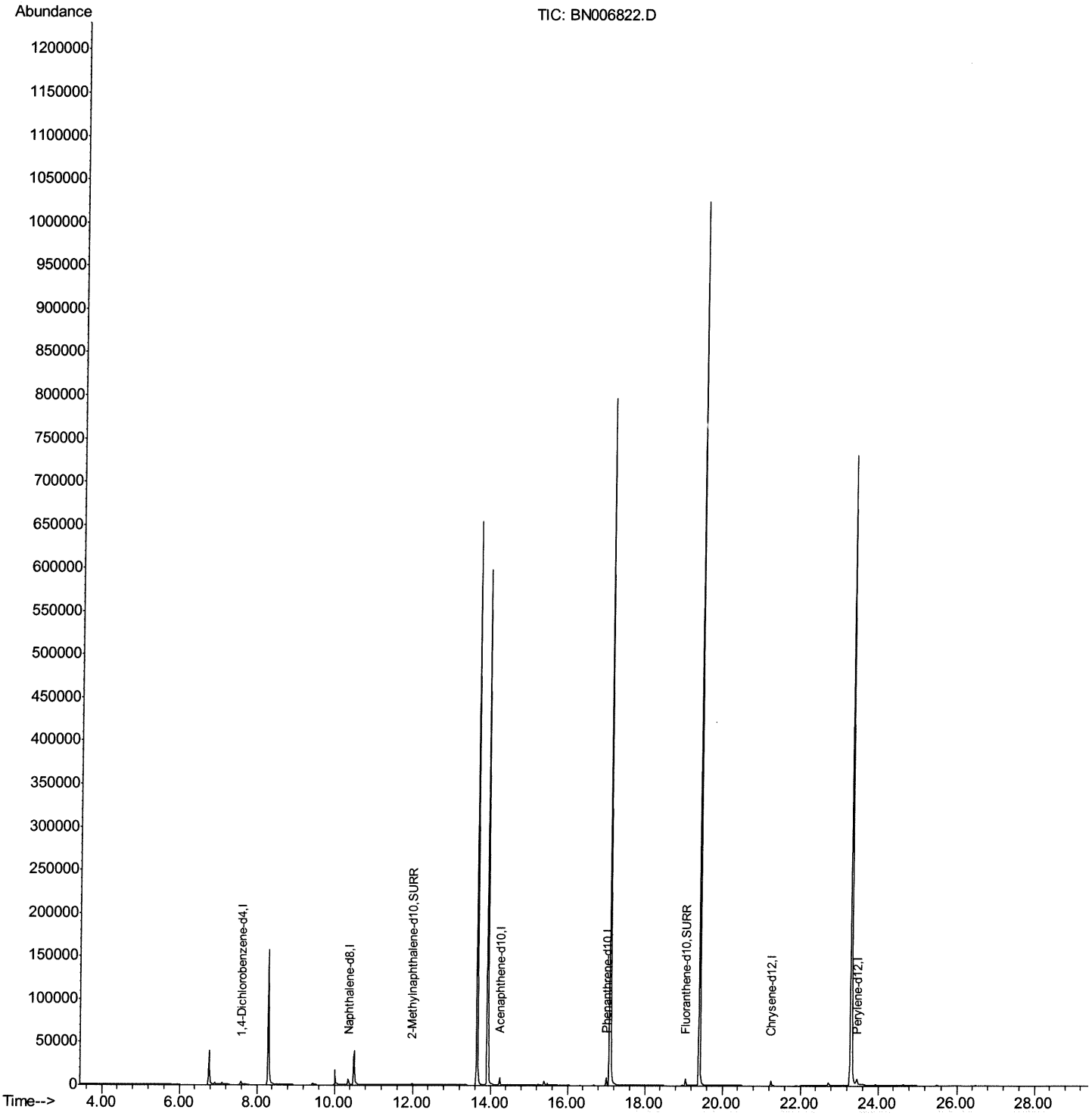
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006822.D
Acq On : 12 Jul 2019 07:33
Operator : HP/JU
Sample : PB121272BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 12 09:01:37 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 :
SBLK72

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:42 PM



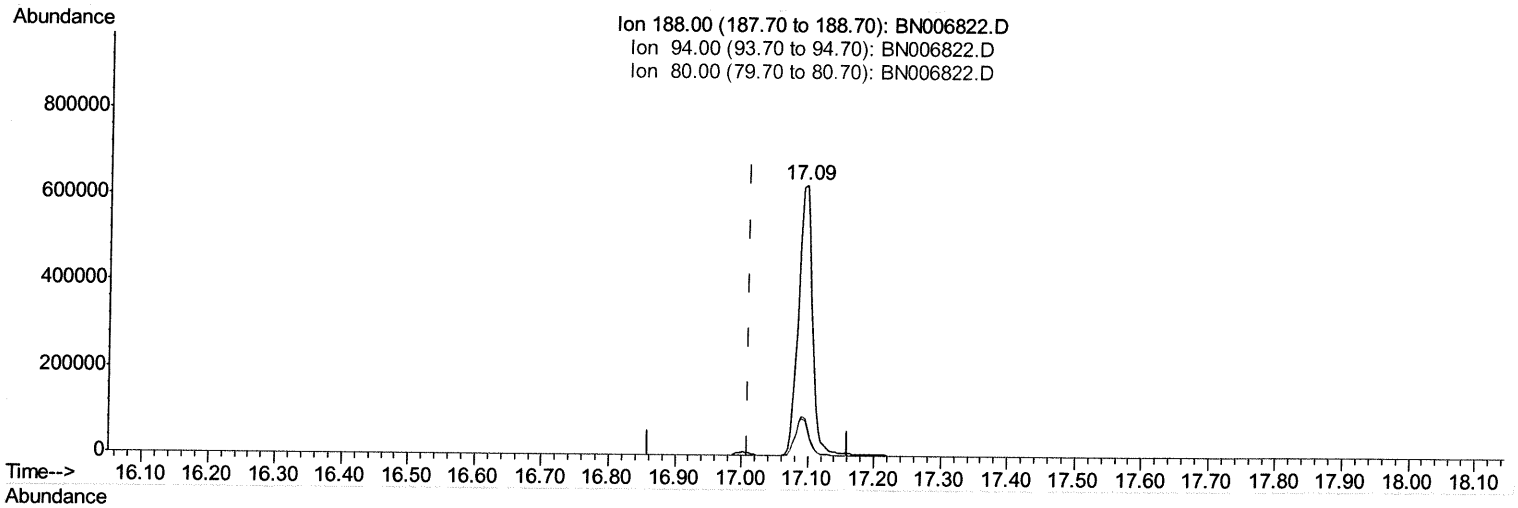
Quantitation Report (Qedit)

