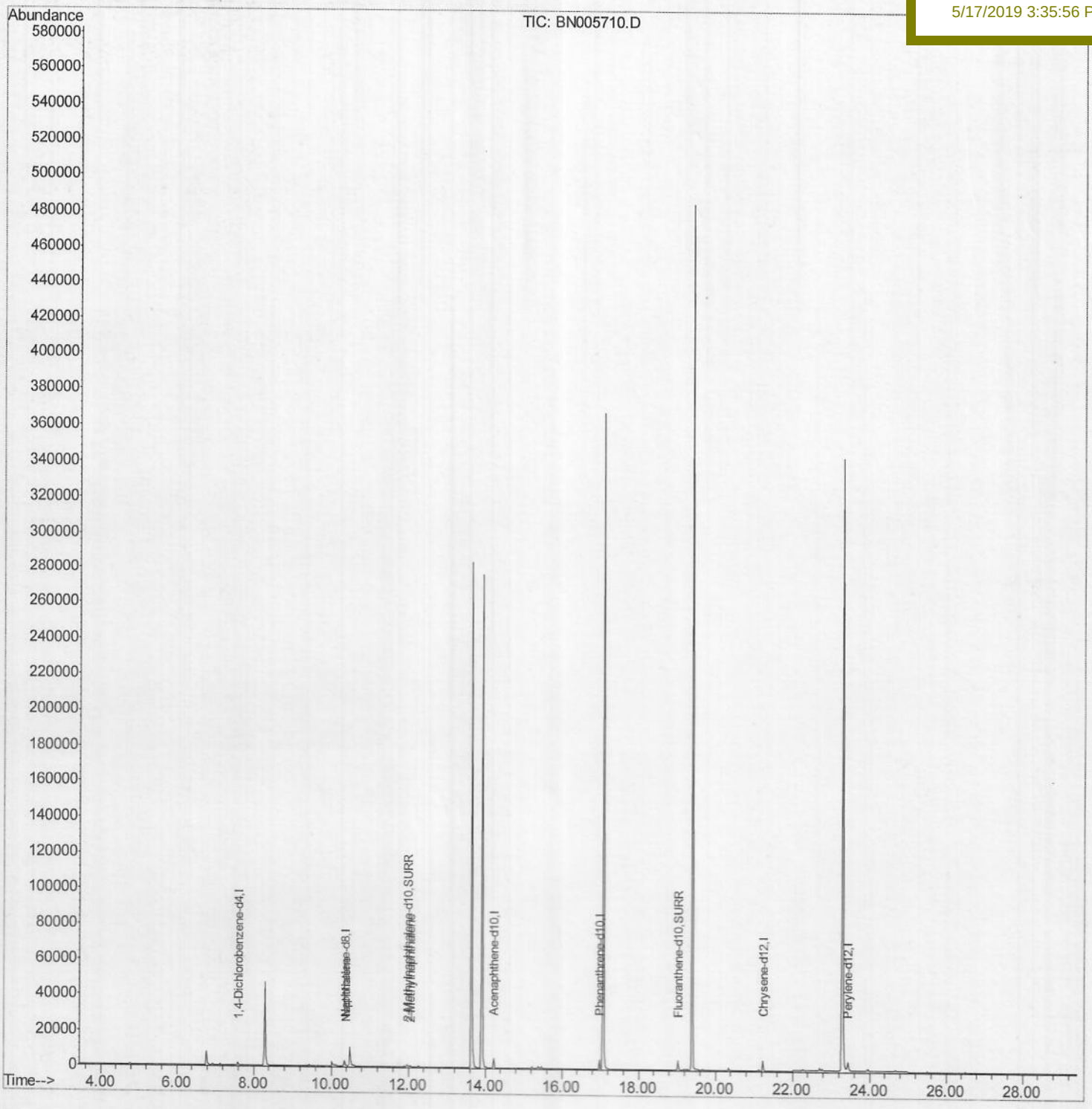
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
Data File : BN005710.D
Acq On : 16 May 2019 19:08
Operator : JU/SJ
Sample : K2788-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 04:44:13 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 :
A5190

