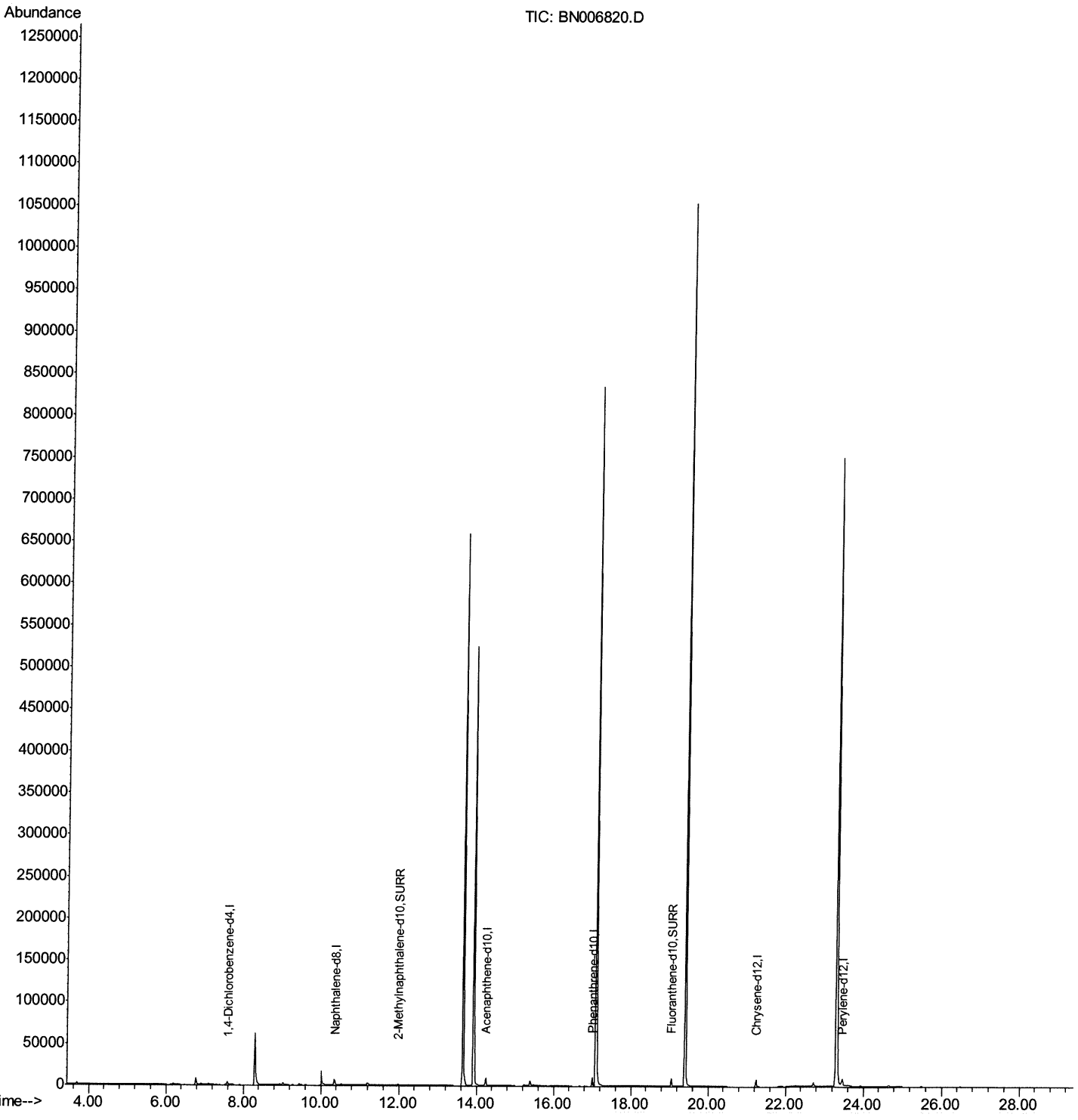
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006820.D
Acq On : 12 Jul 2019 06:24
Operator : HP/JU
Sample : K3717-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 12 08:55:15 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 : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BF491

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:00 PM



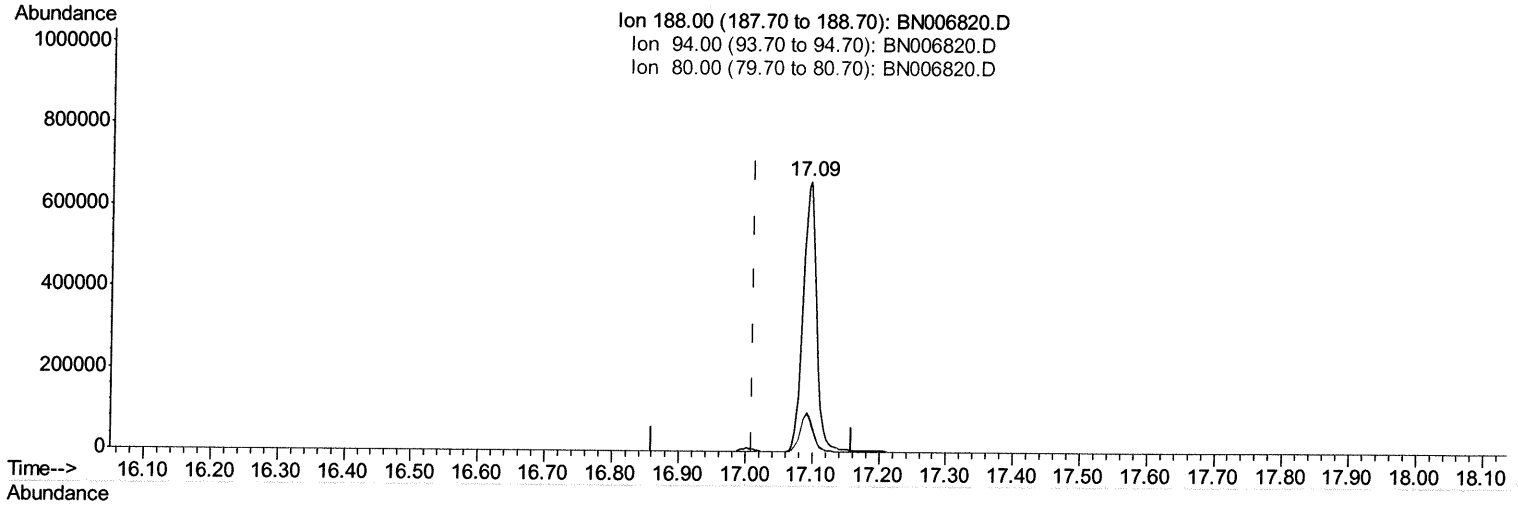
Quantitation Report (Qedit)

