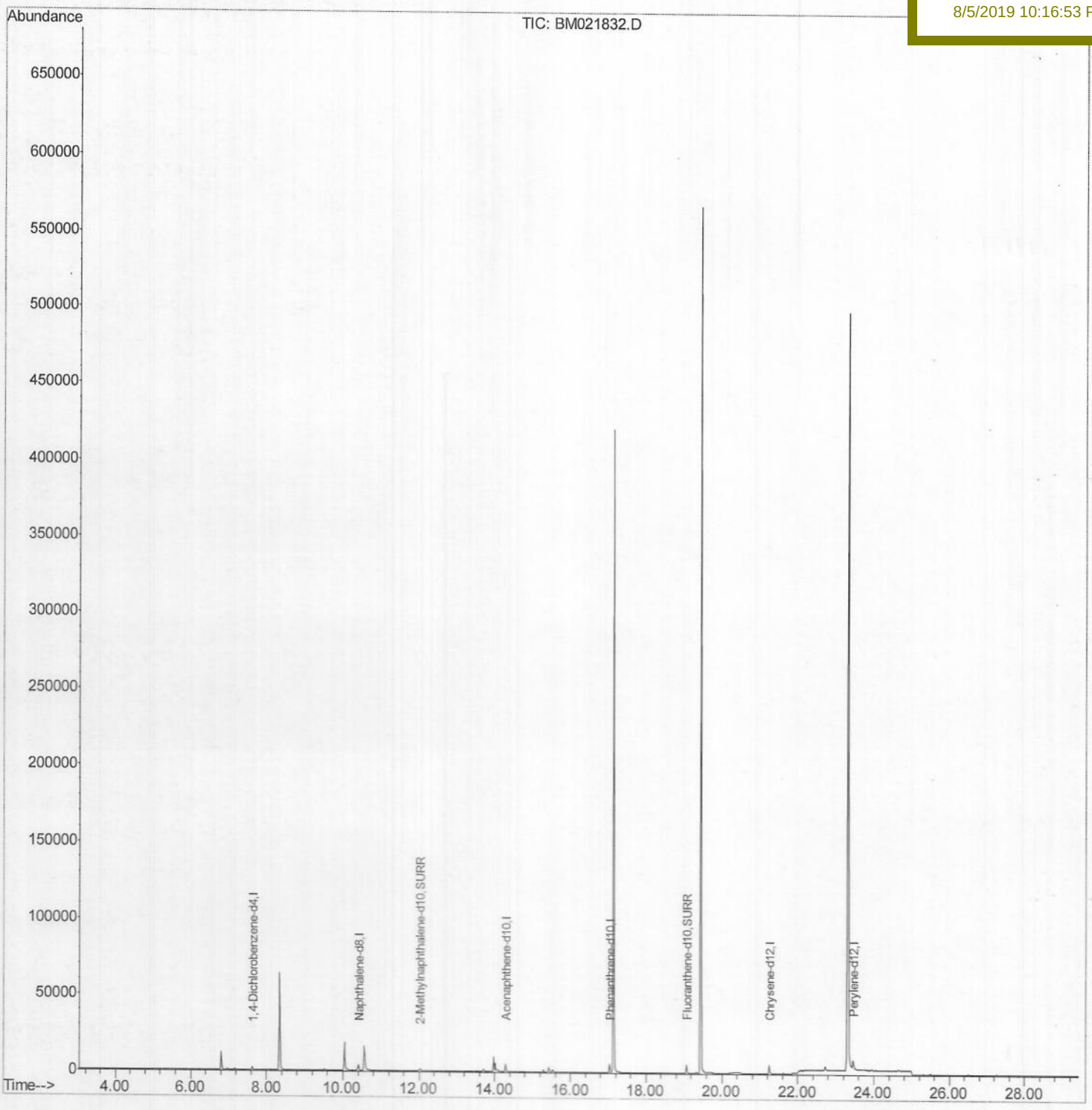
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080319\
Data File : BM021832.D
Acq On : 05 Aug 2019 04:08
Operator : HP/JU
Sample : PB121644BL
Misc :
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Aug 05 09:06:11 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 08:19:16 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK44

