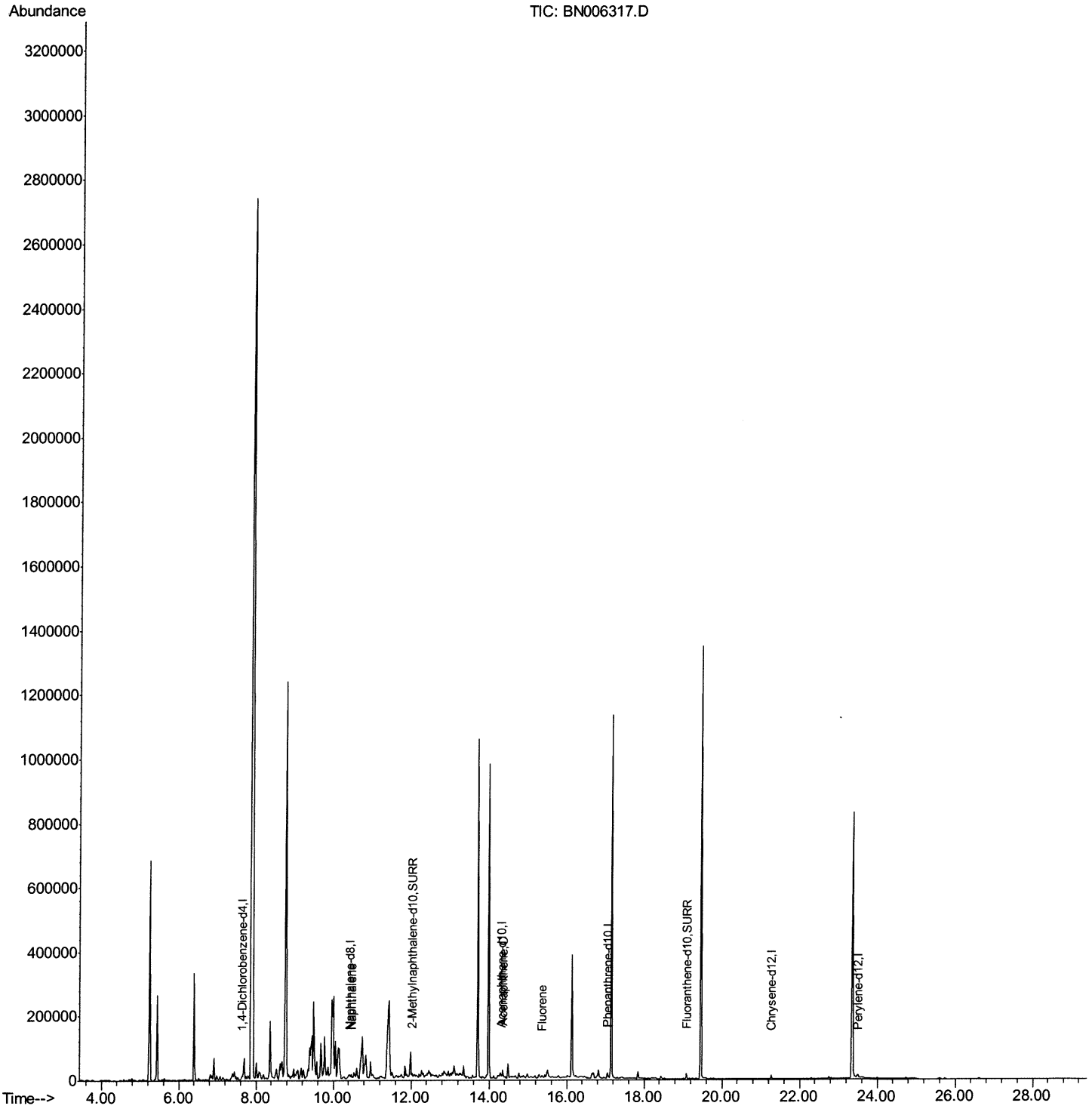
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
Data File : BN006317.D
Acq On : 13 Jun 2019 18:50
Operator : JU/SJ
Sample : K3213-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 14 01:43:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8K1

