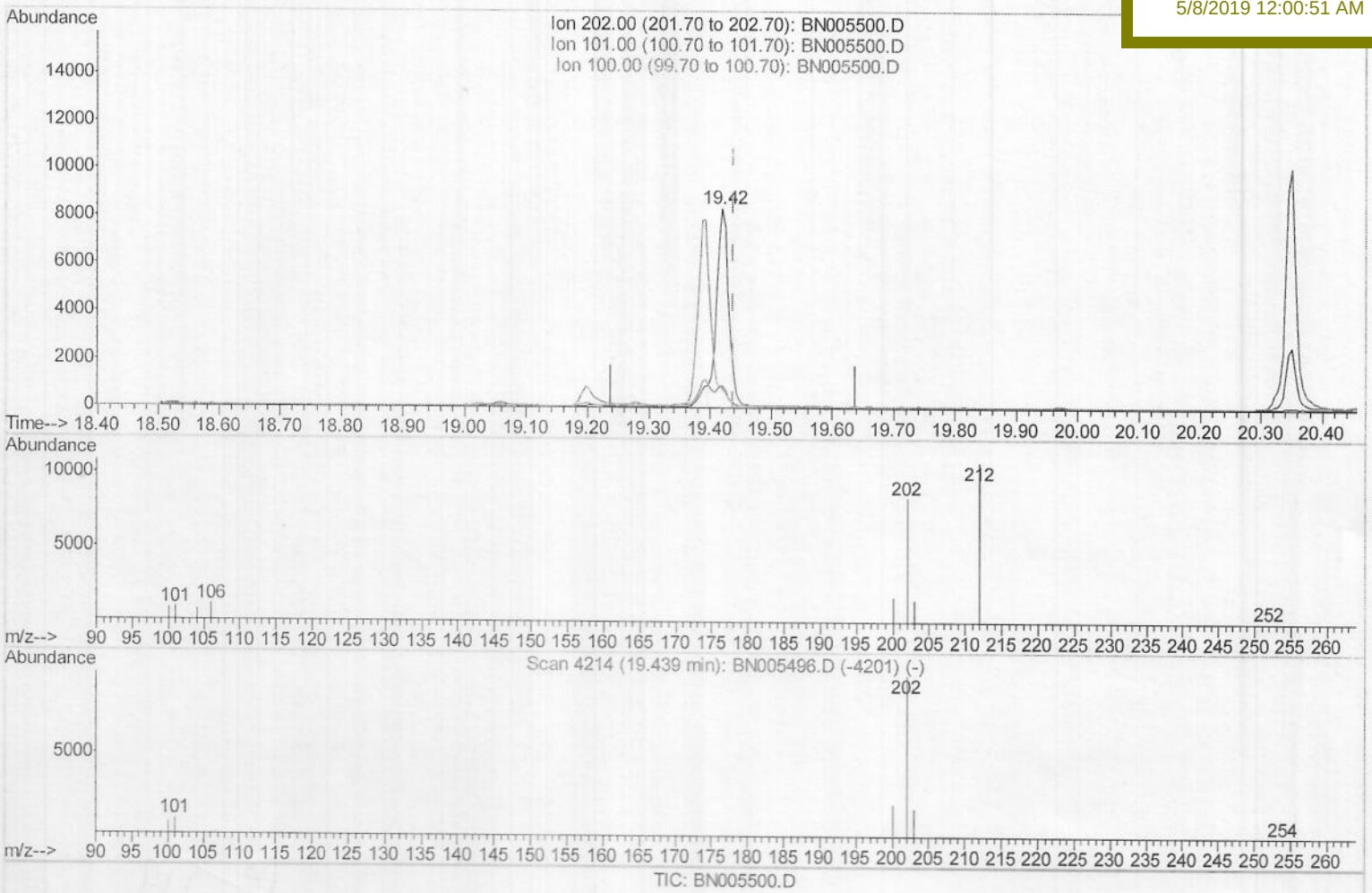
BNA_N
ClientSampleId :
A5135

Manual Integrations APPROVED
mohammad
5/8/2019 12:00:51 AM



(17) Pyrene

19.420min (-0.019) 0.29ng/ul m JV 05/08/19

response 11424

Ion	Exp%	Act%
202.00	100	100
101.00	10.60	11.03
100.00	8.60	10.11
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

Quantitation Report (QT Reviewed)

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Instrument : BNA_N
ClientSampleId : A5135

Manual Integrations APPROVED
mohammad
5/8/2019 12:00:51 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1563	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	6397	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.23	164	4144	0.40	ng/ul	-0.02
10) Phenanthrene-d10	16.98	188	10125m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	10654m	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	9576m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2926	0.29	ng/ul	-0.02
14) Fluoranthene-d10	19.03	212	8681m	0.27	ng/ul	-0.01
Target Compounds						Qvalue
8) Acenaphthene	14.29	153	525	0.036	ng/ul	97
11) Pentachlorophenol	16.66	266	530m	0.202	ng/ul	
17) Pyrene	19.42	202	11424m	0.290	ng/ul	

5/08/19

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