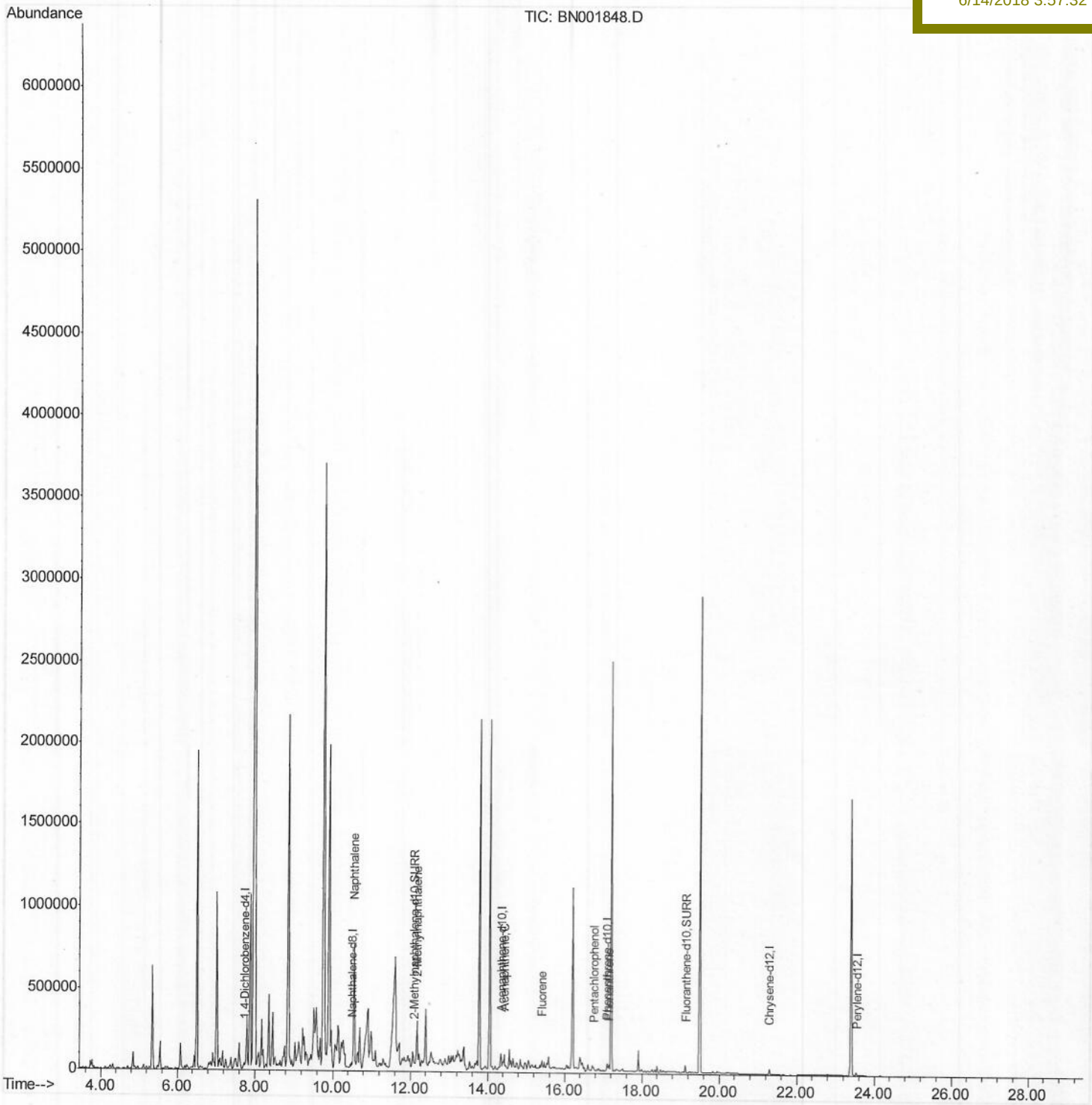
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
Operator : JU/SJ
Sample : J3375-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 18:47:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN061318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 18:19:19 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM



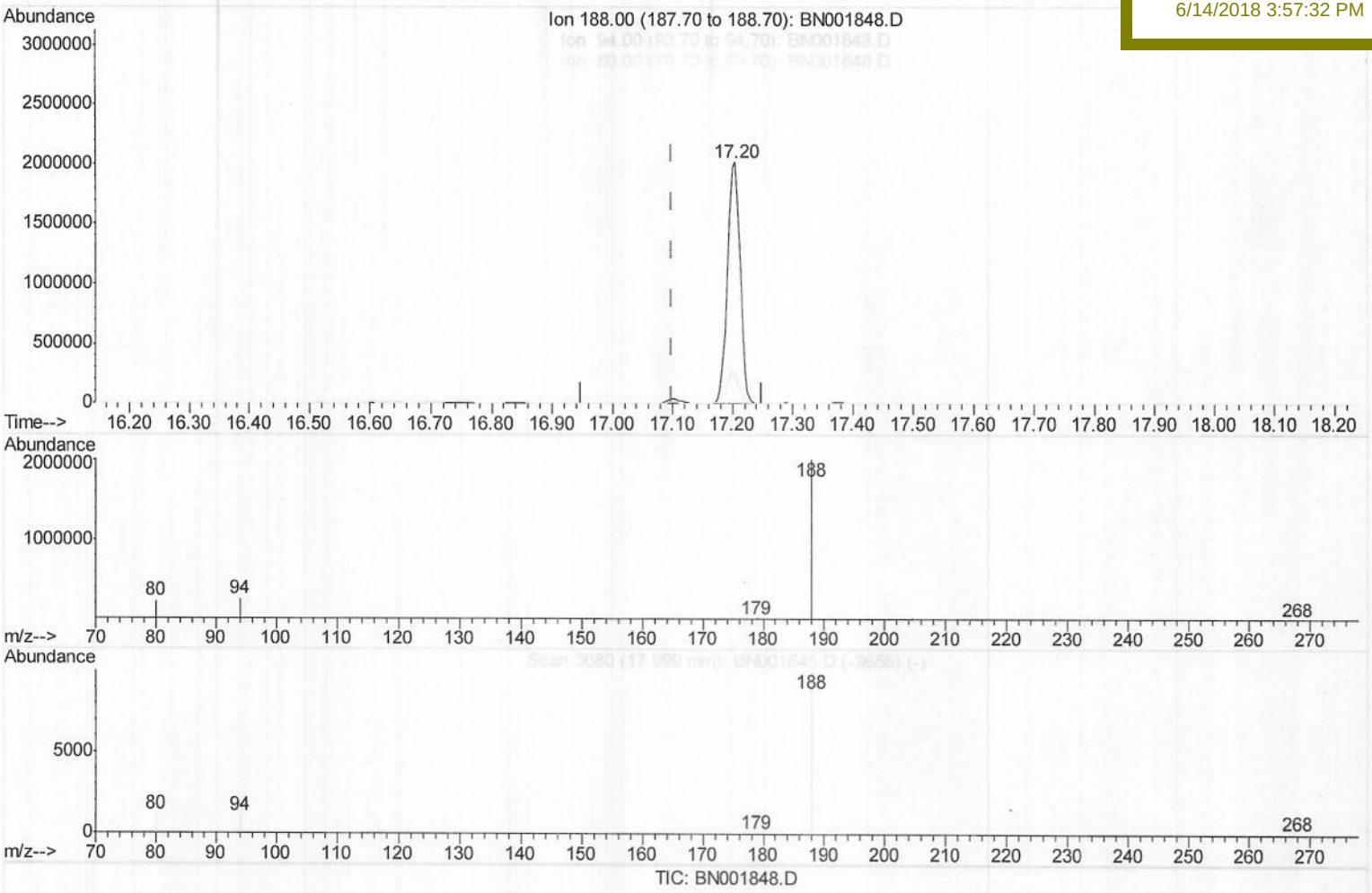
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
Operator : JU/SJ
Sample : J3375-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 18:39:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN061318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 18:19:19 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM



