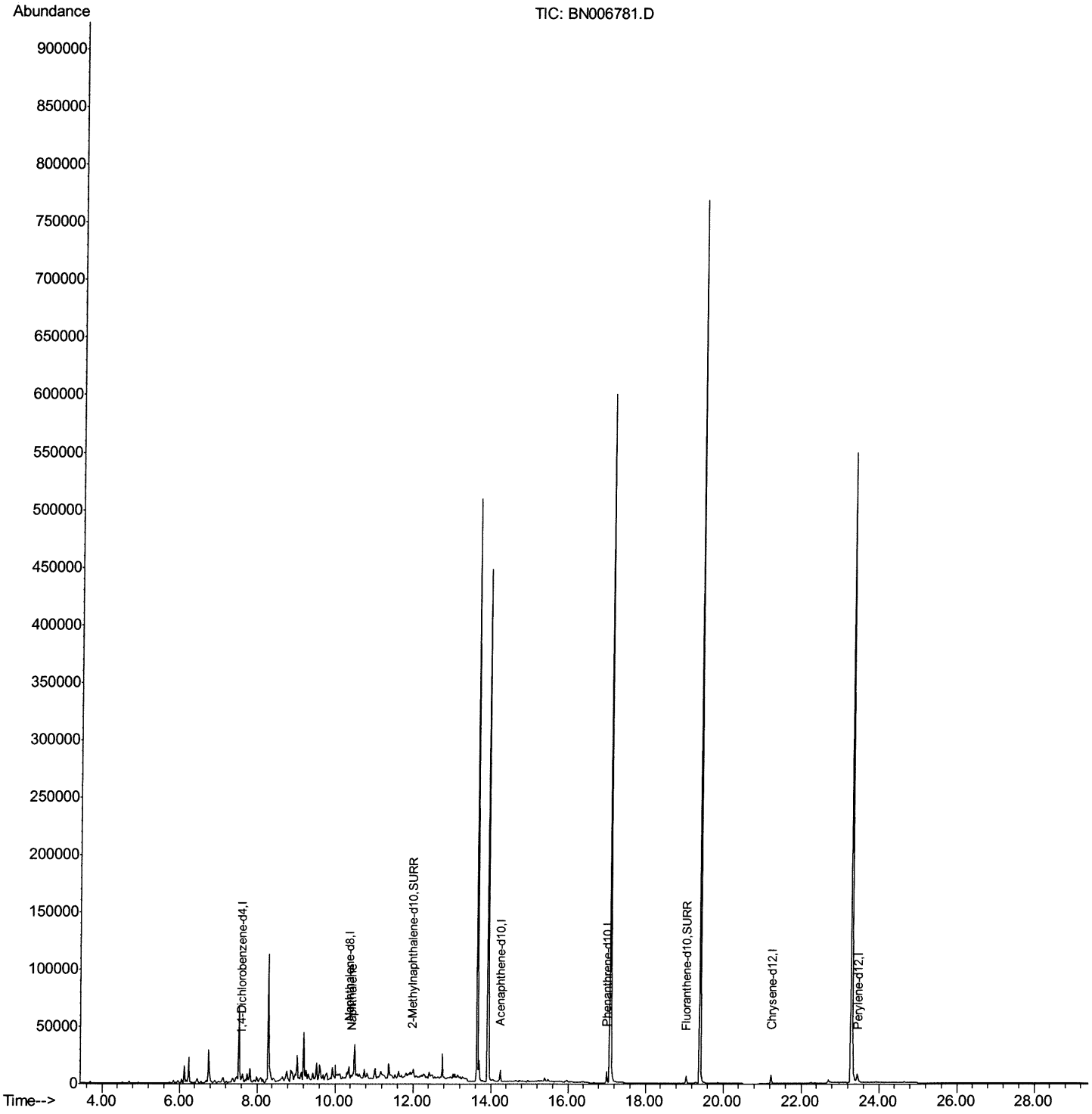
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006781.D
Acq On : 10 Jul 2019 21:44
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 11 03:51:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJF9

