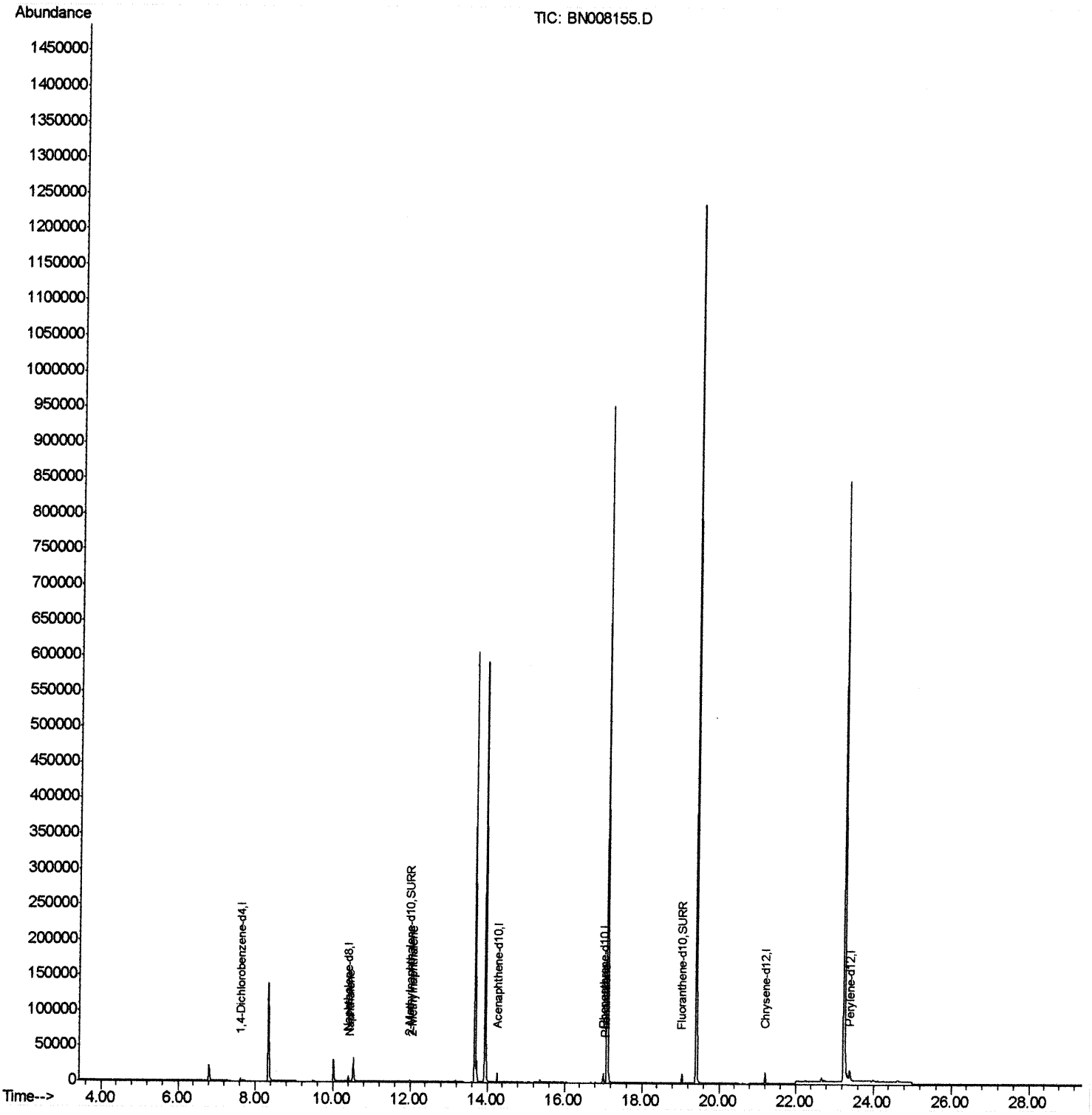
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008155.D
Acq On : 15 Oct 2019 04:10
Operator : JU
Sample : K5097-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 15 04:58:05 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 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLME1

