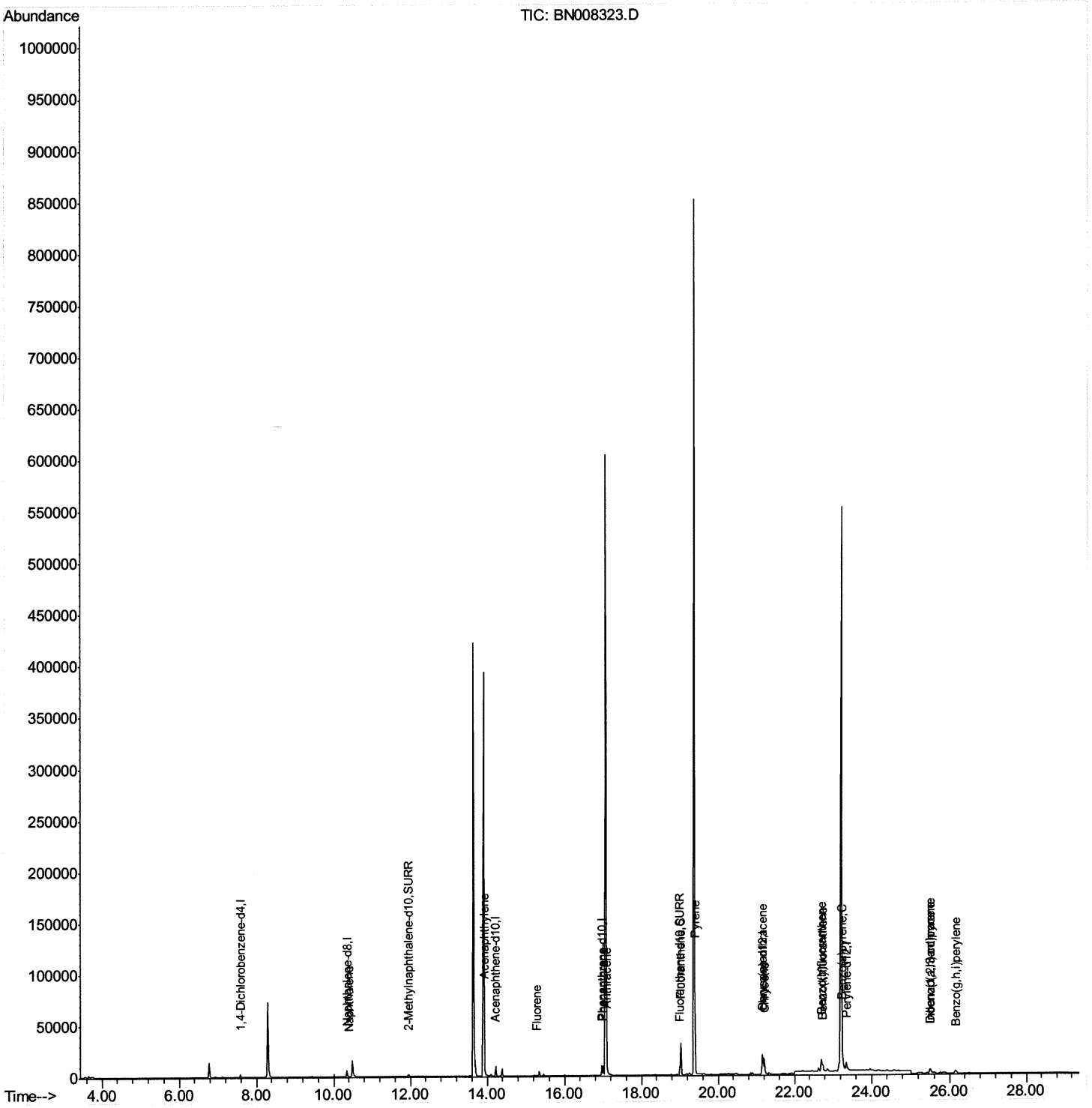
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008323.D
Acq On : 22 Oct 2019 20:10
Operator : JU
Sample : K5223-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 23 02:10:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPH3