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:50 AM



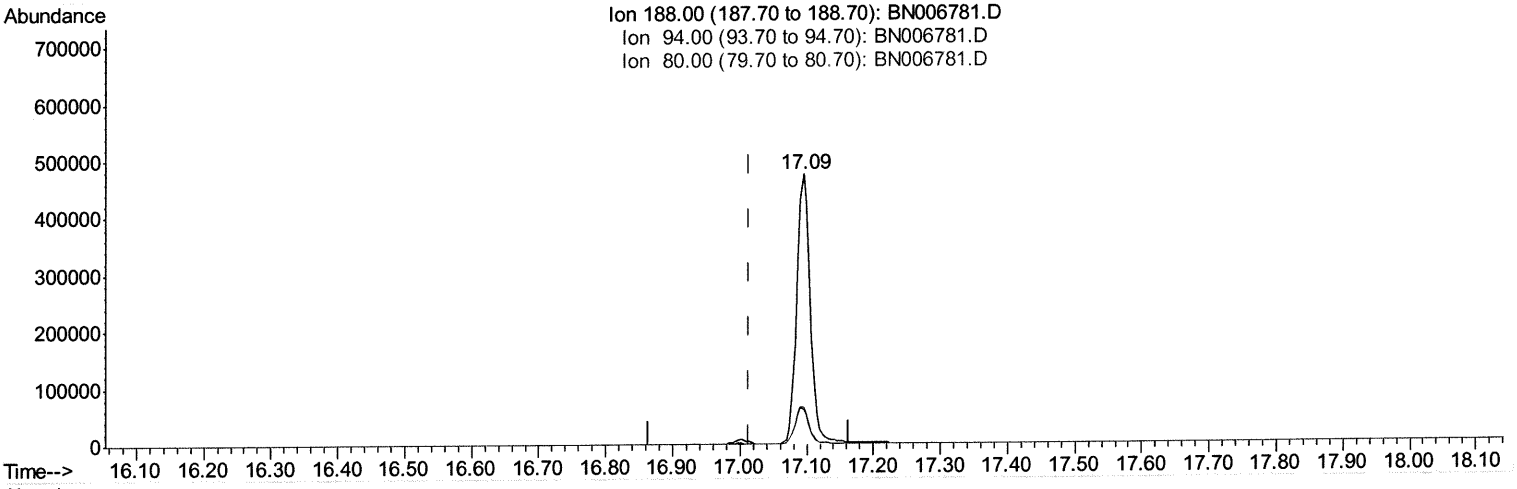
Quantitation Report (Qedit)

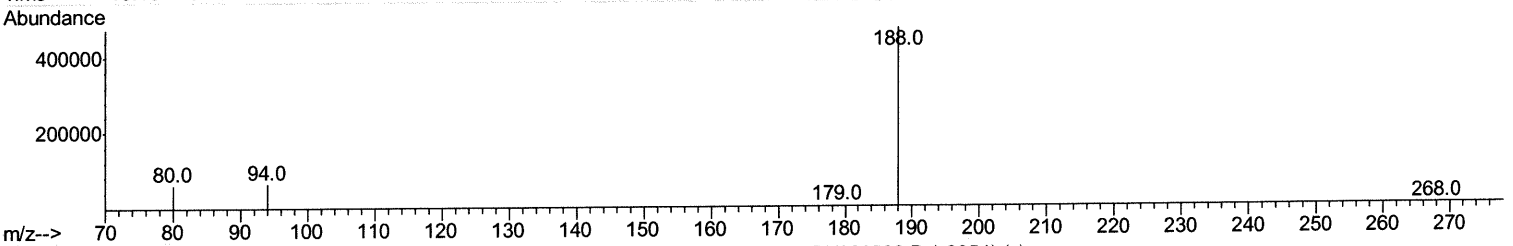
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006781.D
Acq On : 10 Jul 2019 21:44
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

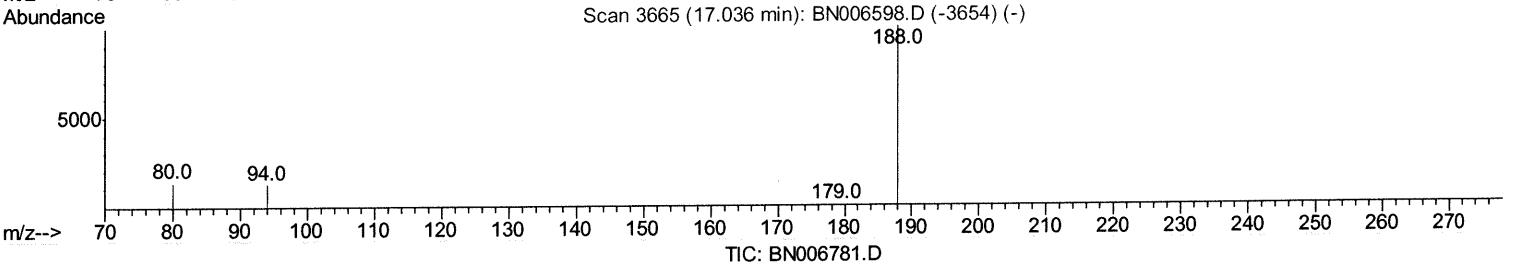
Quant Time: Jul 11 03:46:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJF9