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:40 PM



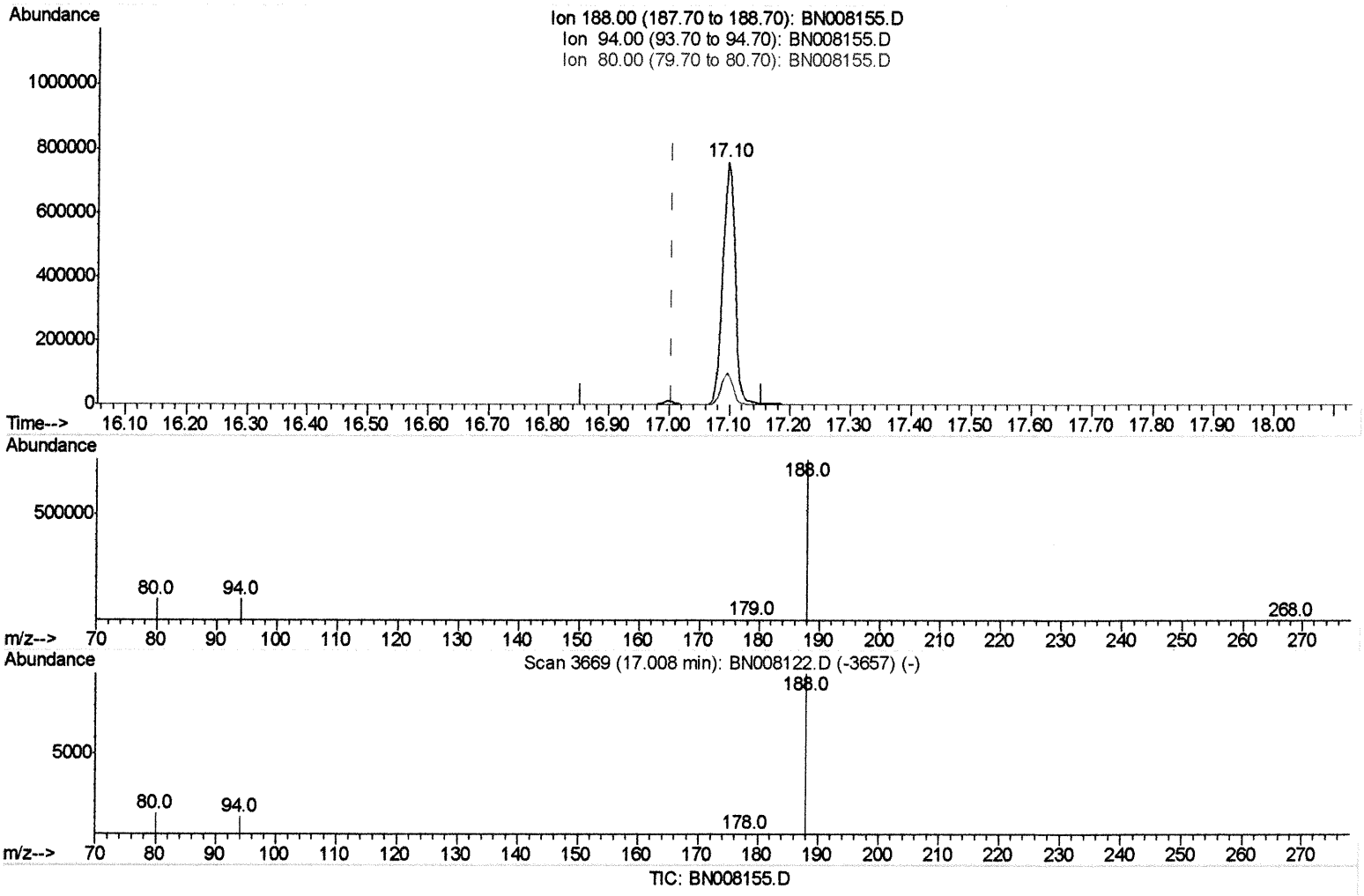
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008155.D
Acq On : 15 Oct 2019 04:10
Operator : JU
Sample : K5097-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 15 04:54:25 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 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLME1

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:40 PM



TIC: BN008155.D

(10) Phenanthrene-d10 (I)

17.096min (+0.092) 0.40ng/ul

response 1058405

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	13.00
80.00	12.60	12.79
0.00	0.00	0.00