TIC: BN001848.D

(10) Phenanthrene-d10 (I)

17.204min (+0.106) 0.40ng/ul

response 2929727

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.49
80.00	11.80	11.29
0.00	0.00	0.00

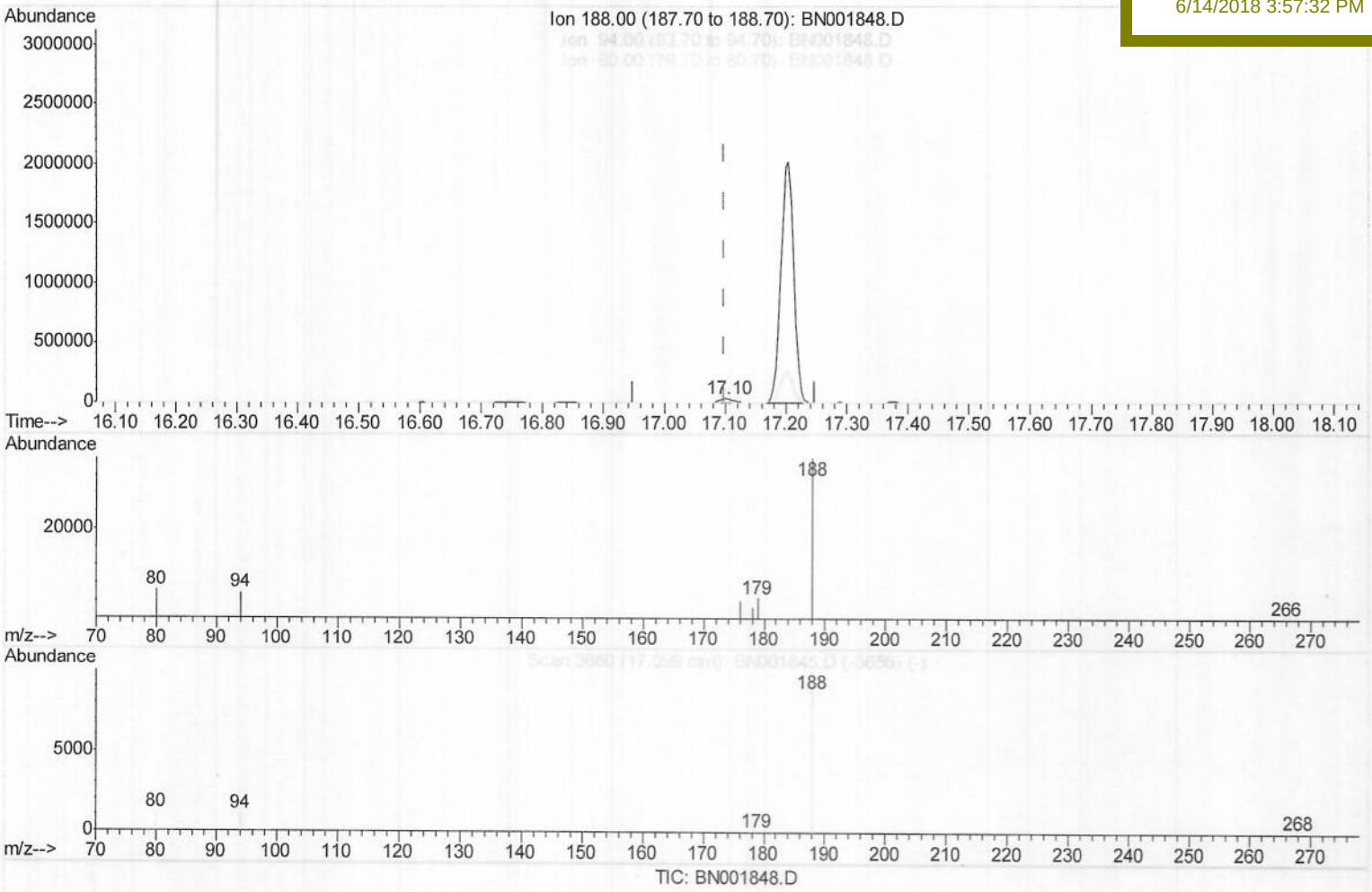
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
Operator : JU/SJ
Sample : J3375-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 18:39:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN061318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 18:19:19 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM



(10) Phenanthrene-d10 (I)

17.103min (+0.004) 0.40ng/ul m) JU 06/18/18

response 50592

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	16.08#
80.00	11.80	17.78#
0.00	0.00	0.00

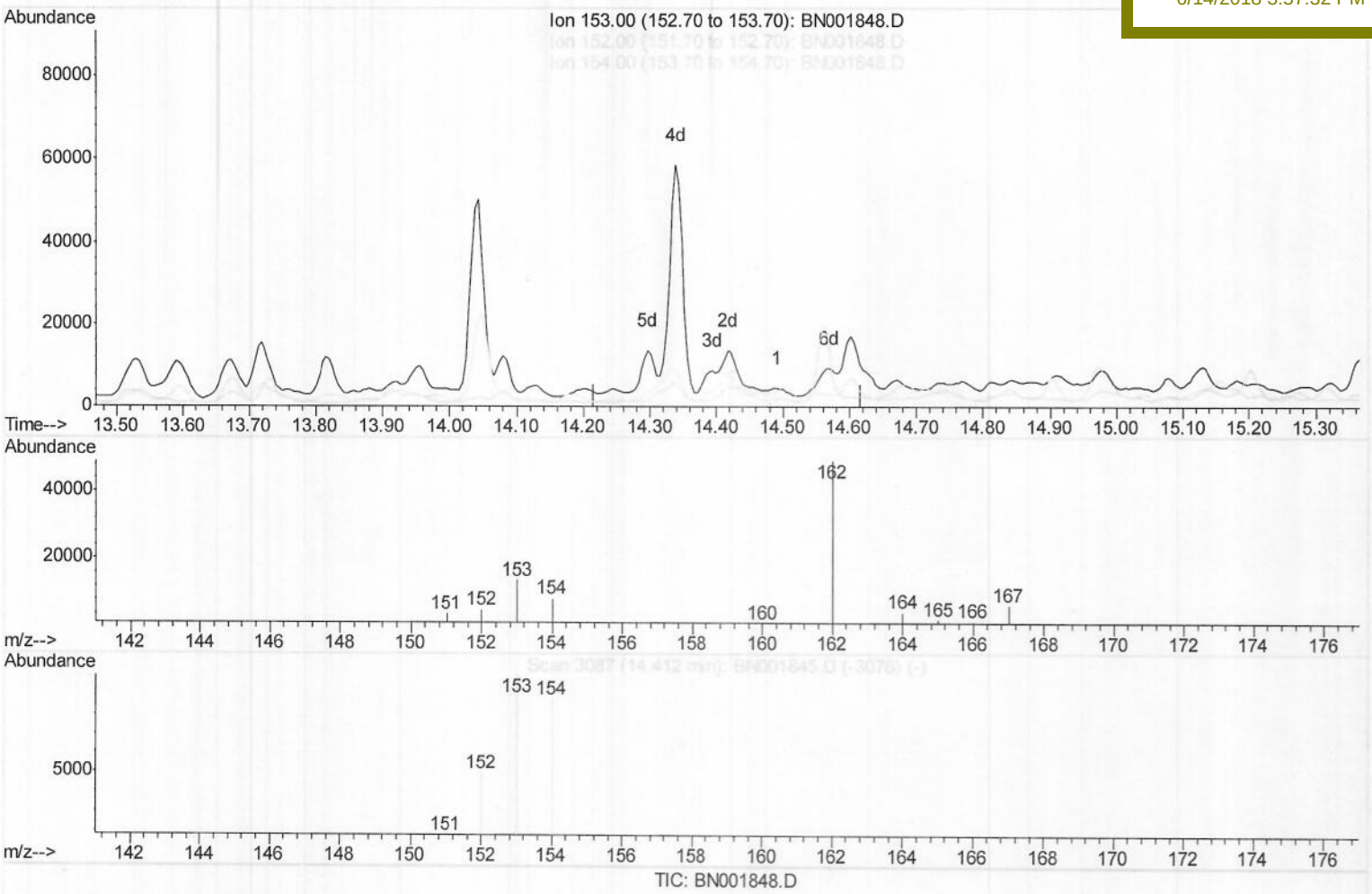
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
Operator : JU/SJ
Sample : J3375-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 18:41:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN061318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 18:19:19 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM



