Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

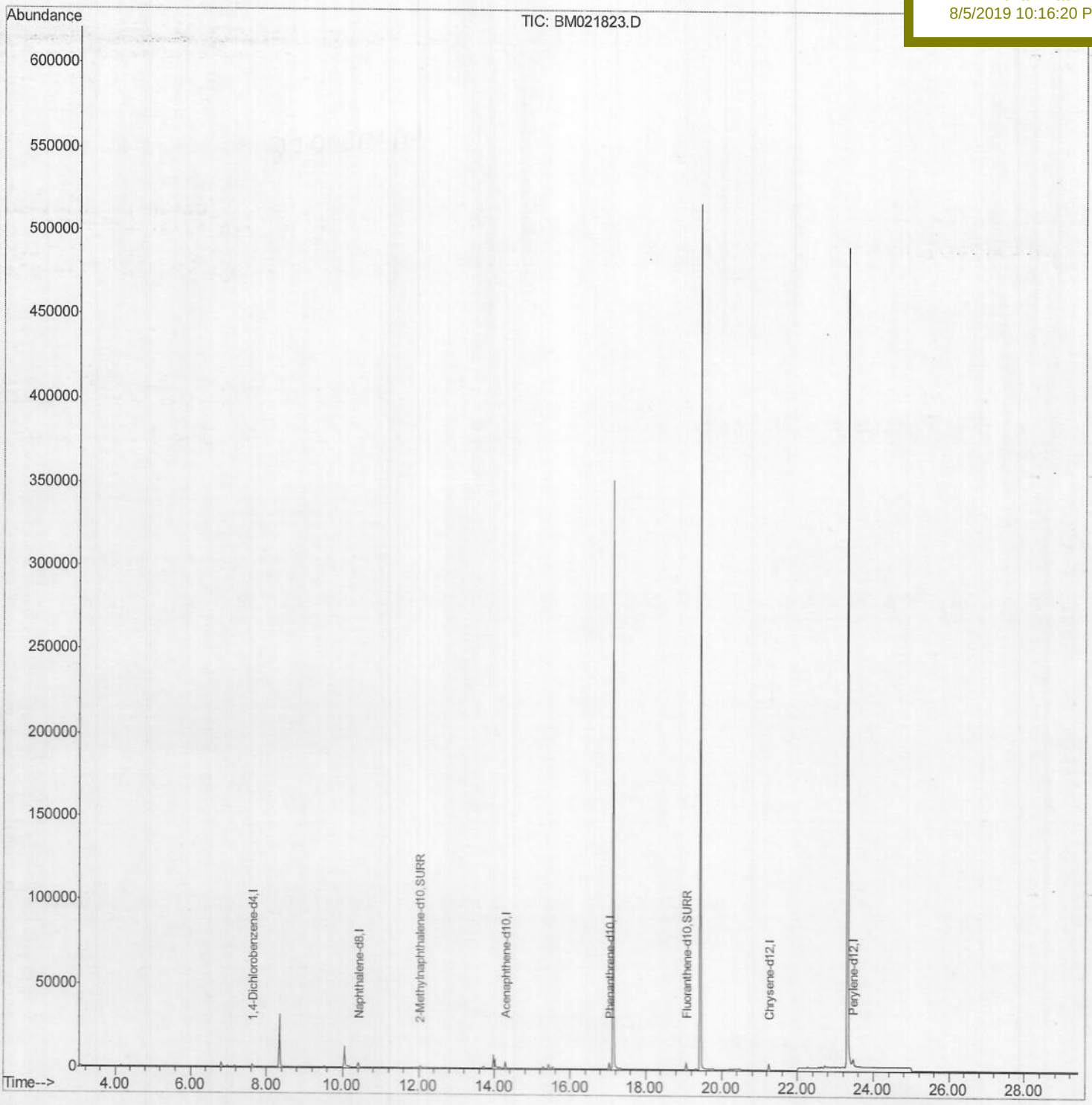
Quantitation Report (QT Reviewed)

Data File : BM021823.D
Acq On : 04 Aug 2019 21:28
Operator : HP/JU
Sample : K4128-02
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Aug 05 08:17:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 06:57:04 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DB8K9

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:20 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

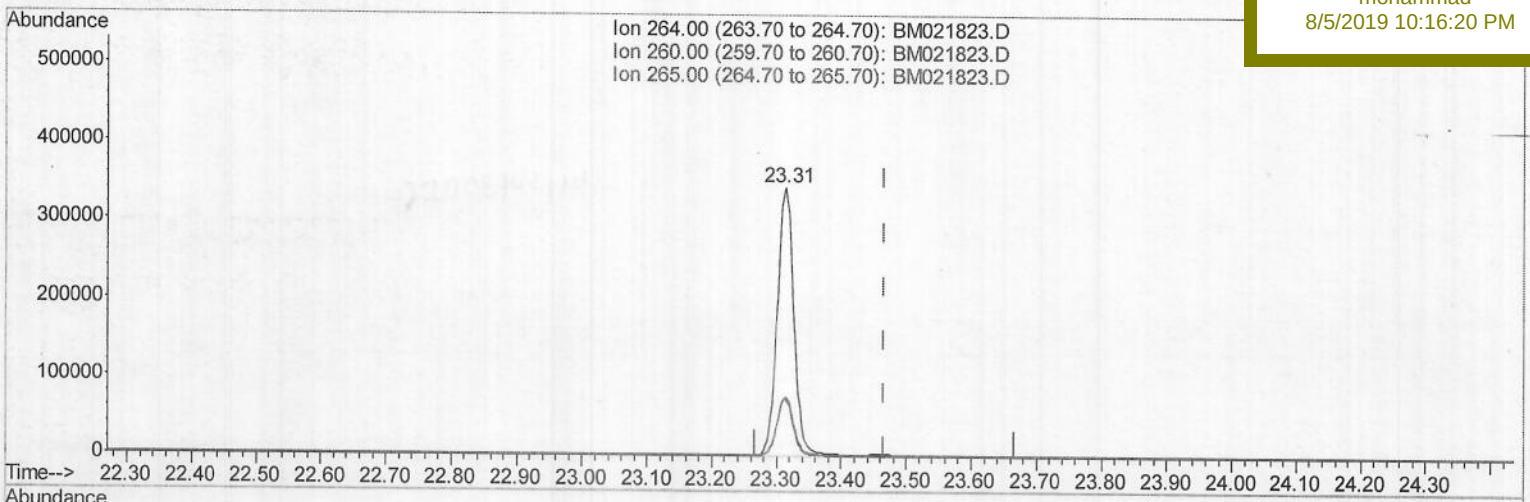
Quantitation Report (Qedit)