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:53 PM



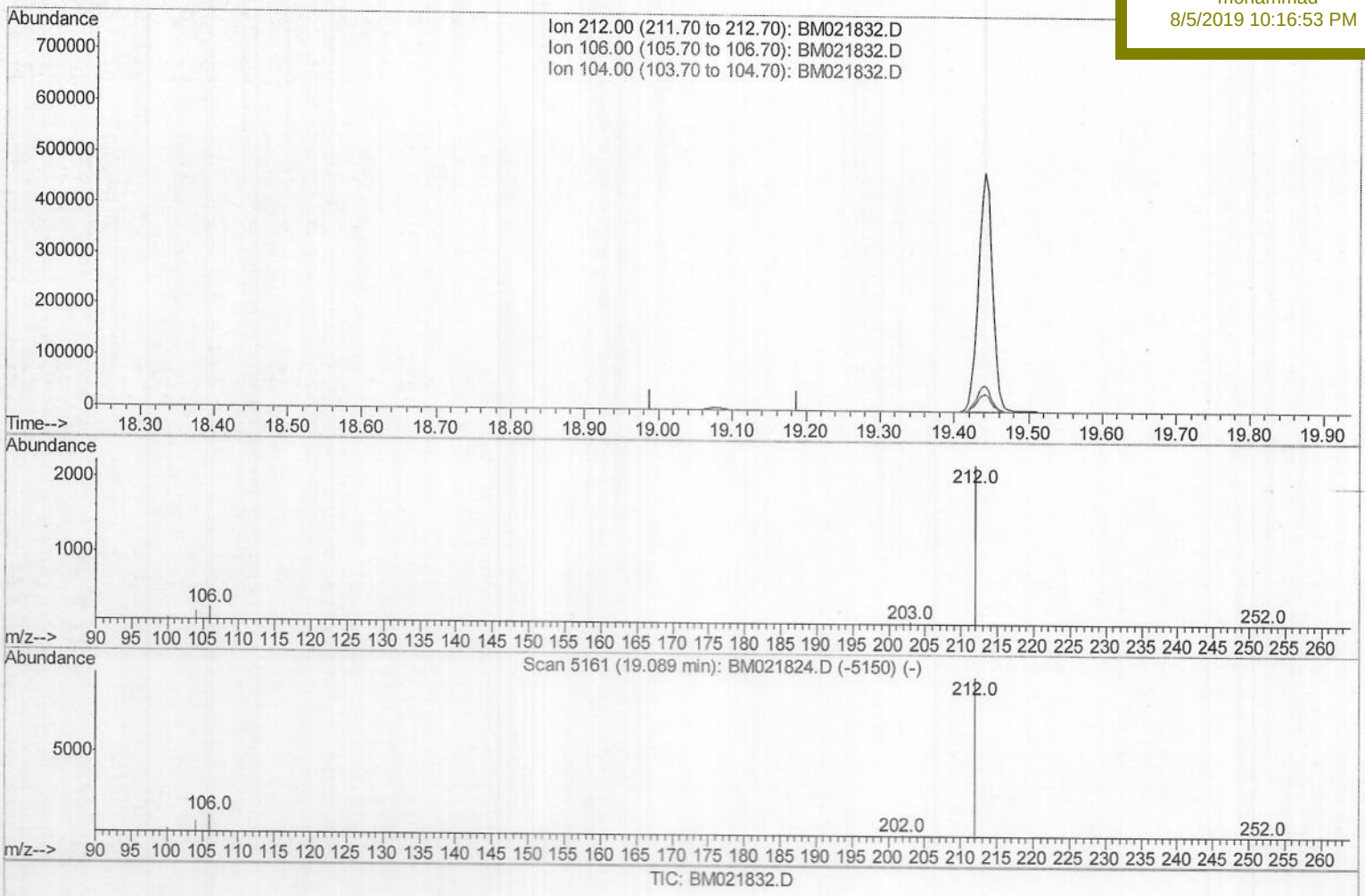
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080319\
Data File : BM021832.D
Acq On : 05 Aug 2019 04:08
Operator : HP/JU
Sample : PB121644BL
Misc :
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Aug 05 09:04:37 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 08:19:16 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK44

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:53 PM



(14) Fluoranthene-d10 (SURR)

