Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

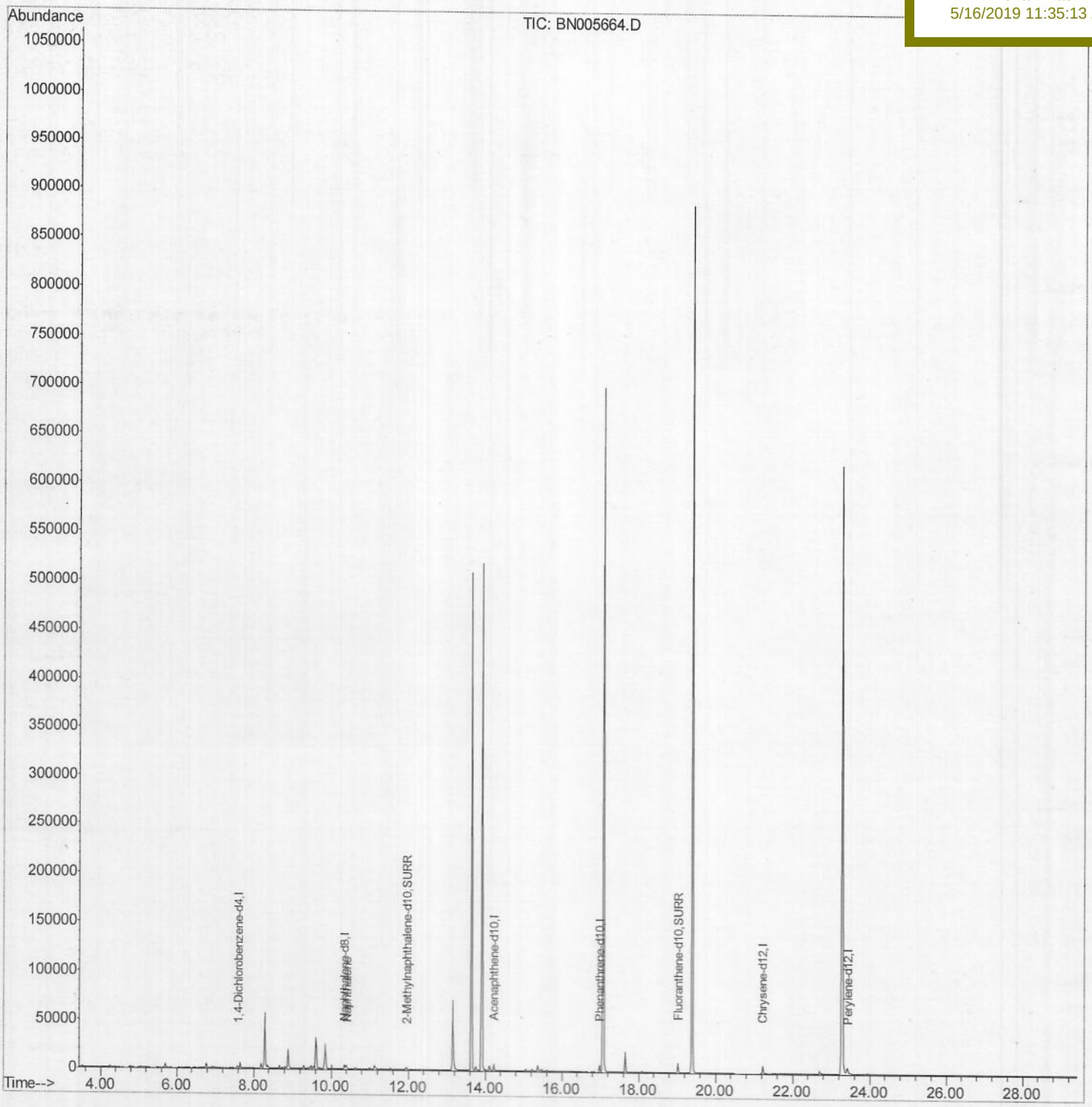
Quantitation Report (QT Reviewed)

Data File : BN005664.D
Acq On : 13 May 2019 21:59
Operator : JU/SJ
Sample : K2690-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 14 07:00:52 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 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5169

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:13 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