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:27 AM



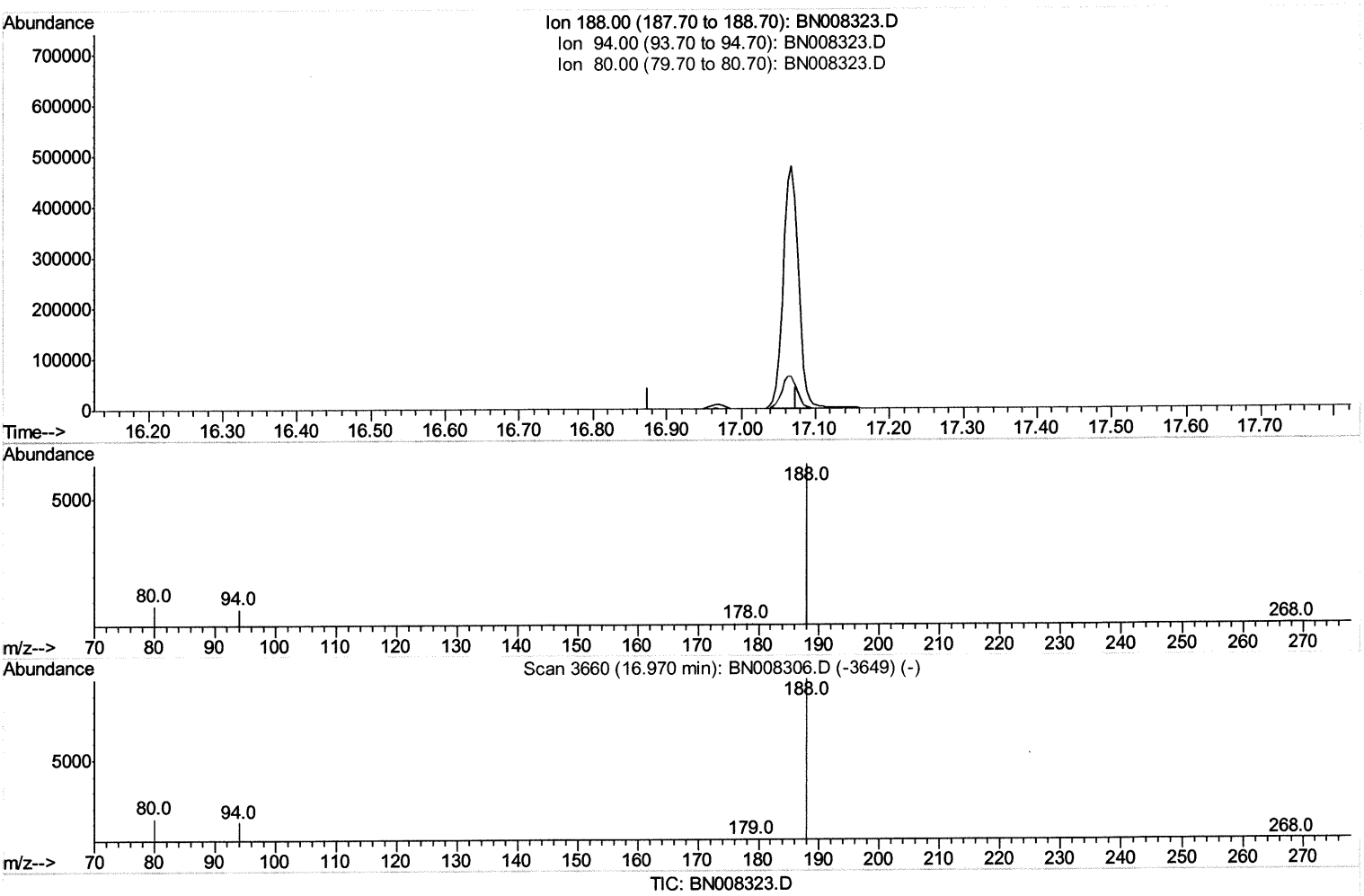
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008323.D
Acq On : 22 Oct 2019 20:10
Operator : JU
Sample : K5223-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 23 01:05:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPH3

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:27 AM



(10) Phenanthrene-d10 (I)

16.975min (-16.975) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.90	0.00#
80.00	12.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008323.D
Acq On : 22 Oct 2019 20:10
Operator : JU
Sample : K5223-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 23 01:05:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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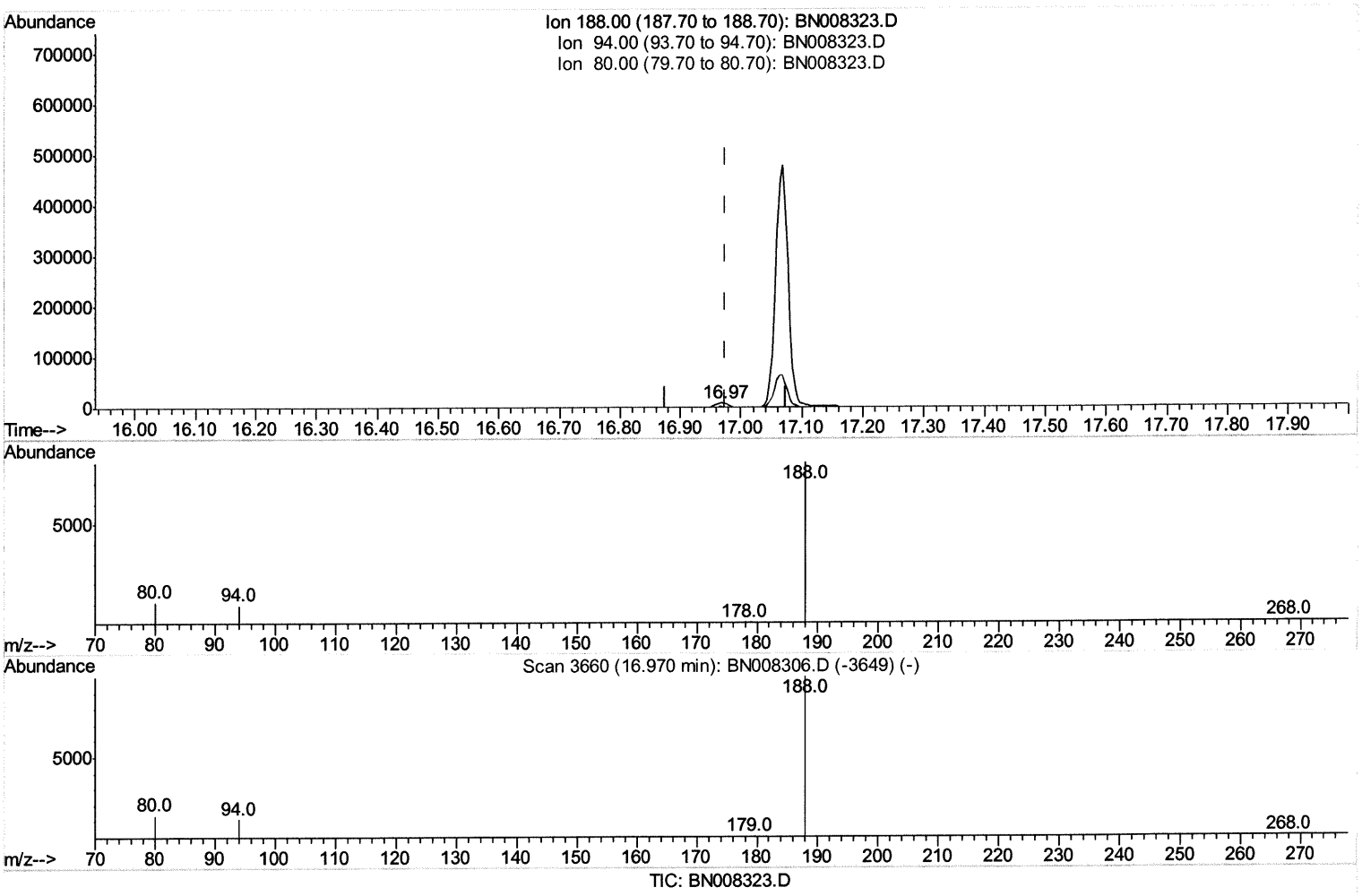
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPH3