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:50 AM







TIC: BN006781.D

(10) Phenanthrene-d10 (I)

17.094min (+0.080) 0.40ng/ul

response 671030

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.64
80.00	14.80	12.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
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Acq On : 10 Jul 2019 21:44
Operator : HP/JU
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Quant Time: Jul 11 03:46:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 11 02:31:55 2019
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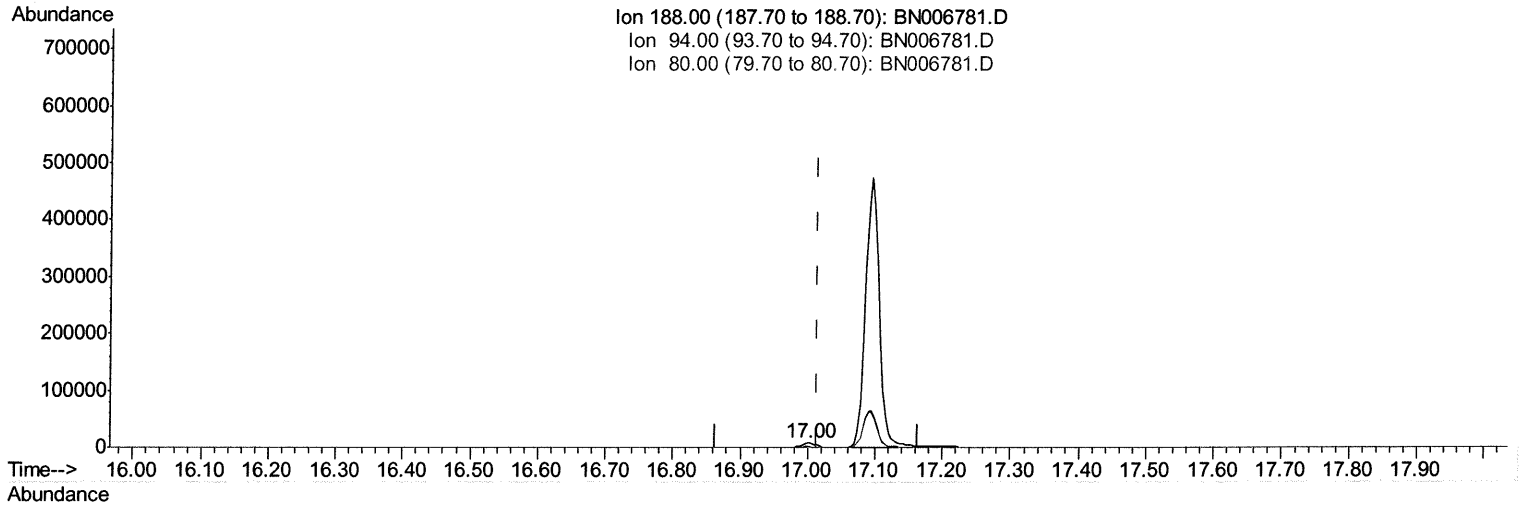
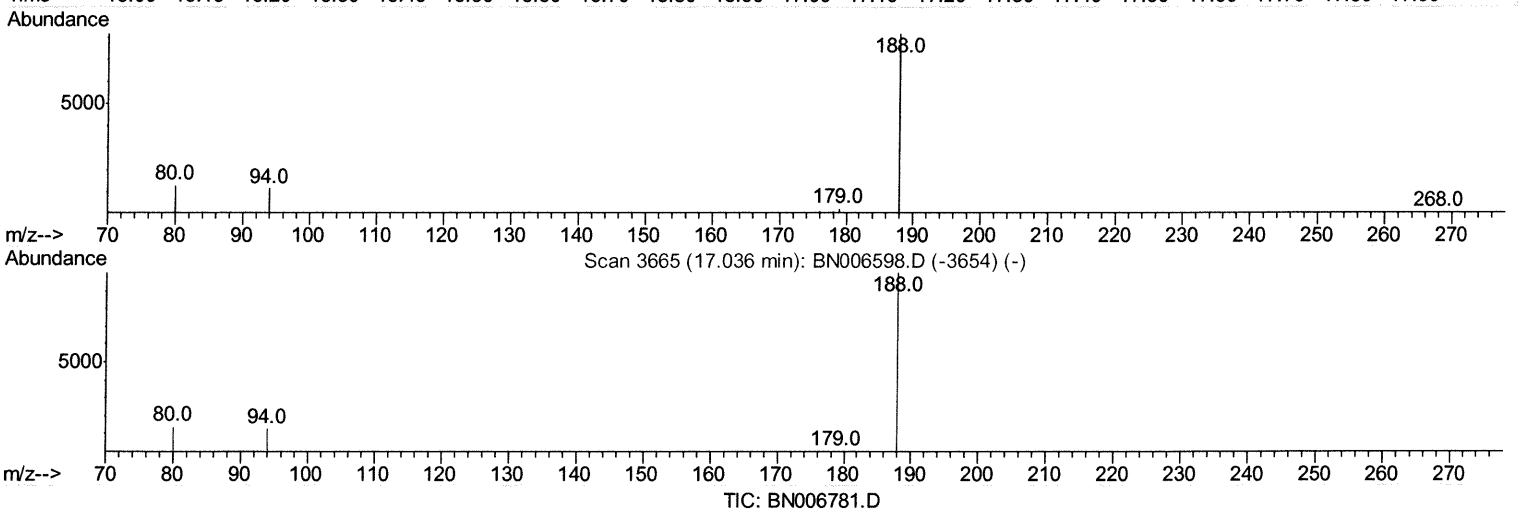
Instrument :
BNA_N
ClientSampleId :
JLJF9