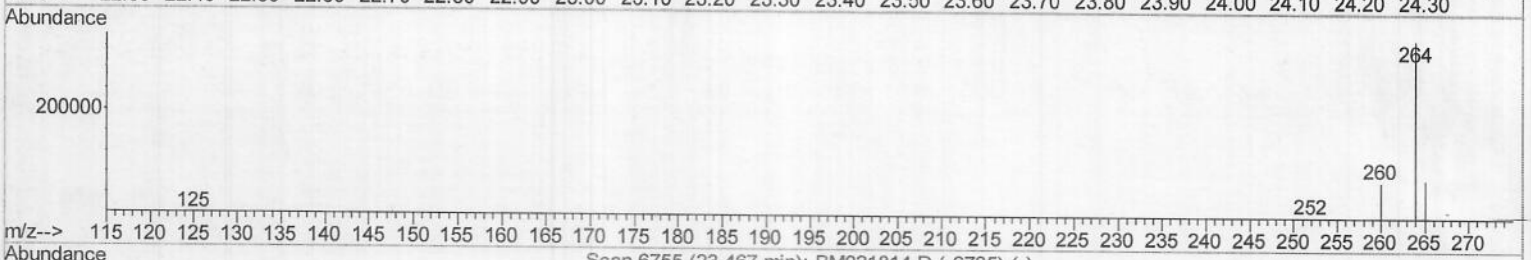
Data File : BM021823.D
Acq On : 04 Aug 2019 21:28
Operator : HP/JU
Sample : K4128-02
Misc :
ALS Vial : 66 Sample Multiplier: 1

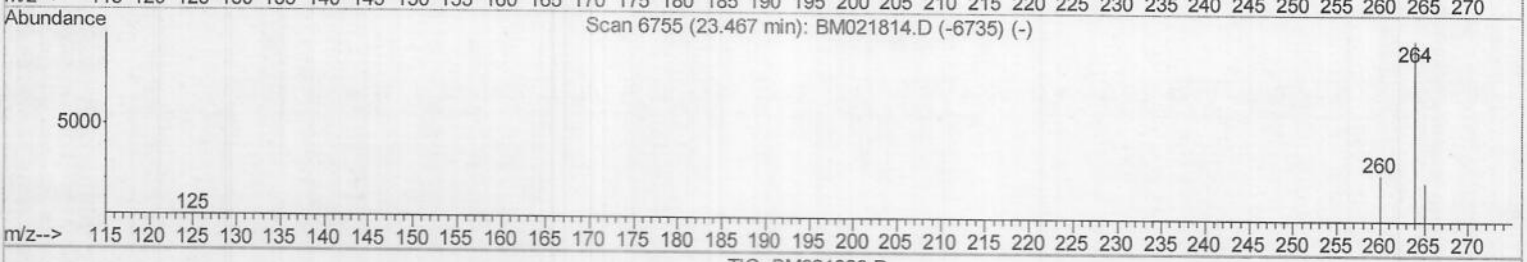
Quant Time: Aug 05 08:16:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 06:57:04 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DB8K9

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:20 PM







TIC: BM021823.D

(20) Perylene-d12 (I)

23.314min (-0.153) 0.40ng/ul

response 613938

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	20.84#
265.00	117.00	21.89#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