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:27 AM



TIC: BN008323.D

(10) Phenanthrene-d10 (I)

16.971min (-0.004) 0.40ng/ul m JU 10.23.19

response 11330

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.66
80.00	12.60	13.82
0.00	0.00	0.00

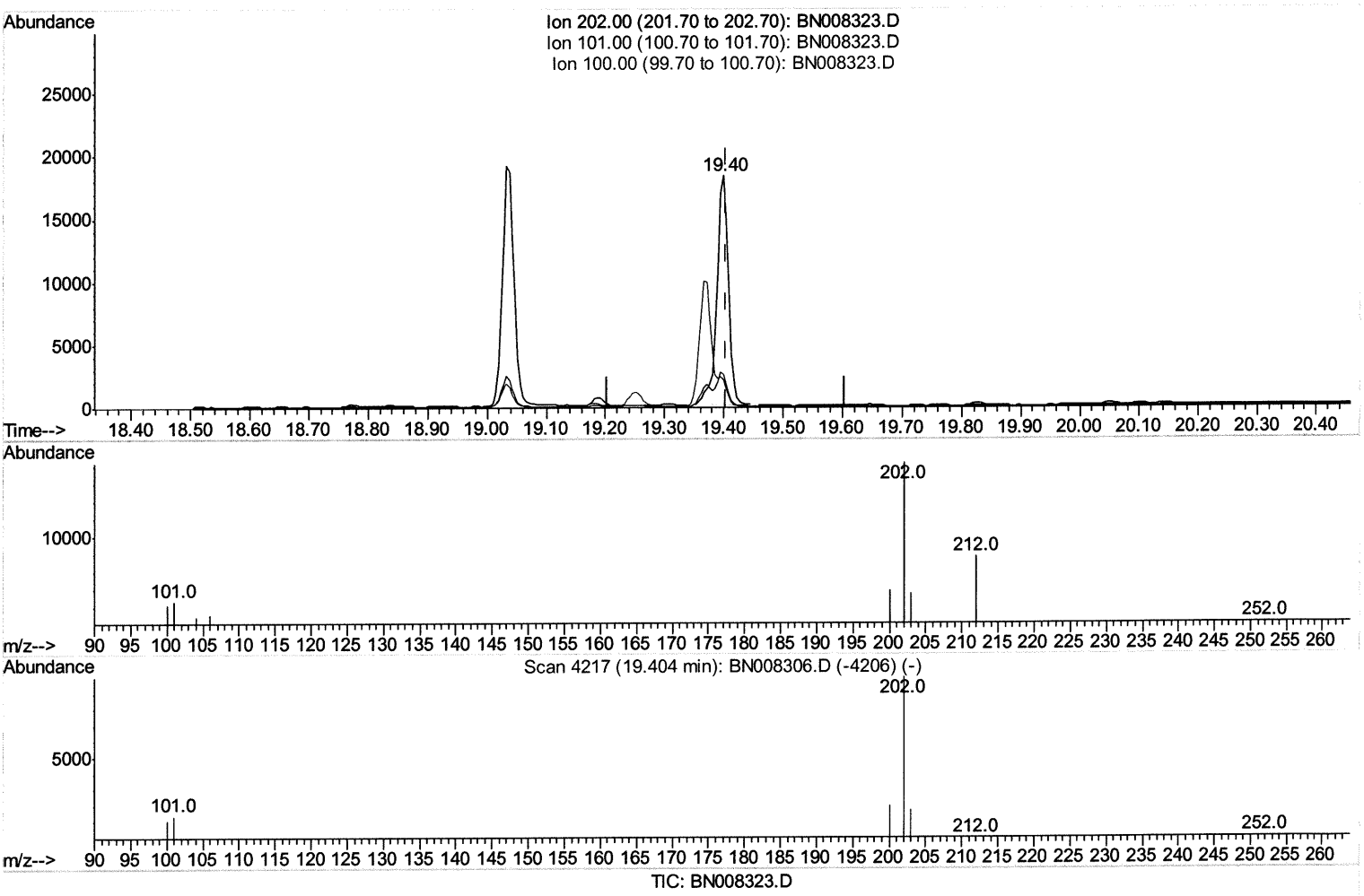
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008323.D
Acq On : 22 Oct 2019 20:10
Operator : JU
Sample : K5223-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 23 02:08:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPH3