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:29 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
Data File : BN006317.D
Acq On : 13 Jun 2019 18:50
Operator : JU/SJ
Sample : K3213-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 14 01:40:09 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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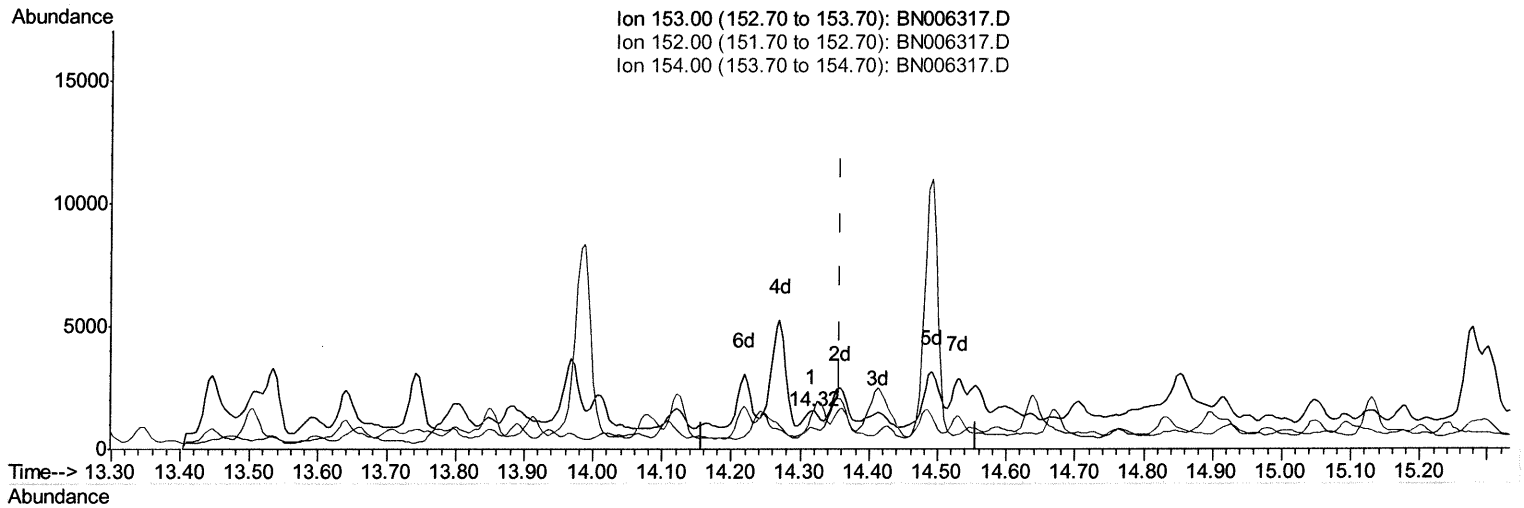
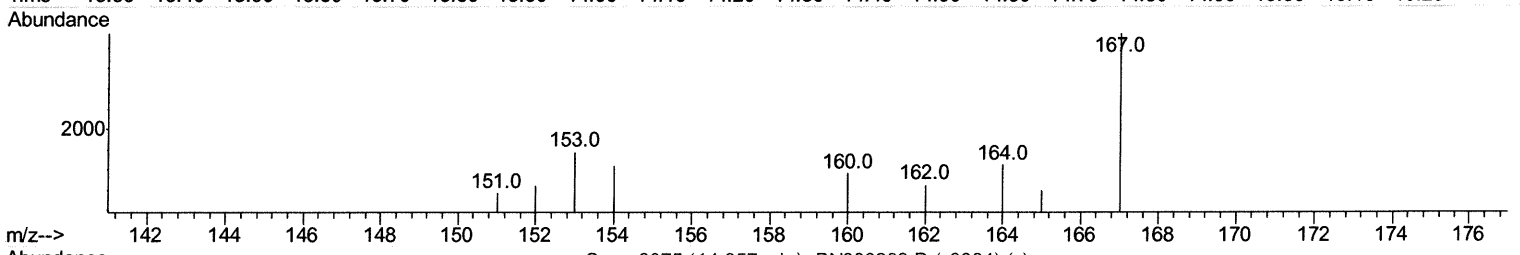
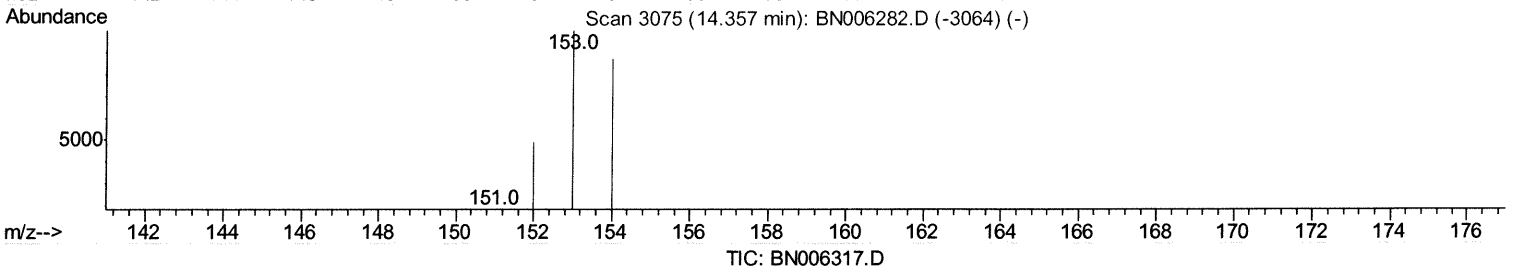
Manual Integrations APPROVED
mohammad
6/14/2019 8:49:29 AM







(8) Acenaphthene (C)