19.089min (-19.089) 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

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080319\
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Acq On : 05 Aug 2019 04:08
Operator : HP/JU
Sample : PB121644BL
Misc :
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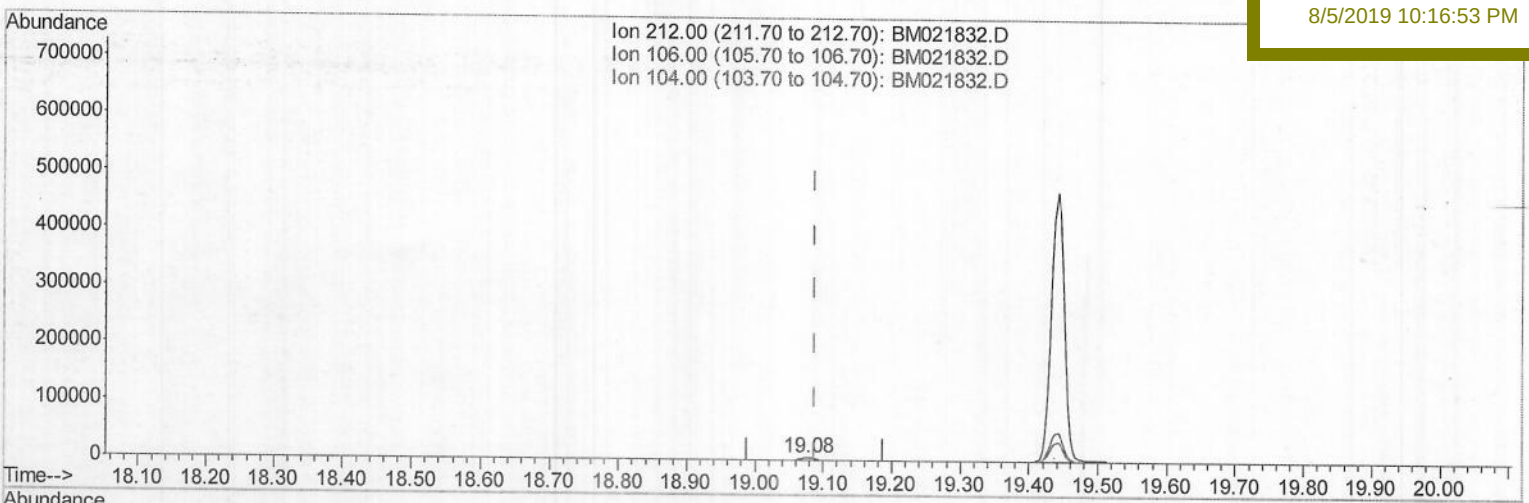
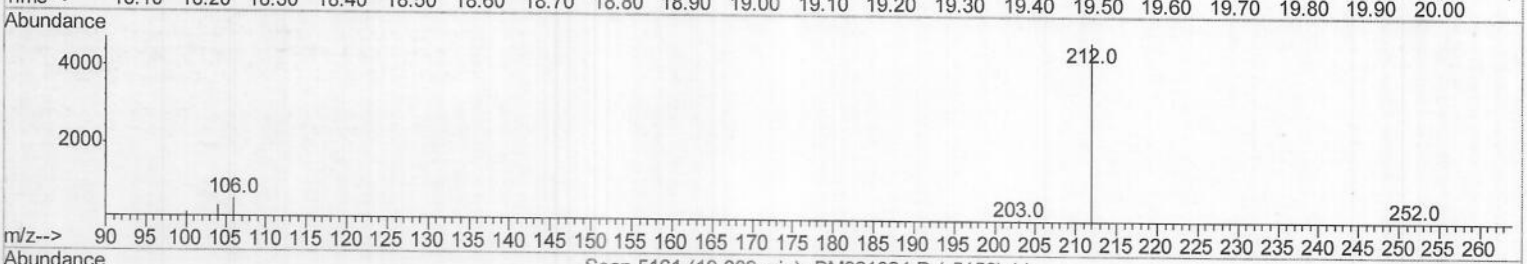
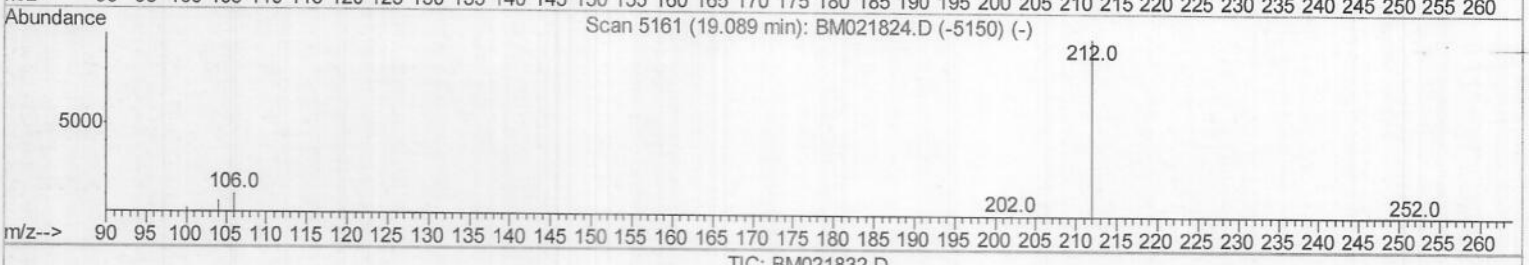
Quant Time: Aug 05 09:04:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK44

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:53 PM







TIC: BM021832.D

(14) Fluoranthene-d10 (SURR)

19.076min (-0.013) 0.30ng/ul m JU08/07/19

response 6495

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

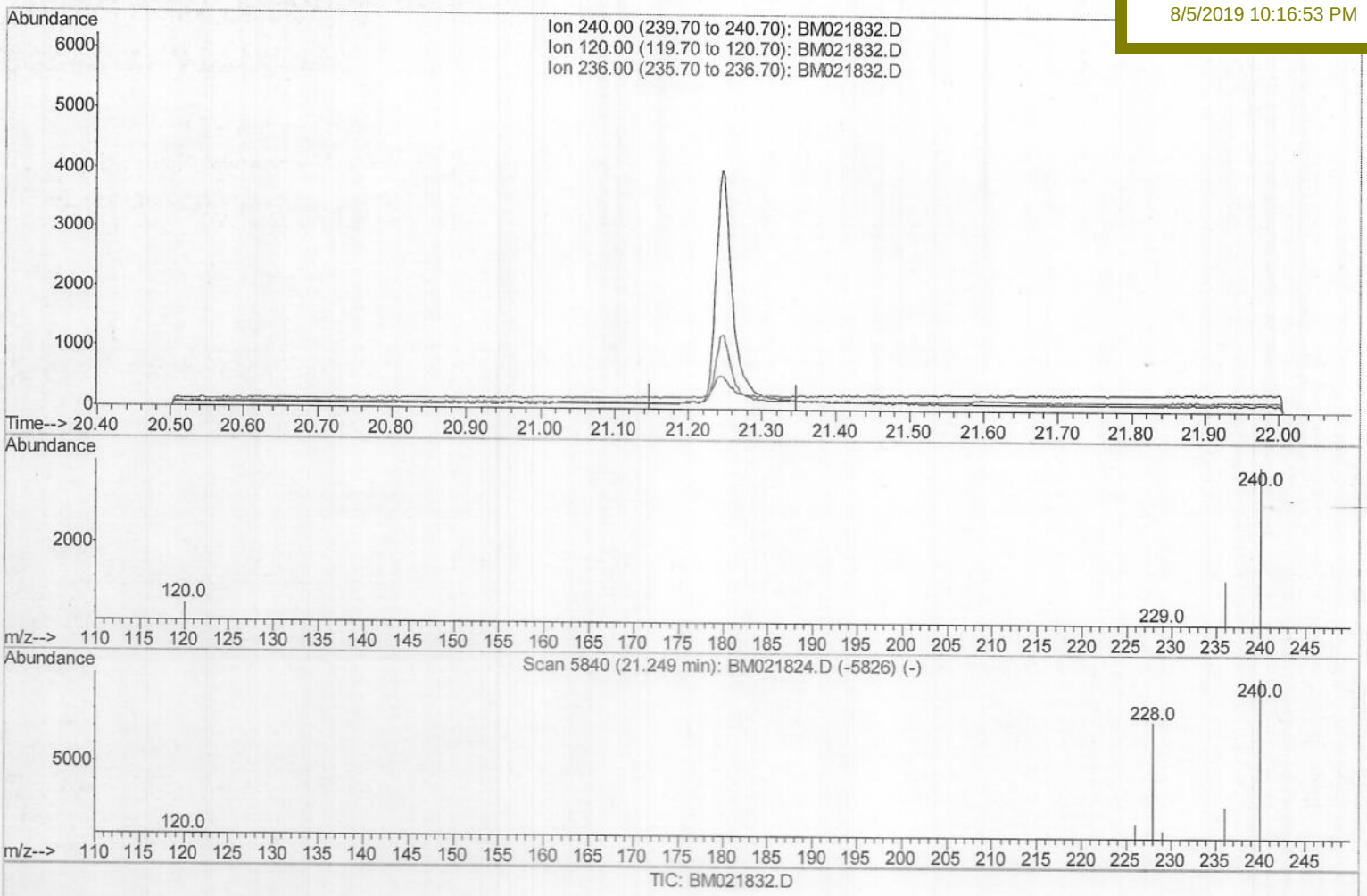
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080319\
Data File : BM021832.D
Acq On : 05 Aug 2019 04:08
Operator : HP/JU
Sample : PB121644BL
Misc :
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Aug 05 09:04:37 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 08:19:16 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK44