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:27 AM



TIC: BN008323.D

(17) Pyrene

19.400min (-0.005) 0.59ng/ul

response 25309

Ion	Exp%	Act%
202.00	100	100
101.00	13.60	14.13
100.00	10.90	12.04
0.00	0.00	0.00

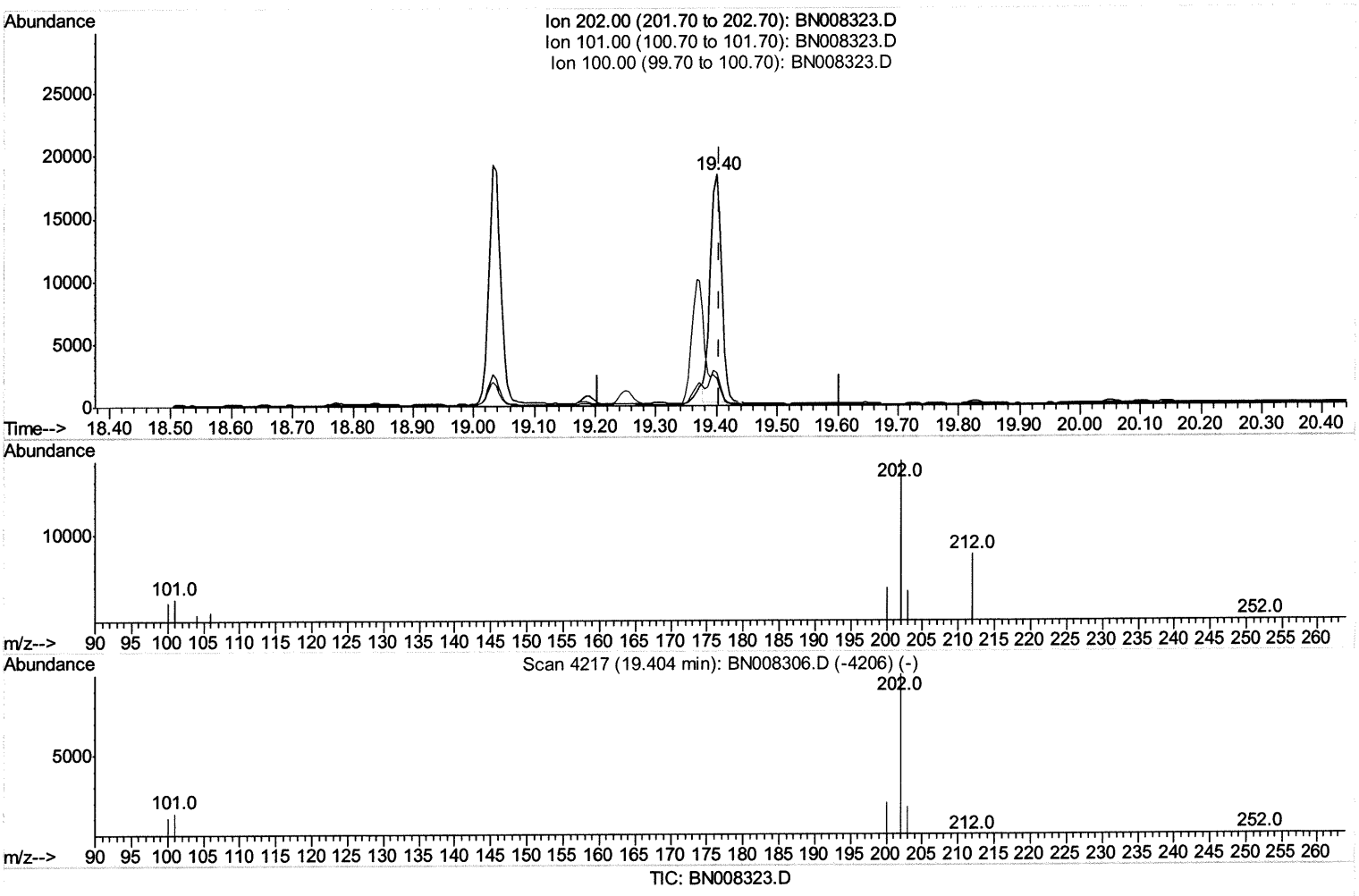
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008323.D
Acq On : 22 Oct 2019 20:10
Operator : JU
Sample : K5223-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 23 02:08:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPH3