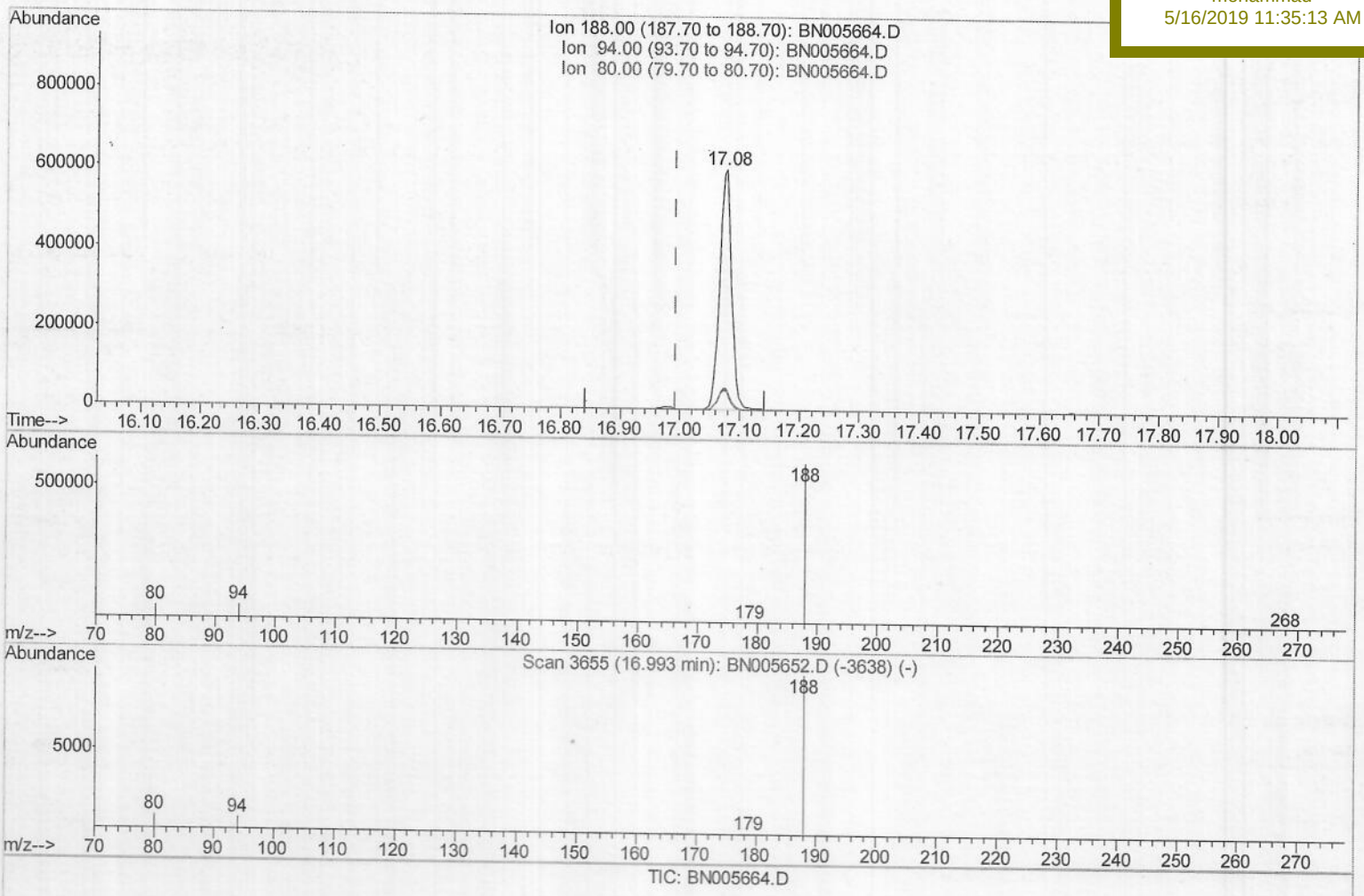
Quantitation Report (Qedit)

Data File : BN005664.D
Acq On : 13 May 2019 21:59
Operator : JU/SJ
Sample : K2690-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 14 05:28:19 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 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5169

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:13 AM



(10) Phenanthrene-d10 (I)

17.078min (+0.084) 0.40ng/ul

response 853226

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.43
80.00	9.80	7.63#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

Quantitation Report (Qedit)

Data File : BN005664.D
Acq On : 13 May 2019 21:59
Operator : JU/SJ
Sample : K2690-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 14 05:28:19 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 05:24:26 2019
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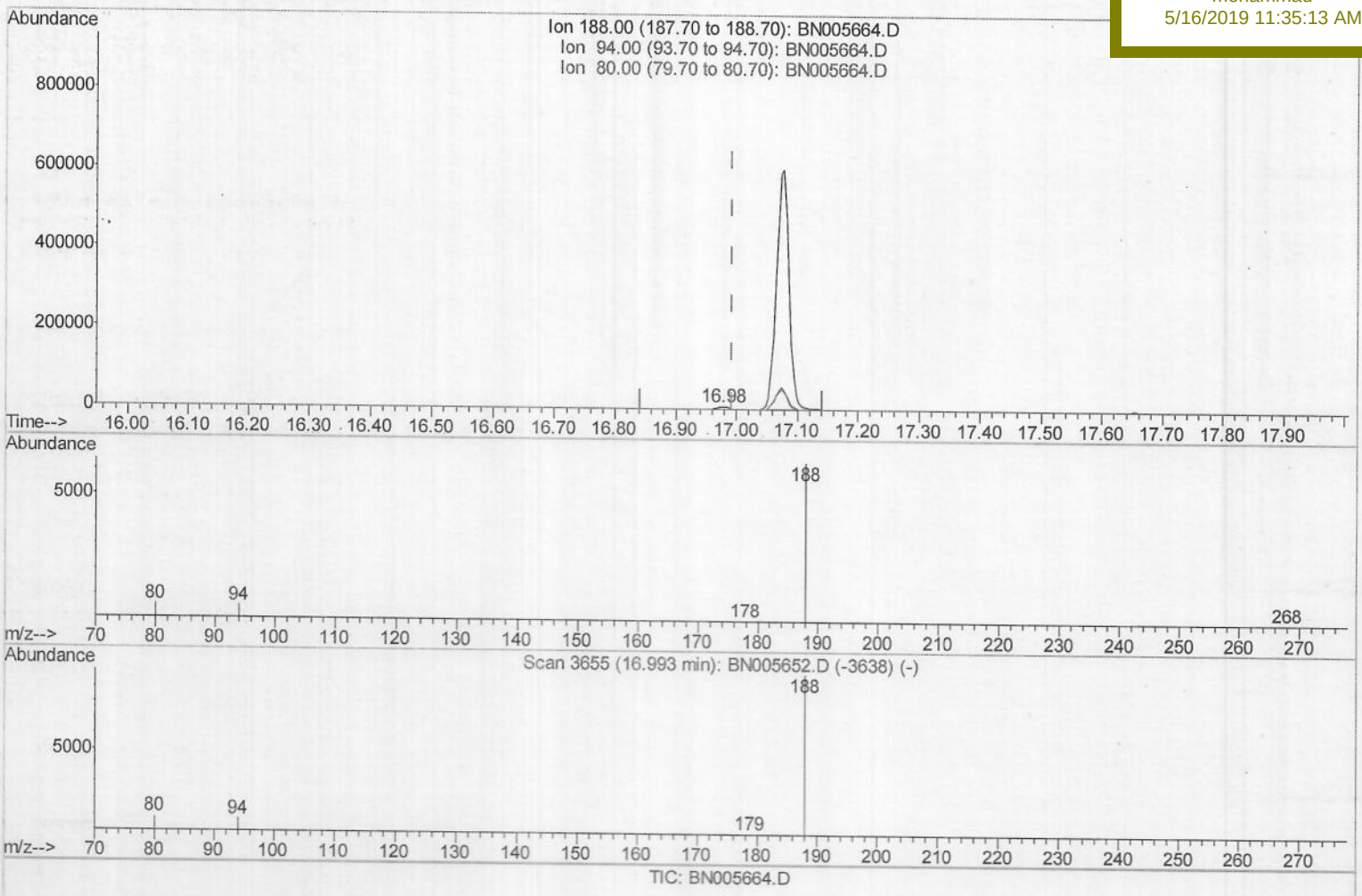
Instrument :
BNA_N
ClientSampleId :
A5169