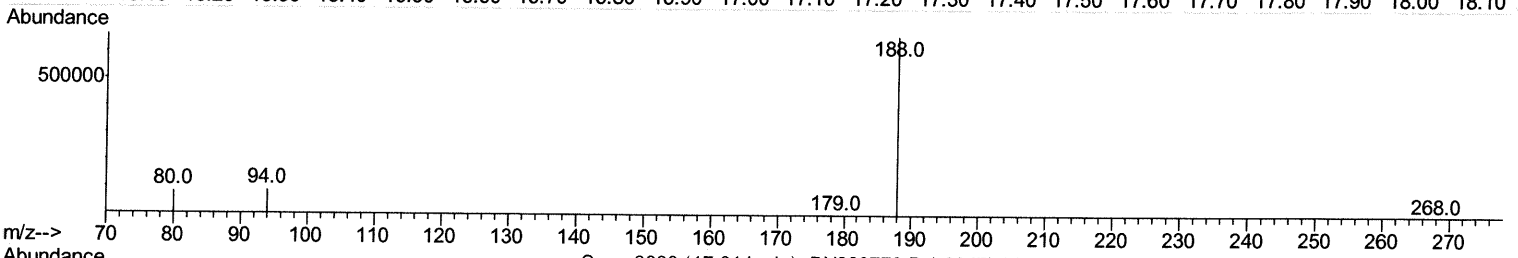
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006820.D
Acq On : 12 Jul 2019 06:24
Operator : HP/JU
Sample : K3717-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 12 08:43:41 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 : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

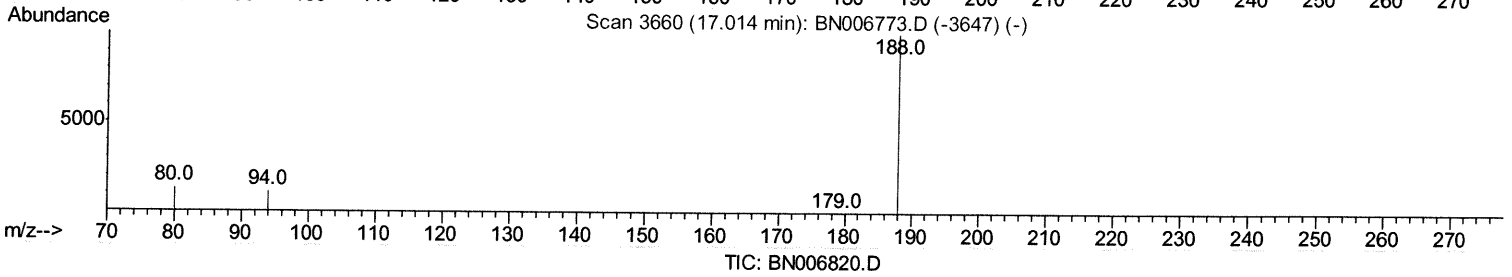
Instrument :
BNA_N
ClientSampleId :
BF491

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:00 PM





Scan 3660 (17.014 min): BN006773.D (-3647) (-)



TIC: BN006820.D

(10) Phenanthrene-d10 (I)

17.095min (+0.084) 0.40ng/ul

response 924262

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.29
80.00	14.80	12.48
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
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Acq On : 12 Jul 2019 06:24
Operator : HP/JU
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Misc :
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QLast Update : Fri Jul 12 06:39:20 2019
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Instrument :
BNA_N
ClientSampleId :
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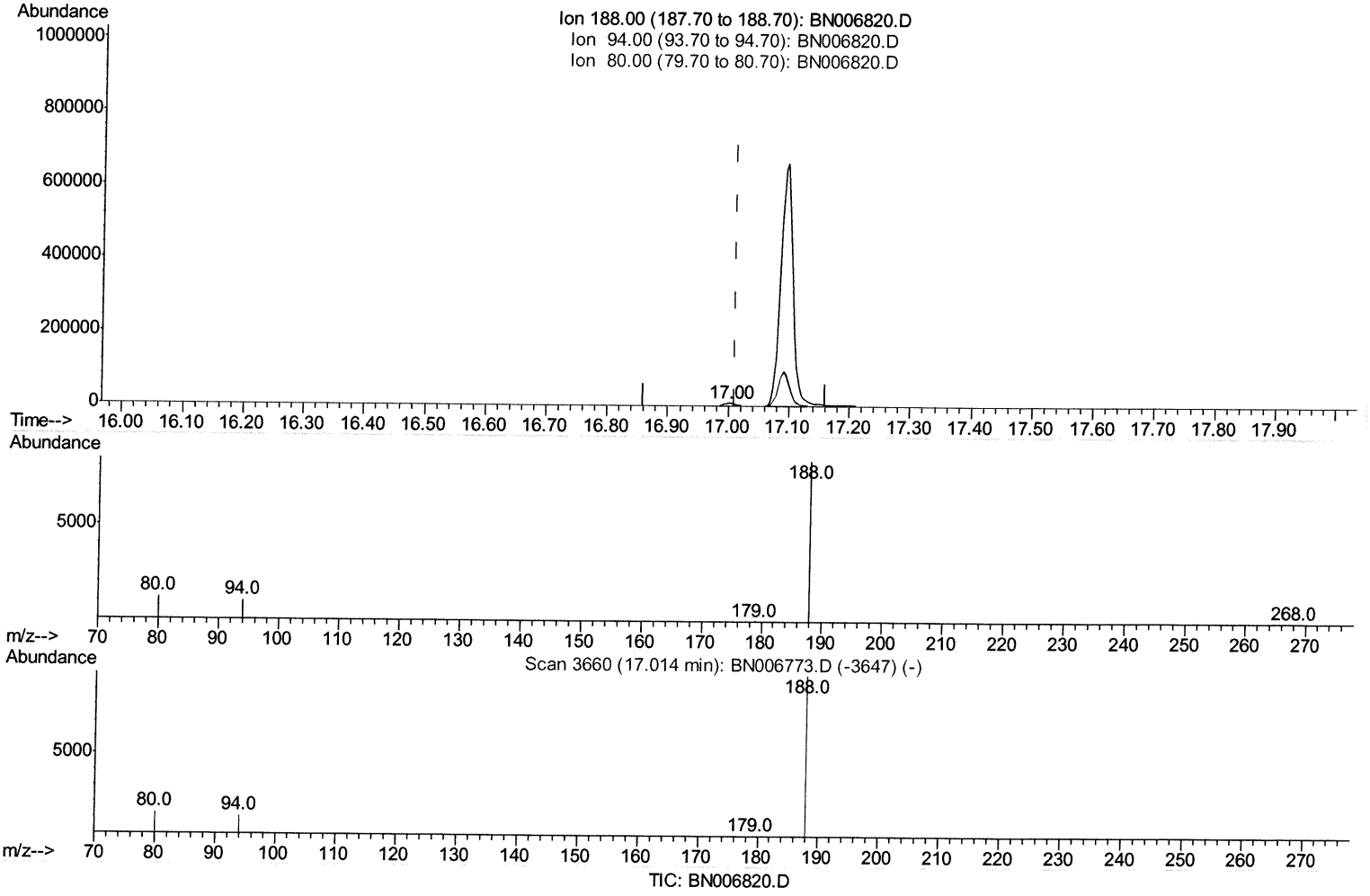
Manual Integrations APPROVED
mohammad
7/12/2019 10:28:00 PM