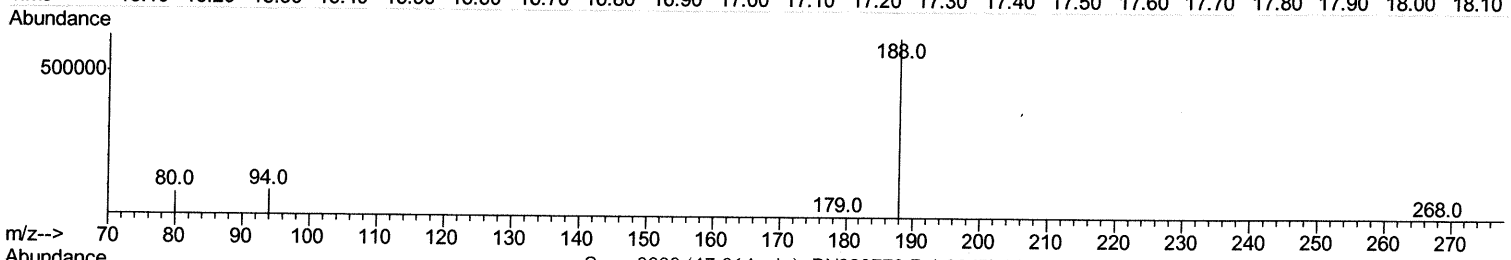
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006822.D
Acq On : 12 Jul 2019 07:33
Operator : HP/JU
Sample : PB121272BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

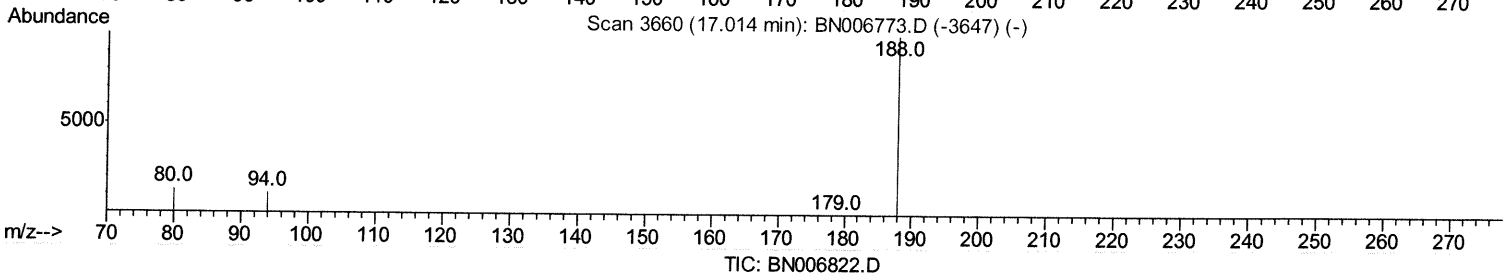
Quant Time: Jul 12 08:43:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK72

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:42 PM







(10) Phenanthrene-d10 (I)

17.095min (+0.085) 0.40ng/ul

response 911879

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.52
80.00	14.80	12.68
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006822.D
Acq On : 12 Jul 2019 07:33
Operator : HP/JU
Sample : PB121272BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 12 08:43:46 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 :
SBLK72

Manual Integrations APPROVED
mohammad
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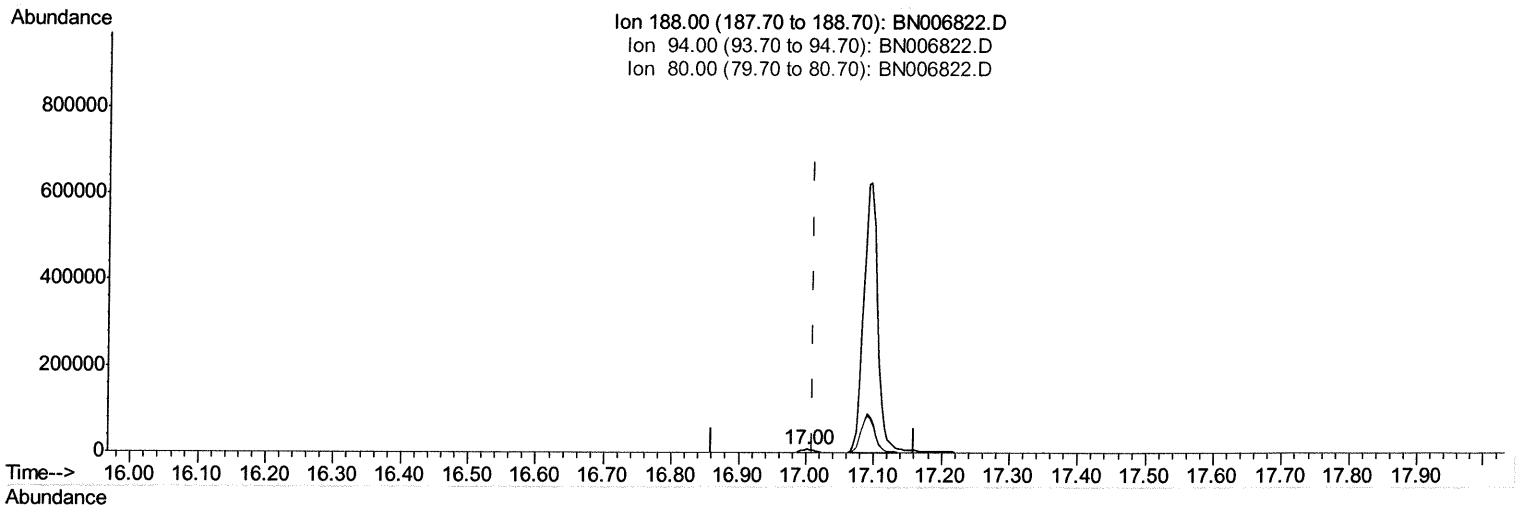