TIC: BN001848.D

(8) Acenaphthene (C)

14.417min (-14.417) 0.00ng/ul d

response 0

Ion	Exp%	Act%
153.00	100	0.00
152.00	45.00	0.00
154.00	90.00	0.00
0.00	0.00	0.00

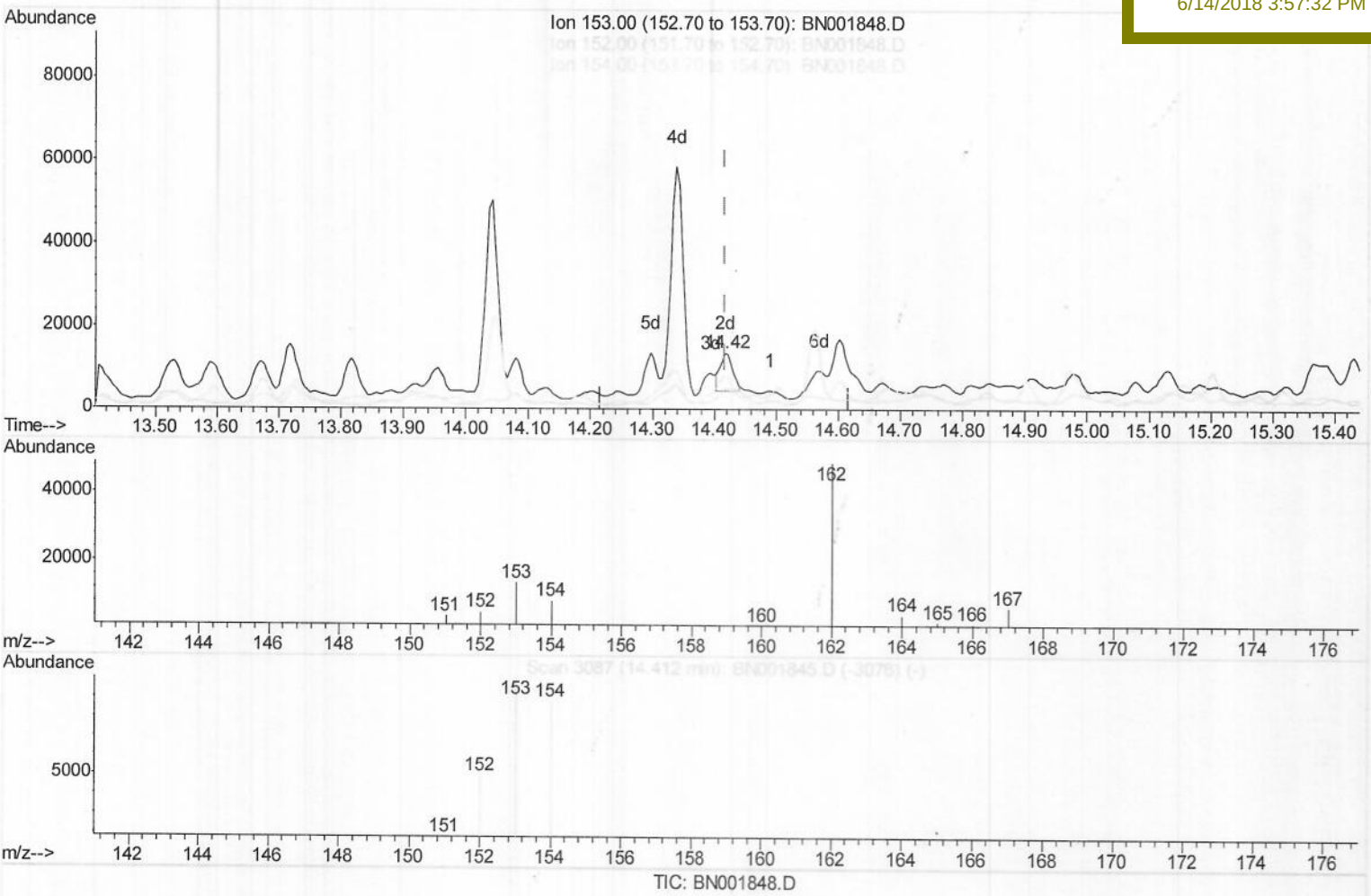
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
Operator : JU/SJ
Sample : J3375-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 18:41:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN061318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 18:19:19 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM



TIC: BN001848.D

(8) Acenaphthene (C)

14.417min (+0.000) 0.13ng/ul m) JU 06/18/18

response 12170

Ion	Exp%	Act%
153.00	100	100
152.00	45.00	36.49
154.00	90.00	59.87#
0.00	0.00	0.00

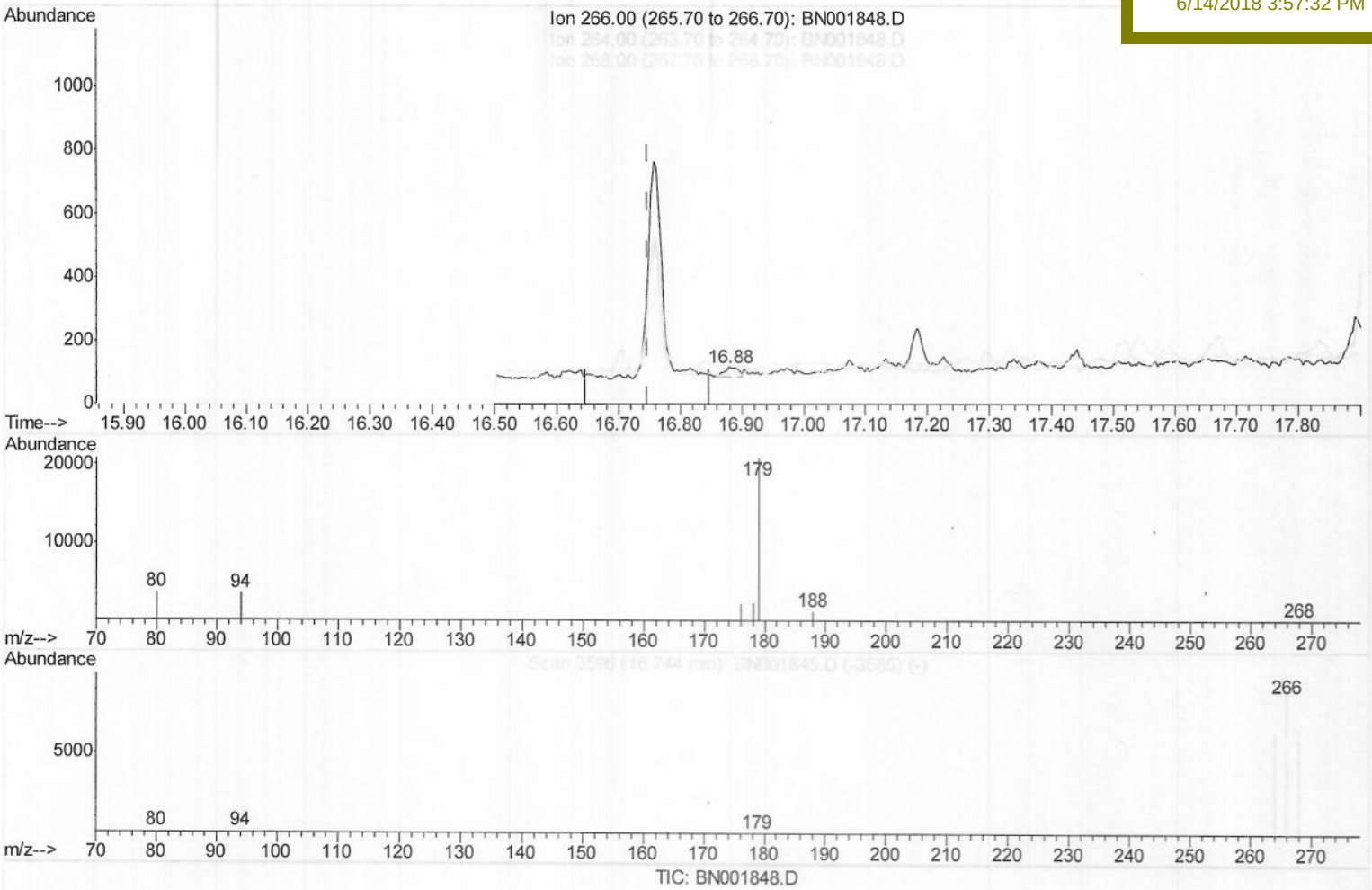
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
Operator : JU/SJ
Sample : J3375-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 18:41:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN061318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 18:19:19 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM