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:27 AM



(17) Pyrene

19.400min (-0.005) 0.55ng/ul m JU 10.23.19

response 23473

Ion	Exp%	Act%
202.00	100	100
101.00	13.60	14.13
100.00	10.90	12.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008323.D
Acq On : 22 Oct 2019 20:10
Operator : JU
Sample : K5223-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 23 02:08:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPH3

Manual Integrations APPROVED
mohammad
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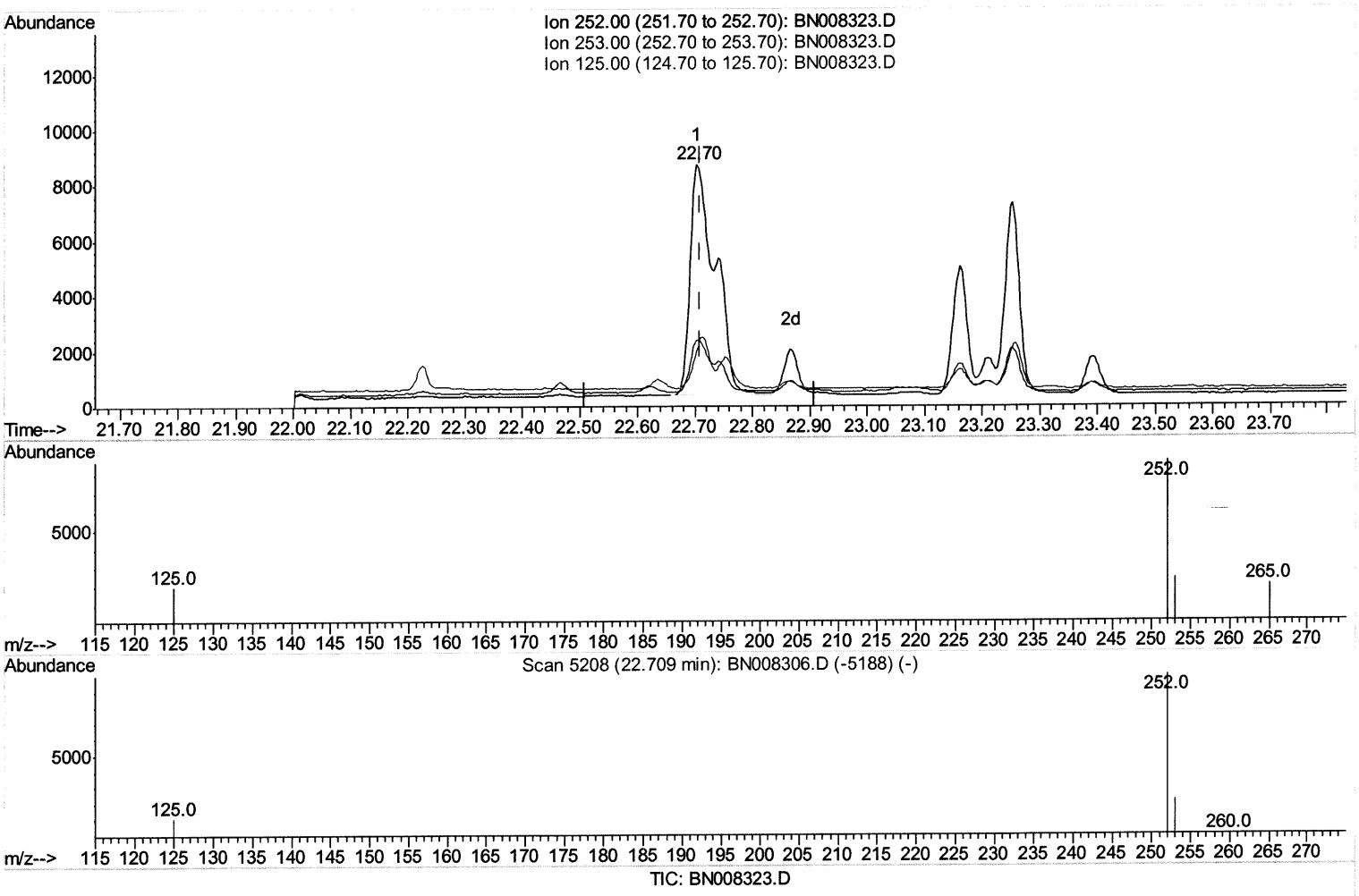


TIC: BN008323.D

(21) Benzo(b)fluoranthene

22.703min (-0.006) 0.82ng/ul

response 25845

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	27.48
125.00	16.20	22.58
0.00	0.00	0.00