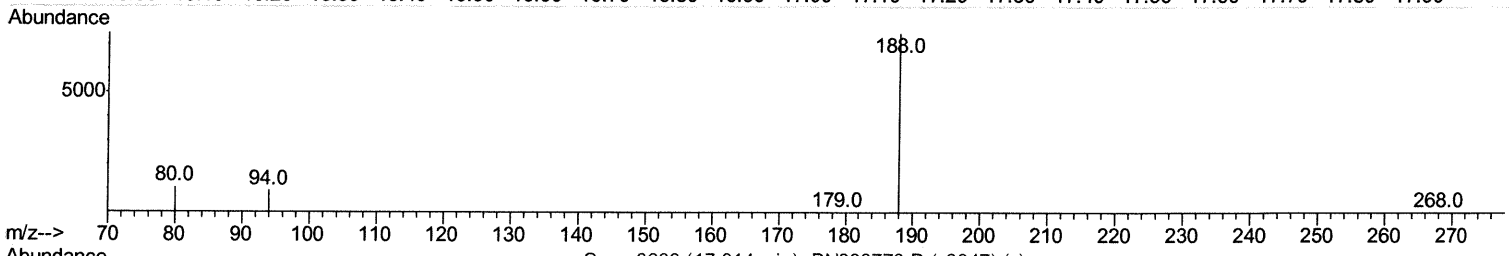

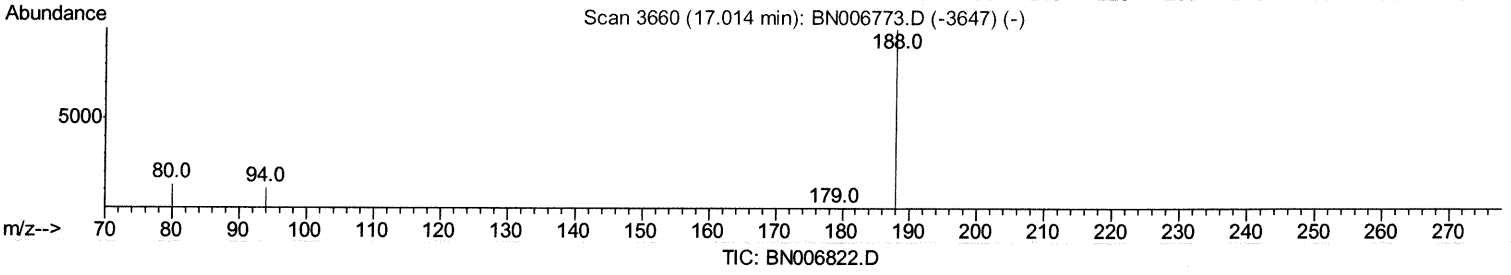

(10) Phenanthrene-d10 (I)

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

response 10454

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.72
80.00	14.80	14.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006822.D
Acq On : 12 Jul 2019 07:33
Operator : HP/JU
Sample : PB121272BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 12 08:59:44 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 :
SBLK72

Manual Integrations APPROVED
mohammad
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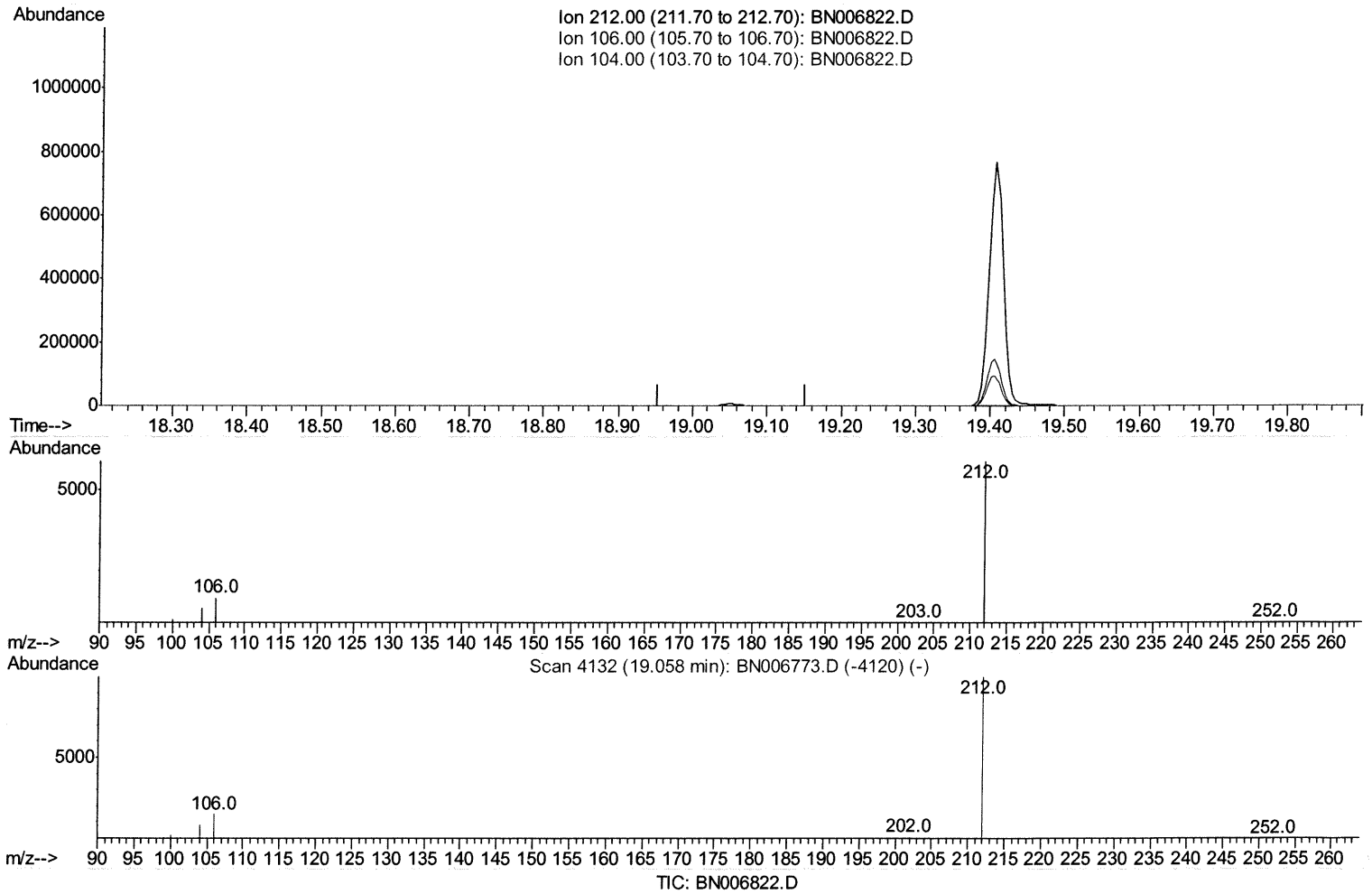