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:56 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
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Operator : JU/SJ
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ClientSampleId :
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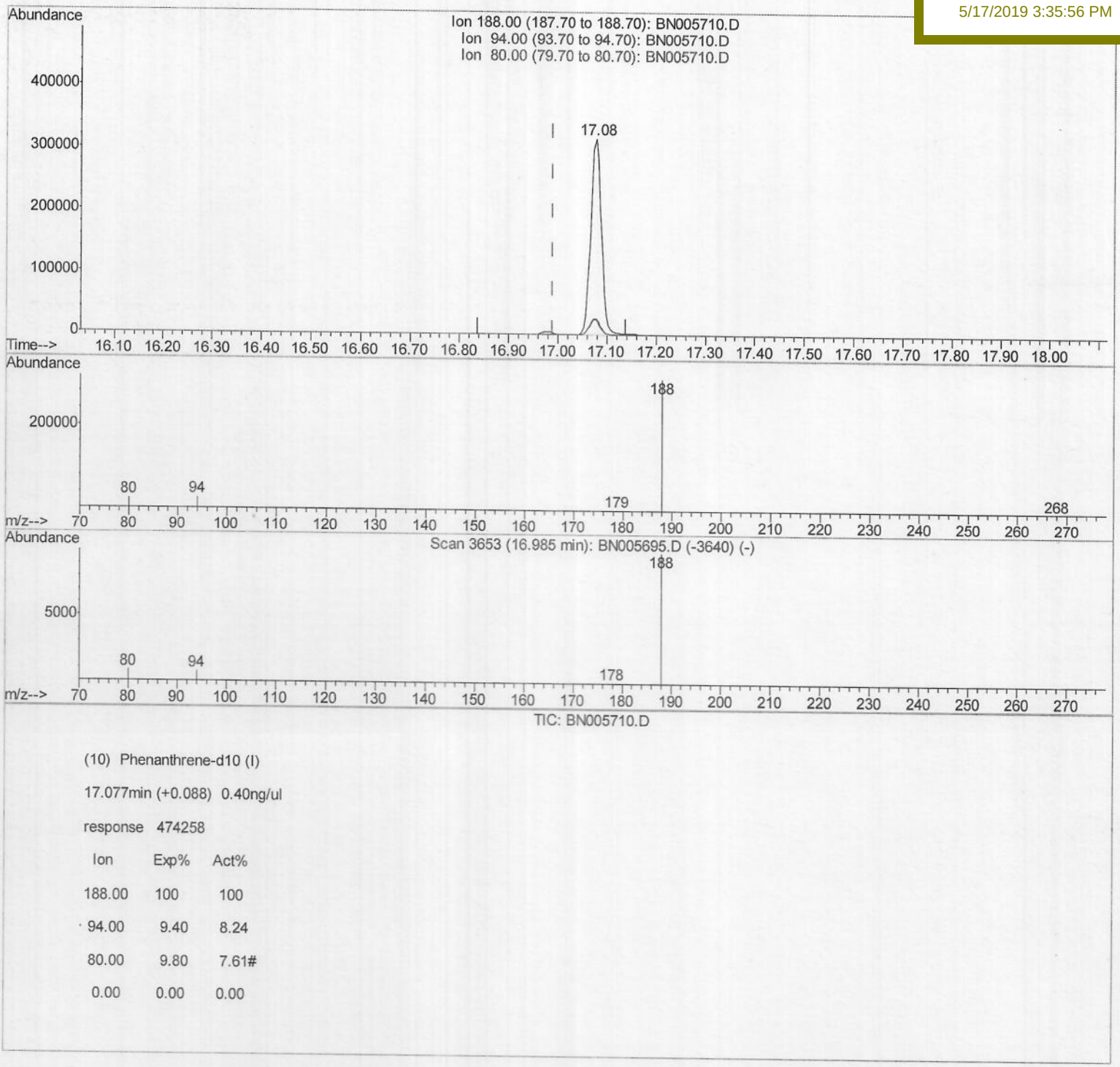
Manual Integrations APPROVED
mohammad
5/17/2019 3:35:56 PM



TIC: BN005710.D

(10) Phenanthrene-d10 (I)

17.077min (+0.088) 0.40ng/ul

response 474258

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.24
80.00	9.80	7.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

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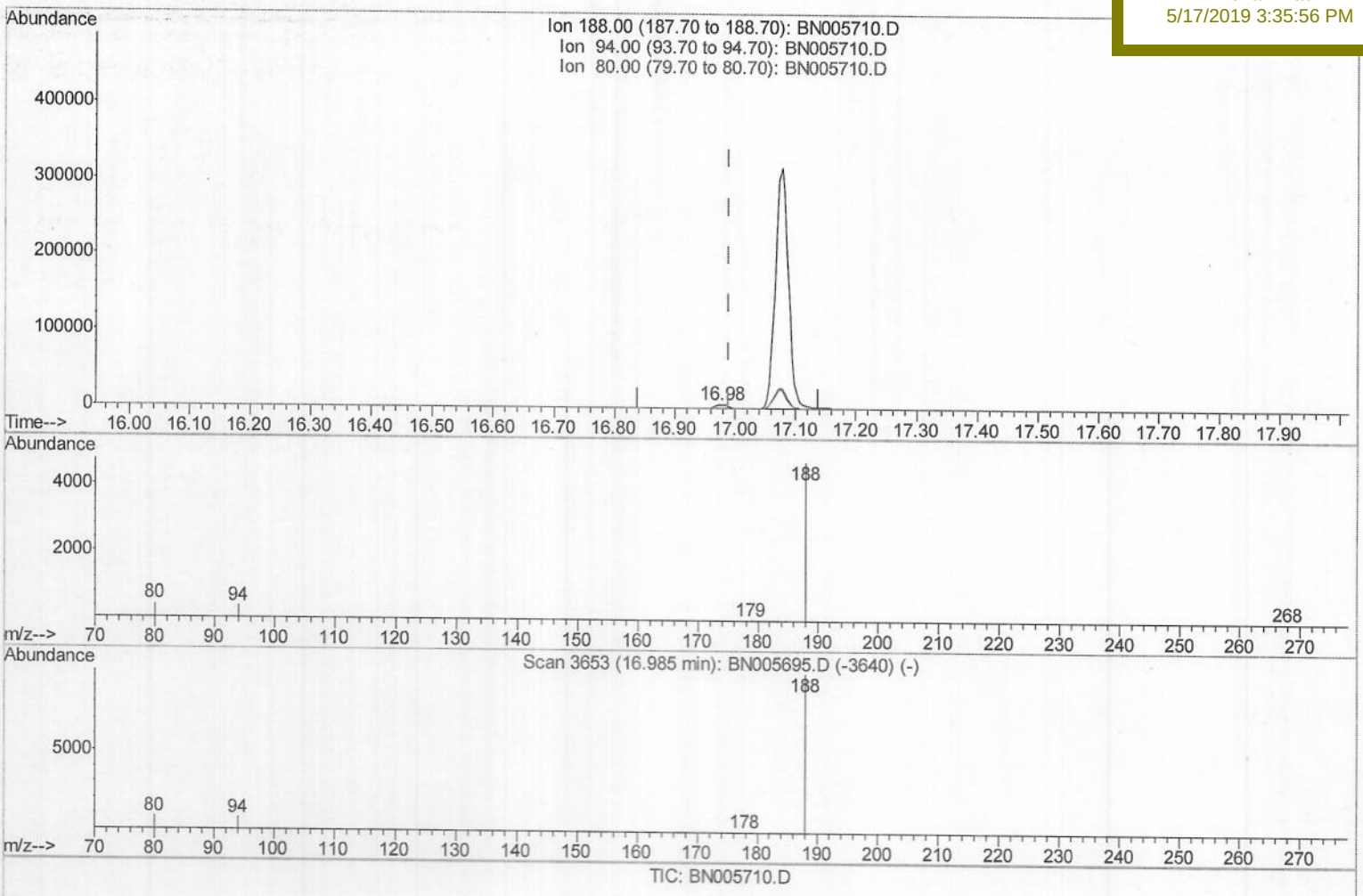
BNA_N
ClientSampleId :
A5190