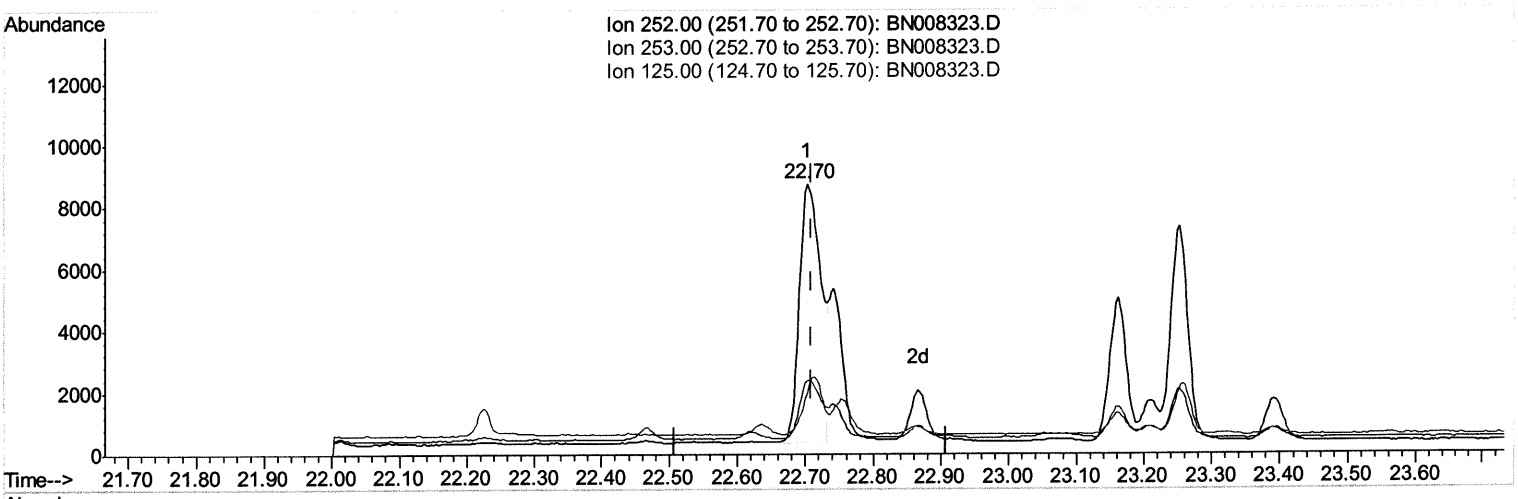
Quantitation Report (Qedit)

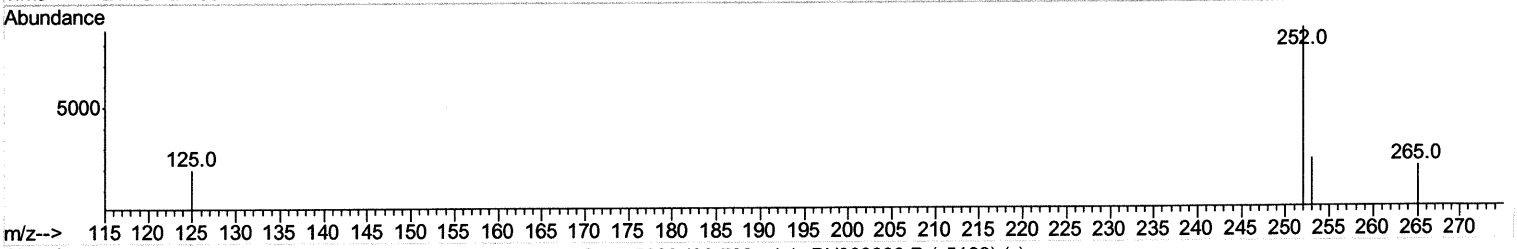
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008323.D
Acq On : 22 Oct 2019 20:10
Operator : JU
Sample : K5223-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

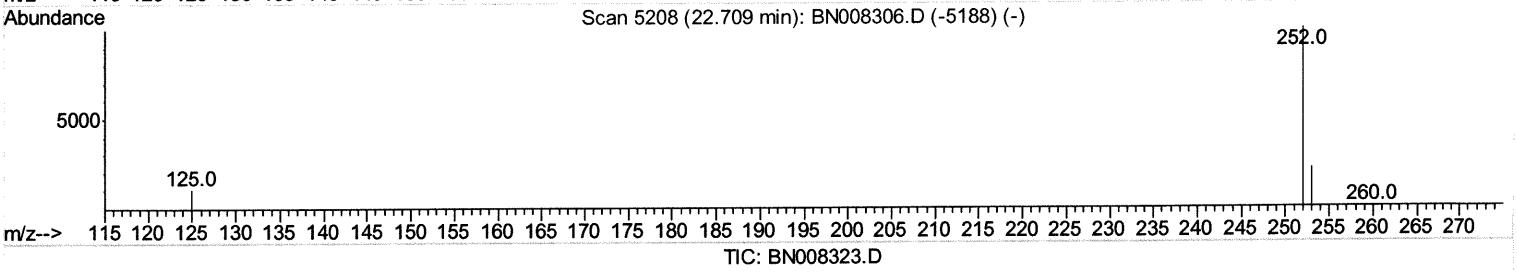
Quant Time: Oct 23 02:08:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPH3

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:27 AM







TIC: BN008323.D

(21) Benzo(b)fluoranthene

22.703min (-0.006) 0.58ng/ul m JU 10.23.19

response 18453

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	27.48
125.00	16.20	22.58
0.00	0.00	0.00