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:53 PM



(16) Chrysene-d12 (I)

21.249min (-21.249) 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

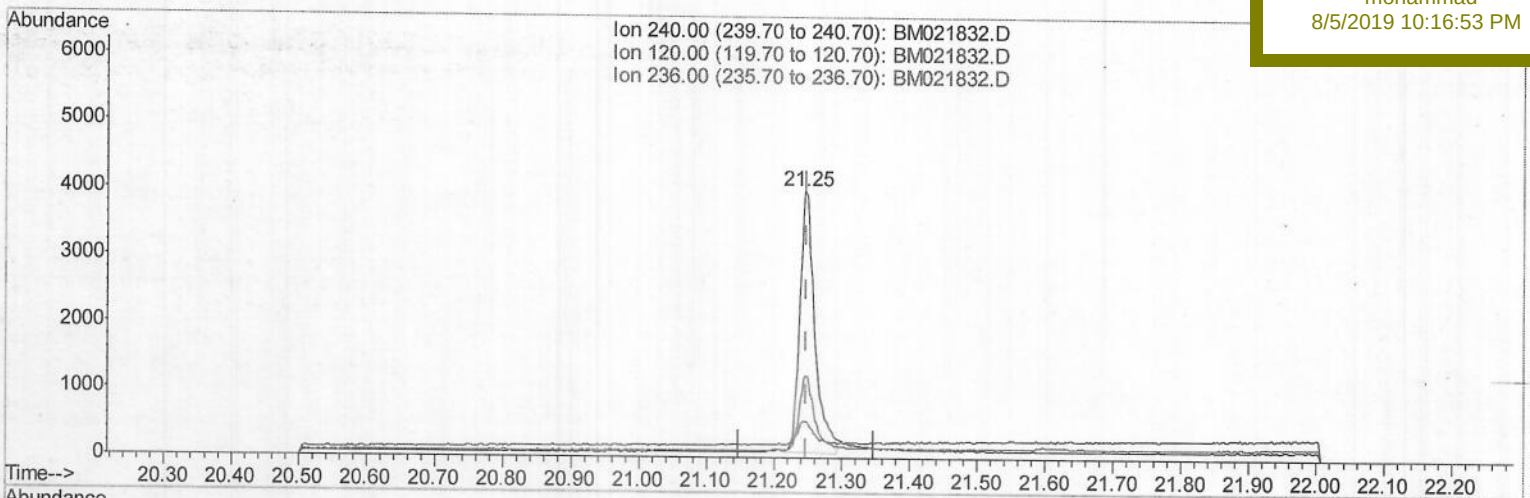
Quantitation Report (Qedit)

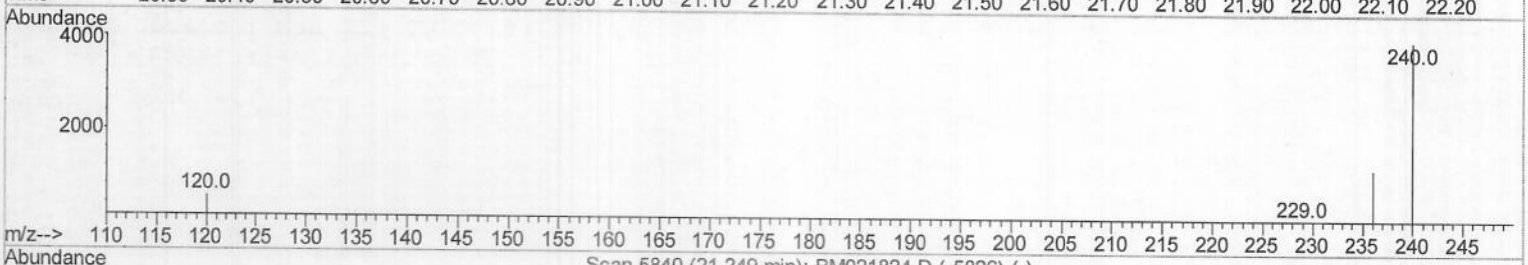
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080319\
Data File : BM021832.D
Acq On : 05 Aug 2019 04:08
Operator : HP/JU
Sample : PB121644BL
Misc :
ALS Vial : 75 Sample Multiplier: 1