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:56 PM



(10) Phenanthrene-d10 (I)

16.976min (-0.013) 0.40ng/ul m) JU 05/31/19

response 6619

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.15
80.00	9.80	9.21
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 19:08
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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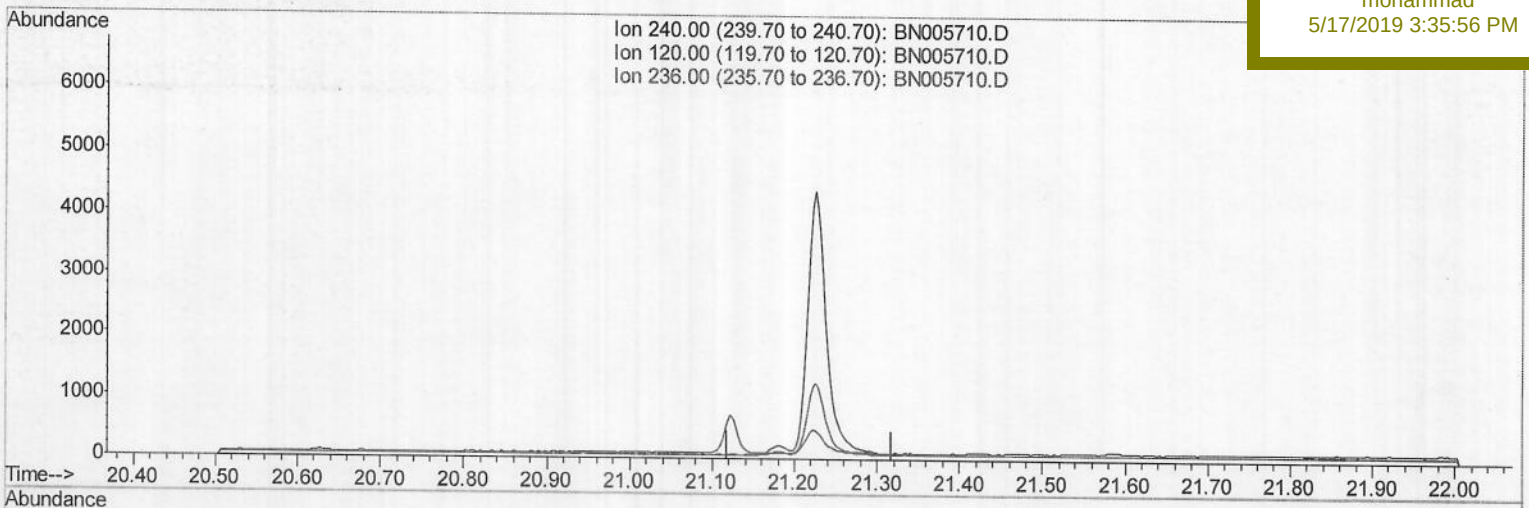