14.315min (-0.042) 0.02ng/ul

response 887

Ion	Exp%	Act%
153.00	100	100
152.00	48.90	57.75
154.00	88.90	82.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
Data File : BN006317.D
Acq On : 13 Jun 2019 18:50
Operator : JU/SJ
Sample : K3213-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 14 01:40:09 2019
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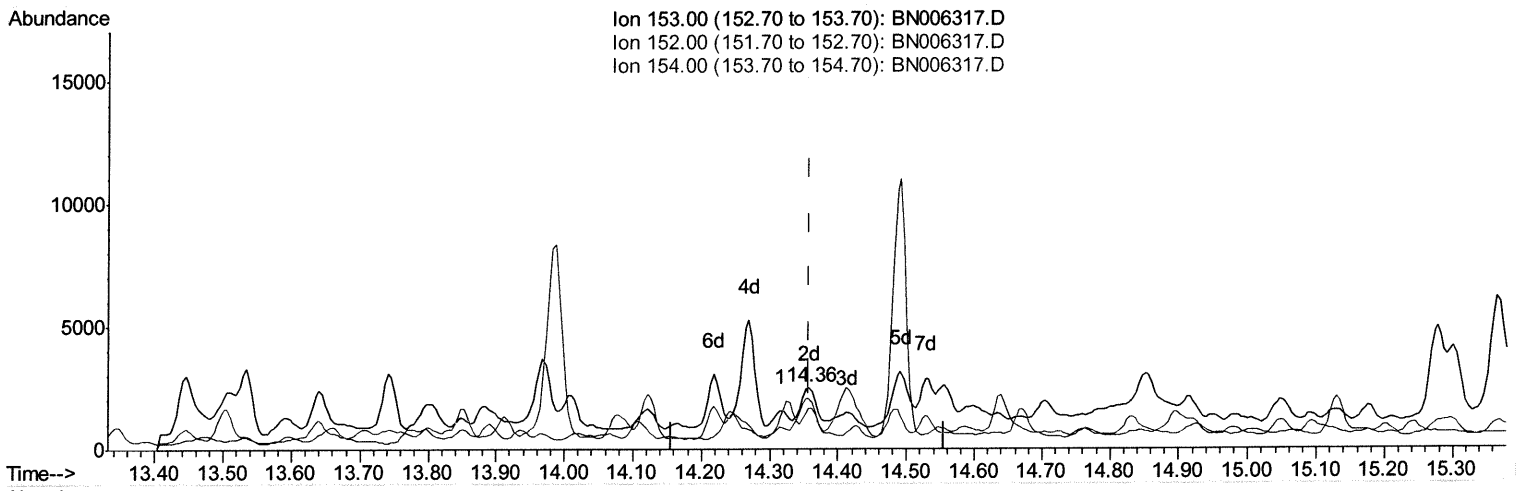
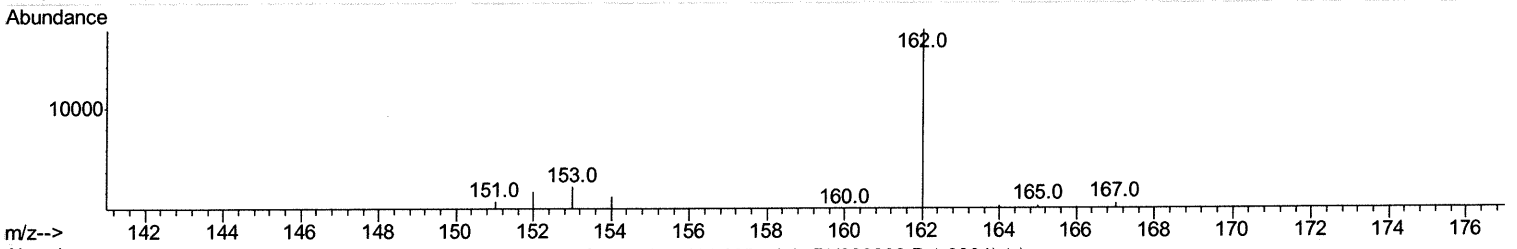
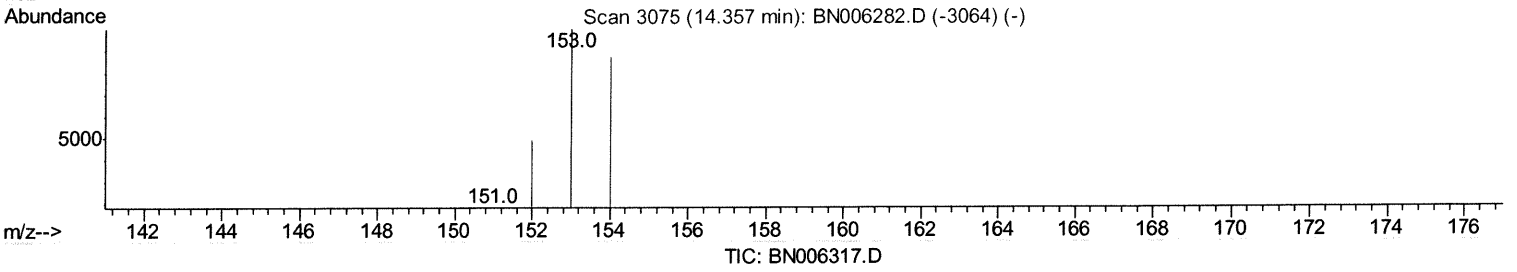
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8K1

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:29 AM







(8) Acenaphthene (C)

14.357min (-0.000) 0.05ng/ul m JU 06/19/19

response 1954

Ion	Exp%	Act%
153.00	100	100
152.00	48.90	82.71#
154.00	88.90	65.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
Data File : BN006317.D
Acq On : 13 Jun 2019 18:50
Operator : JU/SJ
Sample : K3213-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 14 01:40:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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ClientSampleId :
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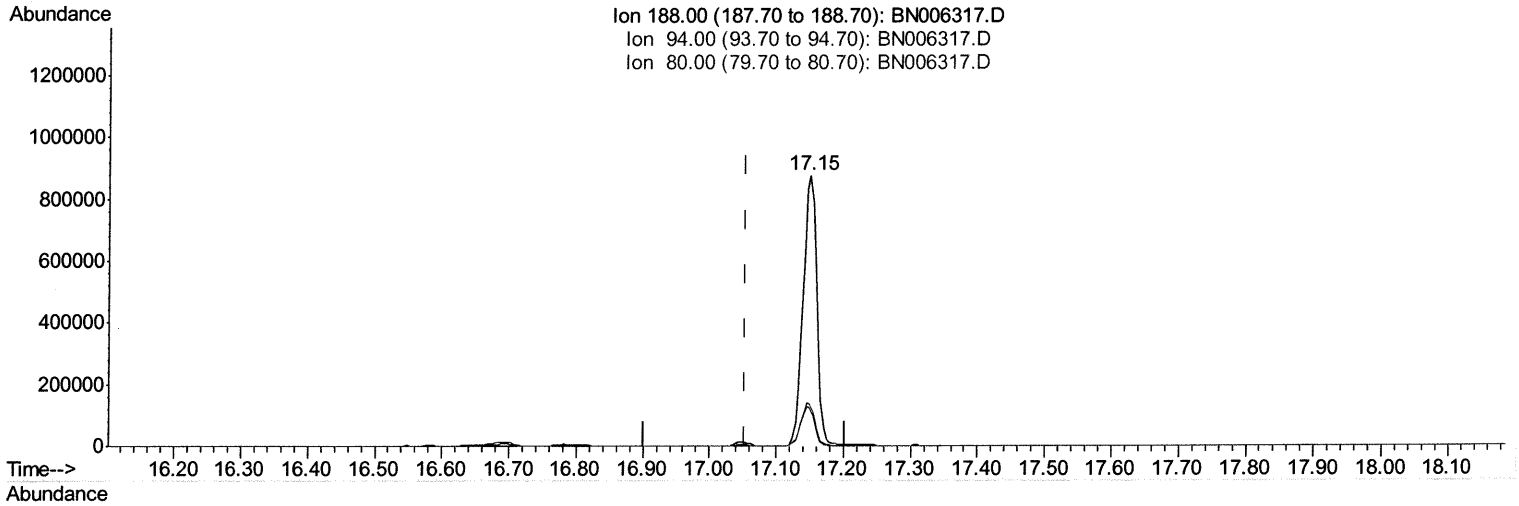
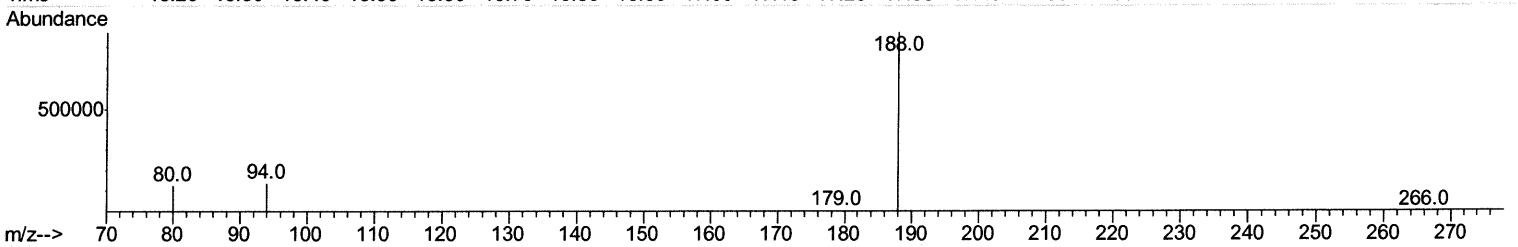
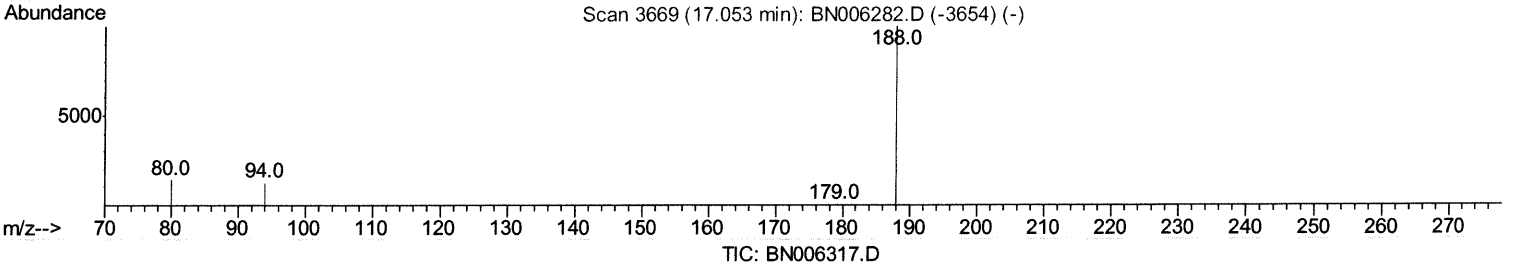
Manual Integrations APPROVED
mohammad
6/14/2019 8:49:29 AM