(14) Fluoranthene-d10 (SURR)

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

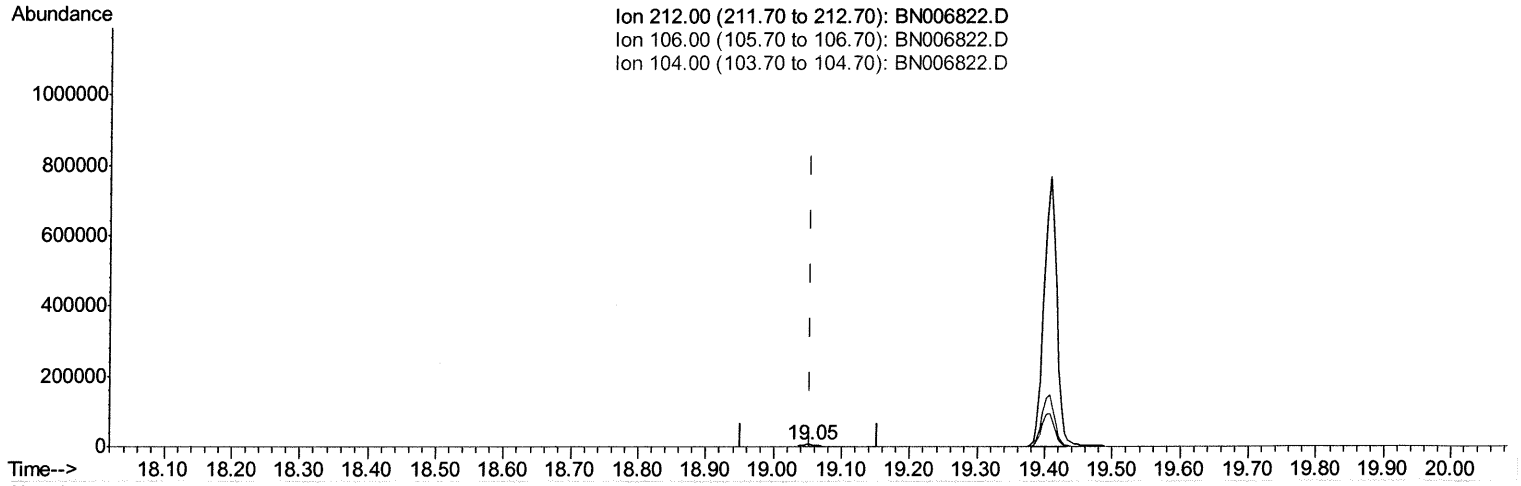
Quantitation Report (Qedit)

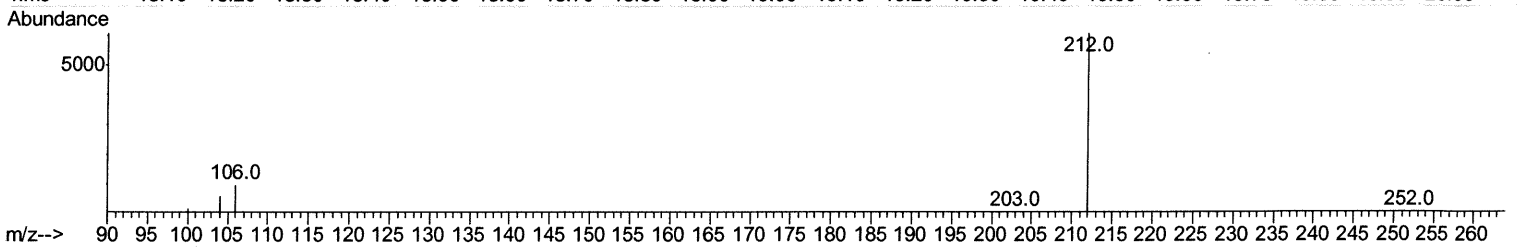
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006822.D
Acq On : 12 Jul 2019 07:33
Operator : HP/JU
Sample : PB121272BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