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:50 AM





(10) Phenanthrene-d10 (I)

17.002min (-0.013) 0.40ng/ul m JU 07/11/19

response 11174

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	14.21
80.00	14.80	15.83
0.00	0.00	0.00

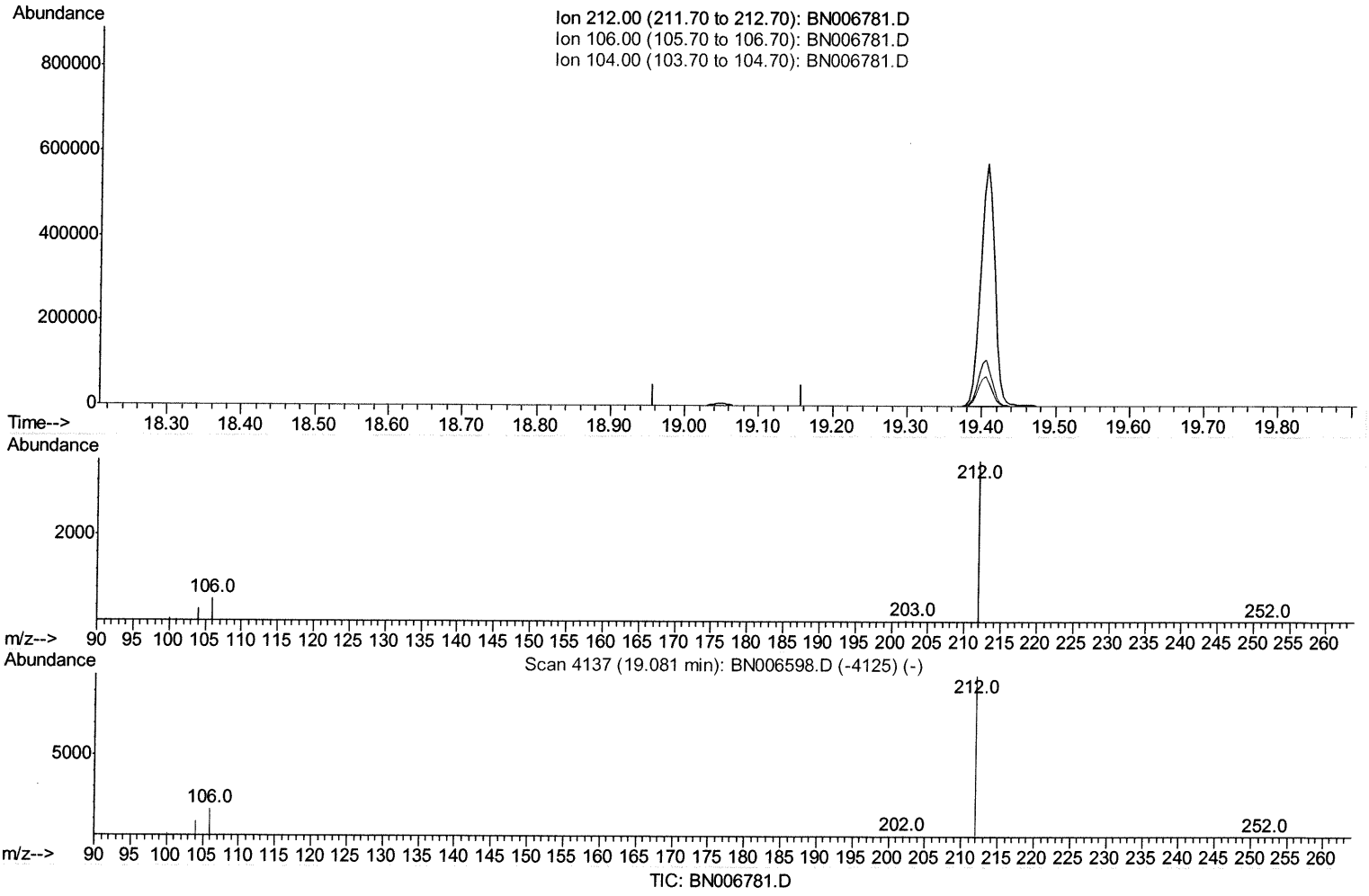
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006781.D
Acq On : 10 Jul 2019 21:44
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 11 03:48:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJF9