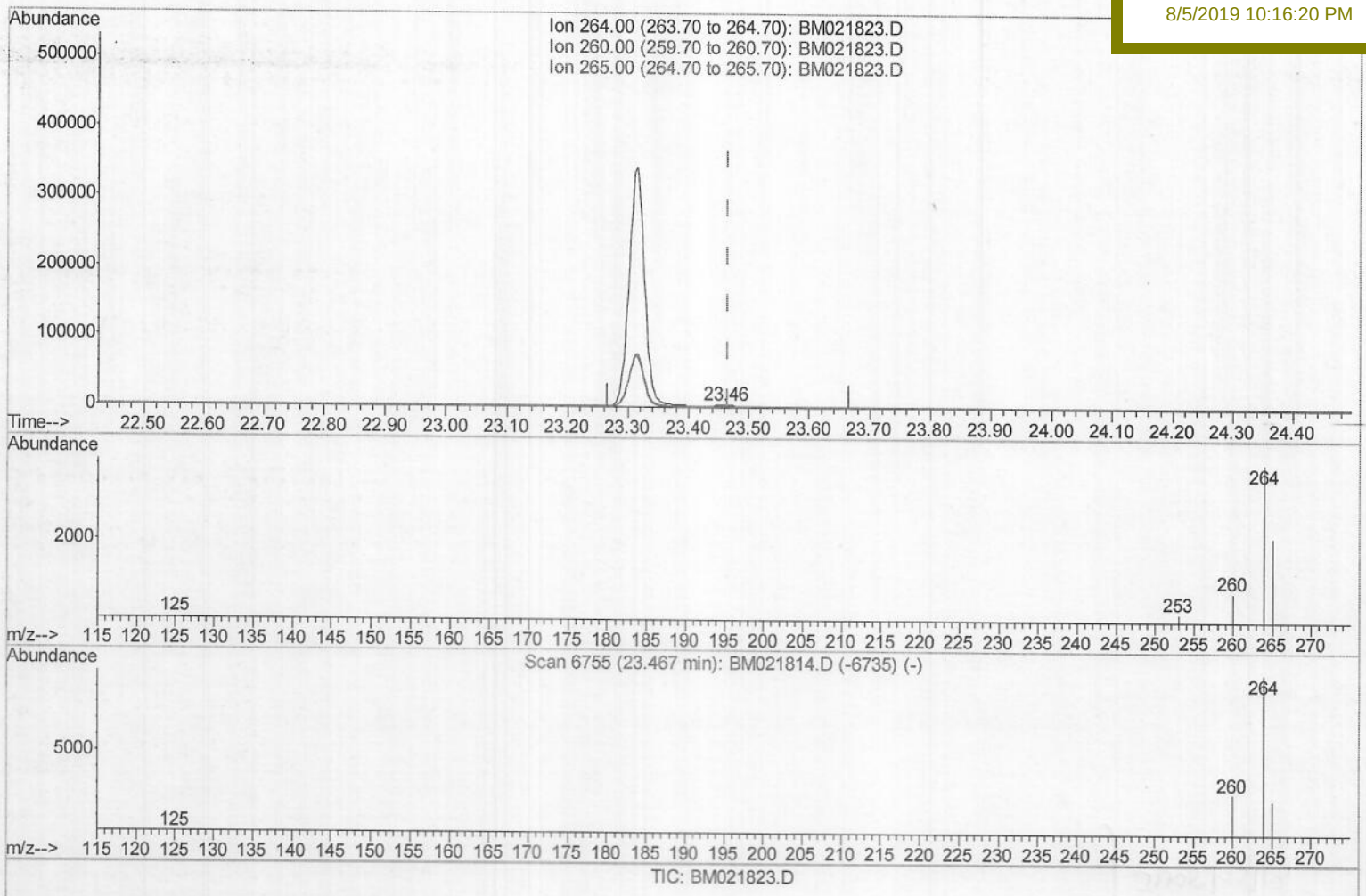
Quantitation Report (Qedit)

Data File : BM021823.D
Acq On : 04 Aug 2019 21:28
Operator : HP/JU
Sample : K4128-02
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Aug 05 08:16:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 06:57:04 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DB8K9

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:20 PM



(20) Perylene-d12 (I)

23.459min (-0.007) 0.40ng/ul m } JV08|07|19

response 4371

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	24.83
265.00	117.00	57.62#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

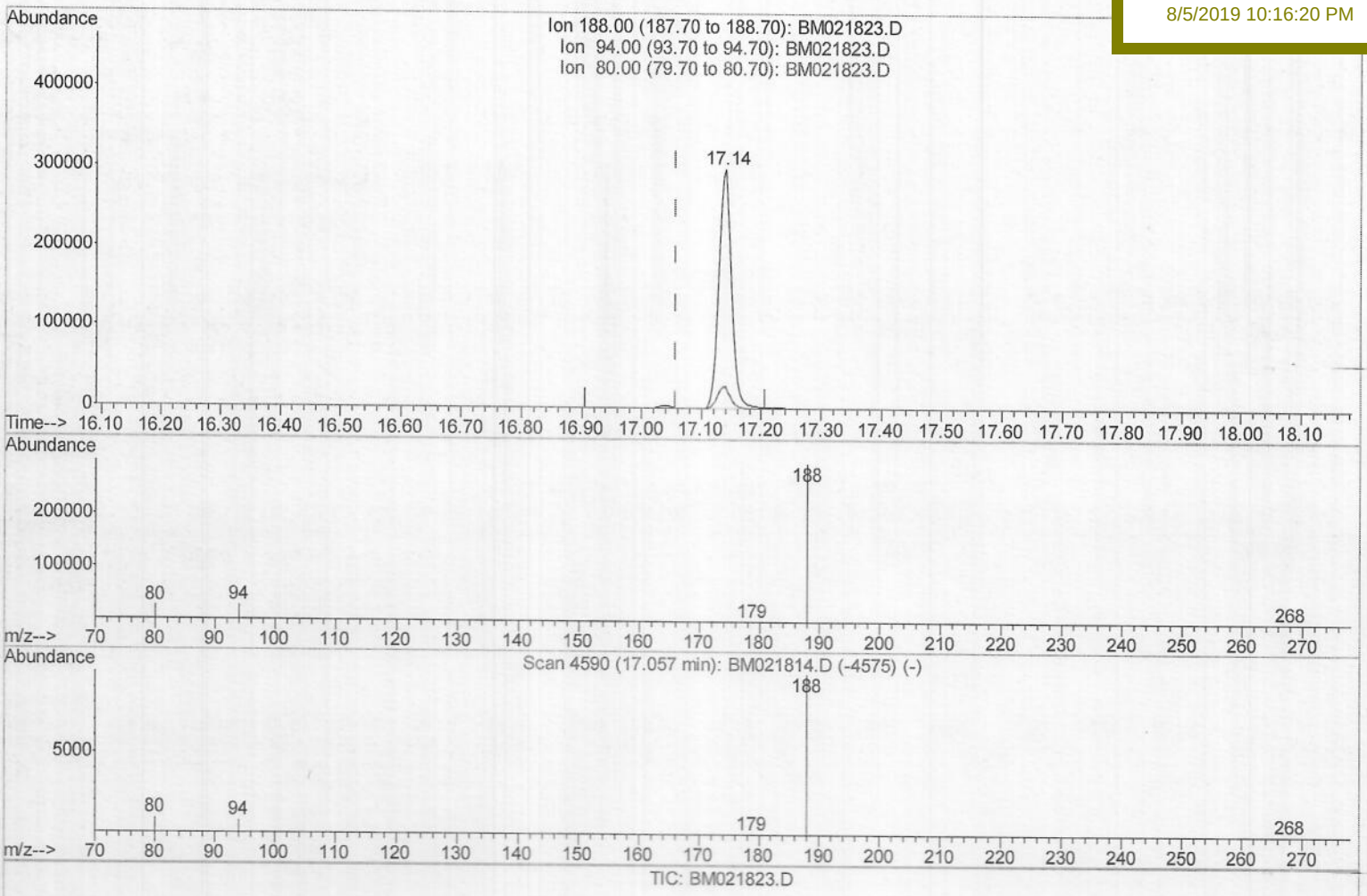
Quantitation Report (Qedit)