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:13 AM



(10) Phenanthrene-d10 (I)

16.976min (-0.017) 0.40ng/ul m) JU 05/22/19

response 9076

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.74
80.00	9.80	9.32
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

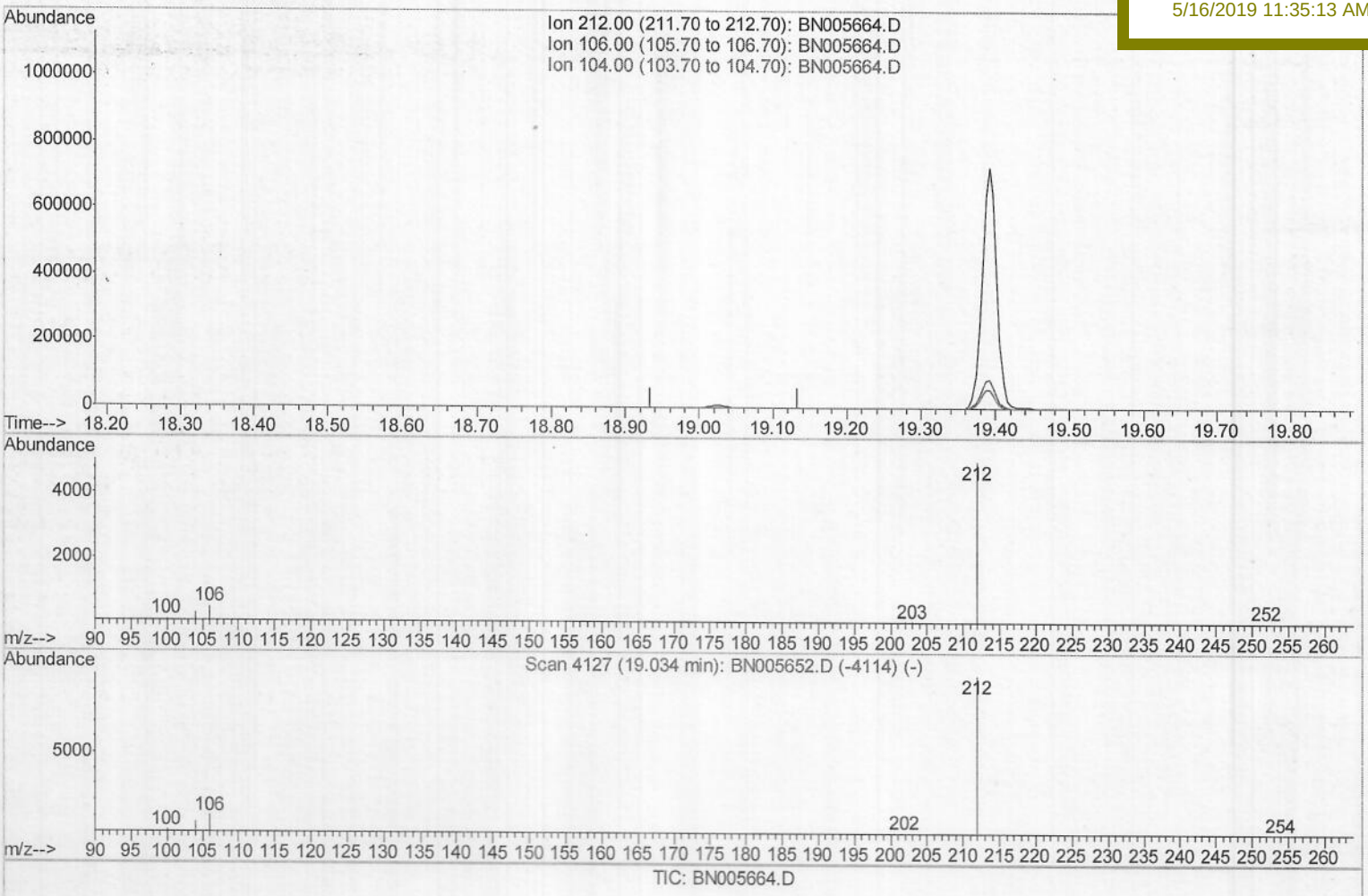
Quantitation Report (Qedit)