Scan 3660 (17.014 min): BN006773.D (-3647) (-)

TIC: BN006820.D

(10) Phenanthrene-d10 (I)

17.002min (-0.008) 0.40ng/ul m JU 07/12/19

response 11506

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.33
80.00	14.80	14.35
0.00	0.00	0.00

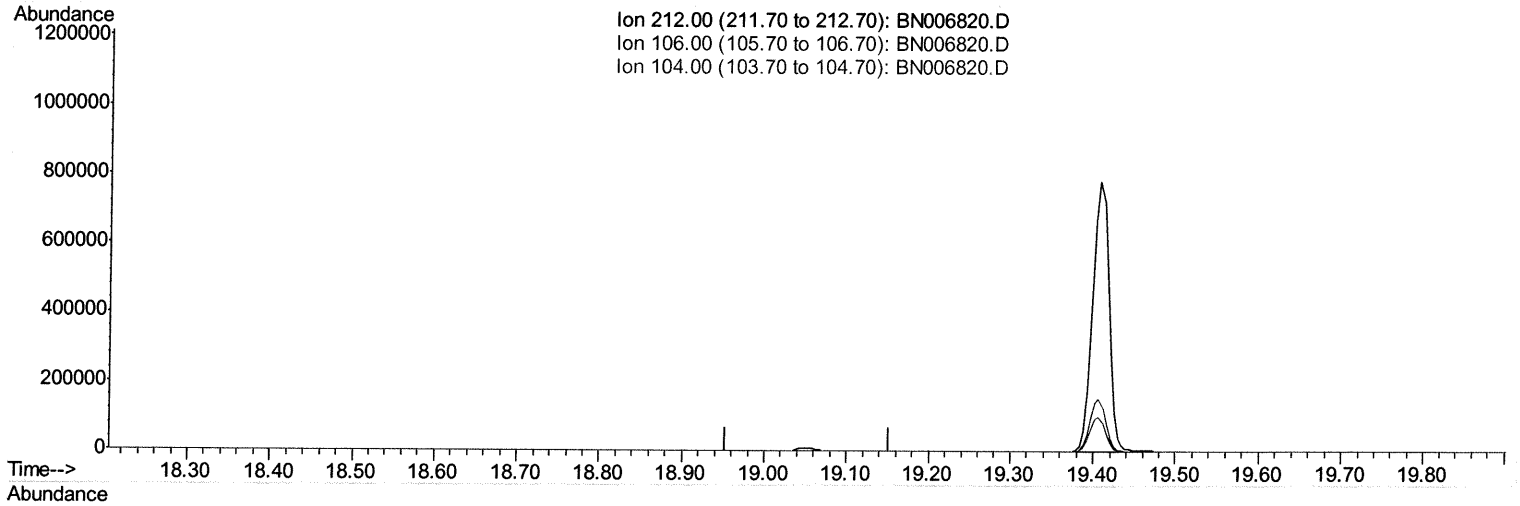
Quantitation Report (Qedit)

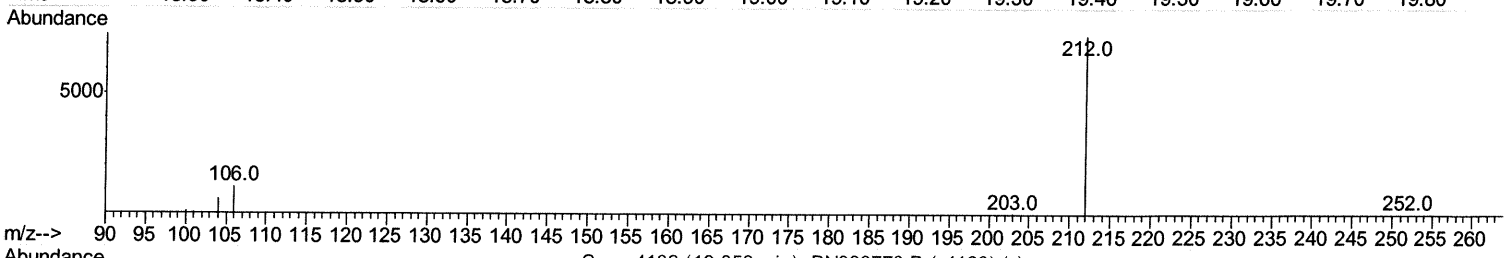
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006820.D
Acq On : 12 Jul 2019 06:24
Operator : HP/JU
Sample : K3717-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 12 08:52:42 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 : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

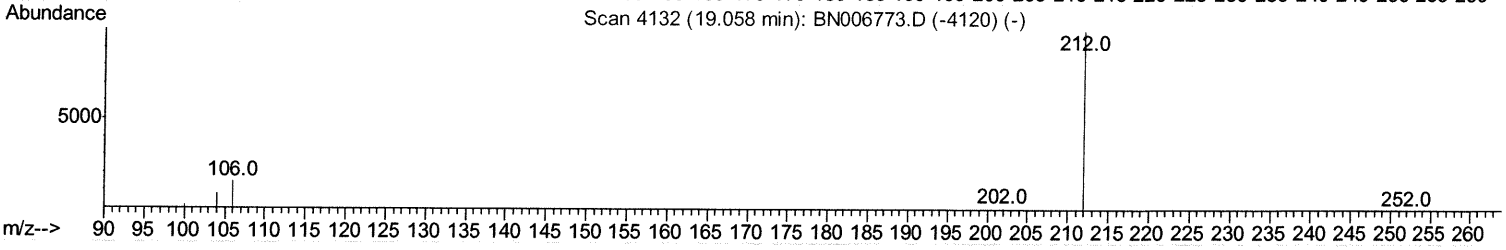
Instrument :
BNA_N
ClientSampleId :
BF491

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:00 PM





Scan 4132 (19.058 min): BN006773.D (-4120) (-)



TIC: BN006820.D

(14) Fluoranthene-d10 (SURR)