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:50 AM



(14) Fluoranthene-d10 (SURR)

19.058min (-19.058) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	17.80	0.00#
104.00	9.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006781.D
Acq On : 10 Jul 2019 21:44
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 11 03:48:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJF9

Manual Integrations APPROVED
mohammad
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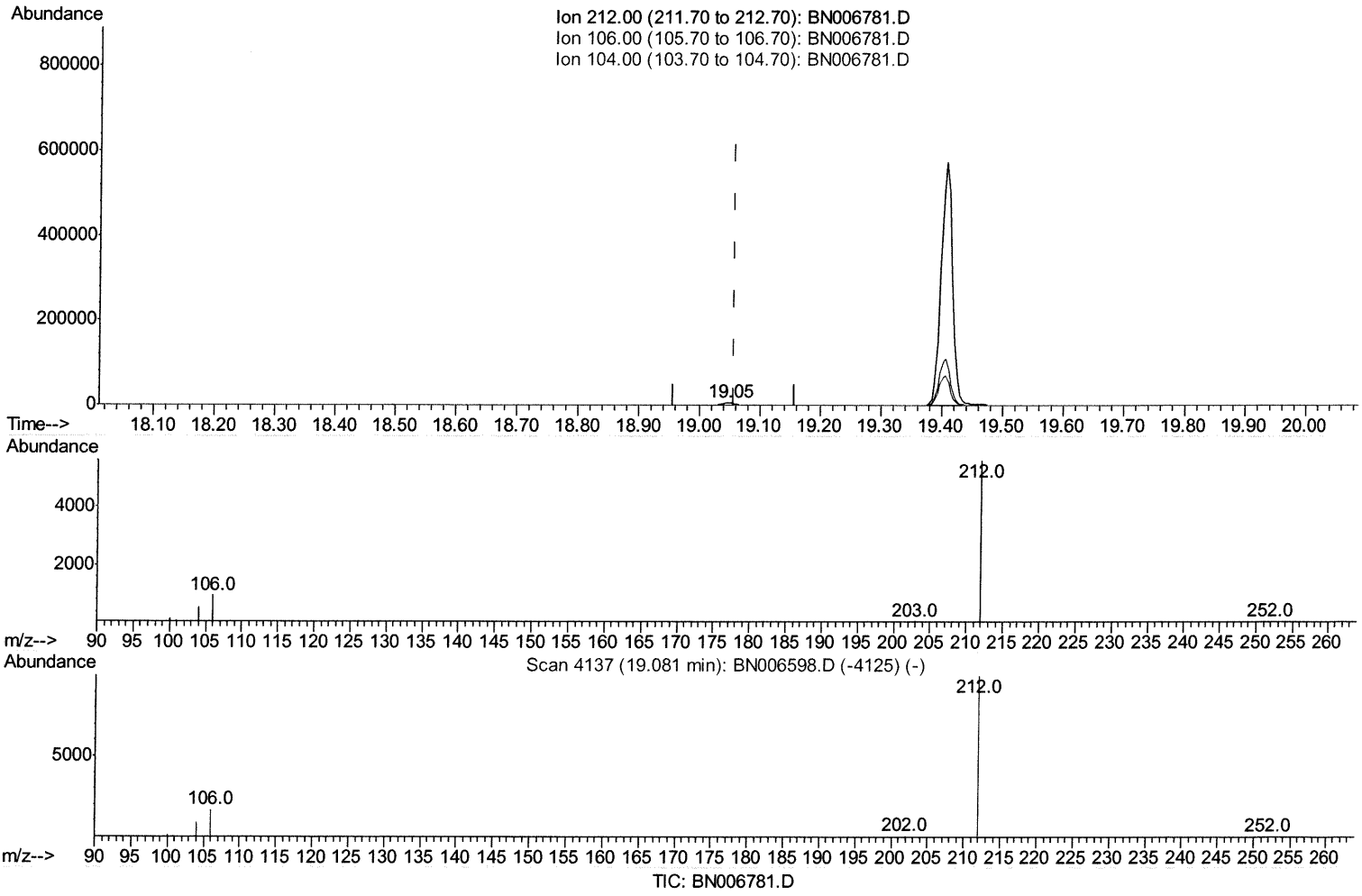