Data File : BM021823.D
Acq On : 04 Aug 2019 21:28
Operator : HP/JU
Sample : K4128-02
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Aug 05 07:01:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 06:57:04 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DB8K9

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:20 PM



(10) Phenanthrene-d10 (I)

17.140min (+0.083) 0.40ng/ul

response 442837

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.98
80.00	11.40	8.61#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

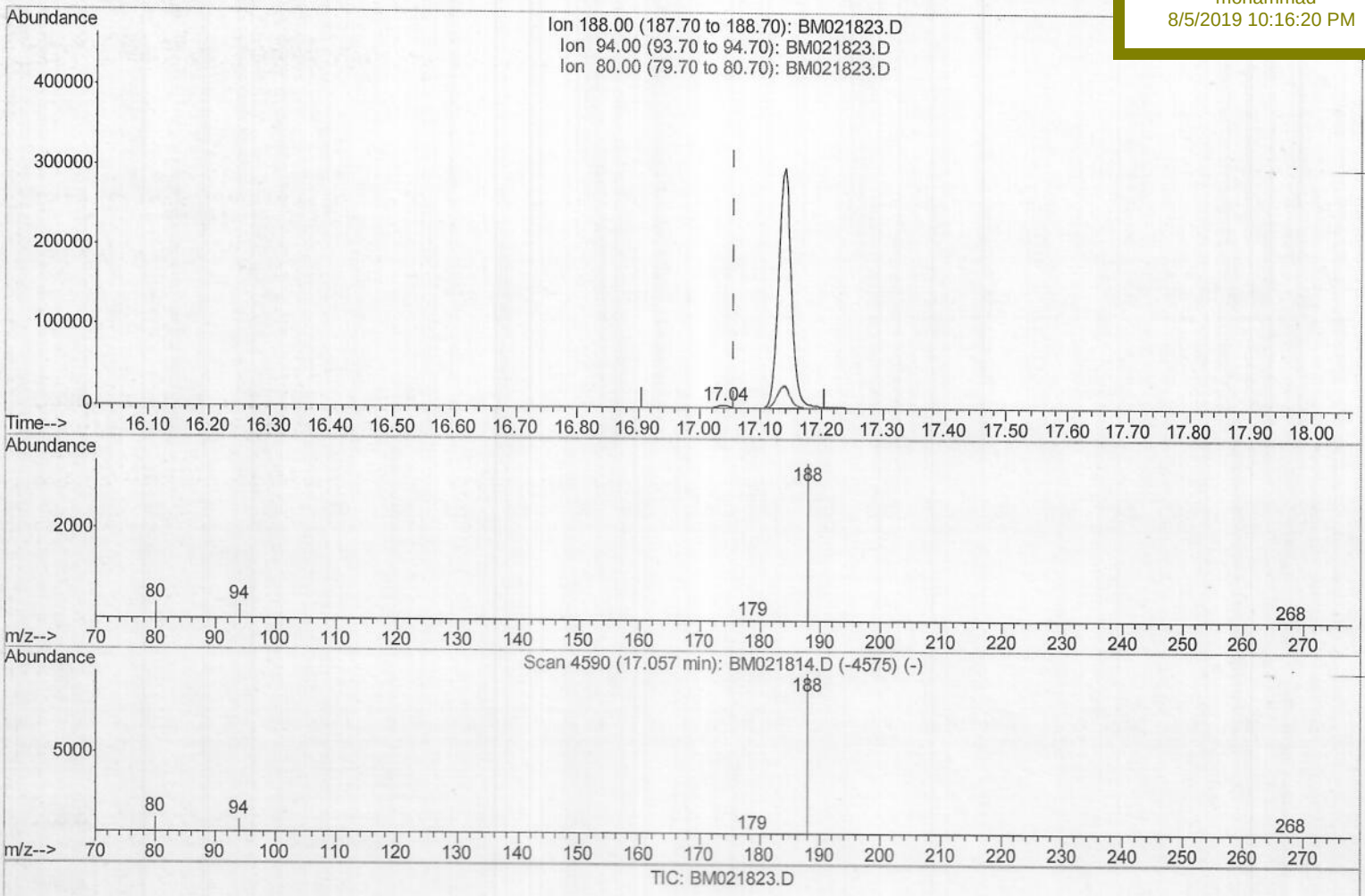
Quantitation Report (Qedit)