TIC: BN006317.D

(10) Phenanthrene-d10 (I)

17.149min (+0.097) 0.40ng/ul

response 1248149

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.61#
80.00	13.60	14.10
0.00	0.00	0.00

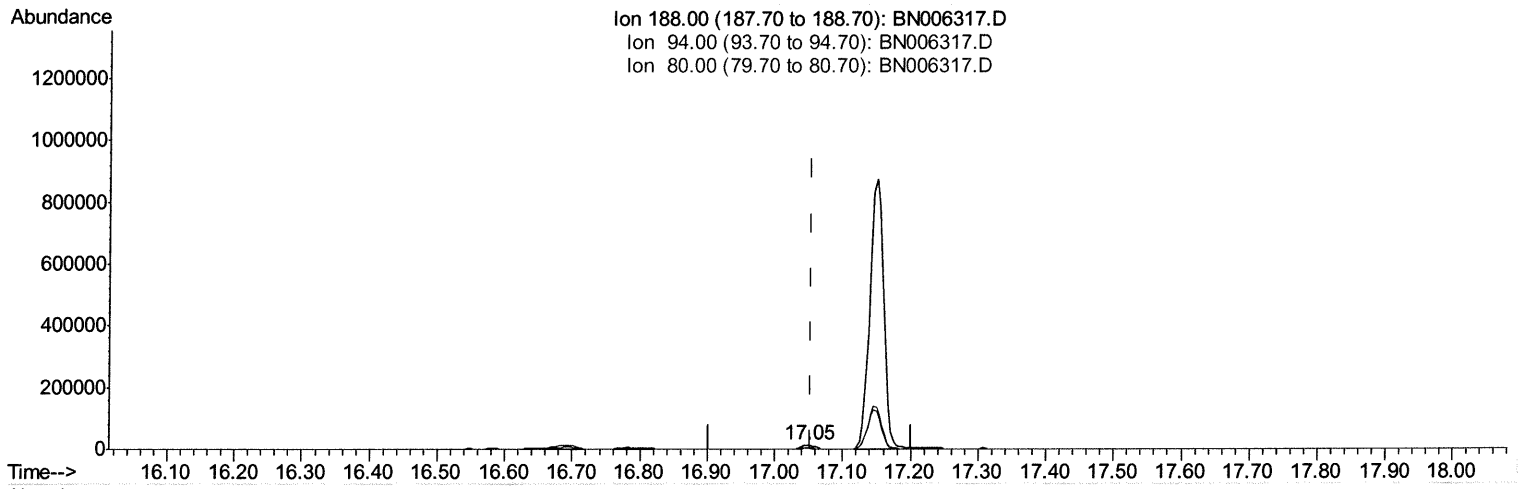
Quantitation Report (Qedit)

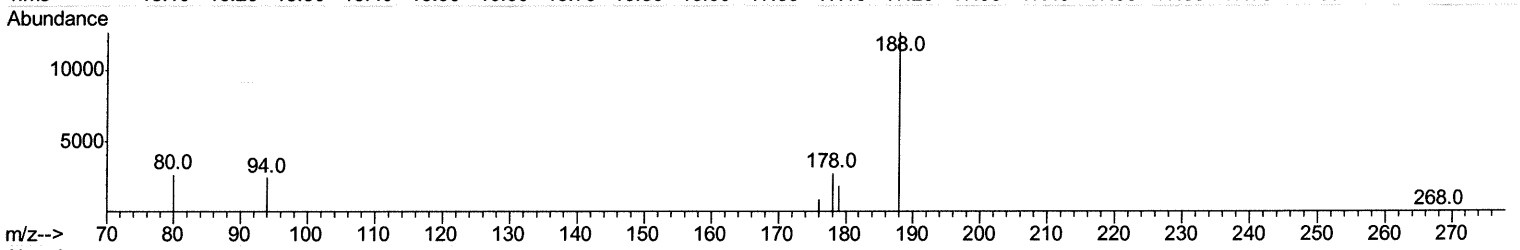
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
Data File : BN006317.D
Acq On : 13 Jun 2019 18:50
Operator : JU/SJ
Sample : K3213-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