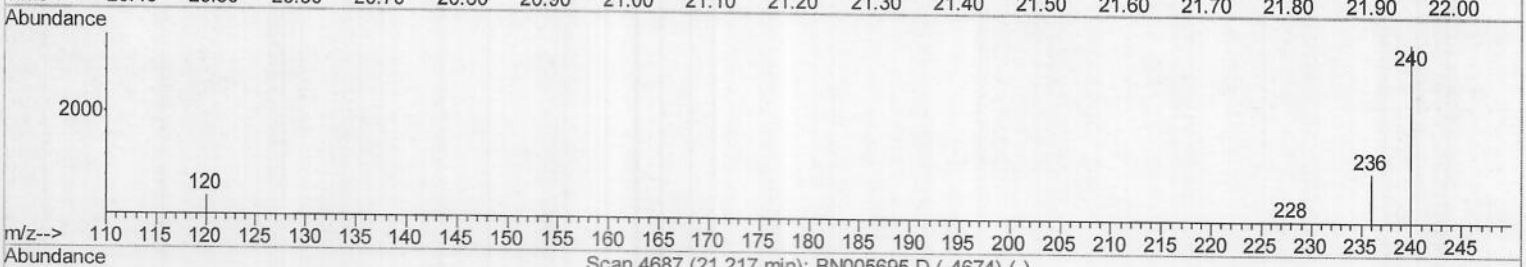

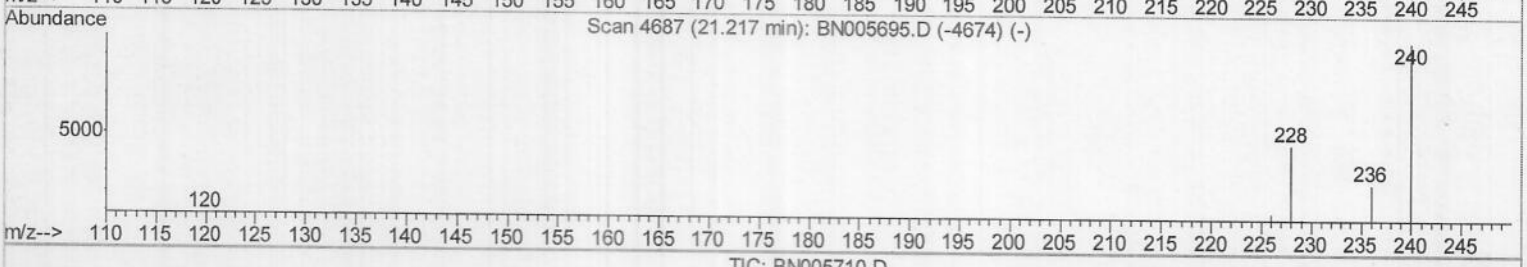

TIC: BN005710.D

(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\BN051619\
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Acq On : 16 May 2019 19:08
Operator : JU/SJ
Sample : K2788-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 04:39:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
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BNA_N
ClientSampleId :
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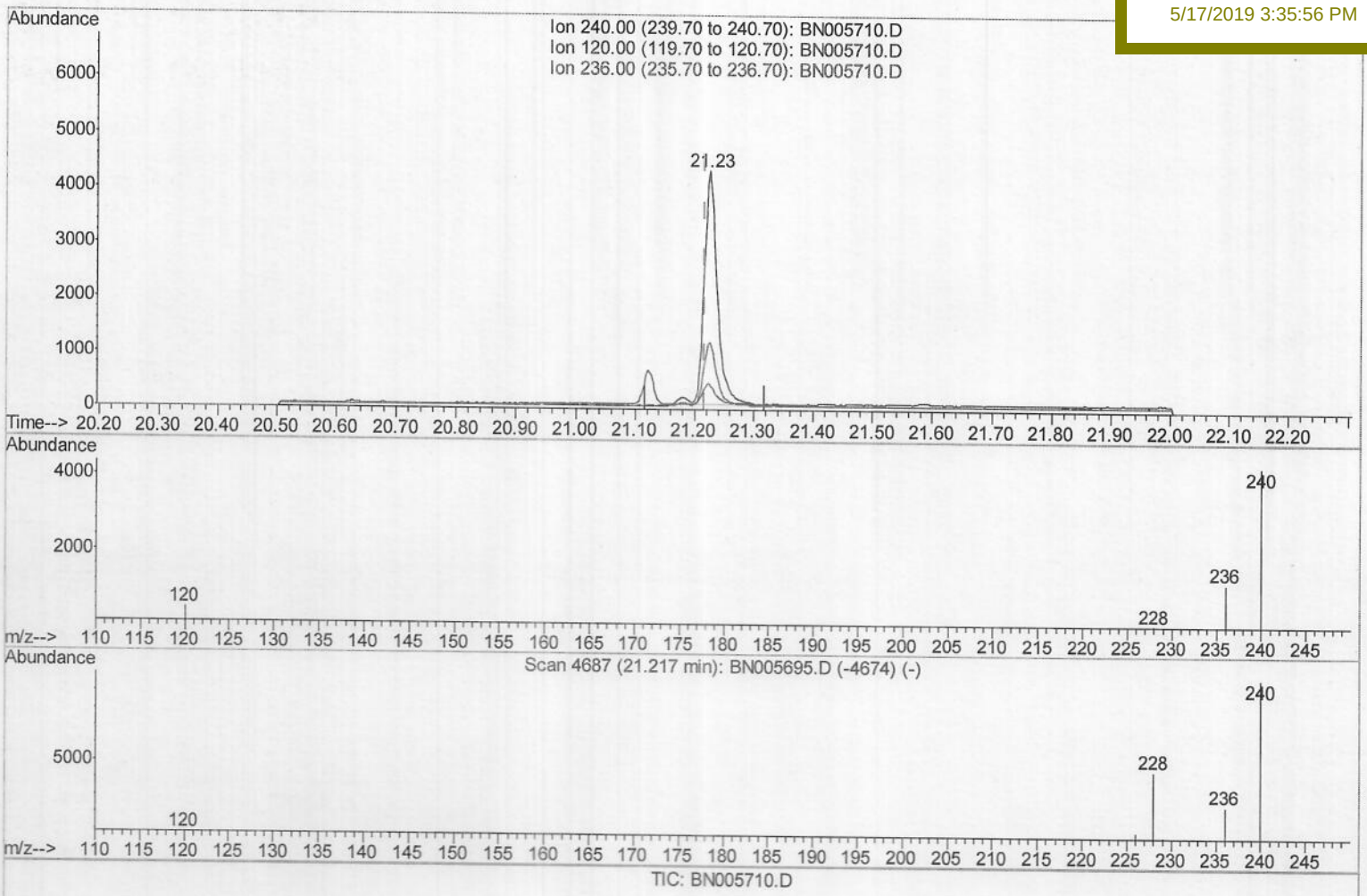
Manual Integrations APPROVED
mohammad
5/17/2019 3:35:56 PM