Data File : BM021823.D
Acq On : 04 Aug 2019 21:28
Operator : HP/JU
Sample : K4128-02
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Aug 05 07:01:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 06:57:04 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DB8K9

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:20 PM



(10) Phenanthrene-d10 (I)

17.039min (-0.017) 0.40ng/ul m JU 08/07/19

response 4833

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.33
80.00	11.40	11.49
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

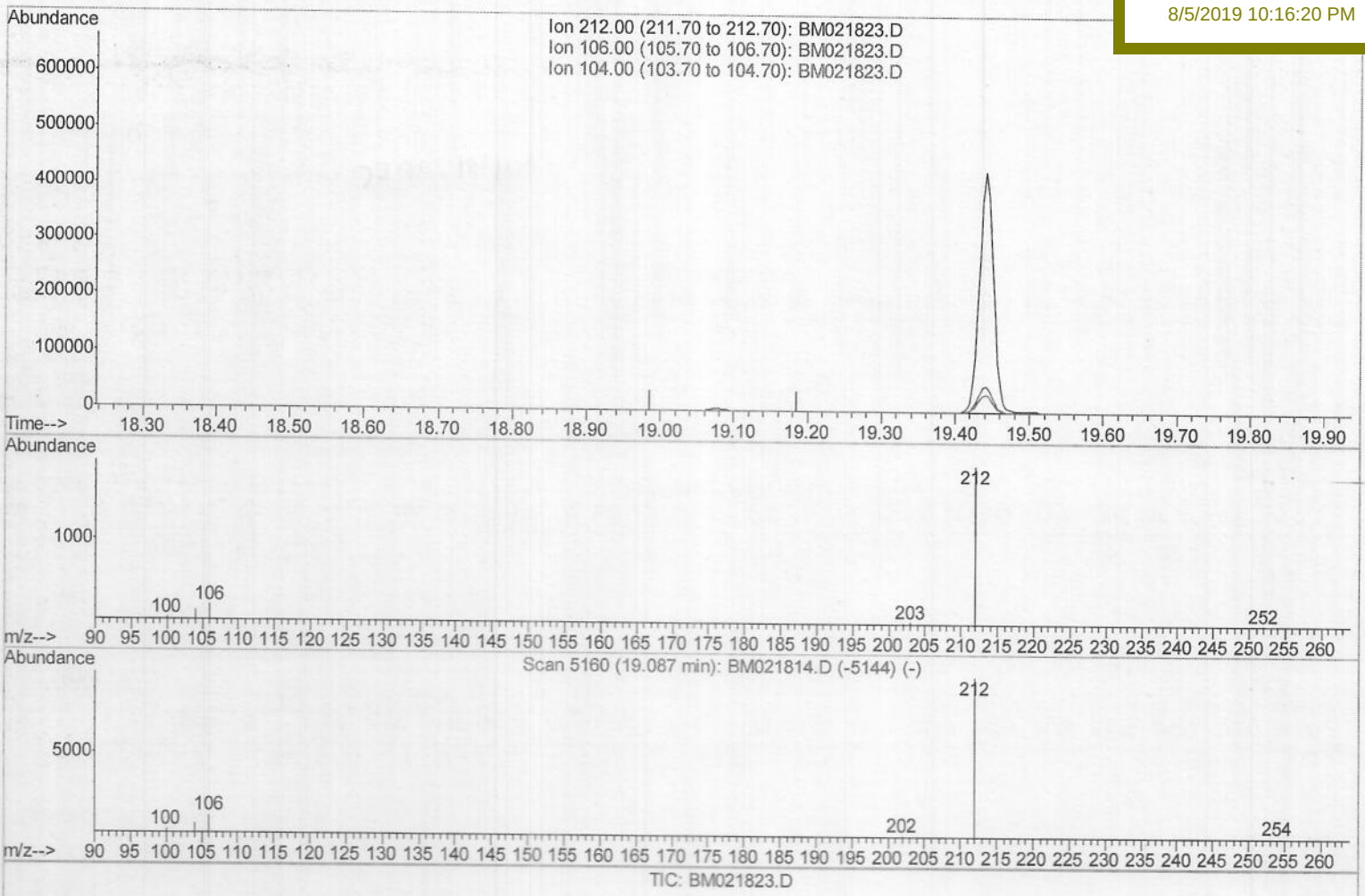
Quantitation Report (Qedit)

Data File : BM021823.D
Acq On : 04 Aug 2019 21:28
Operator : HP/JU
Sample : K4128-02
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Aug 05 08:16:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 06:57:04 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DB8K9

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:20 PM



(14) Fluoranthene-d10 (SURR)