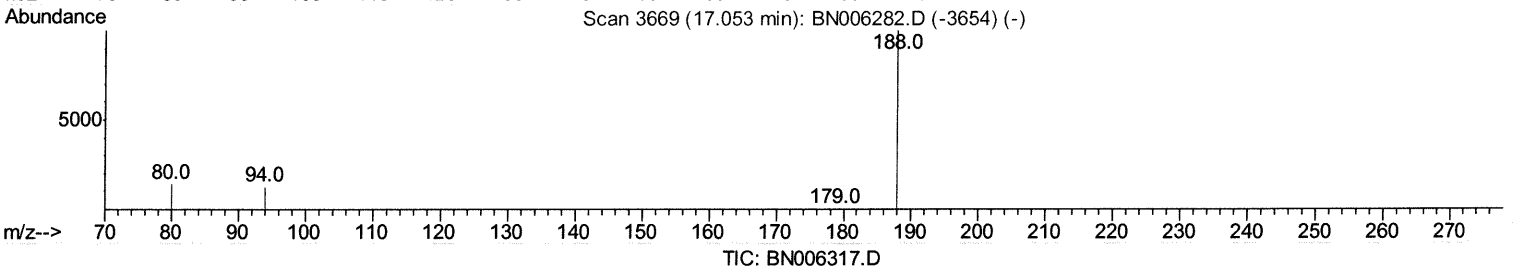
Quant Time: Jun 14 01:40:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8K1

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:29 AM







TIC: BN006317.D

(10) Phenanthrene-d10 (I)

17.048min (-0.004) 0.40ng/ul m JU 06/19/19

response 17691

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	19.47#
80.00	13.60	21.06#
0.00	0.00	0.00

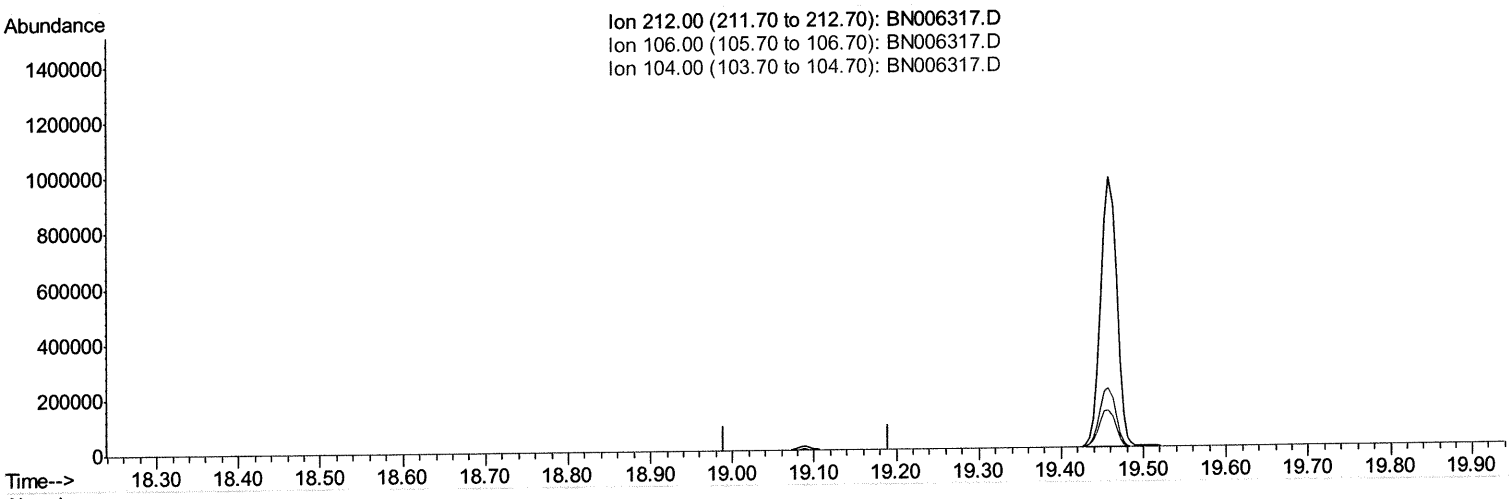
Quantitation Report (Qedit)

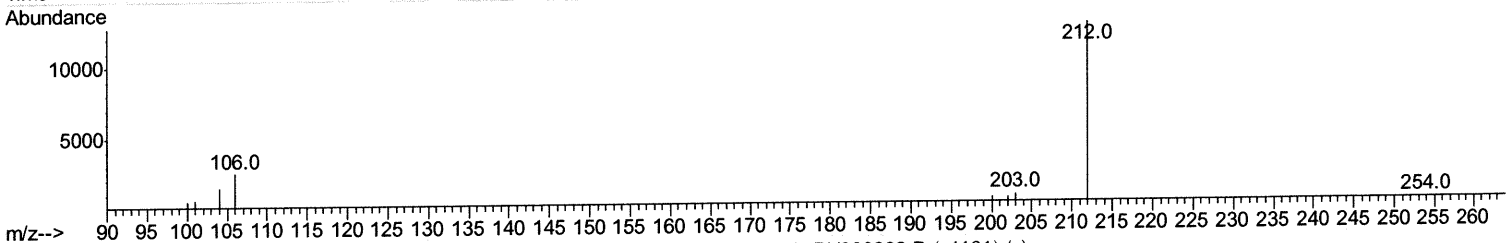
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
Data File : BN006317.D
Acq On : 13 Jun 2019 18:50
Operator : JU/SJ
Sample : K3213-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 14 01:41:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