(16) Chrysene-d12 (I)

21.226min (+0.007) 0.40ng/ul m JU 05/31/19

response 6518

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	10.58
236.00	28.00	28.29
0.00	0.00	0.00

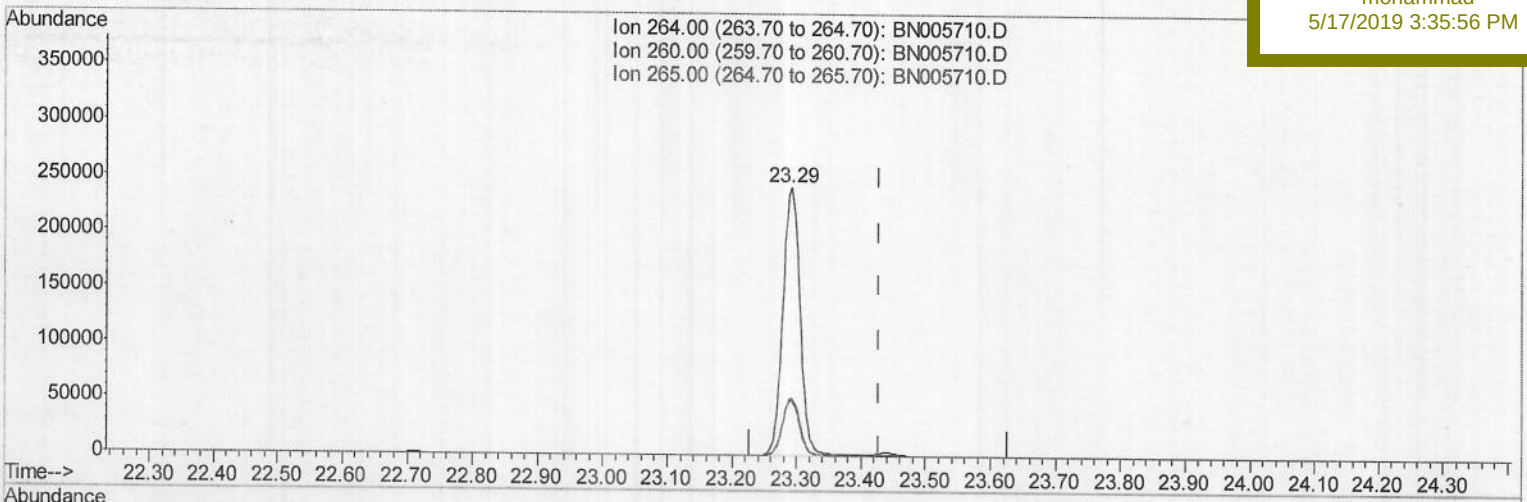
Quantitation Report (Qedit)

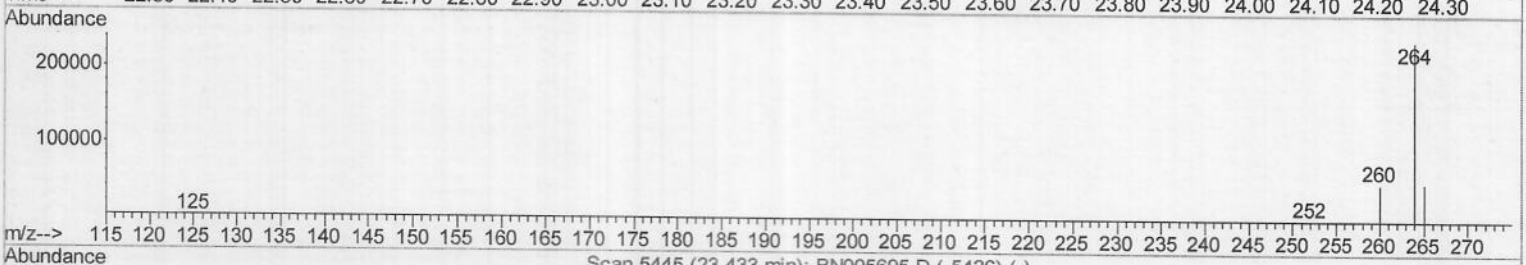
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
Data File : BN005710.D
Acq On : 16 May 2019 19:08
Operator : JU/SJ
Sample : K2788-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

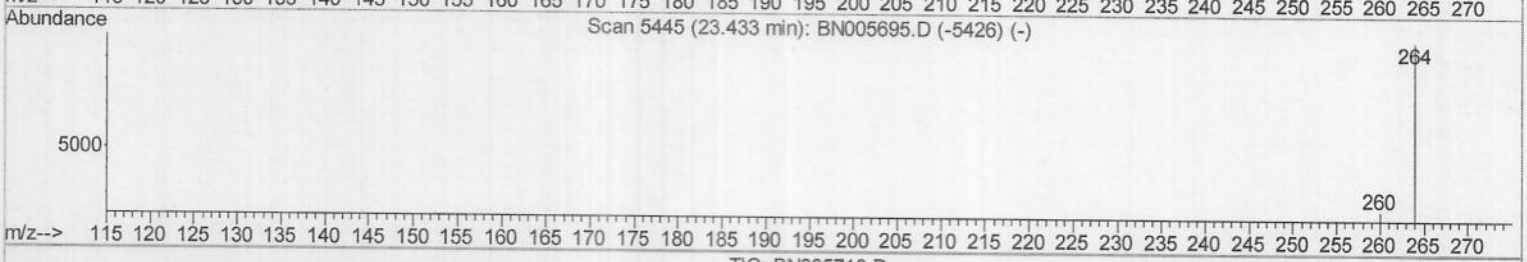
Quant Time: May 17 04:39:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5190