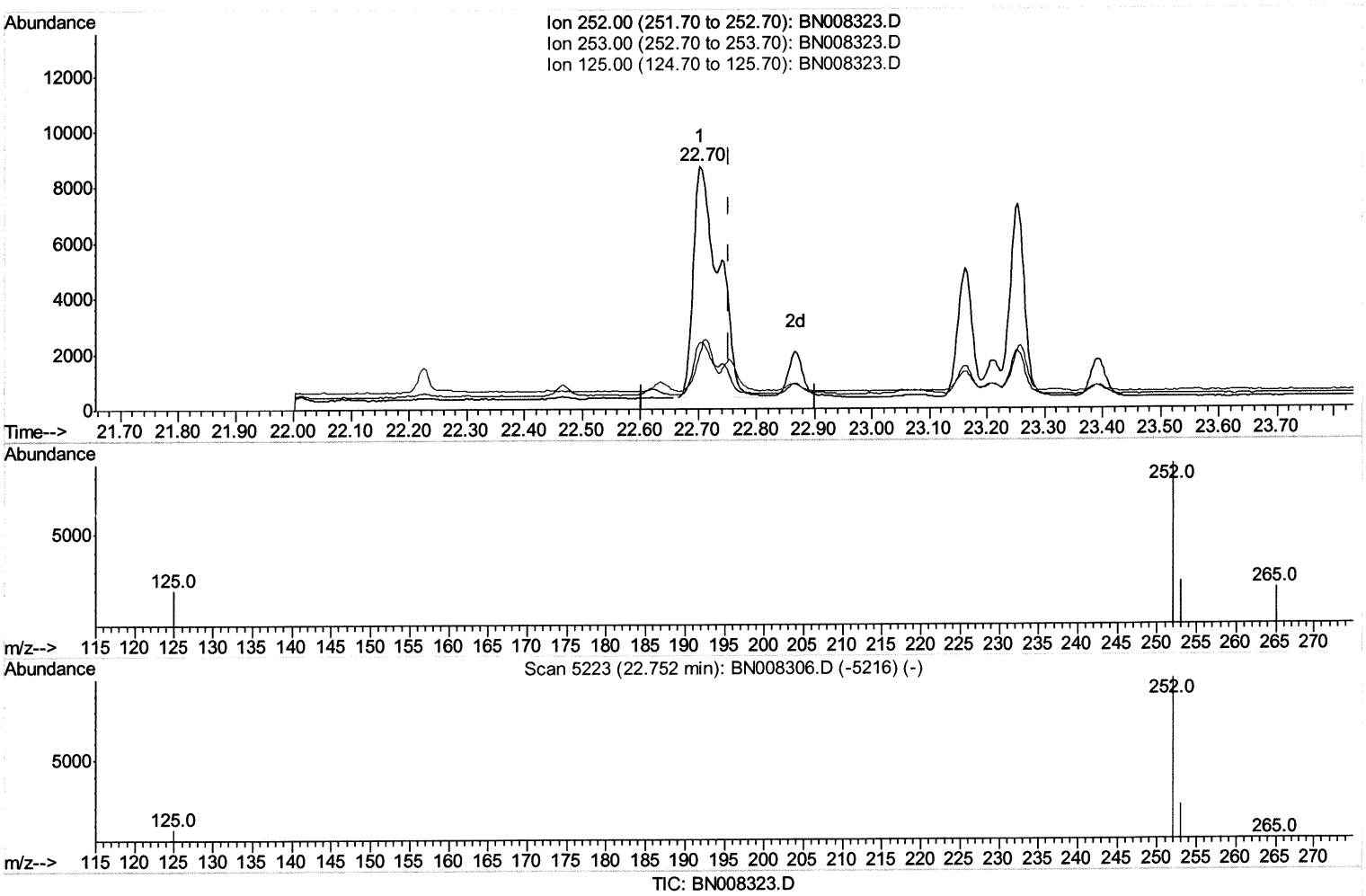
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008323.D
Acq On : 22 Oct 2019 20:10
Operator : JU
Sample : K5223-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 23 02:08:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPH3

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:27 AM



TIC: BN008323.D

(22) Benzo(k)fluoranthene

22.703min (-0.050) 0.72ng/ul

response 25845

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.48
125.00	15.40	22.58#
0.00	0.00	0.00

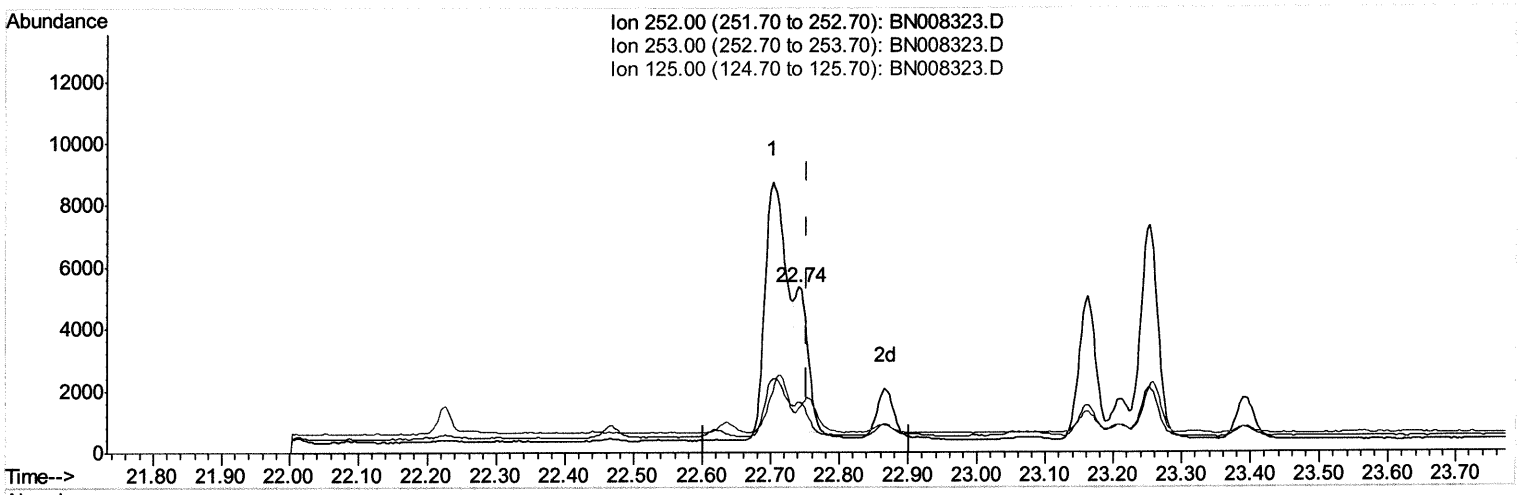
Quantitation Report (Qedit)