19.087min (-19.087) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

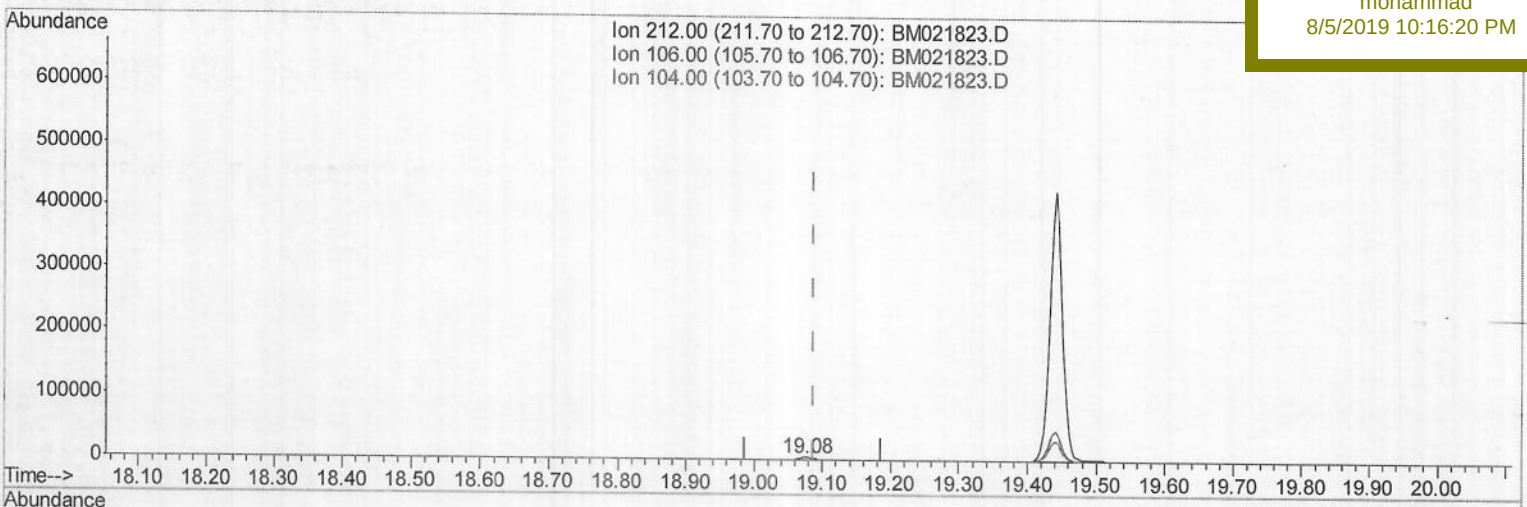
Quantitation Report (Qedit)

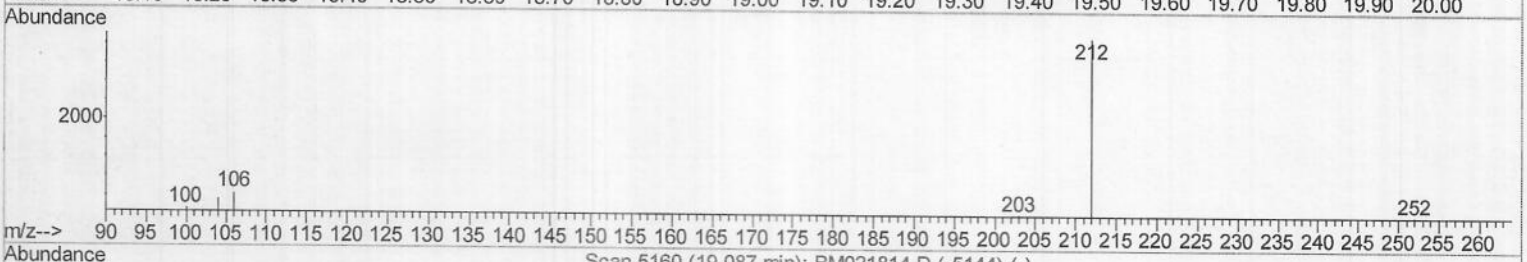
Data File : BM021823.D
Acq On : 04 Aug 2019 21:28
Operator : HP/JU
Sample : K4128-02
Misc :
ALS Vial : 66 Sample Multiplier: 1

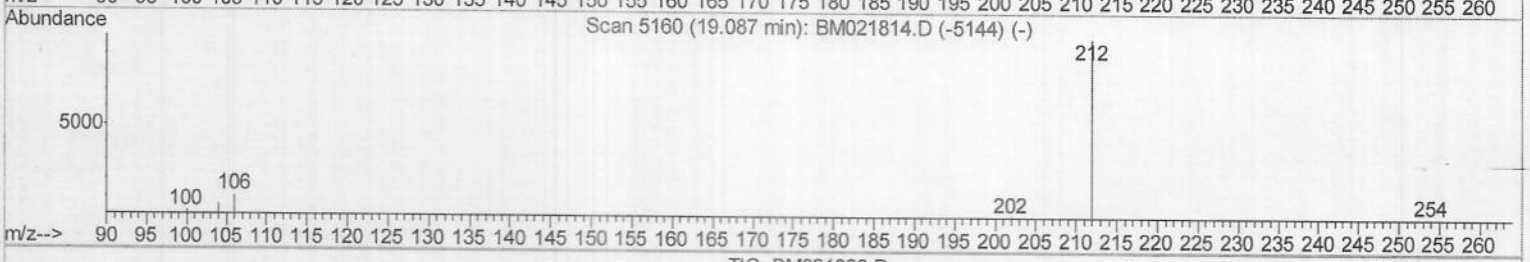
Quant Time: Aug 05 08:16:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 06:57:04 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DB8K9