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:56 PM







TIC: BN005710.D

(20) Perylene-d12 (I)

23.292min (-0.136) 0.40ng/ul

response 447027

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.74
265.00	31.70	21.42#
0.00	0.00	0.00

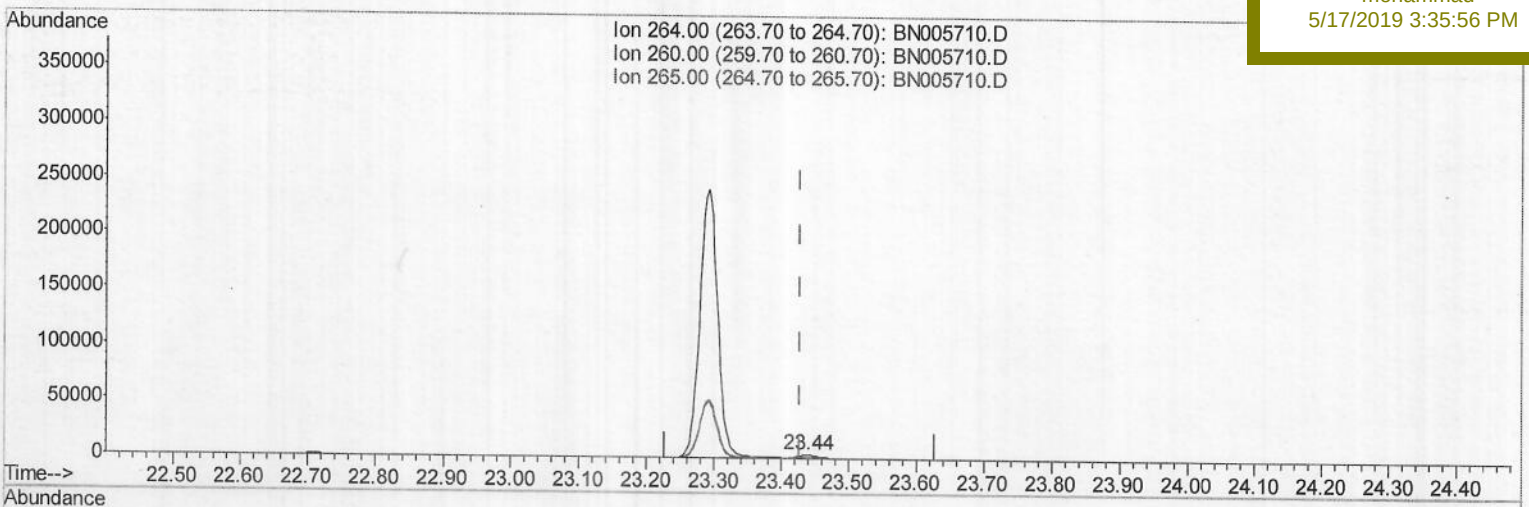
Quantitation Report (Qedit)

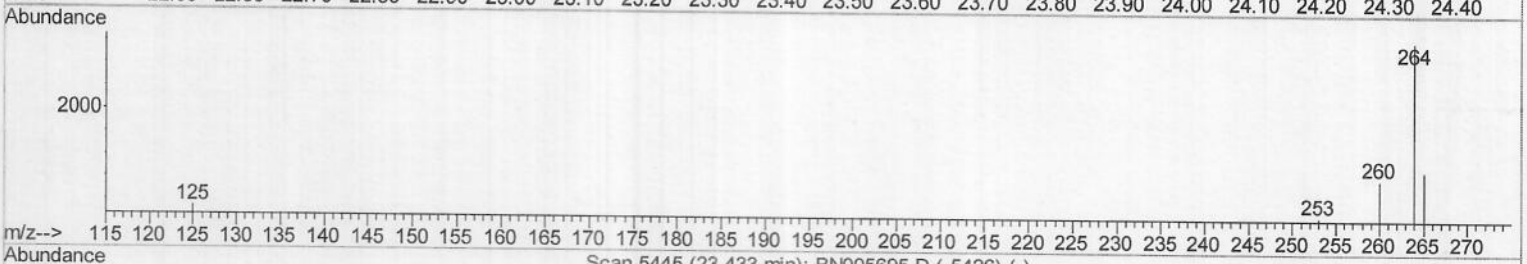
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
Data File : BN005710.D
Acq On : 16 May 2019 19:08
Operator : JU/SJ
Sample : K2788-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

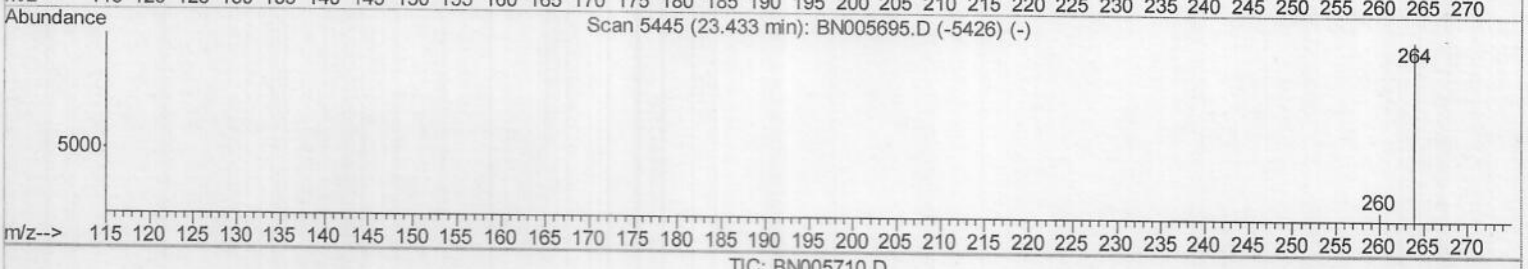
Quant Time: May 17 04:39:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5190