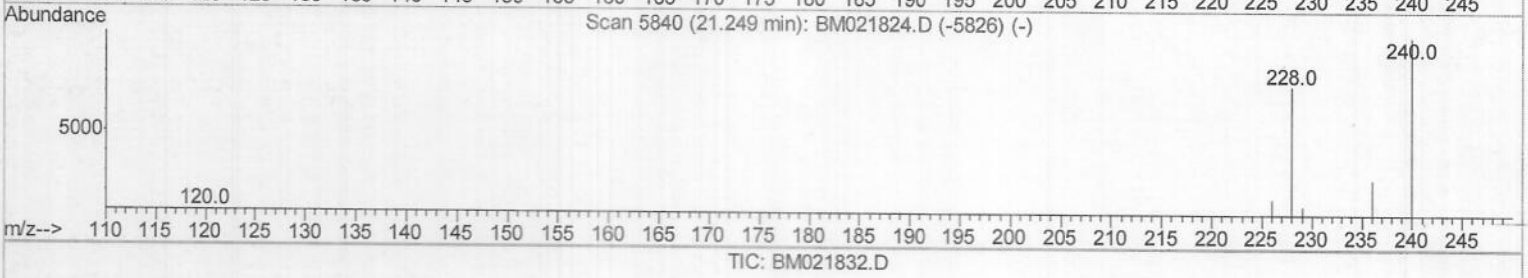
Quant Time: Aug 05 09:04:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK44

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:53 PM







TIC: BM021832.D

(16) Chrysene-d12 (I)

21.246min (-0.003) 0.40ng/ul m JJU 08/07/19

response 6046

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	13.82
236.00	32.30	30.63
0.00	0.00	0.00

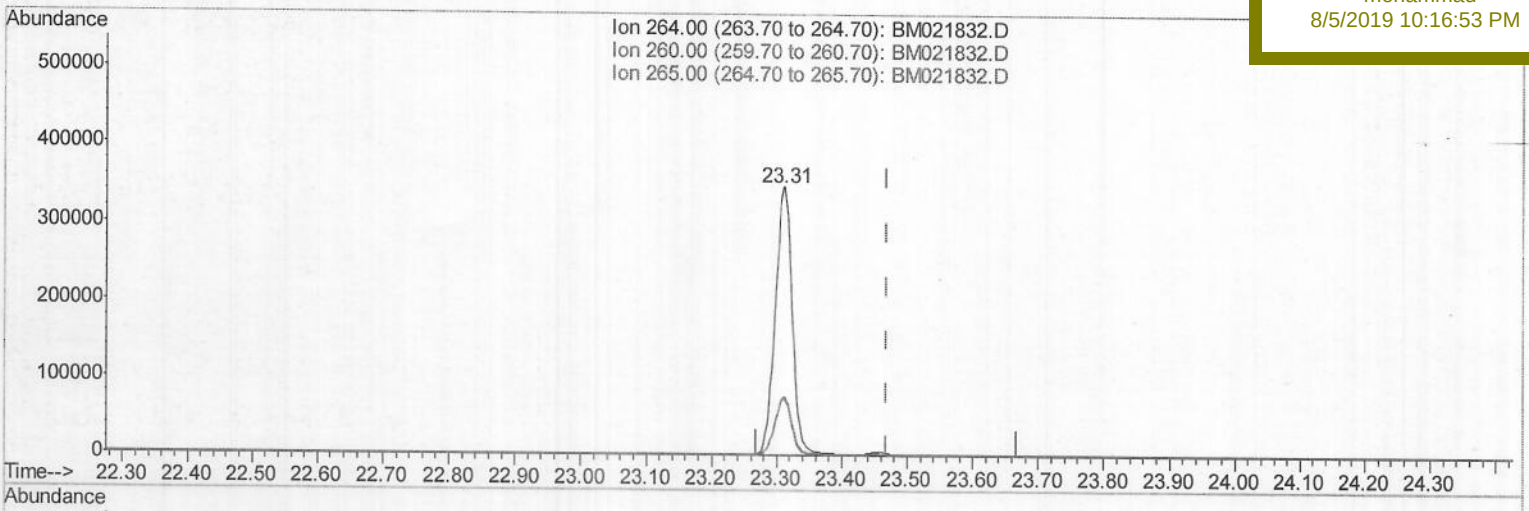
Quantitation Report (Qedit)