TIC: BN001848.D

(11) Pentachlorophenol

16.879min (+0.131) 0.01ng/ul

response 49

Ion	Exp%	Act%
266.00	100	100
264.00	59.90	0.00#
268.00	62.30	48.98#
0.00	0.00	0.00

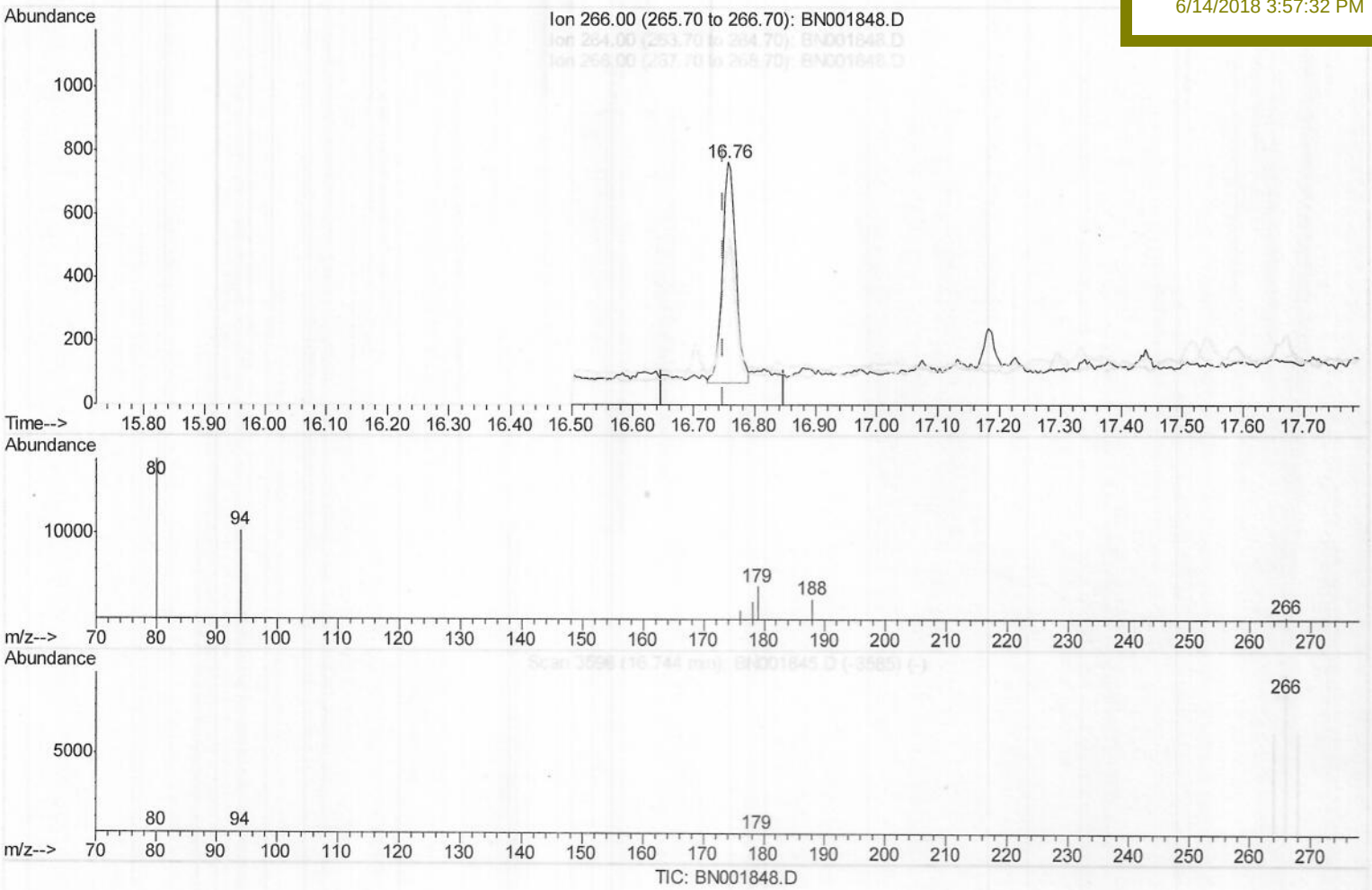
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
Operator : JU/SJ
Sample : J3375-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 18:41:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN061318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 18:19:19 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM



TIC: BN001848.D

(11) Pentachlorophenol

16.757min (+0.008) 0.11ng/ul m) JU 06/18/18

response 1066

Ion	Exp%	Act%
266.00	100	100
264.00	59.90	0.00#
268.00	62.30	2.25#
0.00	0.00	0.00

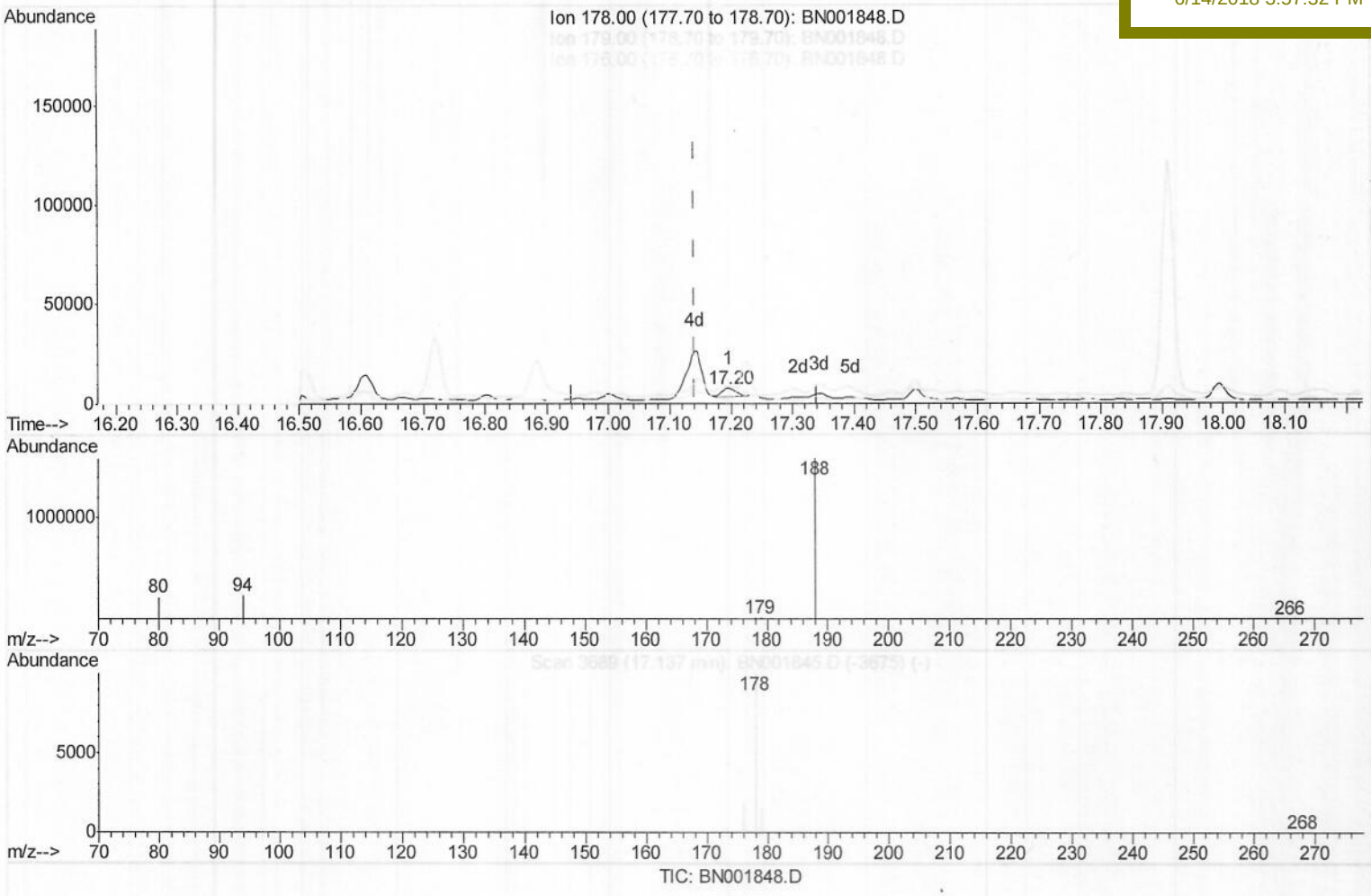
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
Operator : JU/SJ
Sample : J3375-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 18:41:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN061318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 18:19:19 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM