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:20 PM







TIC: BM021823.D

(14) Fluoranthene-d10 (SURR)

19.076min (-0.012) 0.33ng/ul m JJU08/07/19

response 5383

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

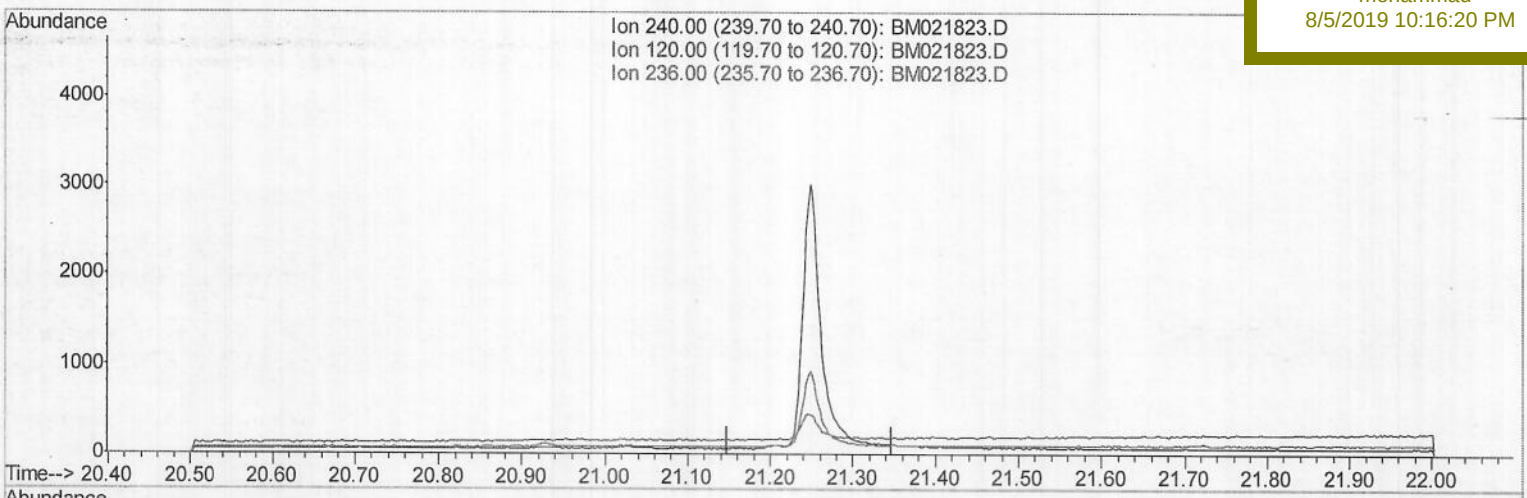
Quantitation Report (Qedit)

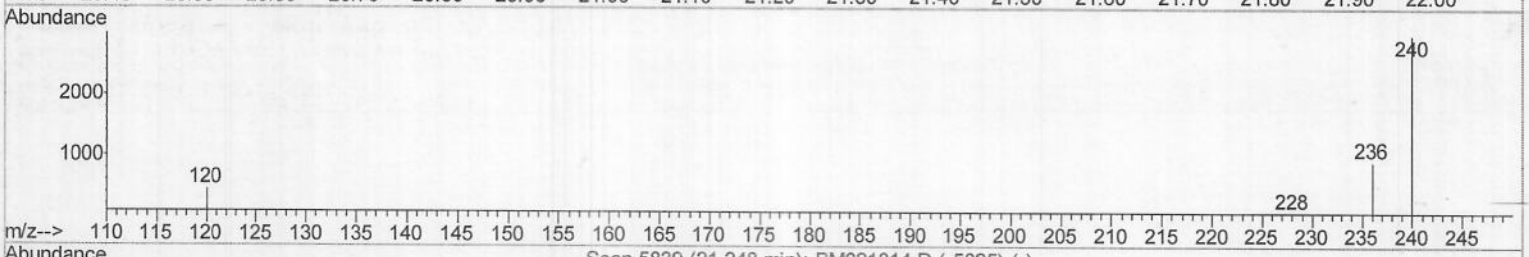
Data File : BM021823.D
Acq On : 04 Aug 2019 21:28
Operator : HP/JU
Sample : K4128-02
Misc :
ALS Vial : 66 Sample Multiplier: 1

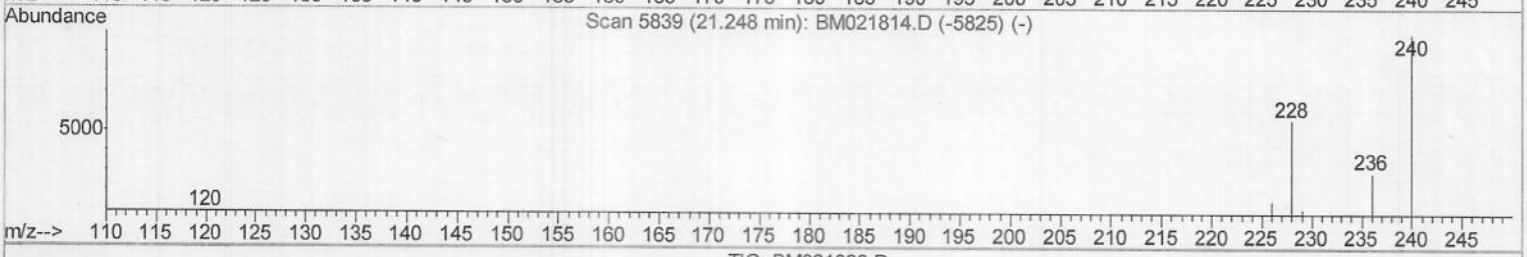
Quant Time: Aug 05 08:16:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 06:57:04 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DB8K9