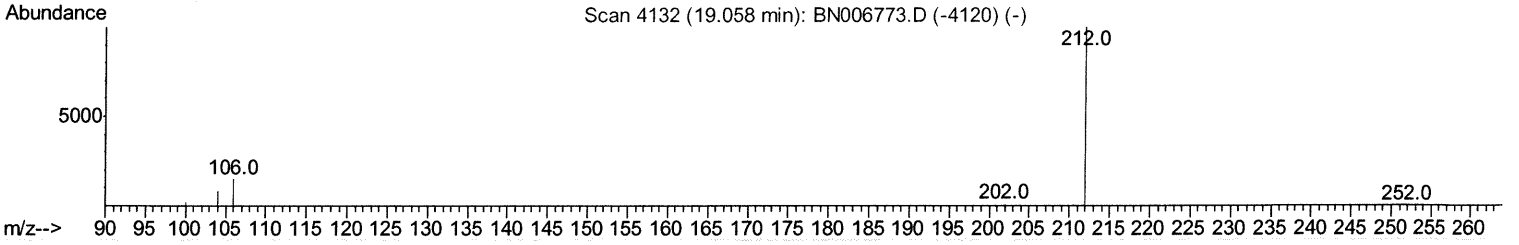
Quant Time: Jul 12 08:59:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK72

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:42 PM







(14) Fluoranthene-d10 (SURR)

19.053min (+0.000) 0.31ng/ul m JU 7/12/19

response 9510

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

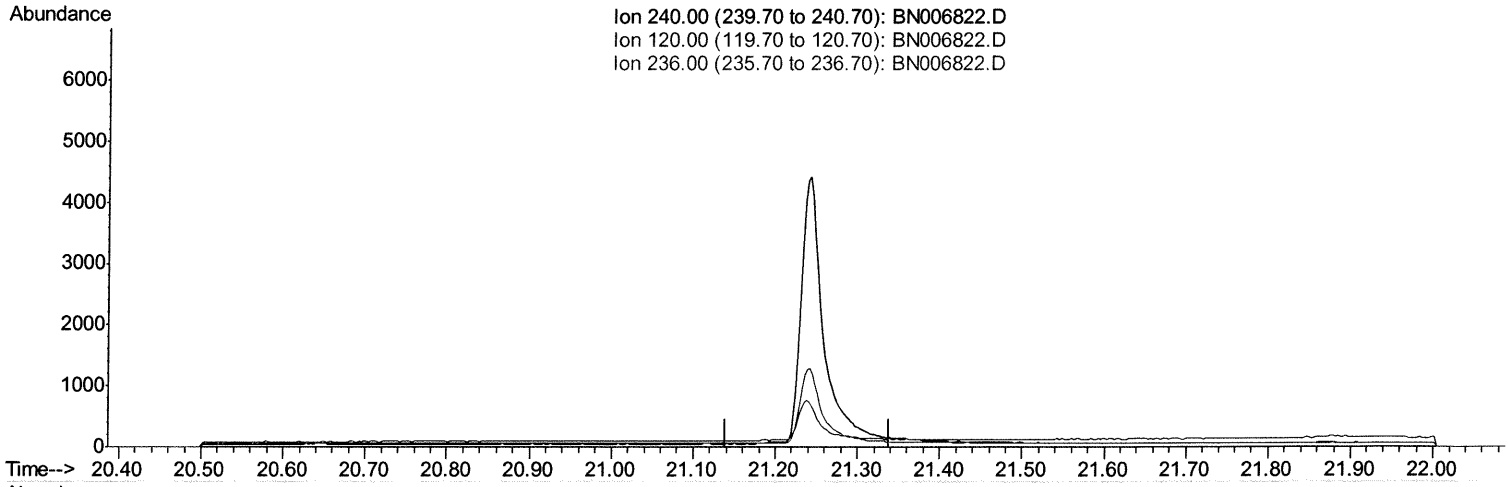
Quantitation Report (Qedit)

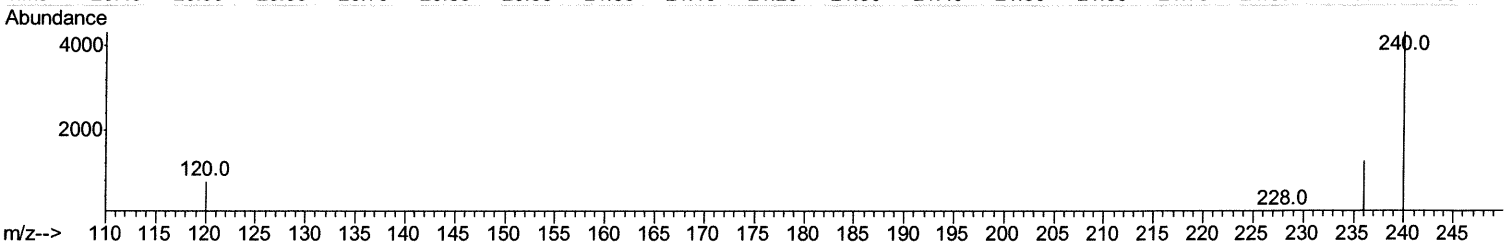
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006822.D
Acq On : 12 Jul 2019 07:33
Operator : HP/JU
Sample : PB121272BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 12 08:59:44 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