19.053min (-19.053) 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

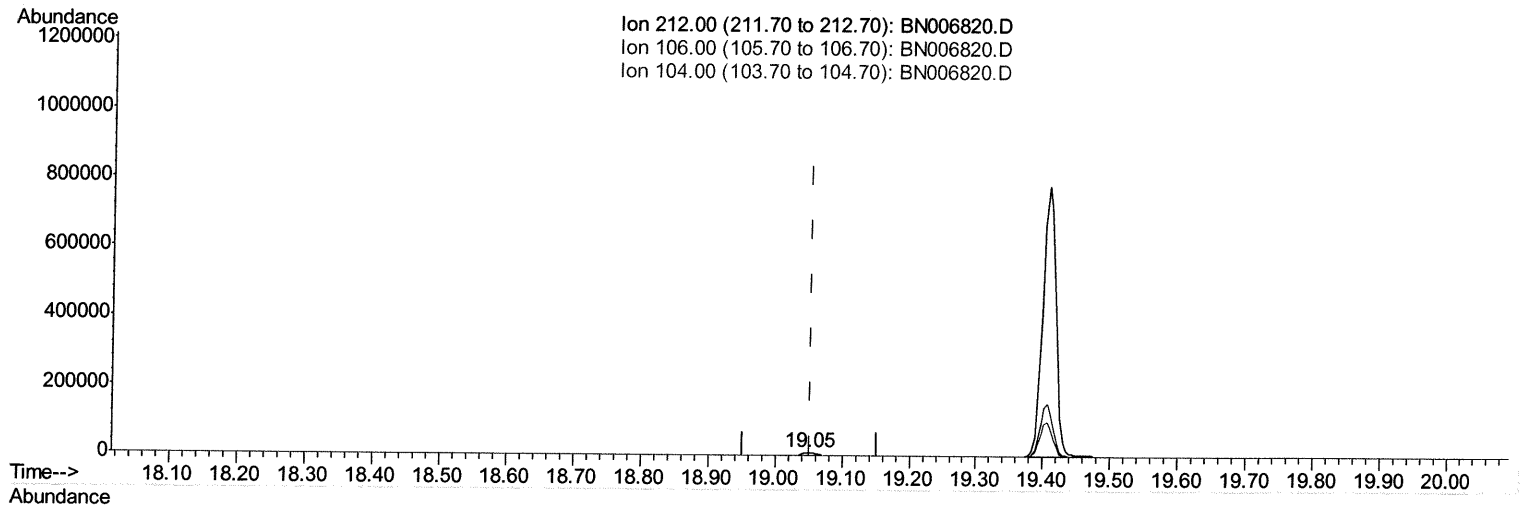
Quantitation Report (Qedit)

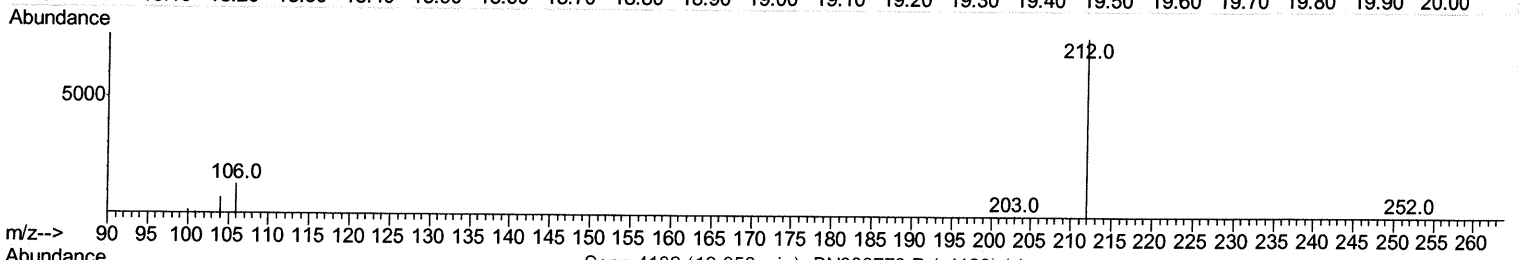
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006820.D
Acq On : 12 Jul 2019 06:24
Operator : HP/JU
Sample : K3717-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 12 08:52:42 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 : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

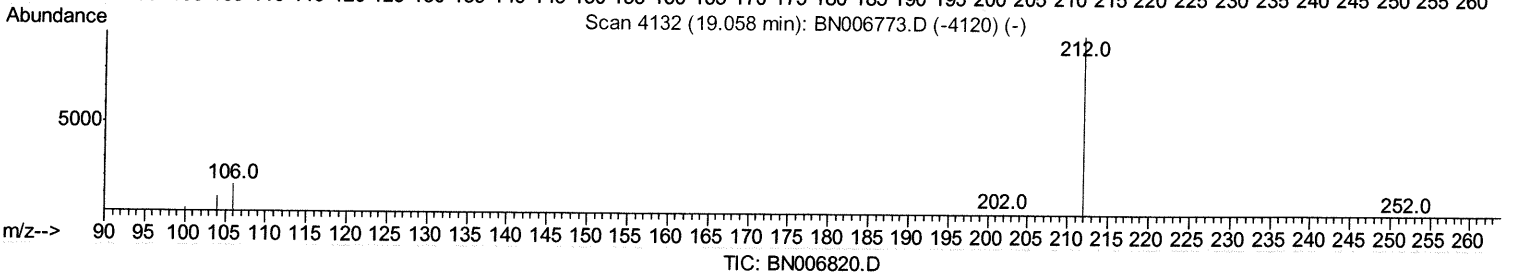
Instrument :
BNA_N
ClientSampleId :
BF491

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:00 PM





Scan 4132 (19.058 min): BN006773.D (-4120) (-)



TIC: BN006820.D

(14) Fluoranthene-d10 (SURR)

19.048min (-0.005) 0.35ng/ul m JU 07/12/19

response 11664

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

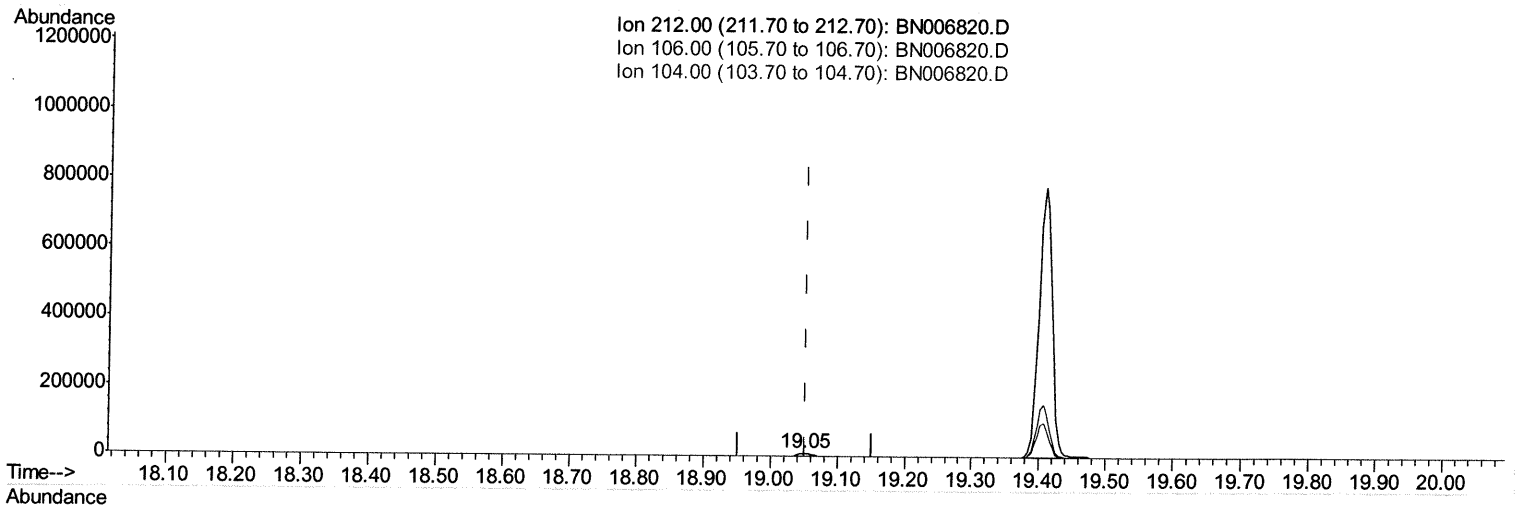
Quantitation Report (Qedit)