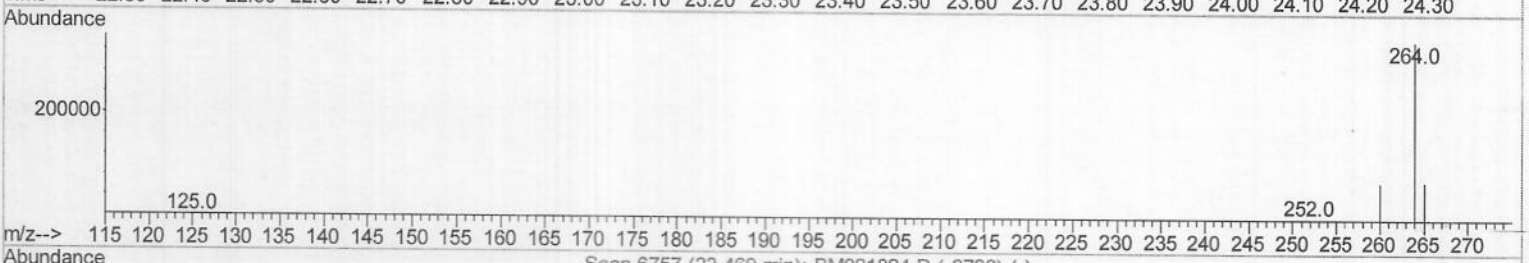
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080319\
Data File : BM021832.D
Acq On : 05 Aug 2019 04:08
Operator : HP/JU
Sample : PB121644BL
Misc :
ALS Vial : 75 Sample Multiplier: 1

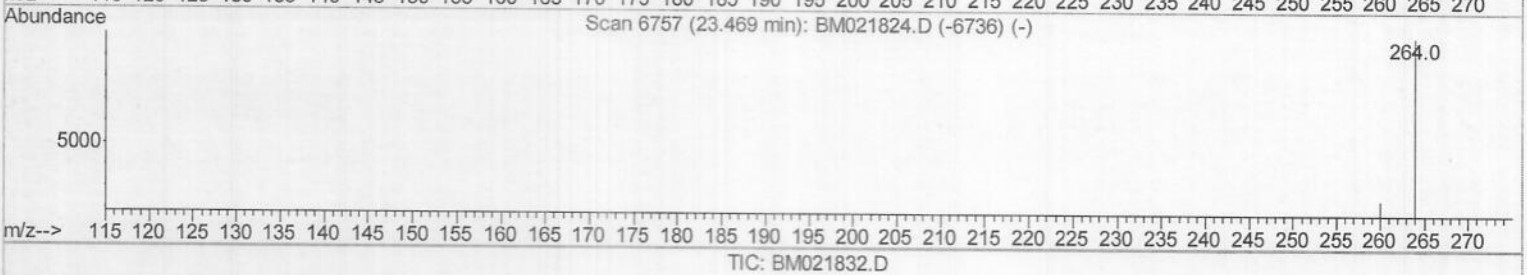
Quant Time: Aug 05 09:05:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK44

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:53 PM







TIC: BM021832.D

(20) Perylene-d12 (I)

23.312min (-0.158) 0.40ng/ul

response 626636

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	21.05#
265.00	117.00	21.73#
0.00	0.00	0.00

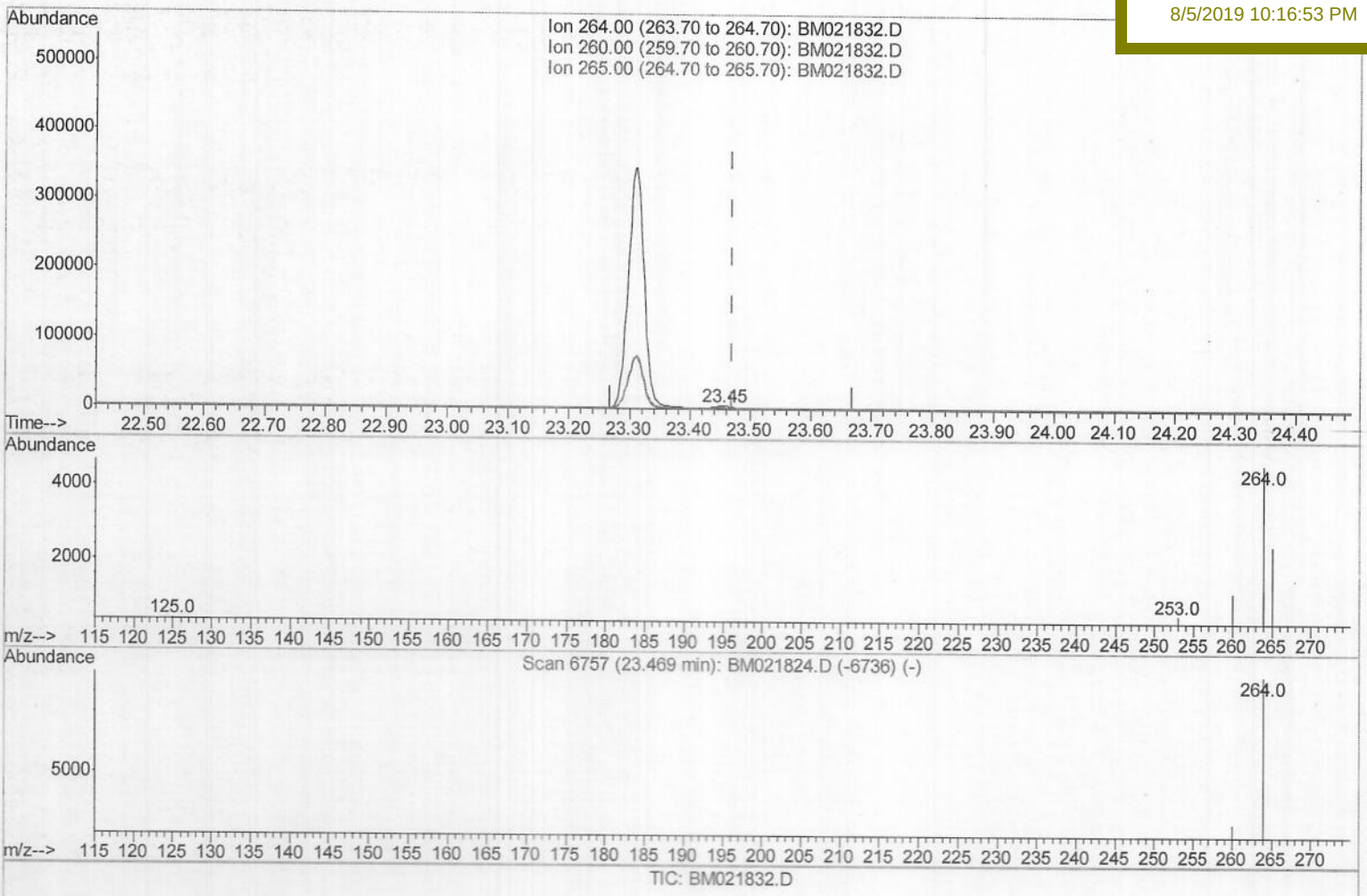
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080319\
Data File : BM021832.D
Acq On : 05 Aug 2019 04:08
Operator : HP/JU
Sample : PB121644BL
Misc :
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Aug 05 09:05:12 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 08:19:16 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK44