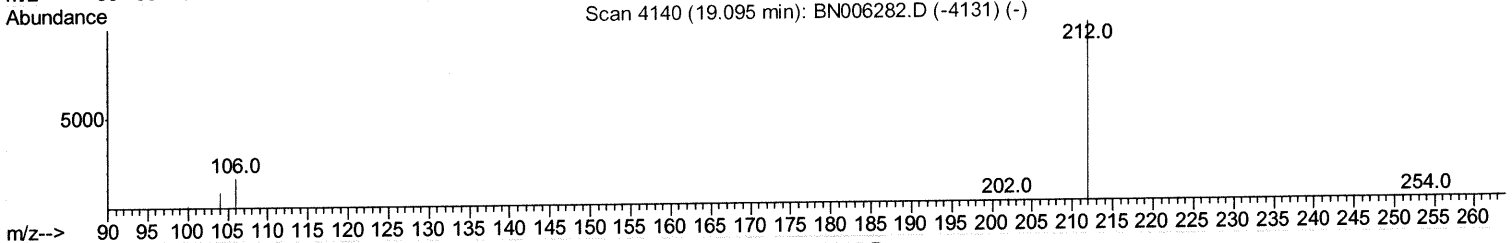
Instrument :
BNA_N
ClientSampleId :
DB8K1

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:29 AM





Scan 4140 (19.095 min): BN006282.D (-4131) (-)



TIC: BN006317.D

(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

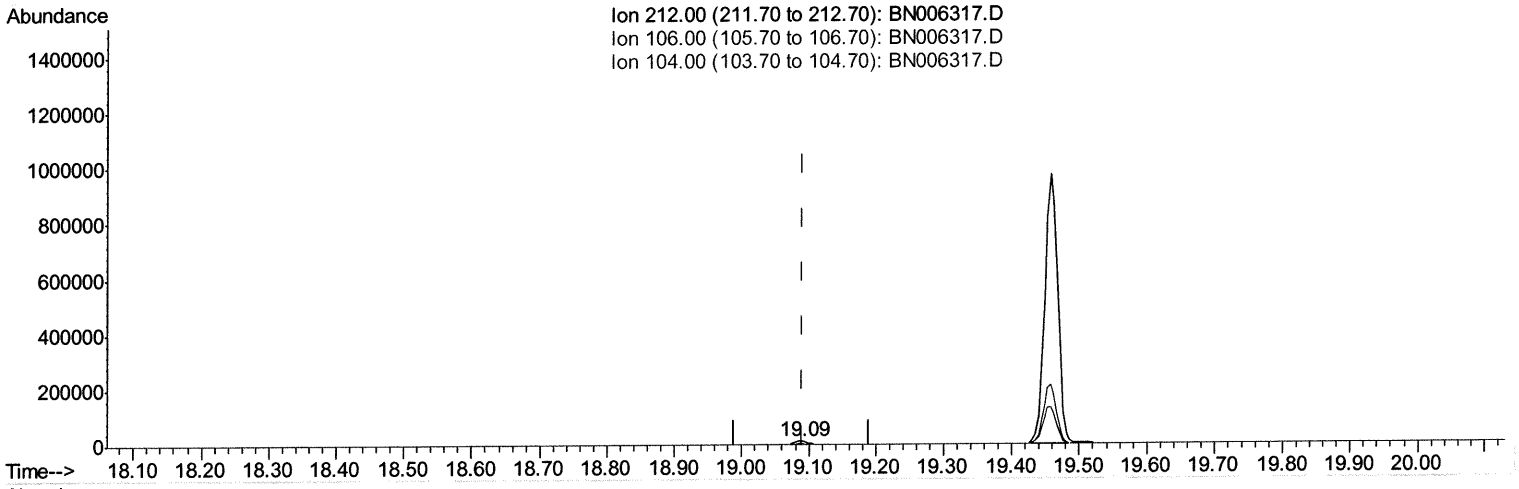
Quantitation Report (Qedit)

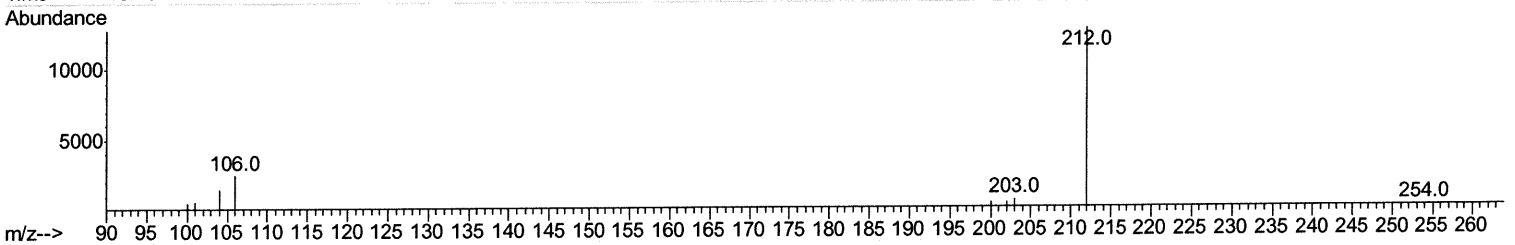
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
Data File : BN006317.D
Acq On : 13 Jun 2019 18:50
Operator : JU/SJ
Sample : K3213-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

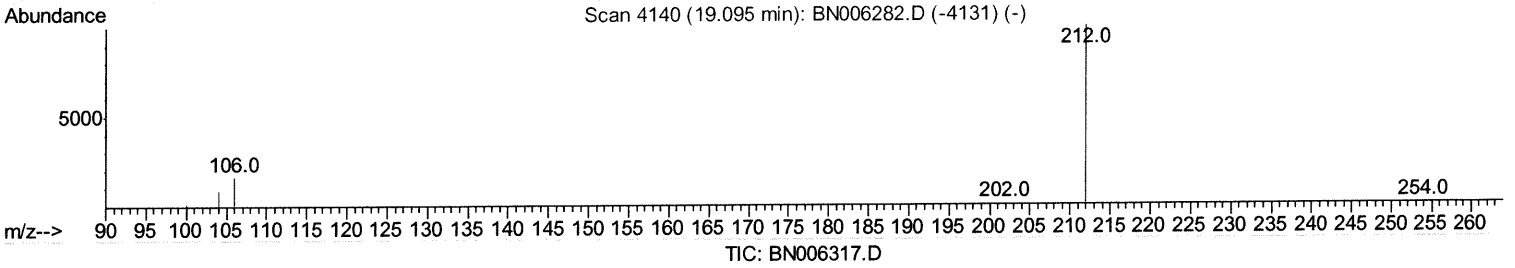
Quant Time: Jun 14 01:41:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8K1