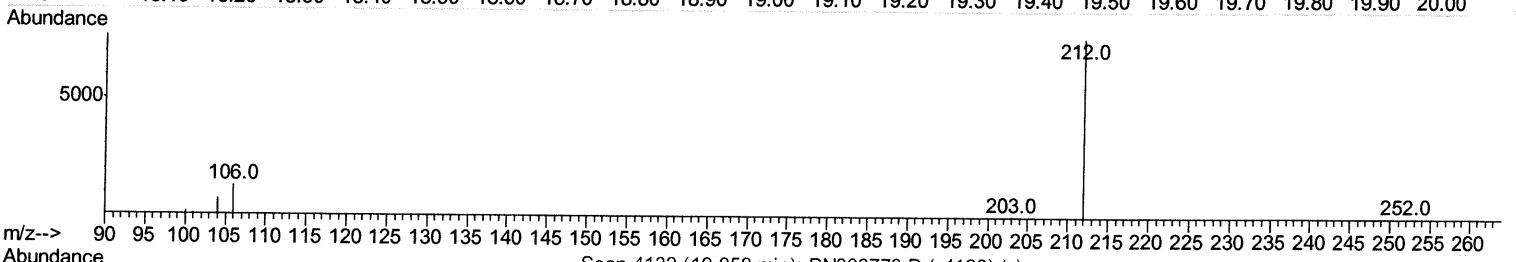
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006820.D
Acq On : 12 Jul 2019 06:24
Operator : HP/JU
Sample : K3717-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 12 08:52:42 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 : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

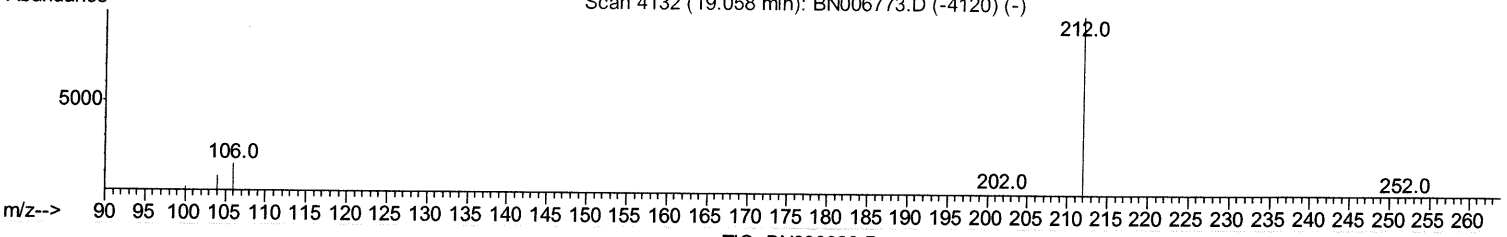
Instrument :
BNA_N
ClientSampleId :
BF491

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:00 PM





Scan 4132 (19.058 min): BN006773.D (-4120) (-)



TIC: BN006820.D

(14) Fluoranthene-d10 (SURR)

19.048min (-0.005) 0.35ng/ul m JV 07/12/19

response 11664

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\BN071119\
Data File : BN006820.D
Acq On : 12 Jul 2019 06:24
Operator : HP/JU
Sample : K3717-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

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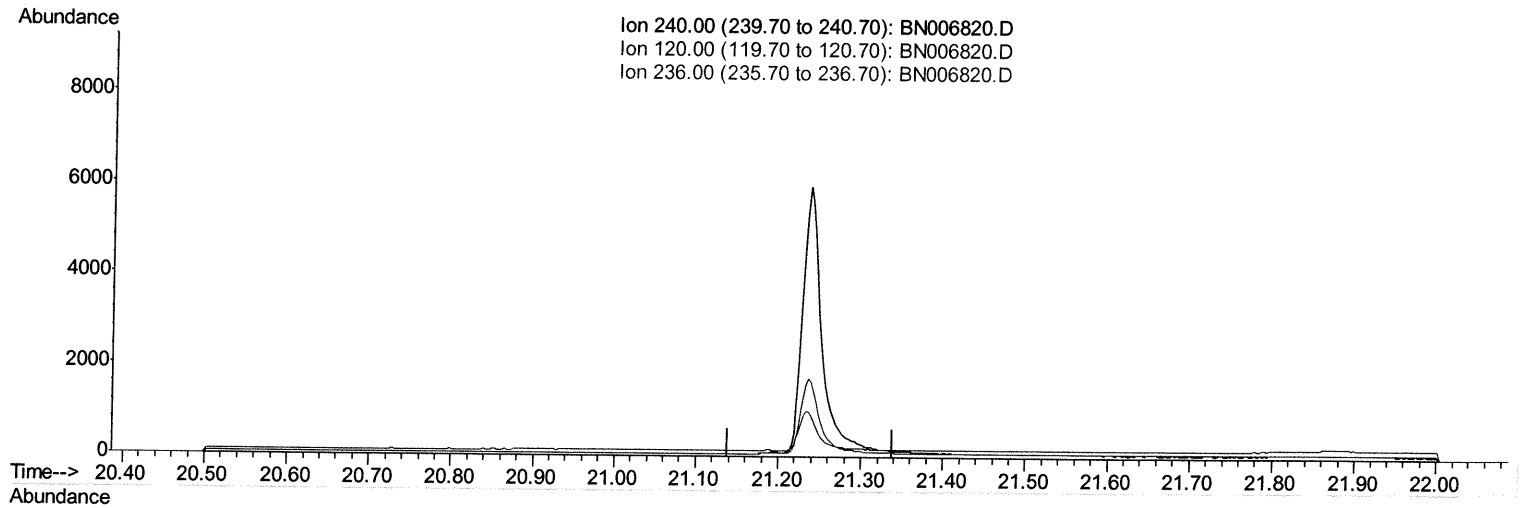
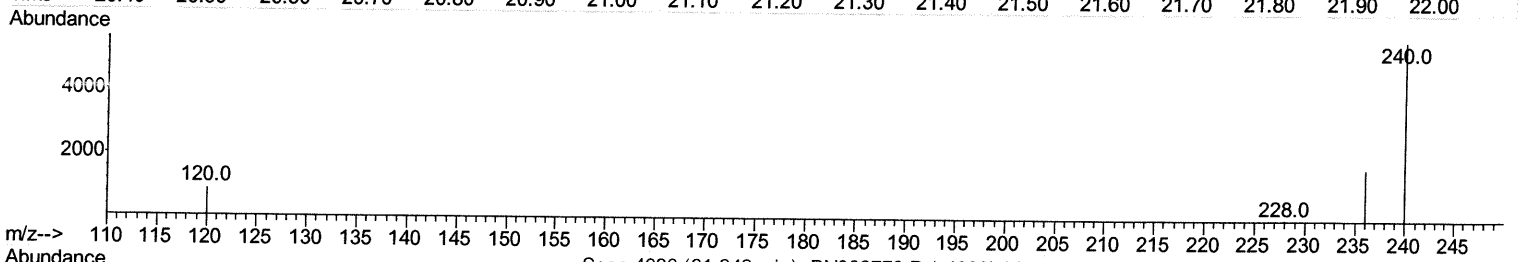
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