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:53 PM



TIC: BM021832.D

(20) Perylene-d12 (I)

23.455min (-0.015) 0.40ng/ul m) JU 08/07/19

response 6862

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	25.99
265.00	117.00	53.41#
0.00	0.00	0.00

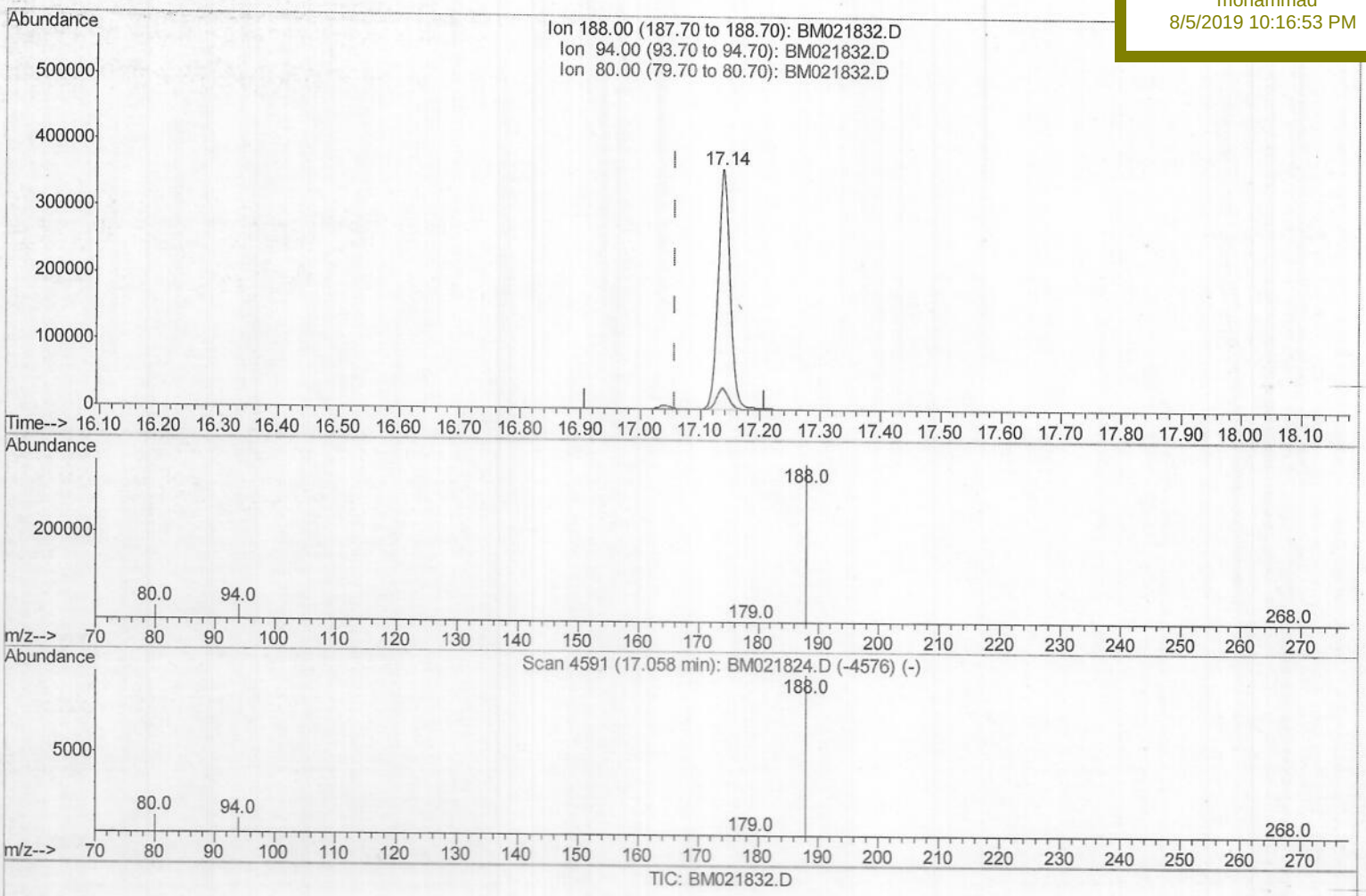
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080319\
Data File : BM021832.D
Acq On : 05 Aug 2019 04:08
Operator : HP/JU
Sample : PB121644BL
Misc :
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Aug 05 08:24:42 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 08:19:16 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK44