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:29 AM







TIC: BN006317.D

(14) Fluoranthene-d10 (SURR)

19.090min (-0.000) 0.35ng/ul m JU 06/19/19

response 16402

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
Data File : BN006317.D
Acq On : 13 Jun 2019 18:50
Operator : JU/SJ
Sample : K3213-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 14 01:41:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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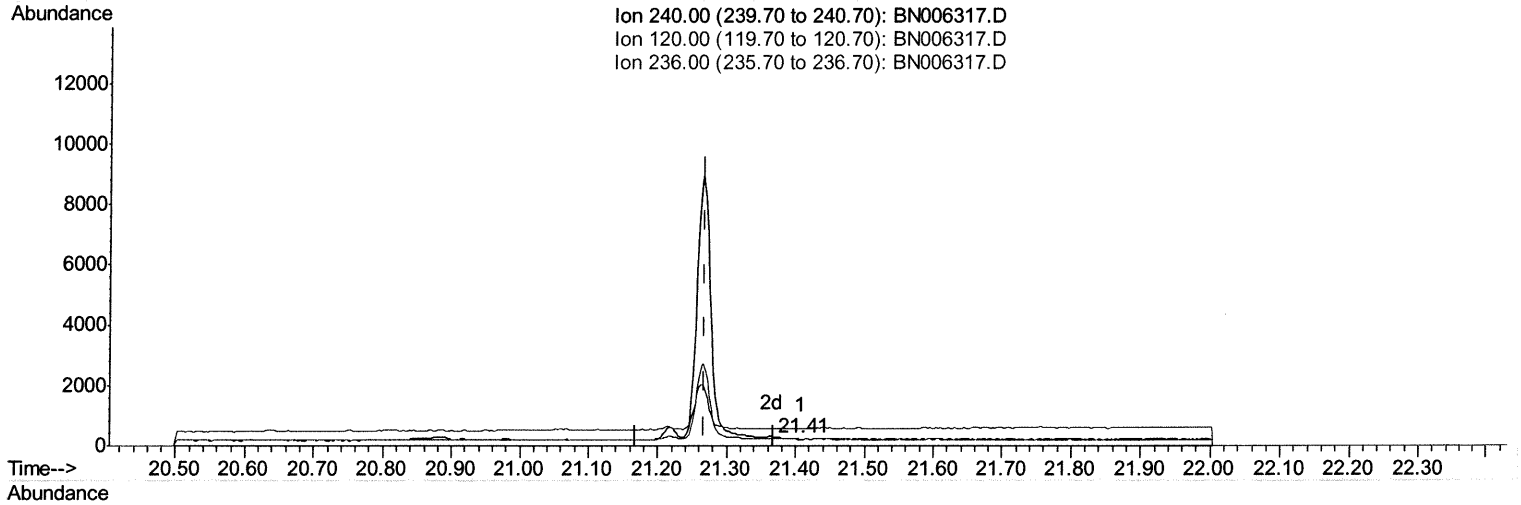
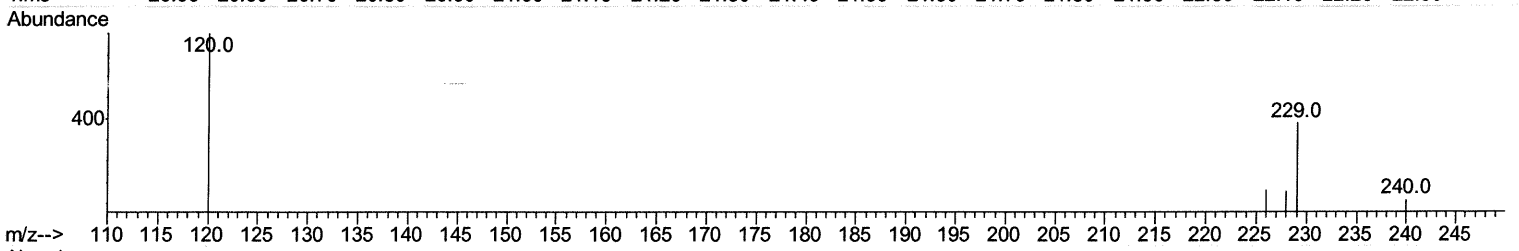
Response via : Initial Calibration

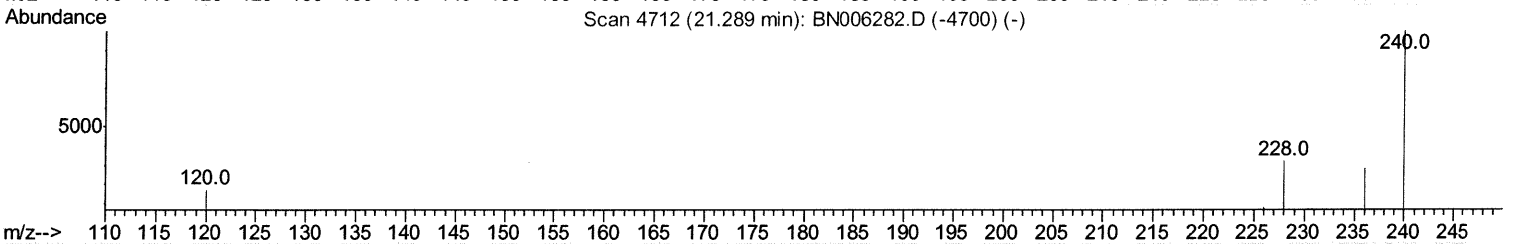
Instrument :
BNA_N
ClientSampleId :
DB8K1