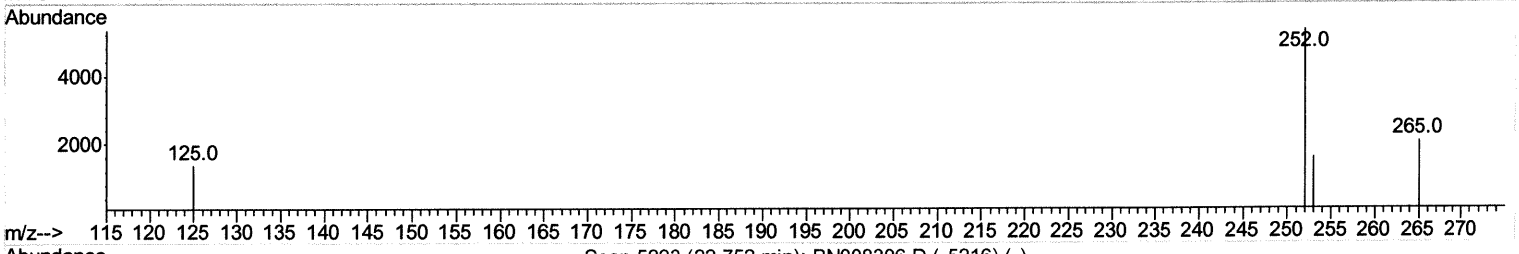
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008323.D
Acq On : 22 Oct 2019 20:10
Operator : JU
Sample : K5223-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

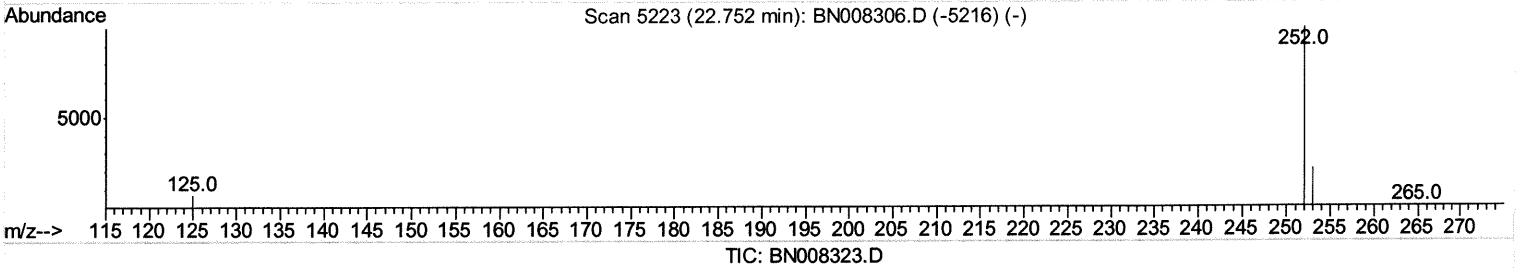
Quant Time: Oct 23 02:08:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPH3

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:27 AM







TIC: BN008323.D

(22) Benzo(k)fluoranthene

22.741min (-0.012) 0.18ng/ul m JR 10.23.19

response 6272

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	30.24
125.00	15.40	26.39#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008323.D
Acq On : 22 Oct 2019 20:10
Operator : JU
Sample : K5223-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPH3

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:27 AM

Quant Time: Oct 23 02:10:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1657	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8241	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5205	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11330m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	10795	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9693	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3116	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	9854	0.25	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	547	0.023	ng/ul#	68
7) Acenaphthylene	13.94	152	1384	0.056	ng/ul#	81
9) Fluorene	15.27	166	501	0.023	ng/ul#	91
12) Phenanthrene	17.01	178	10363	0.312	ng/ul	100
13) Anthracene	17.10	178	2280	0.078	ng/ul#	93
15) Fluoranthene	19.03	202	26393	0.602	ng/ul	96
17) Pyrene	19.40	202	23473m	0.546	ng/ul	
18) Benzo(a)anthracene	21.16	228	15082	0.384	ng/ul	96
19) Chrysene	21.21	228	16935	0.352	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	18453m	0.585	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	6272m	0.175	ng/ul	
23) Benzo(a)pyrene	23.25	252	12349	0.372	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.50	276	7767	0.199	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.50	278	2179	0.070	ng/ul#	64
26) Benzo(g,h,i)perylene	26.15	276	5648	0.157	ng/ul#	90

JU 10.23.19

JU 10.23.19

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