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:20 PM







TIC: BM021823.D

(16) Chrysene-d12 (I)

21.248min (-21.248) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.20	0.00#
236.00	32.30	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

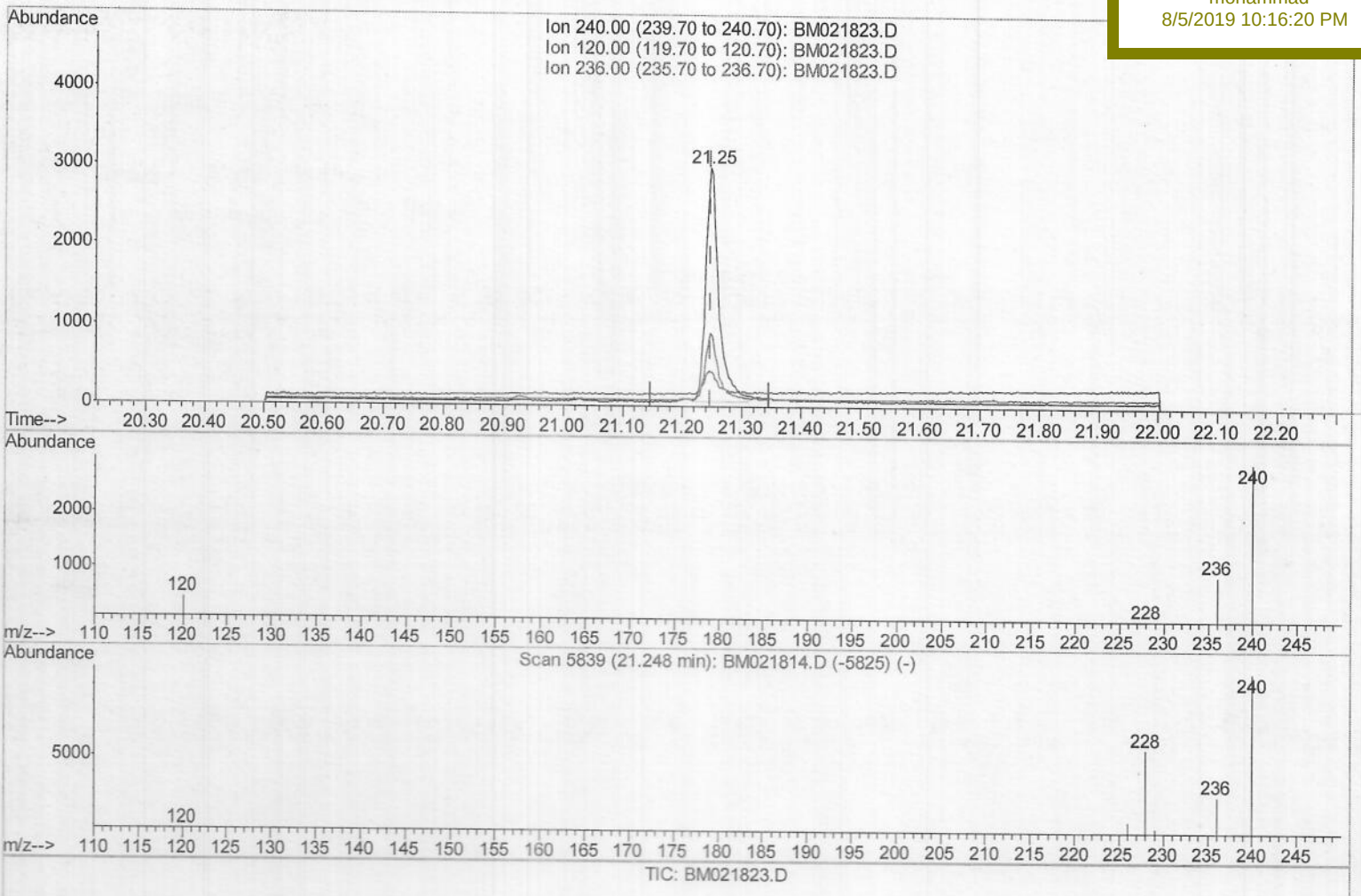
Quantitation Report (Qedit)

Data File : BM021823.D
Acq On : 04 Aug 2019 21:28
Operator : HP/JU
Sample : K4128-02
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Aug 05 08:16:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 06:57:04 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DB8K9

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:20 PM



TIC: BM021823.D

(16) Chrysene-d12 (I)

21.248min (-0.000) 0.40ng/ul m JU080719

response 4477

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	14.54
236.00	32.30	30.84
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (QT Reviewed)

Data File : BM021823.D
Acq On : 04 Aug 2019 21:28
Operator : HP/JU
Sample : K4128-02
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Aug 05 08:17:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 06:57:04 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DB8K9

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	938	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3823	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2204	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	4833m)	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	4477m)	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	4371m)	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1833	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	5383m)	0.33	ng/ul	-0.01
Target Compounds						Qvalue

JU 08/07/19

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