(14) Fluoranthene-d10 (SURR)

19.048min (-0.009) 0.25ng/ul m JU 07/11/19

response 8217

Ion	Exp%	Act%
212.00	100	100
106.00	17.80	0.00#
104.00	9.70	0.00#
0.00	0.00	0.00

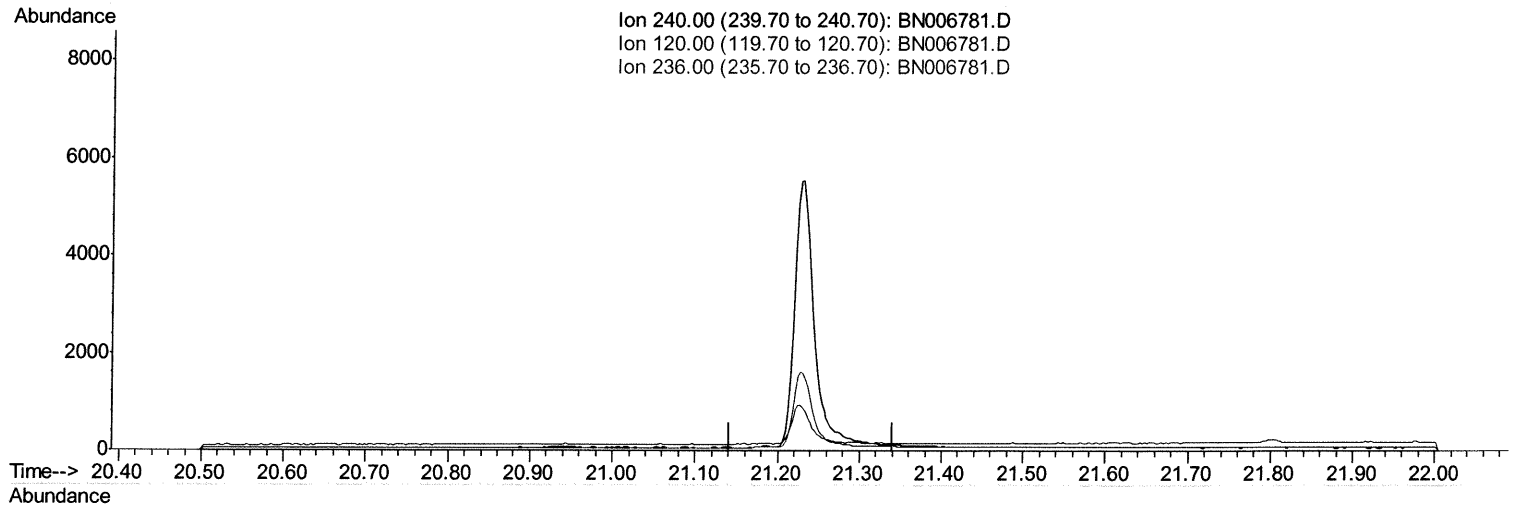
Quantitation Report (Qedit)