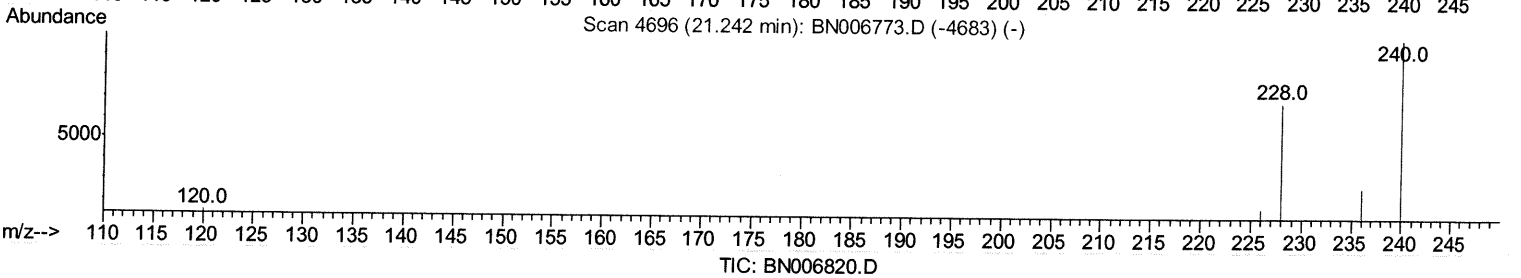
Instrument :
BNA_N
ClientSampleId :
BF491

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:00 PM





Scan 4696 (21.242 min): BN006773.D (-4683) (-)



TIC: BN006820.D

(16) Chrysene-d12 (I)

21.239min (-21.239) 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

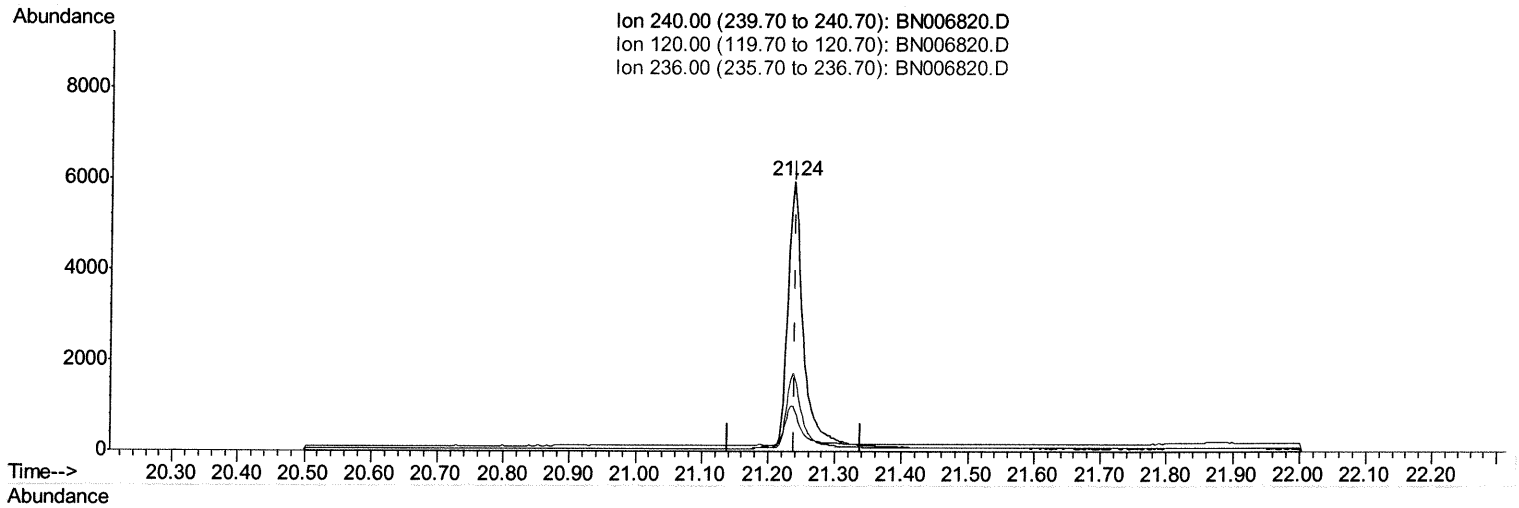
Quantitation Report (Qedit)

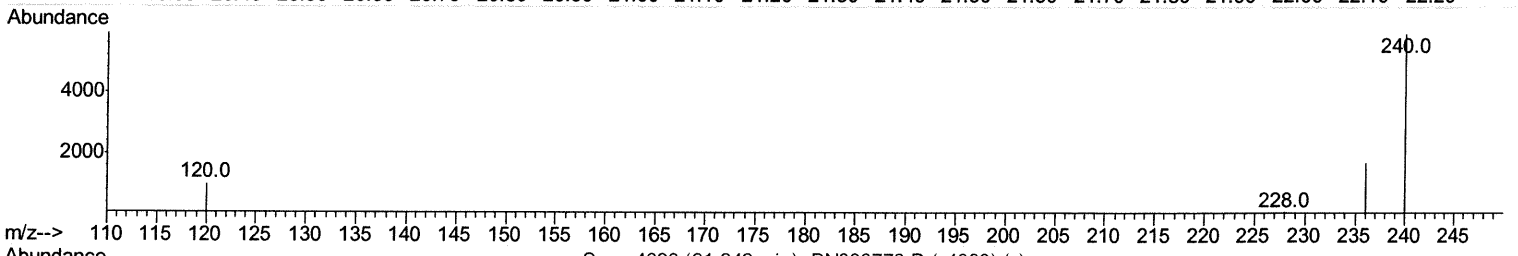
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006820.D
Acq On : 12 Jul 2019 06:24
Operator : HP/JU
Sample : K3717-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