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:53 PM



(10) Phenanthrene-d10 (I)

17.140min (+0.082) 0.40ng/ul

response 509199

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.60
80.00	11.40	8.24#
0.00	0.00	0.00

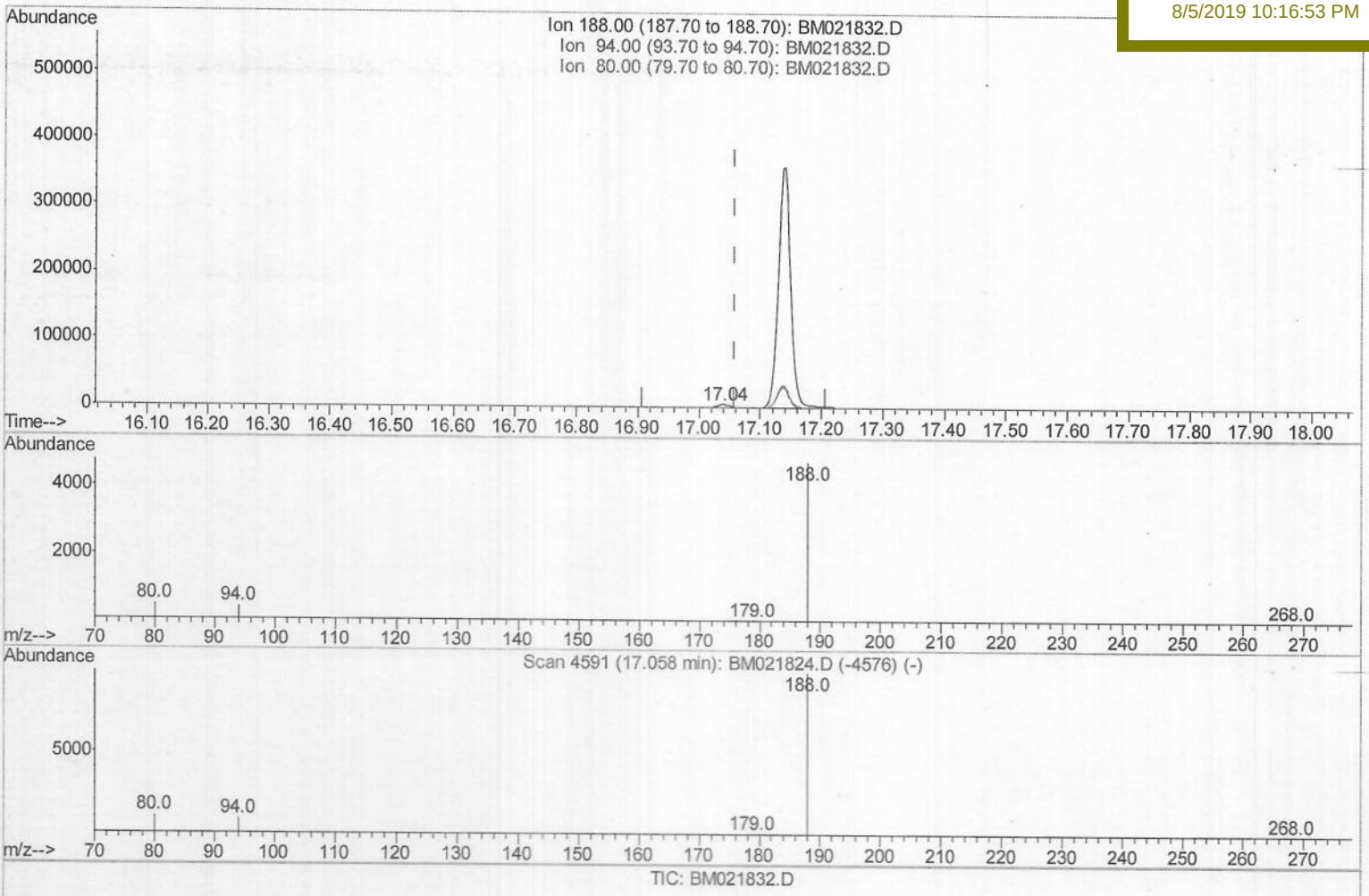
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080319\
Data File : BM021832.D
Acq On : 05 Aug 2019 04:08
Operator : HP/JU
Sample : PB121644BL
Misc :
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Aug 05 08:24:42 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 08:19:16 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK44

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:53 PM



TIC: BM021832.D

(10) Phenanthrene-d10 (I)

17.039min (-0.019) 0.40ng/ul m JJV08/07/19

response 6458

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.37
80.00	11.40	10.87
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080319\
Data File : BM021832.D
Acq On : 05 Aug 2019 04:08
Operator : HP/JU
Sample : PB121644BL
Misc :
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Aug 05 09:06:11 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 08:19:16 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SBLK44

Manual Integrations APPROVED
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8/5/2019 10:16:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1082	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	4525	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2682	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	6458m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	6046m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6862m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	2285	0.31	ng/ul	-0.01
14) Fluoranthene-d10	19.08	212	6495m	0.30	ng/ul	-0.01
Target Compounds						Qvalue

JU 08/07/19

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