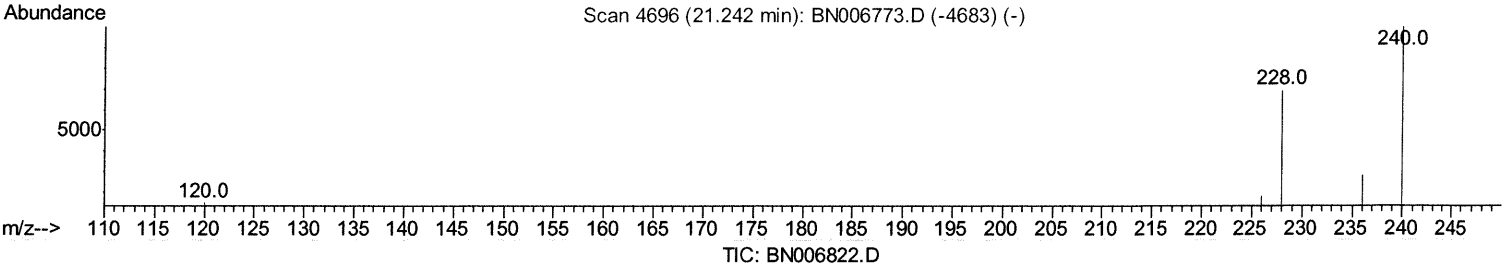
Instrument :
BNA_N
ClientSampleId :
SBLK72

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:42 PM





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



TIC: BN006822.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

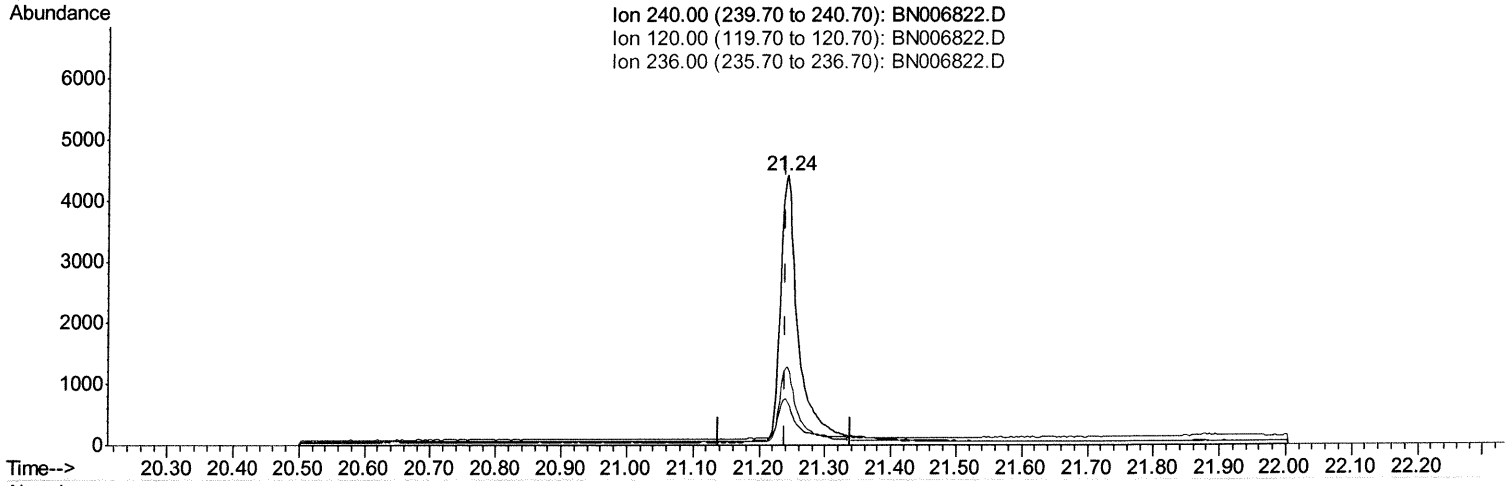
Quantitation Report (Qedit)

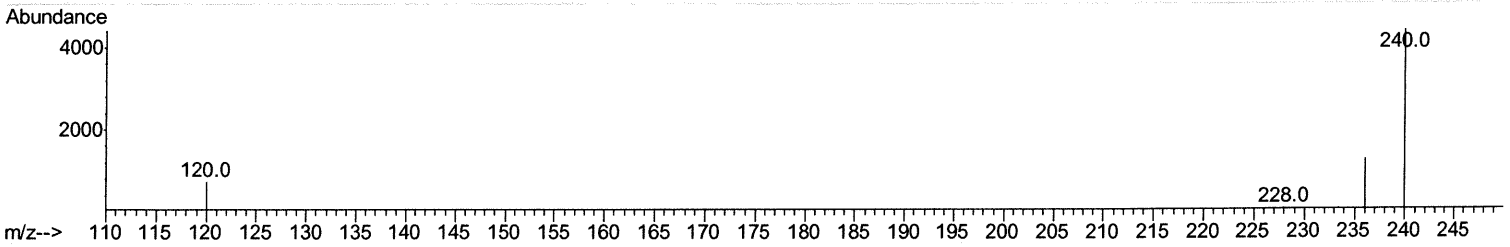
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006822.D
Acq On : 12 Jul 2019 07:33
Operator : HP/JU
Sample : PB121272BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

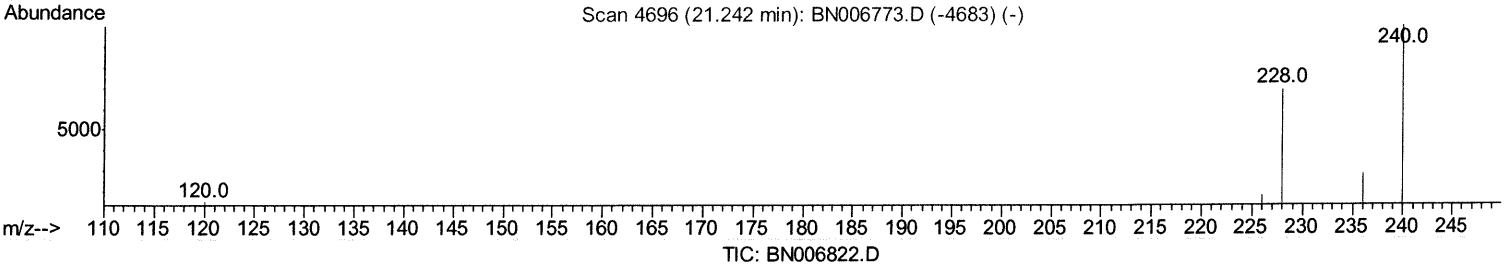
Quant Time: Jul 12 08:59:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK72