Data File : BN005664.D
Acq On : 13 May 2019 21:59
Operator : JU/SJ
Sample : K2690-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 14 06:58:31 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 : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5169

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:13 AM



TIC: BN005664.D

(14) Fluoranthene-d10 (SURR)

19.034min (-19.034) 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\BN051319\

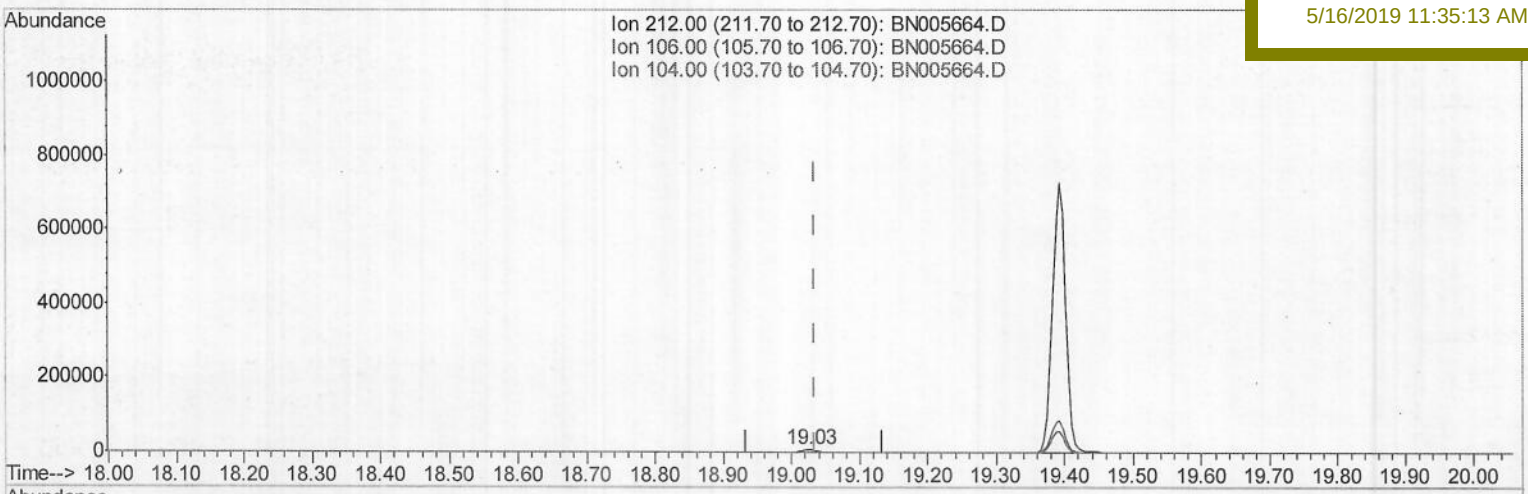
Quantitation Report (Qedit)

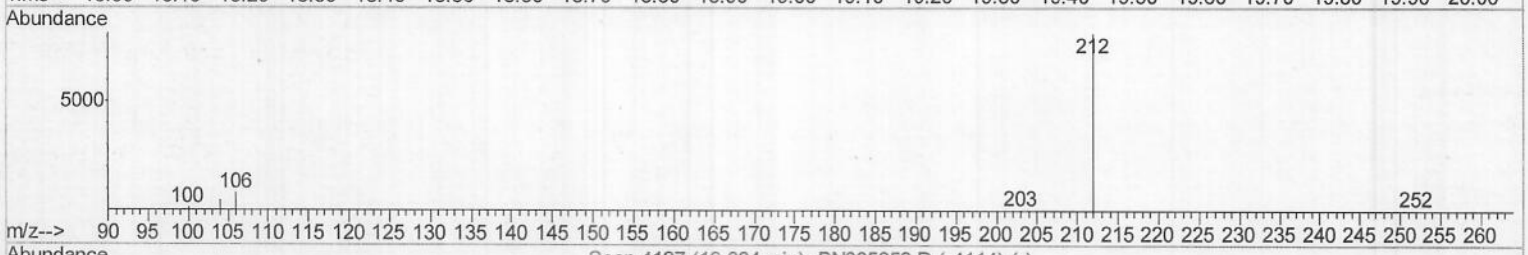
Data File : BN005664.D
Acq On : 13 May 2019 21:59
Operator : JU/SJ
Sample : K2690-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

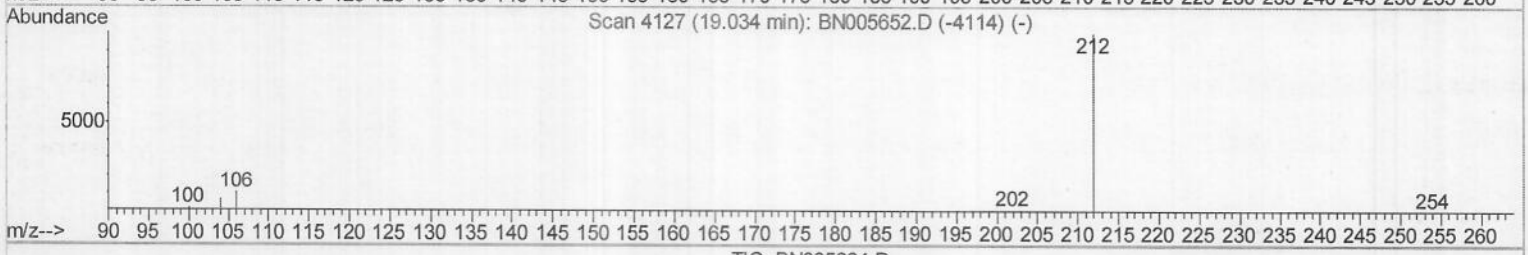
Quant Time: May 14 06:58:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5169