TIC: BN001848.D

(12) Phenanthrene

17.196min (+0.055) 0.05ng/ul

response 7102

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	111.50#
176.00	17.00	27.07#
0.00	0.00	0.00

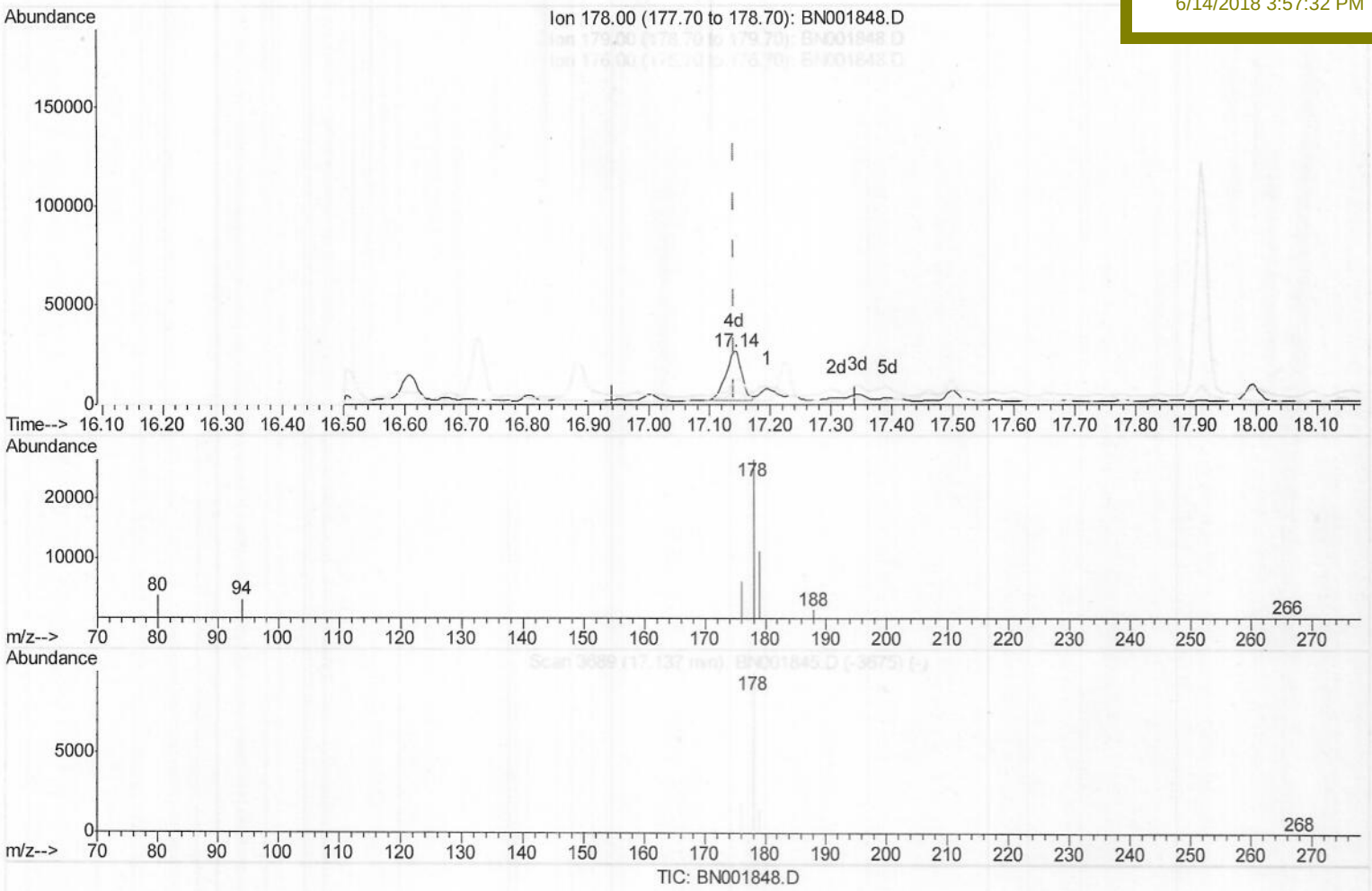
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
Operator : JU/SJ
Sample : J3375-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 18:41:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN061318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 18:19:19 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM



(12) Phenanthrene

17.141min (0.000) 0.30ng/ul m) JU06|18|18

response 45221

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	42.03#
176.00	17.00	23.63#
0.00	0.00	0.00

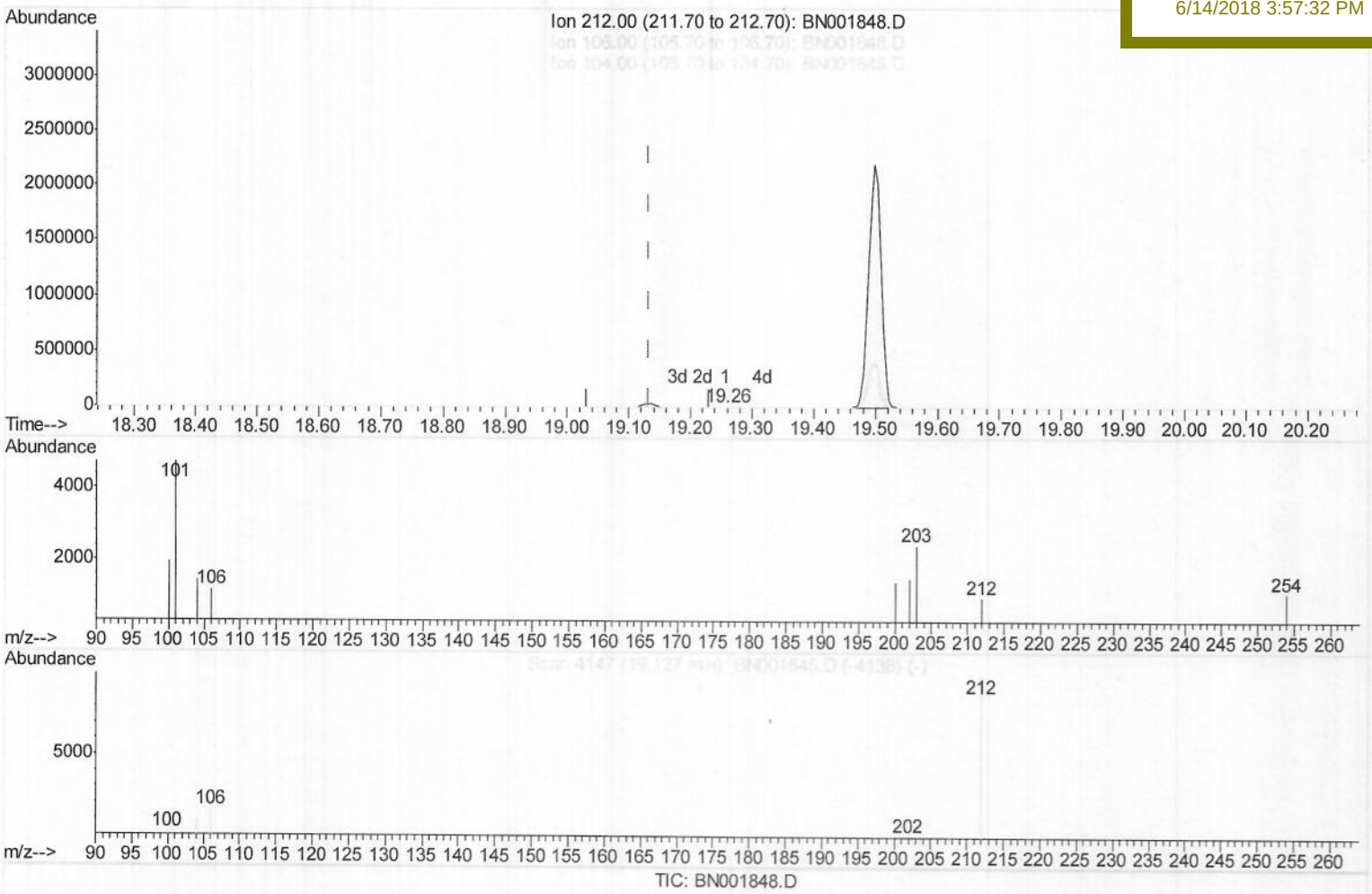
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
Operator : JU/SJ
Sample : J3375-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 18:41:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN061318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 18:19:19 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM



TIC: BN001848.D

(14) Fluoranthene-d10 (SURR)

19.257min (+0.126) 0.00ng/ul

response 215

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	189.77#
104.00	15.60	592.56#
0.00	0.00	0.00

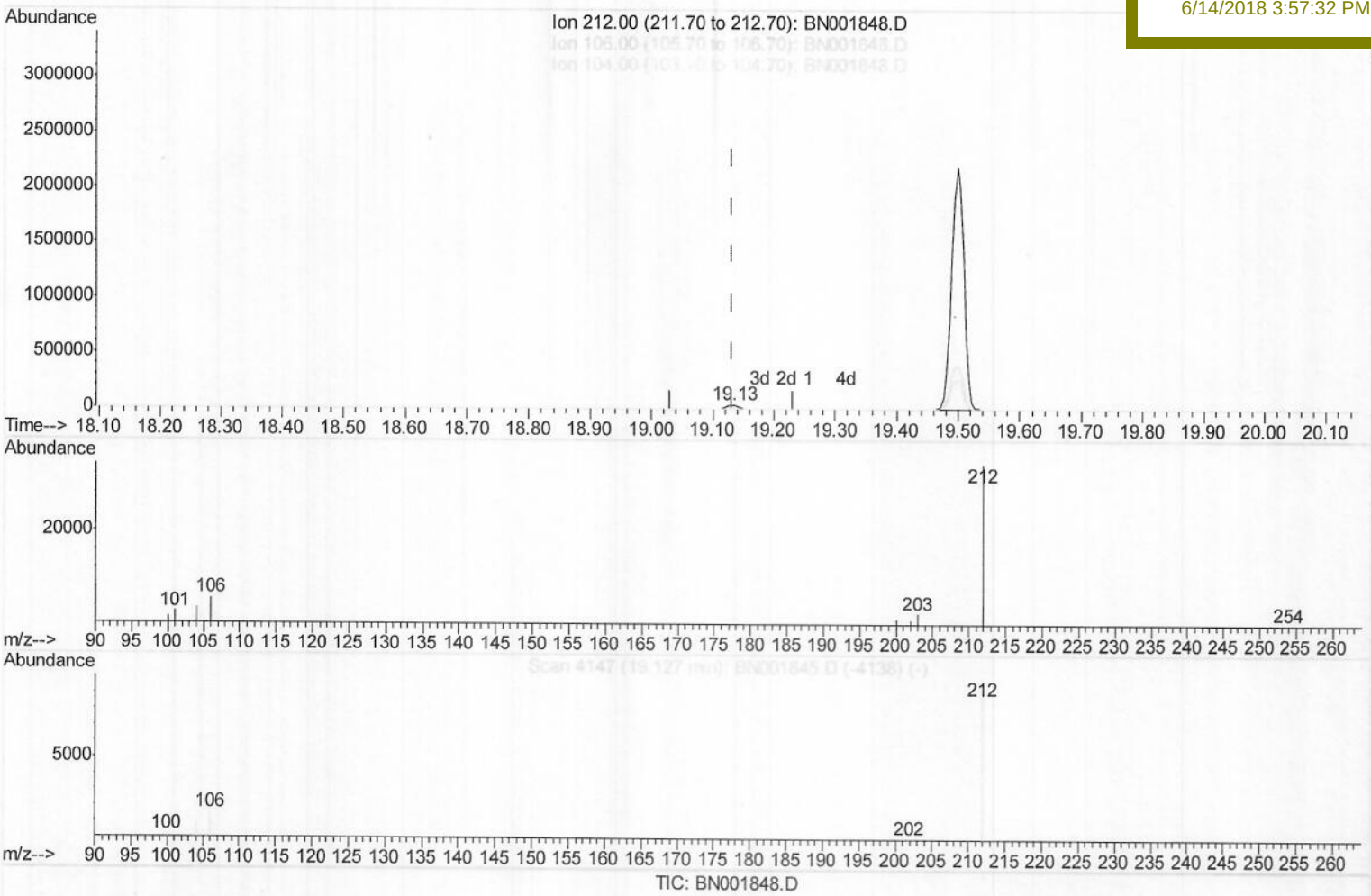
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
Operator : JU/SJ
Sample : J3375-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 18:41:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN061318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 18:19:19 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM



TIC: BN001848.D

(14) Fluoranthene-d10 (SURR)