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:42 PM







TIC: BN006822.D

(16) Chrysene-d12 (I)

21.242min (+0.003) 0.40ng/ul m JU 07/12/19

response 8109

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	16.58
236.00	30.00	29.13
0.00	0.00	0.00

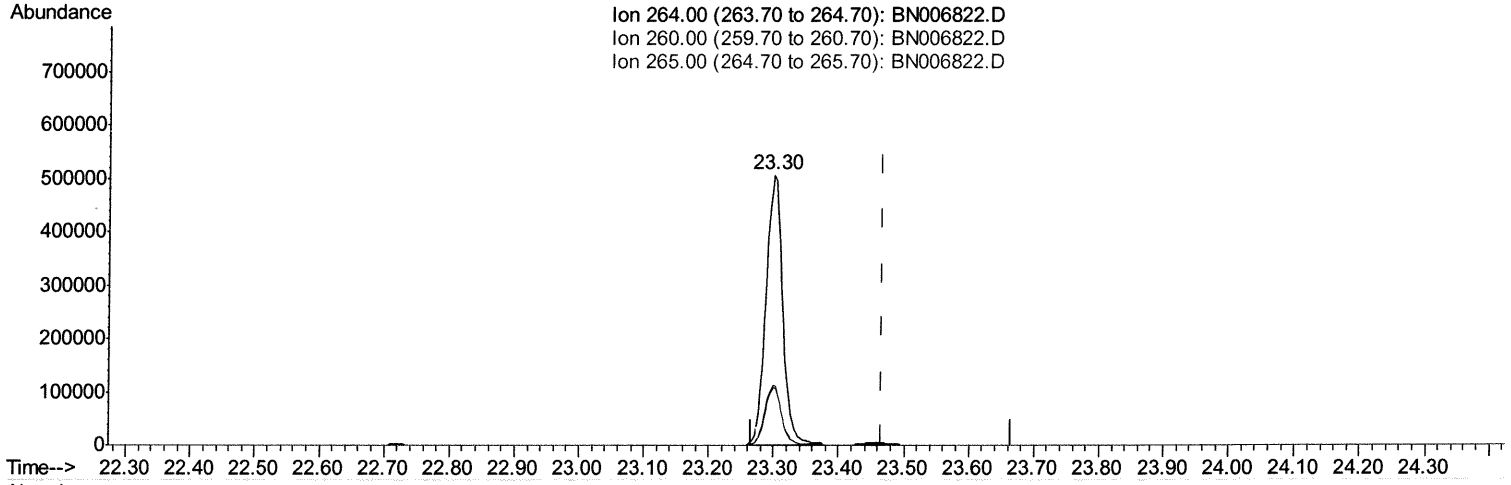
Quantitation Report (Qedit)

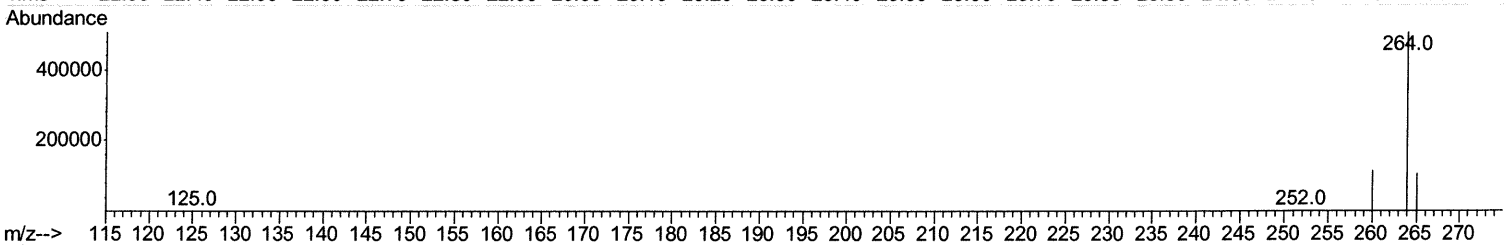
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006822.D
Acq On : 12 Jul 2019 07:33
Operator : HP/JU
Sample : PB121272BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

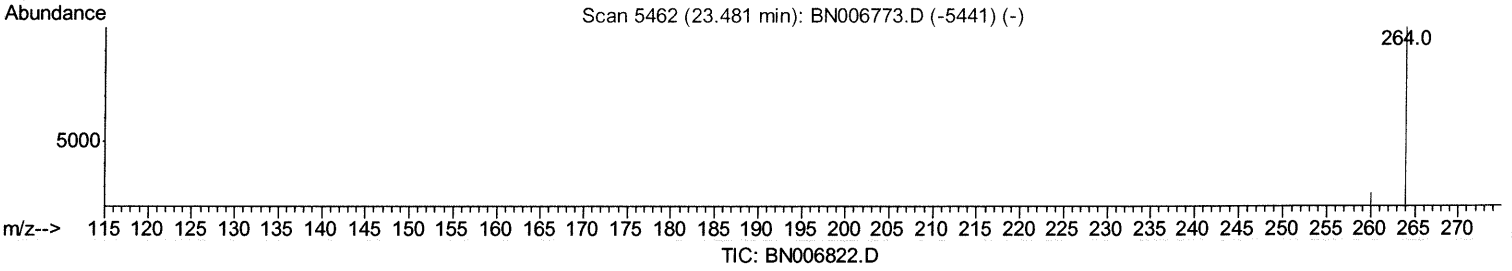
Quant Time: Jul 12 09:00:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK72

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:42 PM







TIC: BN006822.D

(20) Perylene-d12 (I)

23.300min (-0.167) 0.40ng/ul

response 886689

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.41
265.00	36.10	21.47#
0.00	0.00	0.00