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:13 AM







TIC: BN005664.D

(14) Fluoranthene-d10 (SURR)

19.025min (-0.009) 0.39ng/ul m) JU 05/22/19

response 11236

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\BN051319\

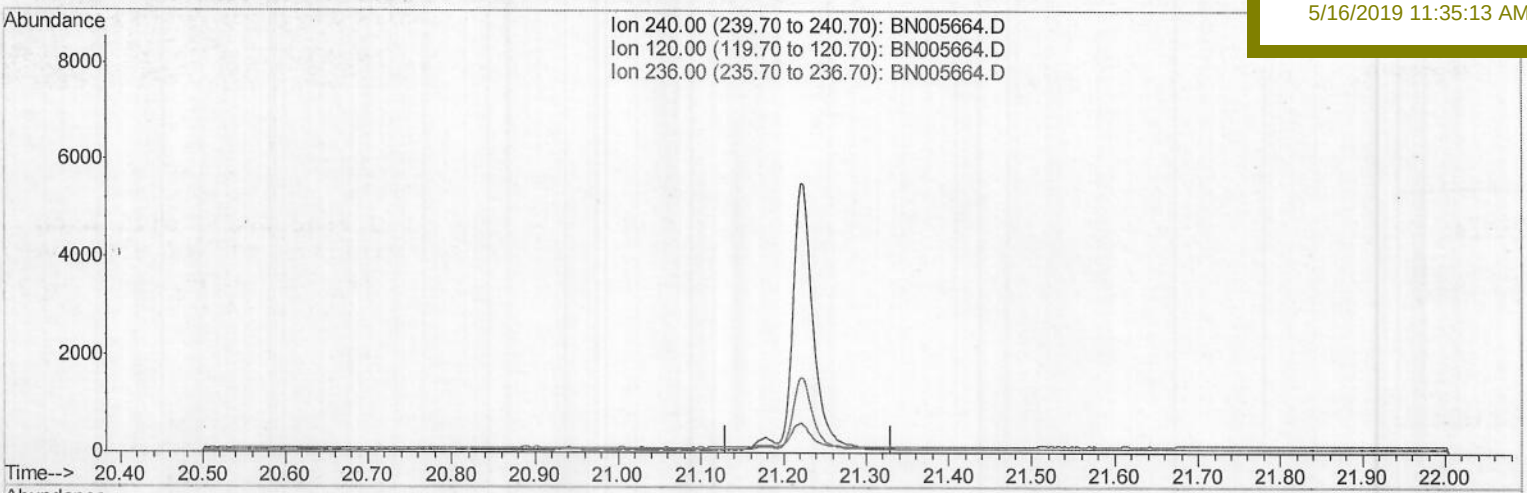
Quantitation Report (Qedit)

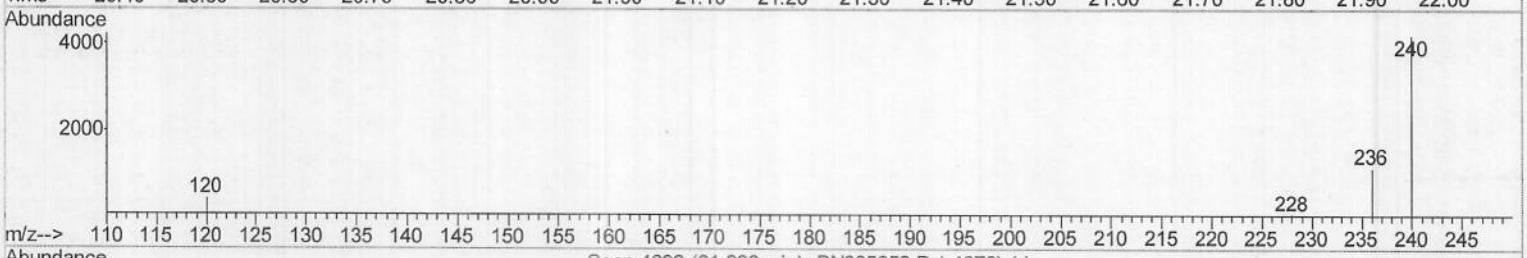
Data File : BN005664.D
Acq On : 13 May 2019 21:59
Operator : JU/SJ
Sample : K2690-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

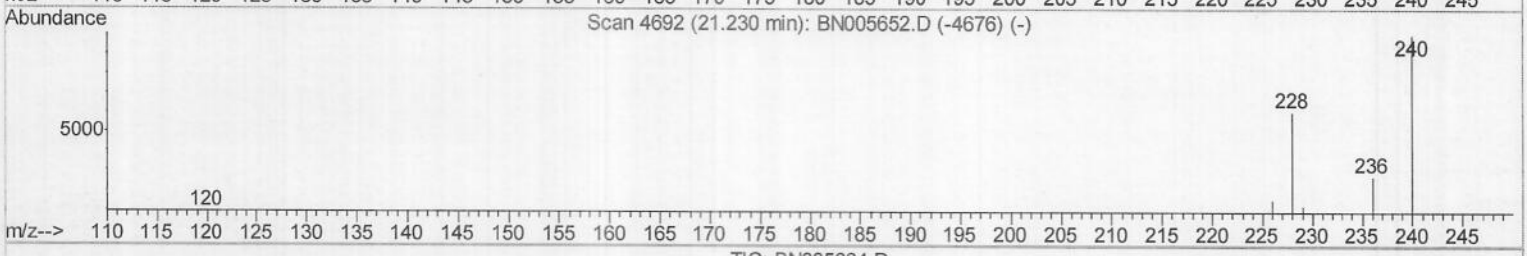
Quant Time: May 14 06:58:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5169