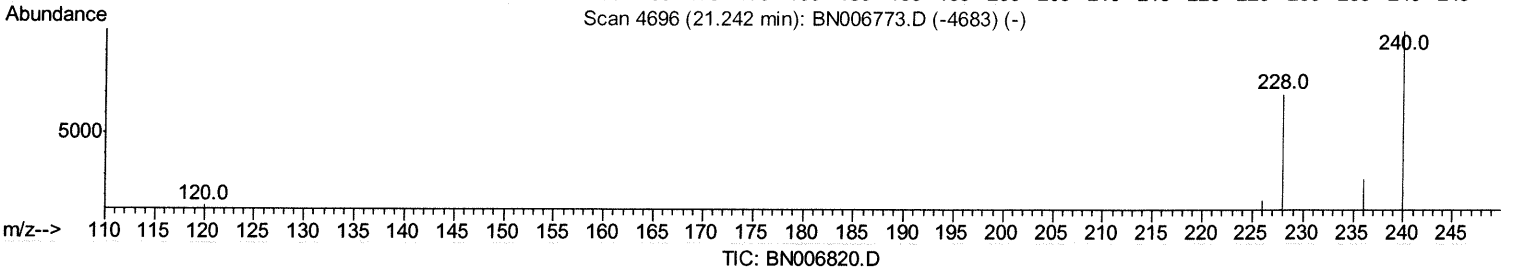
Quant Time: Jul 12 08:52:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BF491

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:00 PM







TIC: BN006820.D

(16) Chrysene-d12 (I)

21.236min (-0.003) 0.40ng/ul m JU 07/12/19

response 9382

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	16.86
236.00	30.00	29.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006820.D
Acq On : 12 Jul 2019 06:24
Operator : HP/JU
Sample : K3717-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 12 08:54:13 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 : Fri Jul 12 06:39:20 2019
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Instrument :
BNA_N
ClientSampleId :
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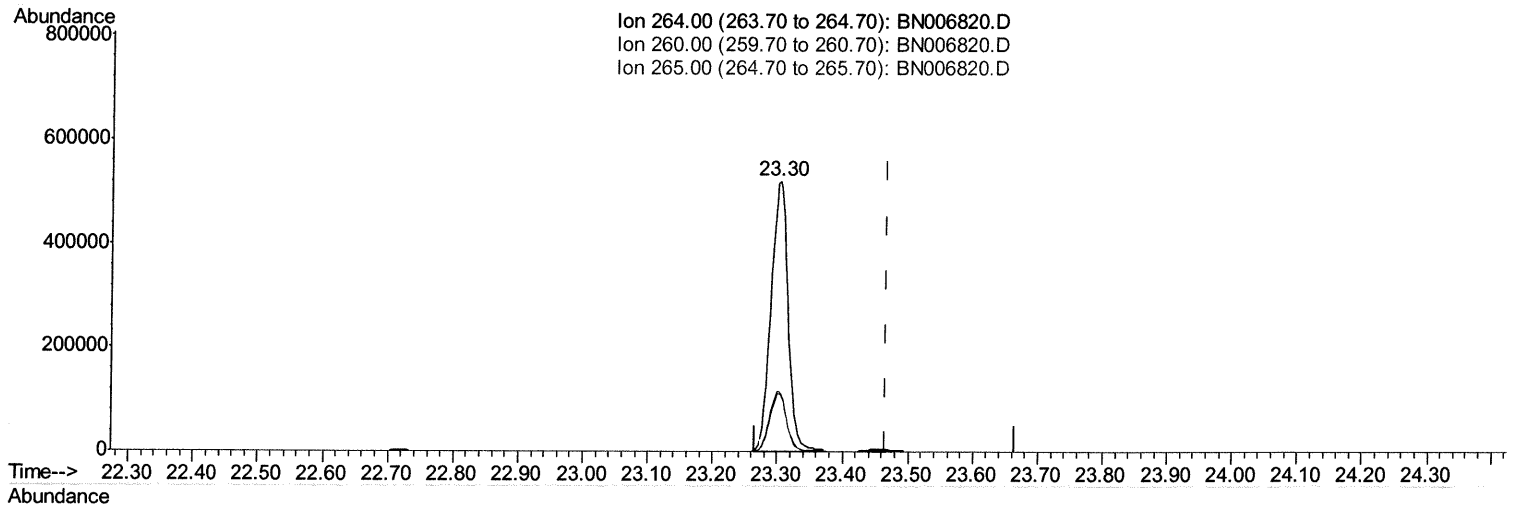
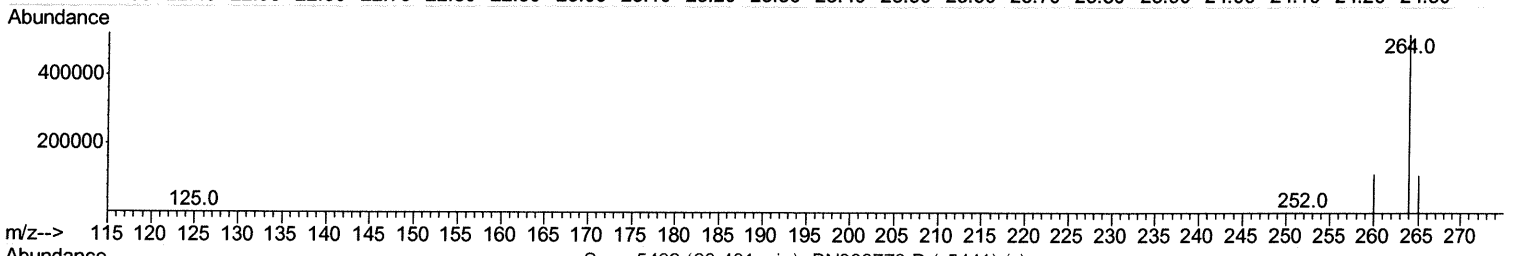
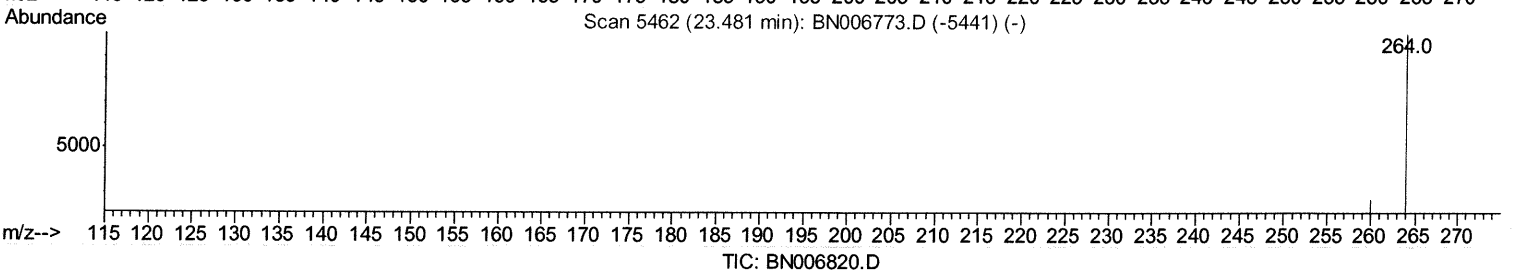
Manual Integrations APPROVED
mohammad
7/12/2019 10:28:00 PM