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:56 PM







(20) Perylene-d12 (I)

23.438min (+0.010) 0.40ng/ul m JJV05/31/19

response 5187

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	25.80
265.00	31.70	30.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
Data File : BN005710.D
Acq On : 16 May 2019 19:08
Operator : JU/SJ
Sample : K2788-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 04:43:29 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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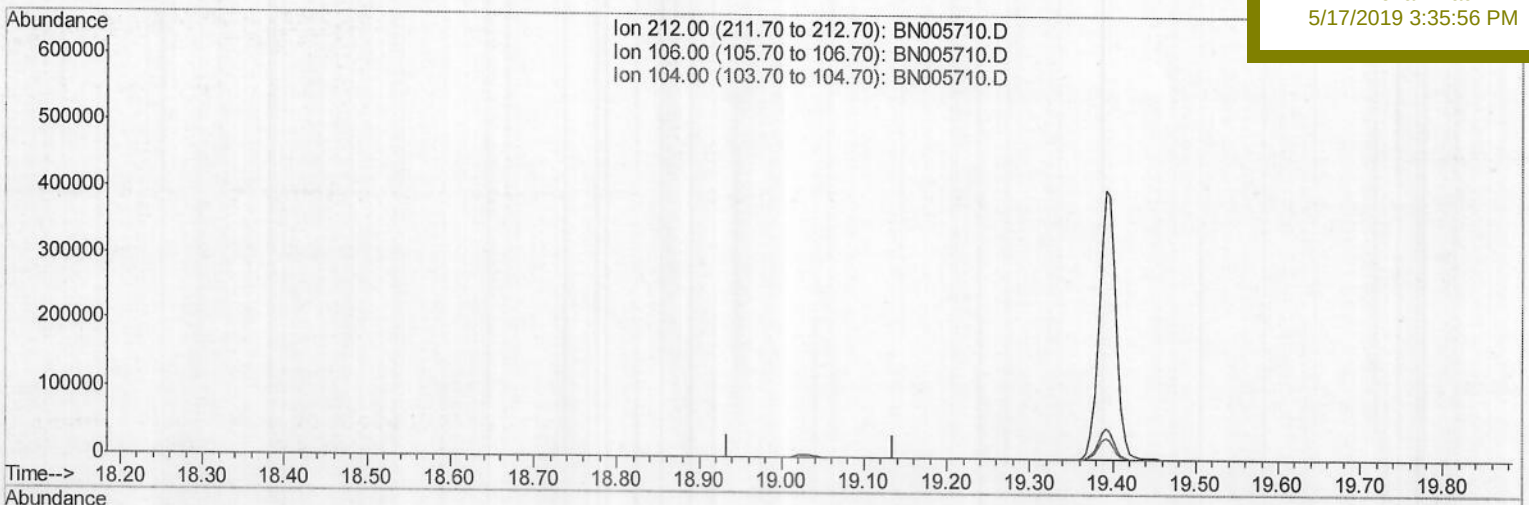
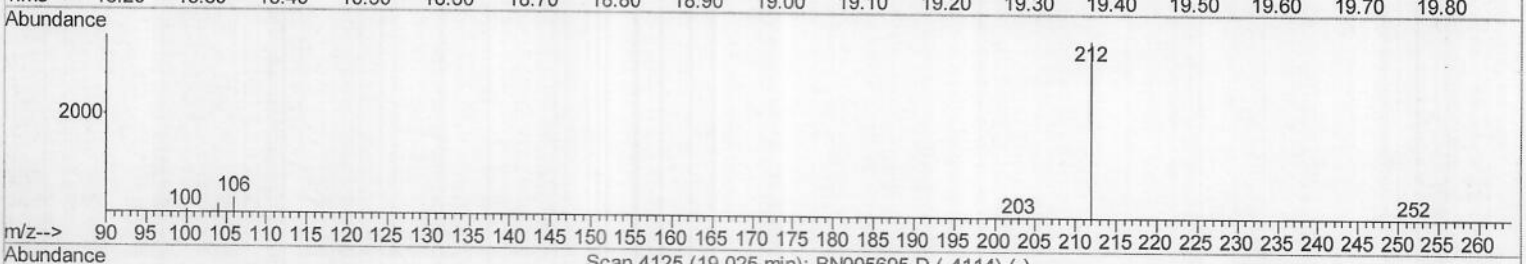
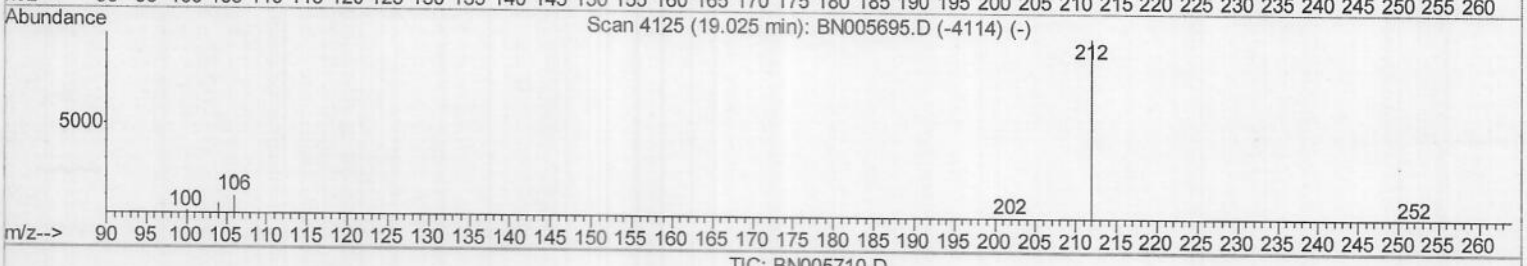
Instrument :
BNA_N
ClientSampleId :
A5190