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:13 AM







TIC: BN005664.D

(16) Chrysene-d12 (I)

21.230min (-21.230) 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\BN051319\

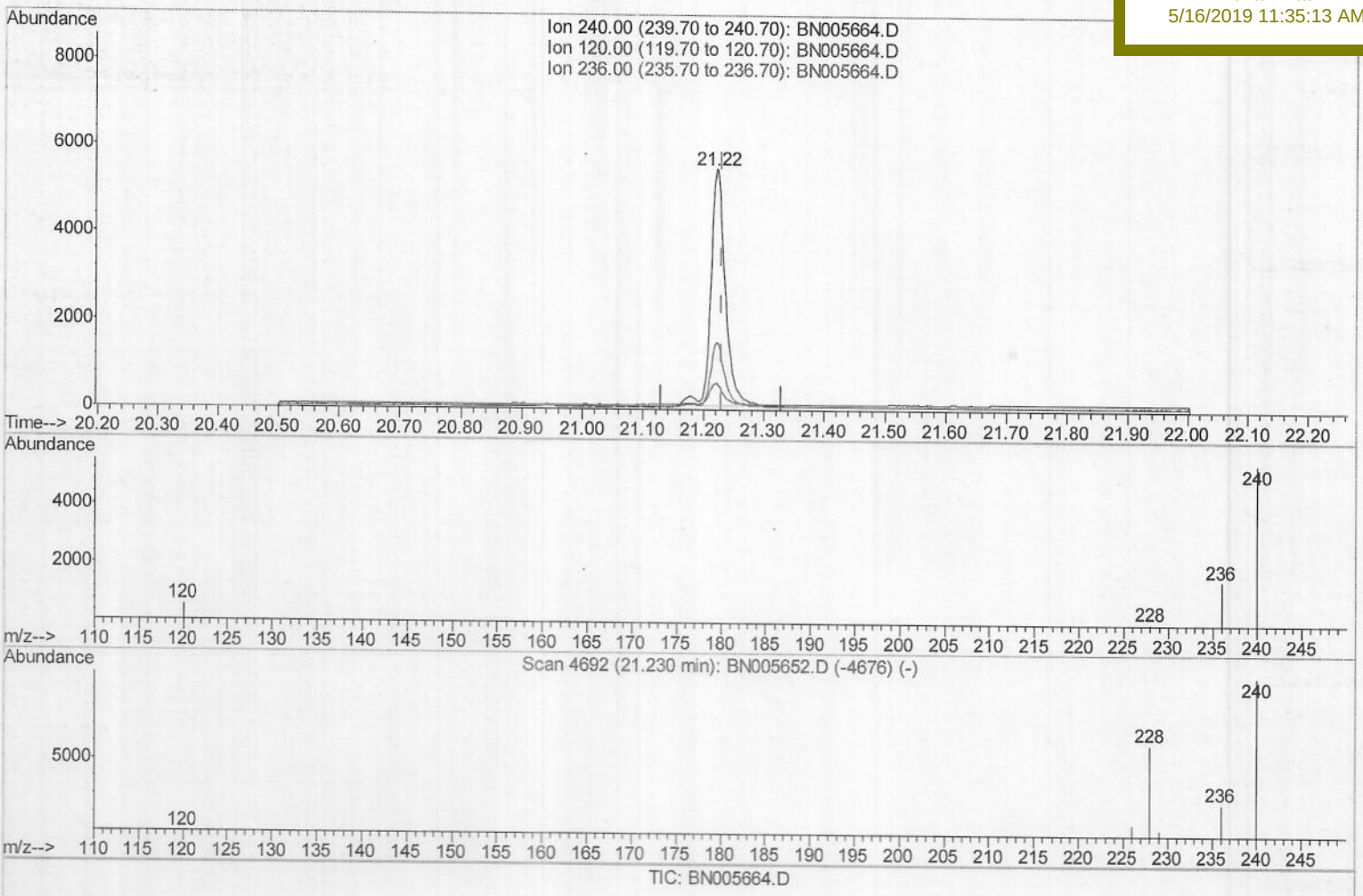
Quantitation Report (Qedit)

Data File : BN005664.D
Acq On : 13 May 2019 21:59
Operator : JU/SJ
Sample : K2690-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 14 06:58:31 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 : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5169

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:13 AM



(16) Chrysene-d12 (I)

21.221min (-0.009) 0.40ng/ul m SJU 05/22/19

response 8708

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	11.25
236.00	28.00	28.30
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