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:29 AM





Scan 4712 (21.289 min): BN006282.D (-4700) (-)



TIC: BN006317.D

(16) Chrysene-d12 (I)

21.408min (+0.140) 0.40ng/ul

response 18

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	226.21#
236.00	30.10	90.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
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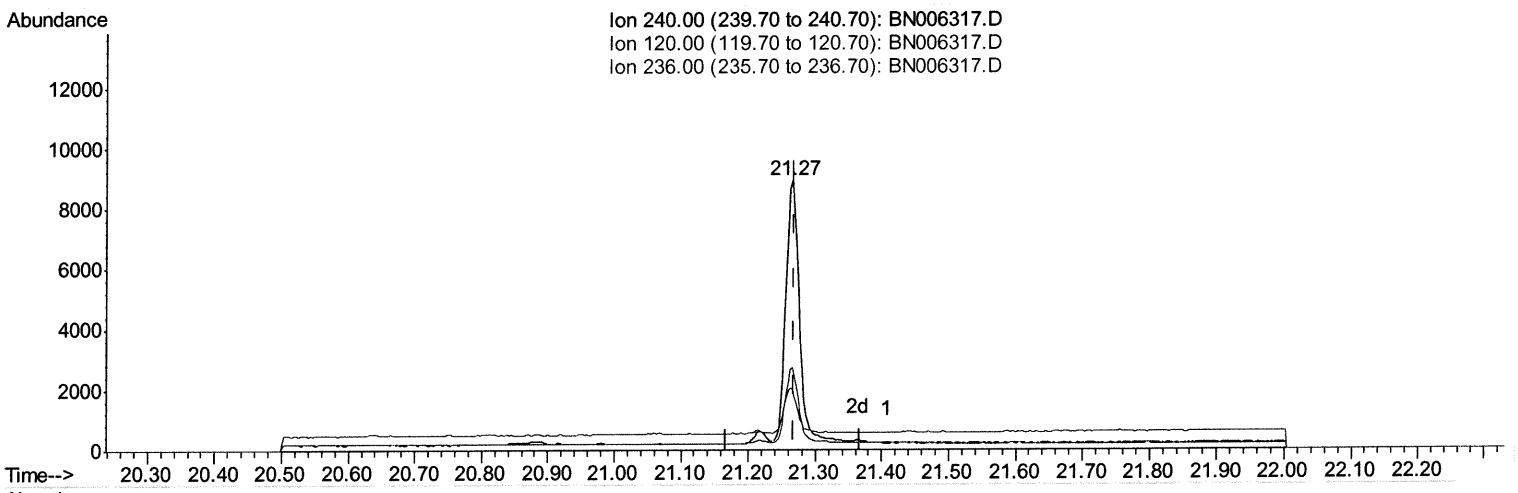
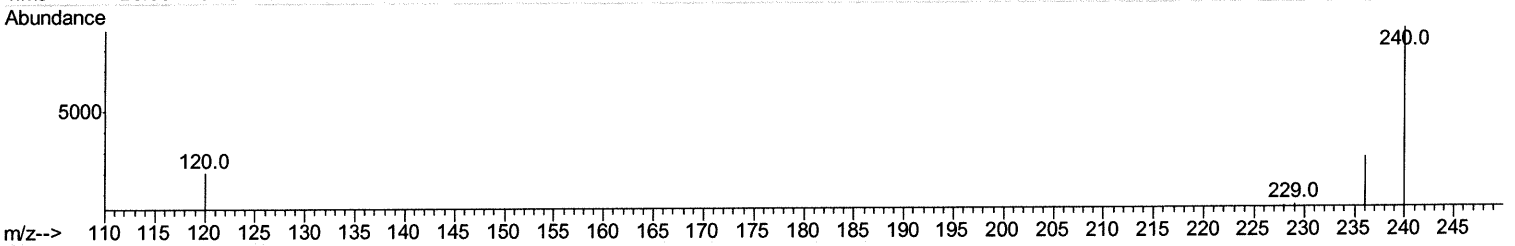
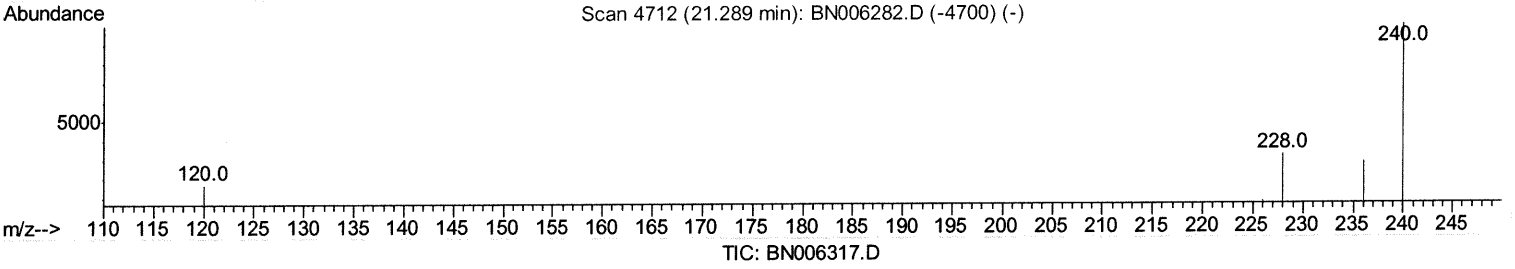
Instrument :
BNA_N
ClientSampleId :
DB8K1

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:29 AM







TIC: BN006317.D

(16) Chrysene-d12 (I)

21.265min (-0.003) 0.40ng/ul m JU 06/19/19

response 11889

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	22.66
236.00	30.10	30.33
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ClientSampleId :
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Manual Integrations APPROVED
mohammad
6/14/2019 8:49:29 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4157	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	16709	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10300	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	17691m >	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11889m >	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	20476	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	9516	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	16402m >	0.35	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	13229	0.287	ng/ul#	86
8) Acenaphthene	14.36	153	1954m >	0.049	ng/ul	
9) Fluorene	15.35	166	2655	0.057	ng/ul#	74

JU 06/19/19

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