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:56 PM







TIC: BN005710.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)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
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Sample : K2788-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 04:43:29 2019
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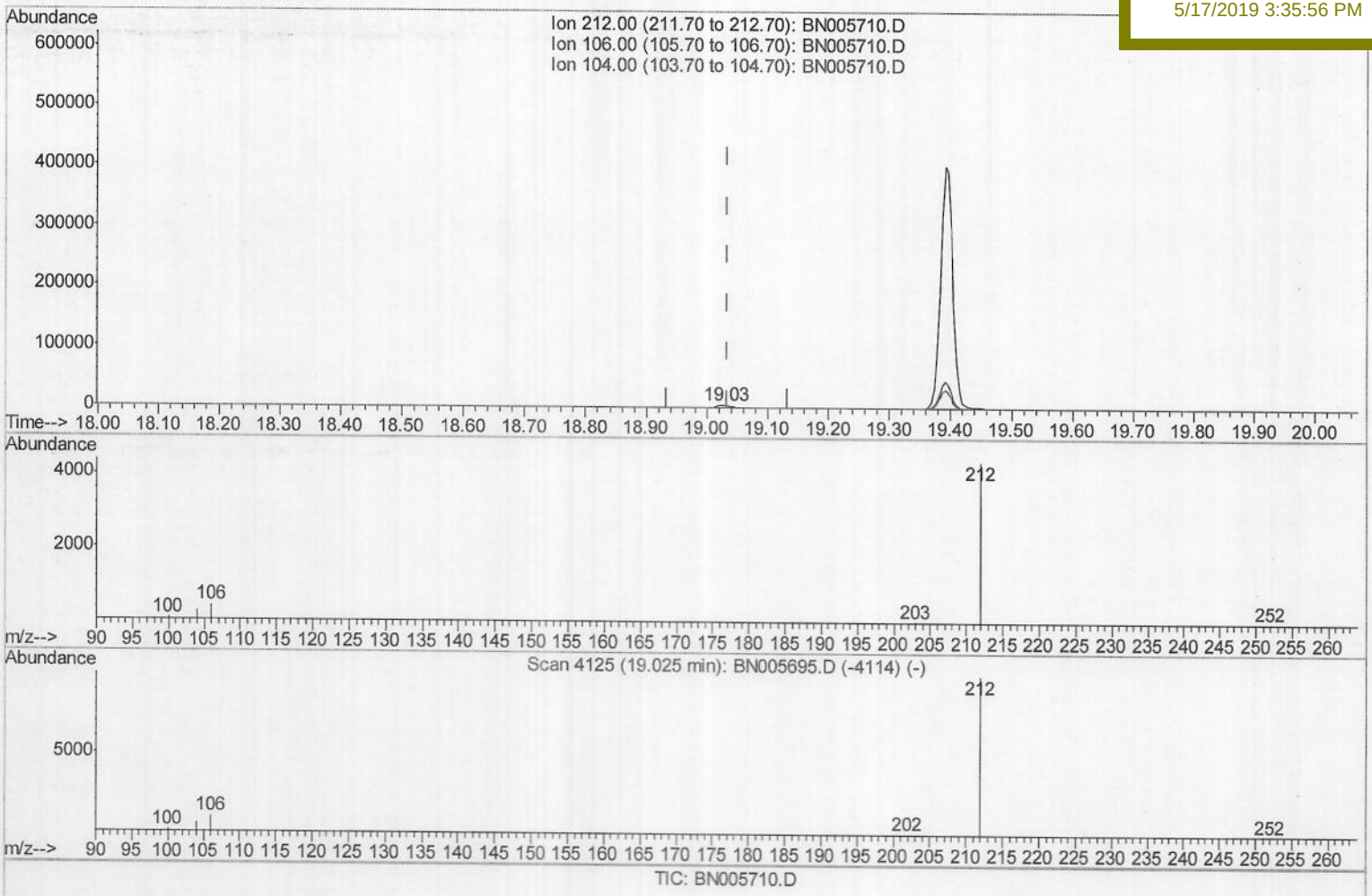
Instrument :
BNA_N
ClientSampleId :
A5190

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:56 PM



TIC: BN005710.D

(14) Fluoranthene-d10 (SURR)

19.029min (-0.005) 0.31ng/ul m JJV05/31/19

response 6416

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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	981	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	4255	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	2790	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	6619m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	6518m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5187m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1922	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	6416m	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	437	0.039	ng/ul#	64
5) 2-Methylnaphthalene	12.04	142	347	0.045	ng/ul	99

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

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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5/17/2019 3:35:56 PM

JU 05/31/19