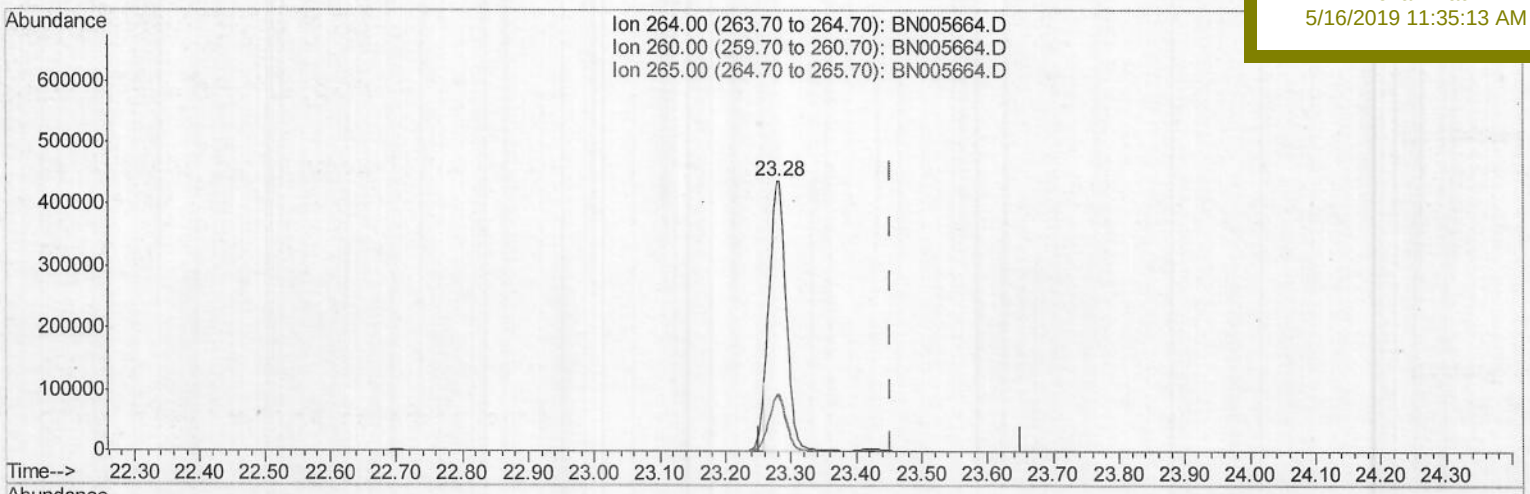
Quantitation Report (Qedit)

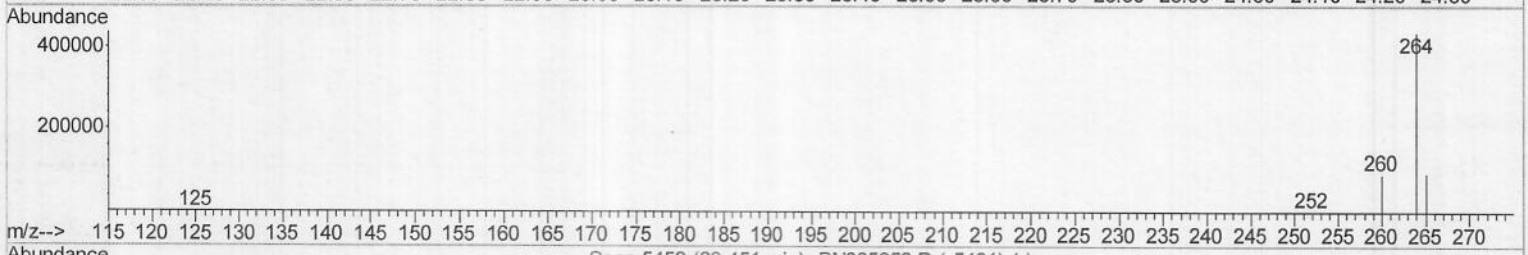
Data File : BN005664.D
Acq On : 13 May 2019 21:59
Operator : JU/SJ
Sample : K2690-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

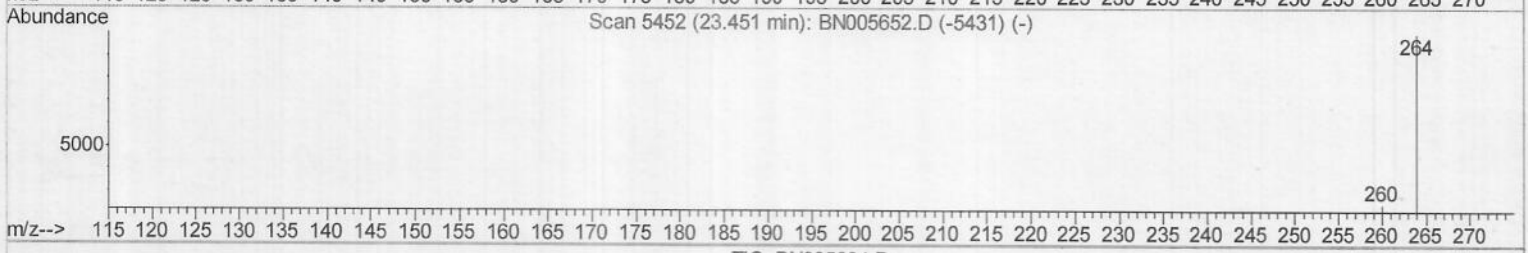
Quant Time: May 14 06:59:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5169

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:13 AM







TIC: BN005664.D

(20) Perylene-d12 (I)

23.279min (-0.172) 0.40ng/ul

response 772050

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.82
265.00	31.70	21.36#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