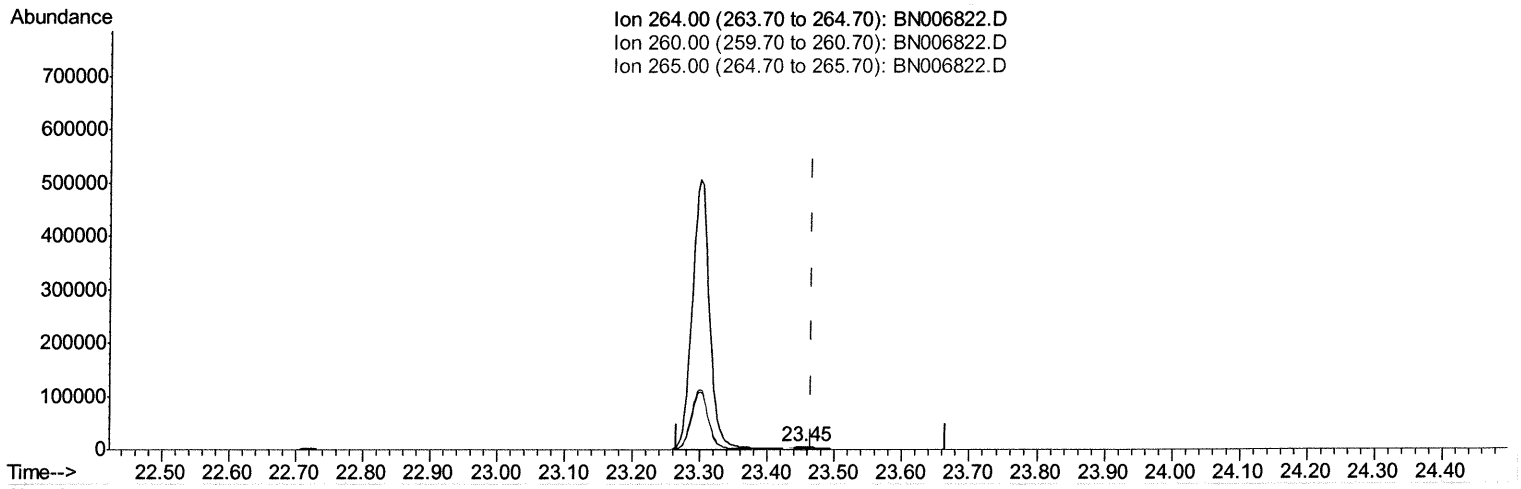
Quantitation Report (Qedit)

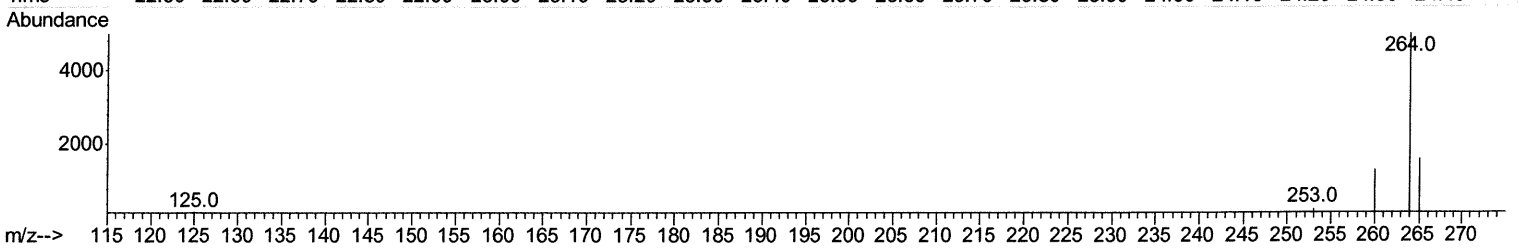
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006822.D
Acq On : 12 Jul 2019 07:33
Operator : HP/JU
Sample : PB121272BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

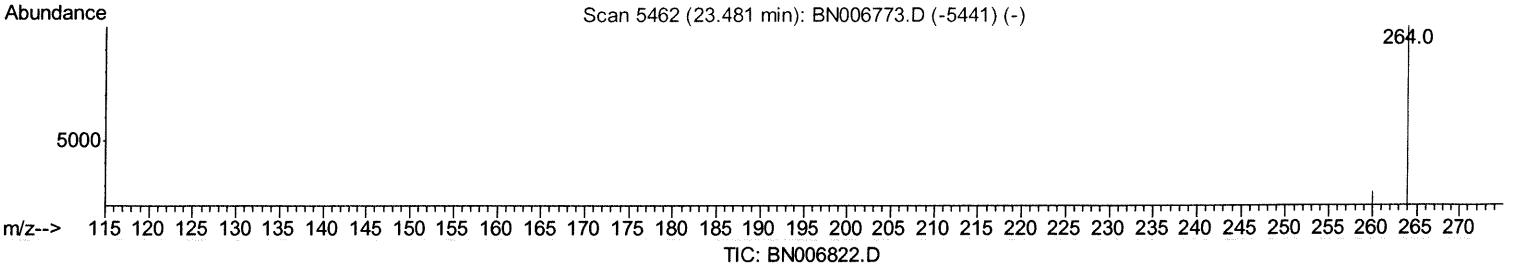
Quant Time: Jul 12 09:00:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK72

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:42 PM







(20) Perylene-d12 (I)

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

response 6986

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.40
265.00	36.10	32.02
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006822.D
Acq On : 12 Jul 2019 07:33
Operator : HP/JU
Sample : PB121272BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK72

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:42 PM

Quant Time: Jul 12 09:01:37 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2647	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9605	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	5023	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	10454m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	8109m>	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6986m>	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4178	0.28	ng/ul	0.01
14) Fluoranthene-d10	19.05	212	9510m>	0.31	ng/ul	0.00
Target Compounds						Qvalue

JU 07/12/19

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