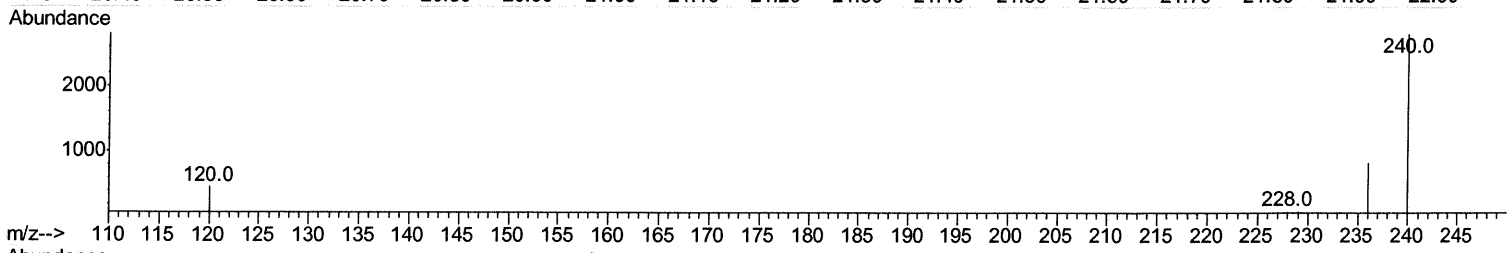
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006781.D
Acq On : 10 Jul 2019 21:44
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 11 03:48:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

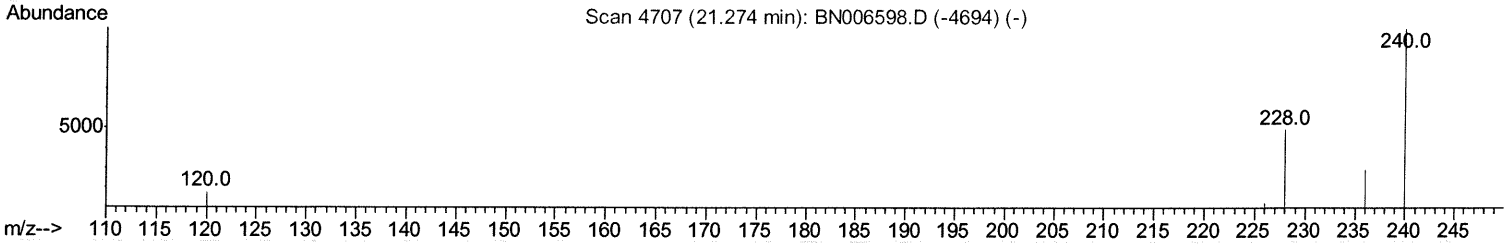
Instrument :
BNA_N
ClientSampleId :
JLJF9

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:50 AM





Scan 4707 (21.274 min): BN006598.D (-4694) (-)



TIC: BN006781.D

(16) Chrysene-d12 (I)