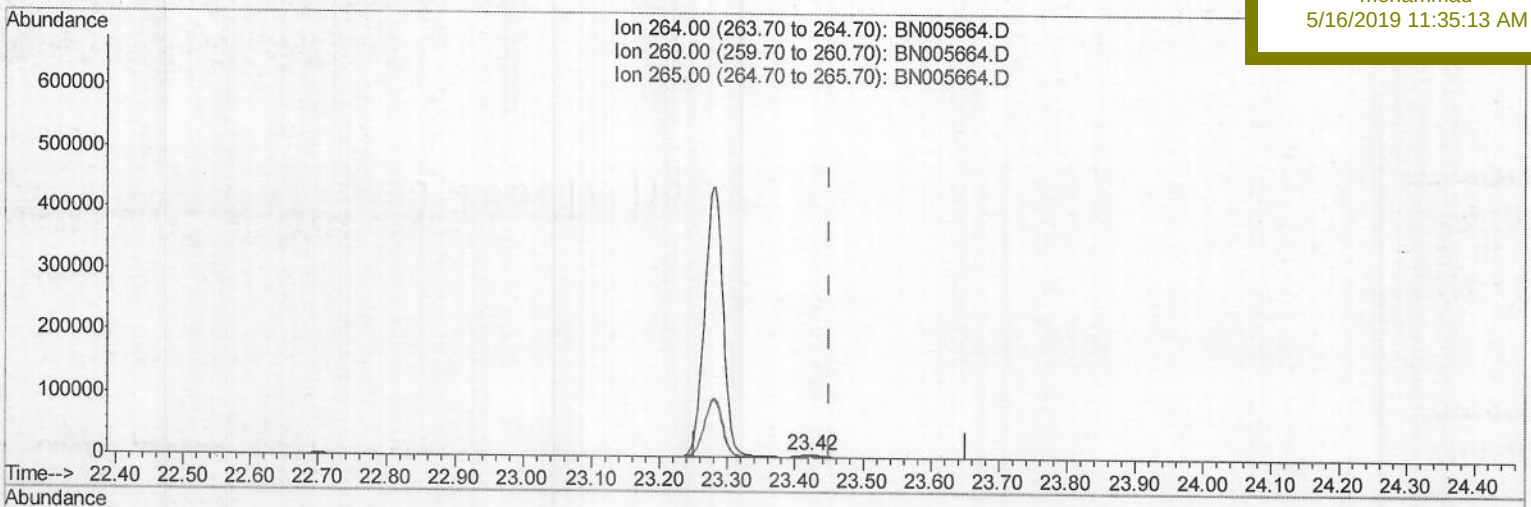
Quantitation Report (Qedit)

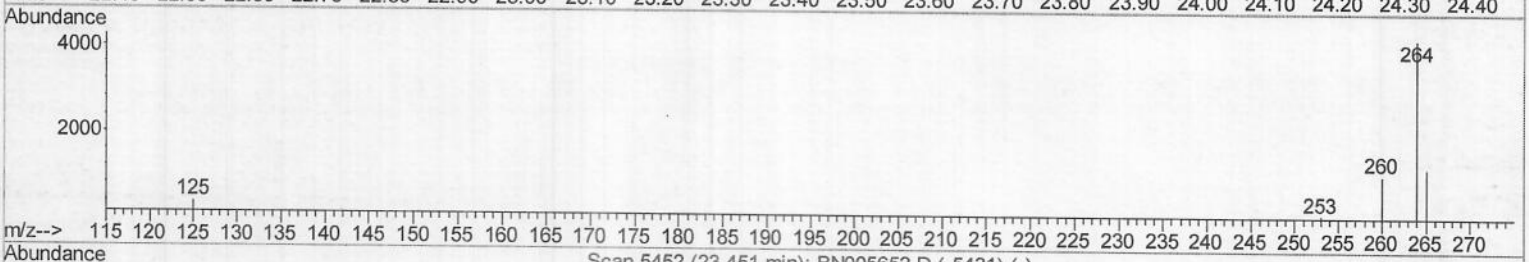
Data File : BN005664.D
Acq On : 13 May 2019 21:59
Operator : JU/SJ
Sample : K2690-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

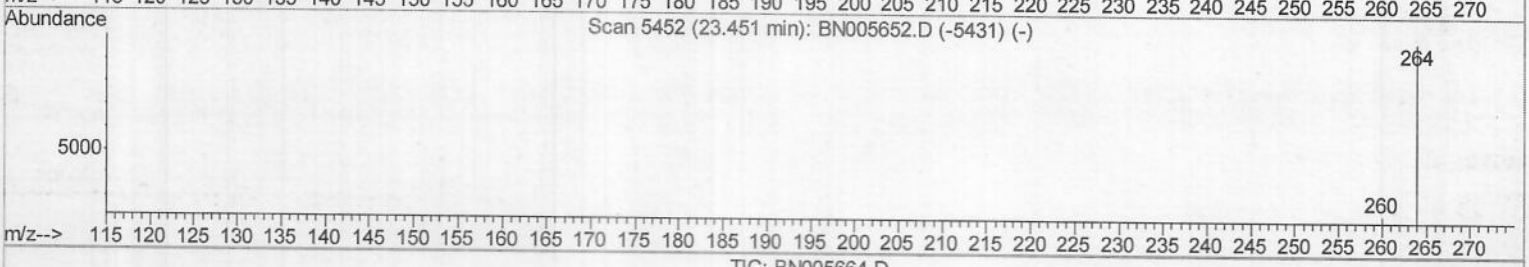
Quant Time: May 14 06:59:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5169

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:13 AM







(20) Perylene-d12 (I)

23.422min (-0.029) 0.40ng/ul m) JU 05/22/19

response 6894

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	25.75
265.00	31.70	29.58
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

Quantitation Report (QT Reviewed)

Data File : BN005664.D
Acq On : 13 May 2019 21:59
Operator : JU/SJ
Sample : K2690-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 14 07:00:52 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1315	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	5433	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	3842	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	9076m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	8708m	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	6894m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3629	0.43	ng/ul	-0.02
14) Fluoranthene-d10	19.03	212	11236m	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	2057	0.143	ng/ul	# 94

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

Instrument :
BNA_N
ClientSampleId :
A5169

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:13 AM

JU 05/22/19