19.132min (+0.000) 0.29ng/ul m JJU061818

response 43725

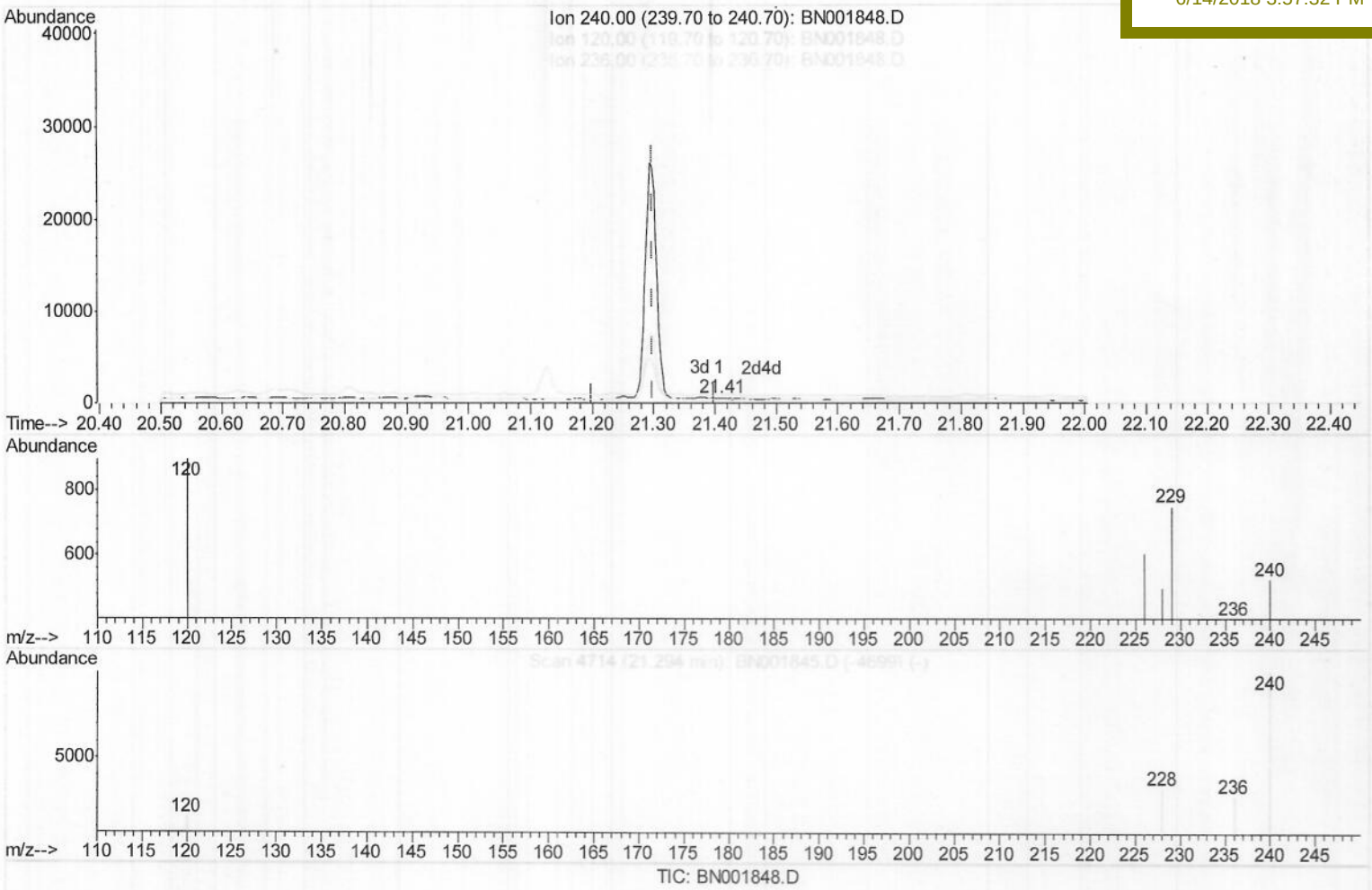
Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.93#
104.00	15.60	2.91#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
Operator : JU/SJ
Sample : J3375-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 18:41:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN061318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 18:19:19 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM



(16) Chrysene-d12 (I)

21.408min (+0.109) 0.40ng/ul

response 175

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	171.13#
236.00	34.90	76.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
Operator : JU/SJ
Sample : J3375-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 18:41:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN061318.M
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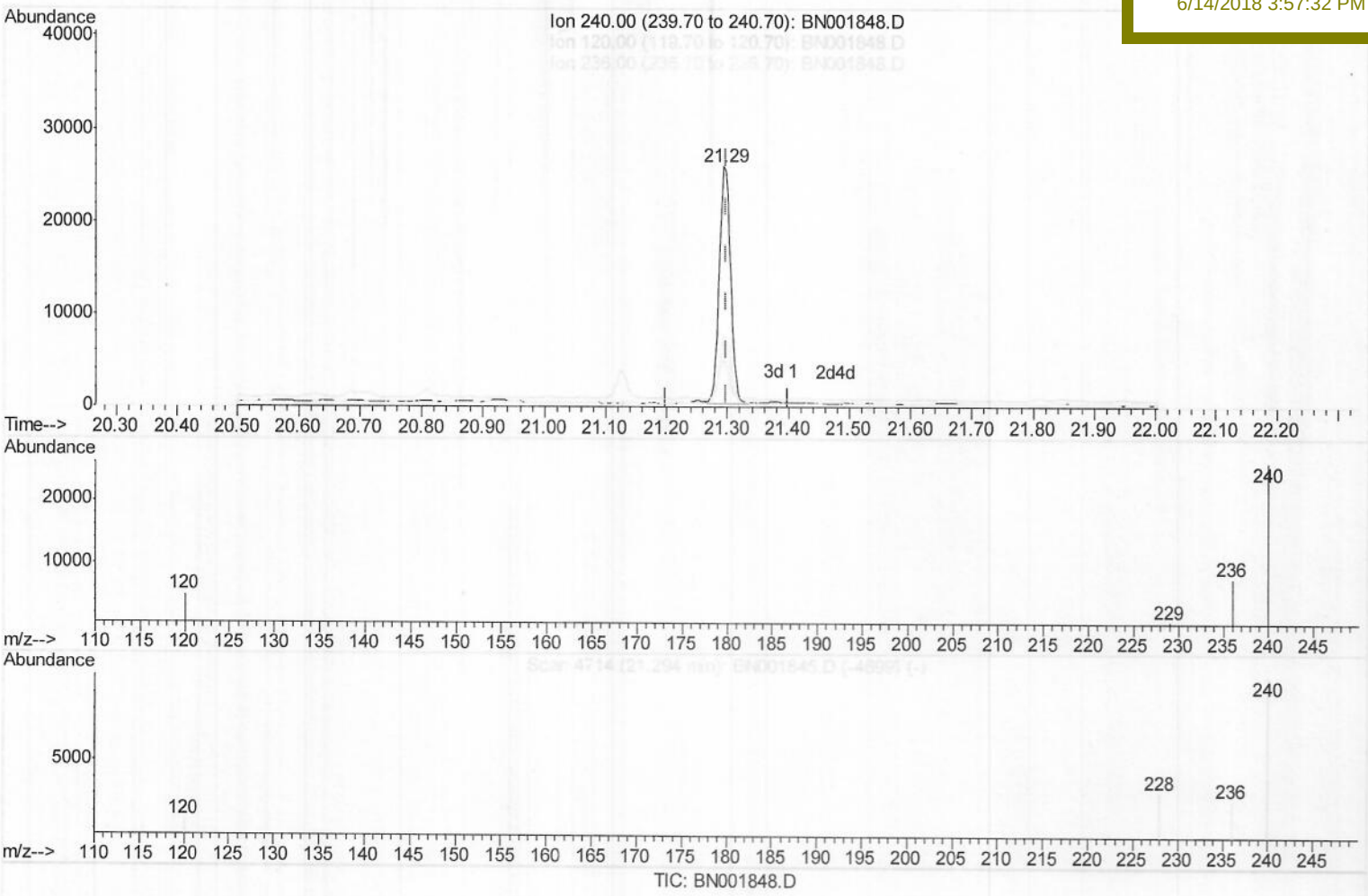
QLast Update : Wed Jun 13 18:19:19 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM



TIC: BN001848.D

(16) Chrysene-d12 (I)

21.294min (-0.005) 0.40ng/ul m JU 06/18/18

response 32921

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	18.97
236.00	34.90	29.19
0.00	0.00	0.00