21.242min (-21.242) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.20	0.00#
236.00	30.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
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Acq On : 10 Jul 2019 21:44
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 11 03:48:57 2019
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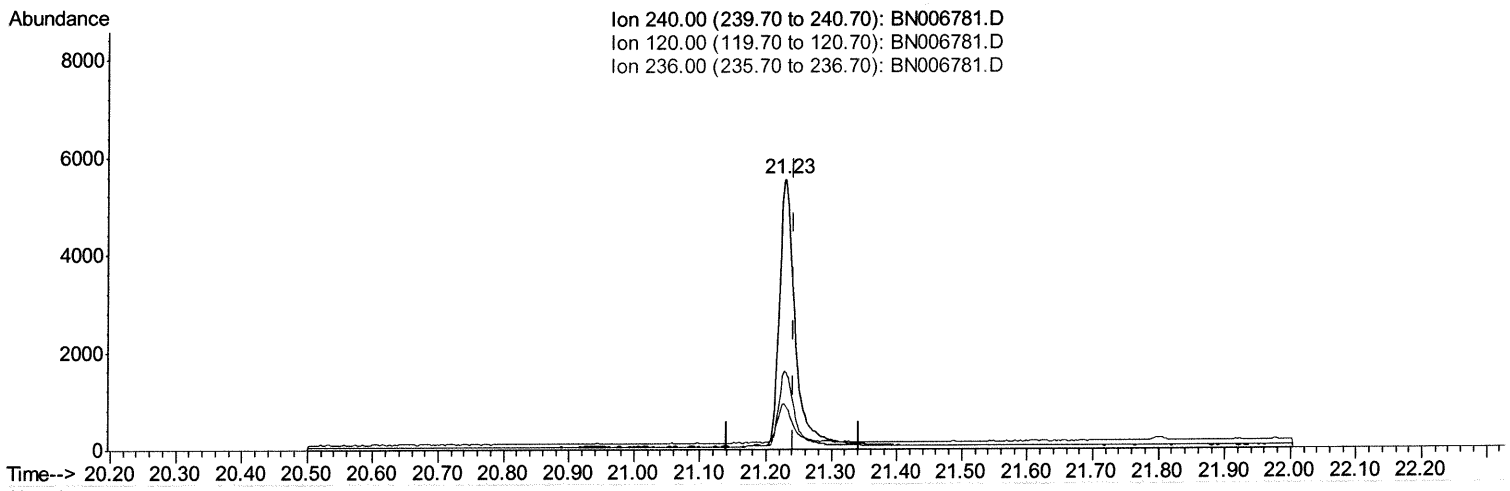
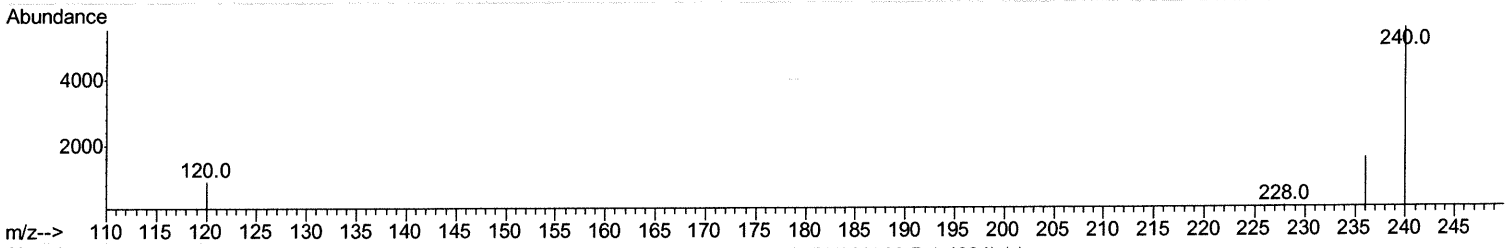
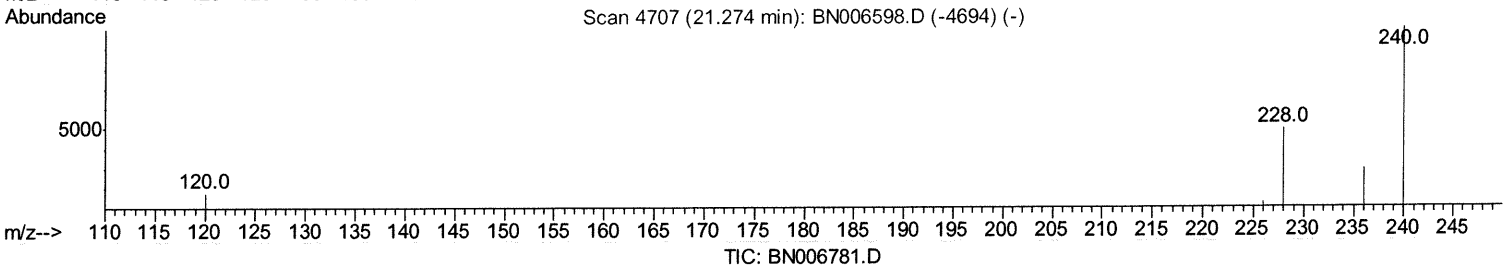
Instrument :
BNA_N
ClientSampleId :
JLJF9

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:50 AM







TIC: BN006781.D

(16) Chrysene-d12 (I)

21.230min (-0.012) 0.40ng/ul m JU 07/11/19

response 9073

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	16.13#
236.00	30.00	28.61
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006781.D
Acq On : 10 Jul 2019 21:44
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ALS Vial : 10 Sample Multiplier: 1

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QLast Update : Thu Jul 11 02:31:55 2019
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Instrument : BNA_N
ClientSampleId : JLJF9

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:50 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2607	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.36	136	9651	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.24	164	5350	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	11174m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	9073m	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	13545	0.40	ng/ul	-0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	5849	0.39	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	8217m	0.25	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	829	0.030	ng/ul#	1

JU 07/11/19

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