(20) Perylene-d12 (I)

23.302min (-0.164) 0.40ng/ul

response 933506

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.24#
265.00	36.10	21.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
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Acq On : 12 Jul 2019 06:24
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Misc :
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mohammad
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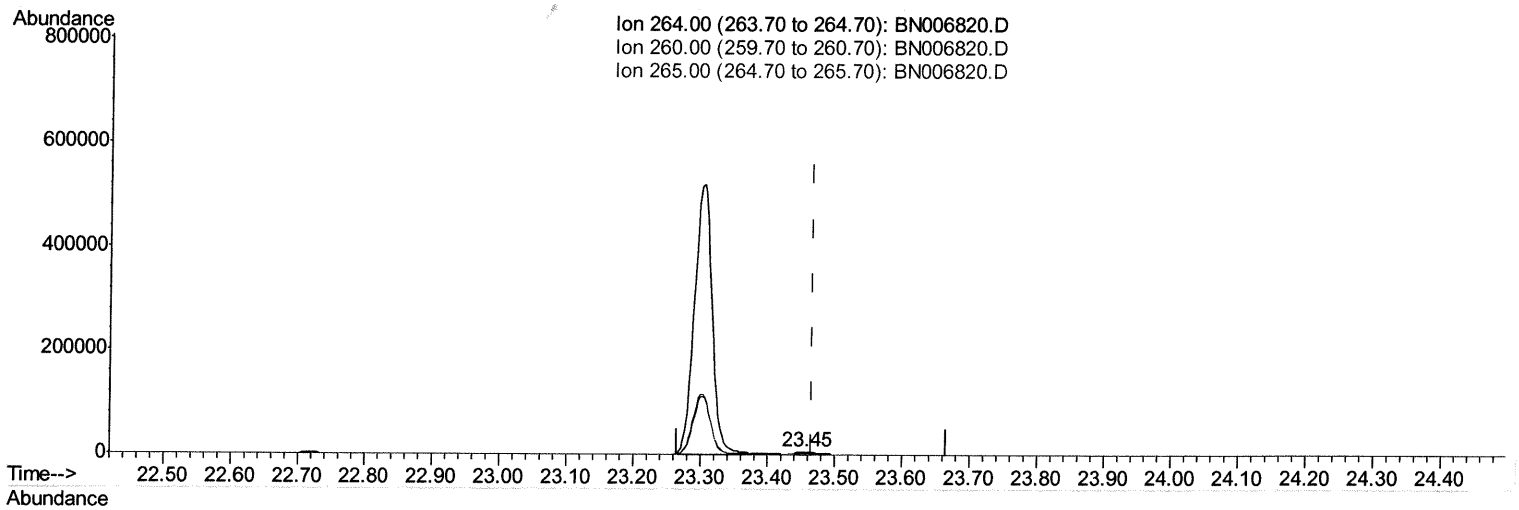

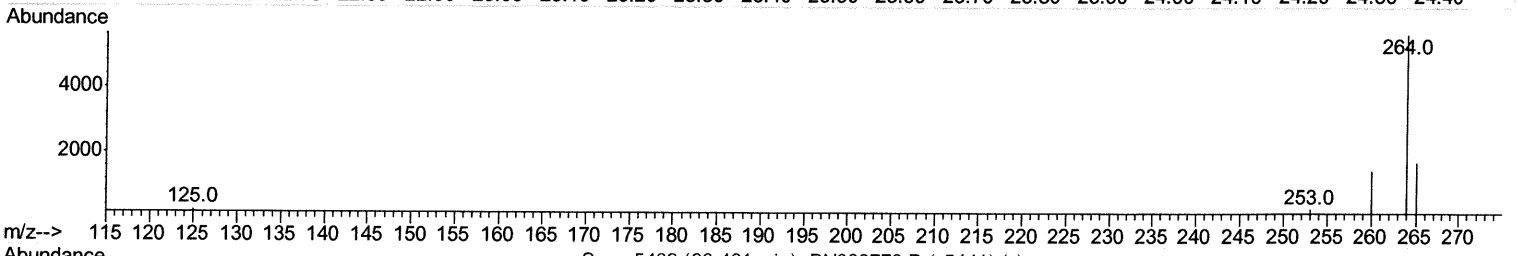

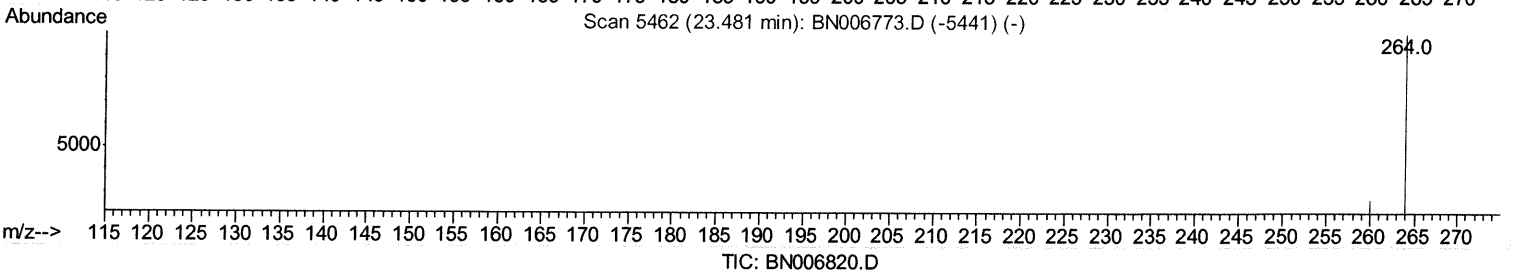

(20) Perylene-d12 (I)

23.454min (-0.012) 0.40ng/ul m JU 07/12/19

response 8234

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.36
265.00	36.10	30.91
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 12 Jul 2019 06:24
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ALS Vial : 32 Sample Multiplier: 1

Instrument :
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mohammad
7/12/2019 10:28:00 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2744	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	10013	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	5318	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	11506m >	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	9382m >	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	8234m >	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3791	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	11664m >	0.35	ng/ul	0.00
Target Compounds						Qvalue

JU 07/12/19

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