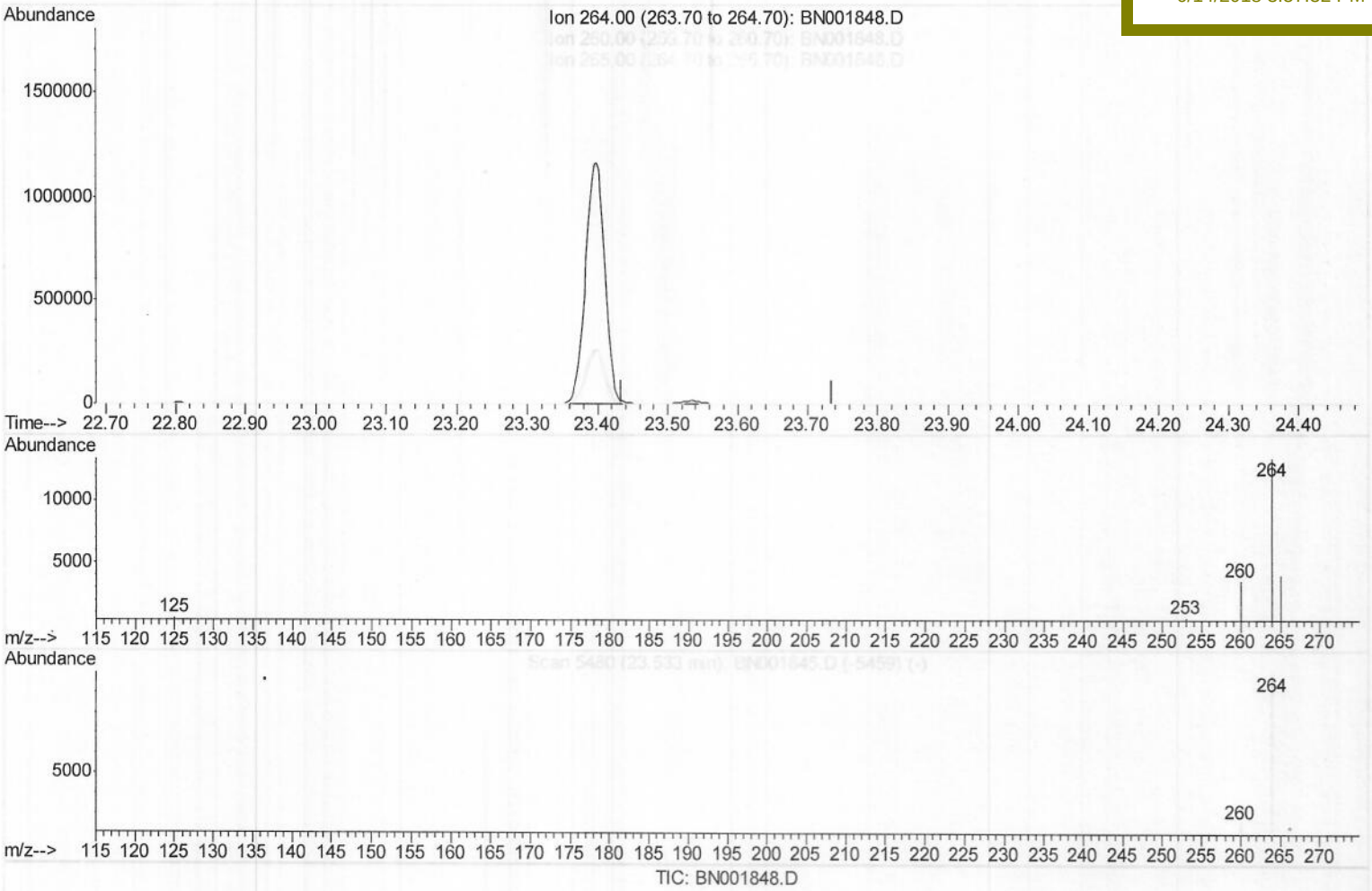
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
Operator : JU/SJ
Sample : J3375-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 18:44:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN061318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 18:19:19 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM



TIC: BN001848.D

(20) Perylene-d12 (I)

23.535min (-23.535) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	30.10	0.00#
265.00	103.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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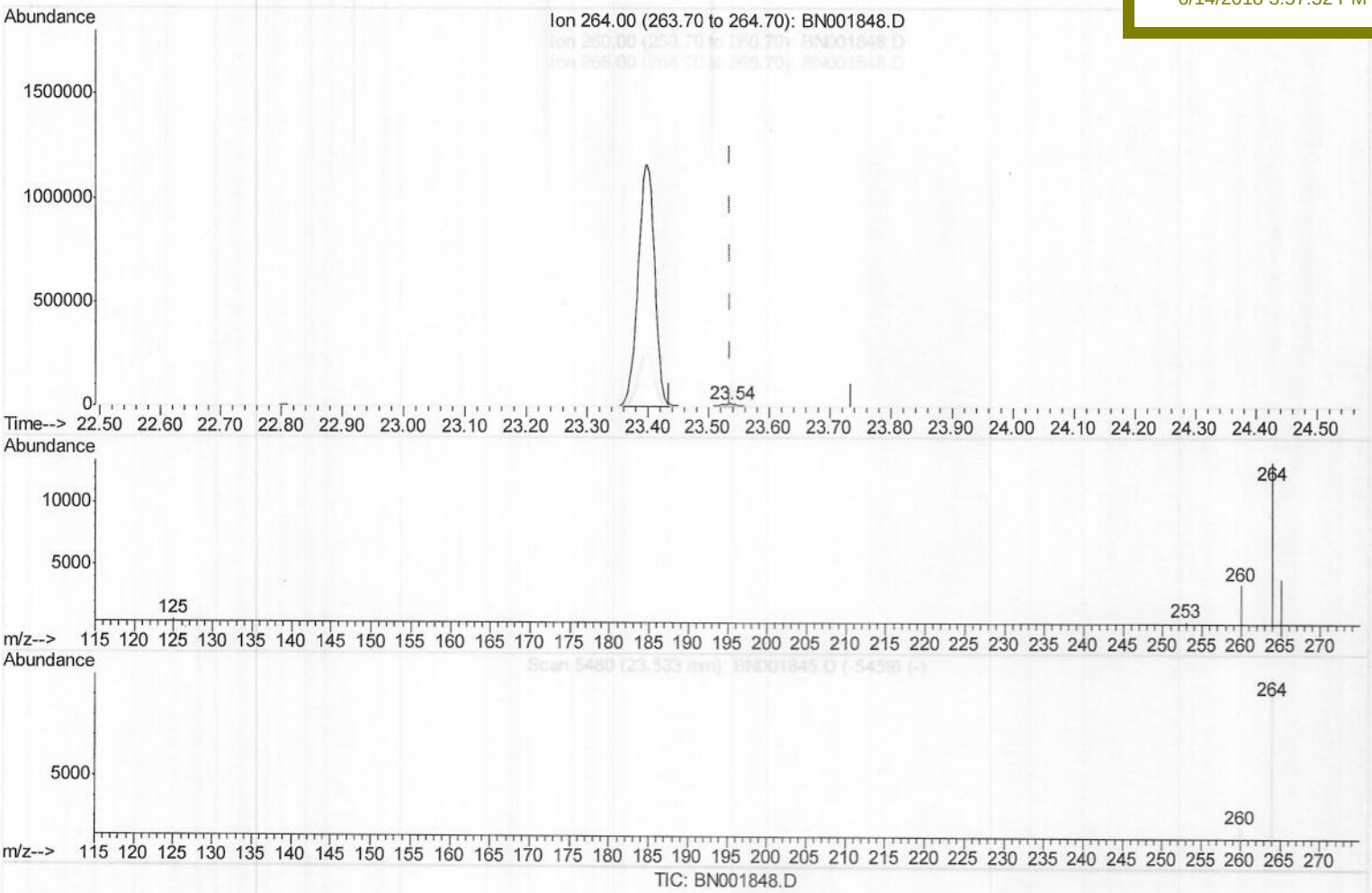
BNA_N
ClientSampleId :
DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM



TIC: BN001848.D

(20) Perylene-d12 (I)

23.536min (+0.001) 0.40ng/ul m JU 06/18/18

response 23380

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.57
265.00	103.50	30.12#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061318\
Data File : BN001848.D
Acq On : 13 Jun 2018 18:08
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Misc :
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ClientSampleId : DAWT0

Manual Integrations APPROVED
Sohil
6/14/2018 3:57:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	8449	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	40295	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	25317	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	50592m	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	32921m	0.40	ng/ul	0.00
20) Perylene-d12	23.54	264	23380m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	23493	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	43725m	0.29	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.55	128	977129	9.409	ng/ul	96
5) 2-Methylnaphthalene	12.17	142	200486	2.702	ng/ul	95
8) Acenaphthene	14.42	153	12170m	0.134	ng/ul	
9) Fluorene	15.41	166	31088	0.292	ng/ul#	83
11) Pentachlorophenol	16.76	266	1066m	0.111	ng/ul	
12) Phenanthrene	17.14	178	45221m	0.300	ng/ul	

JU 06/18/18

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