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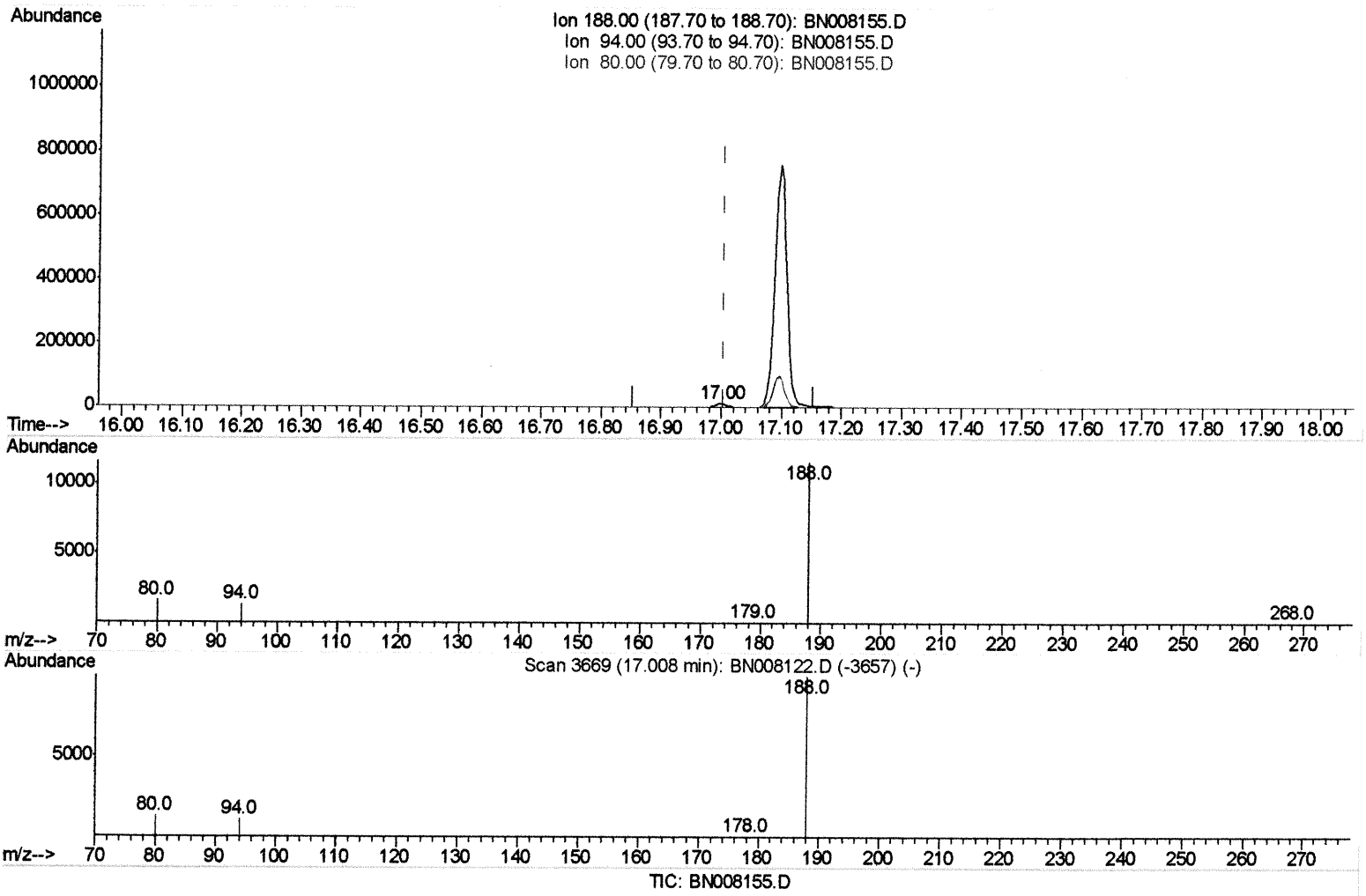
ClientSampleId :
JLME1

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:40 PM



(10) Phenanthrene-d10 (I)

16.999min (-0.005) 0.40ng/ul m JU 10/16/19

response 16908

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.42
80.00	12.60	13.83
0.00	0.00	0.00

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Data File : BN008155.D
Acq On : 15 Oct 2019 04:10
Operator : JU
Sample : K5097-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 15 04:55:50 2019
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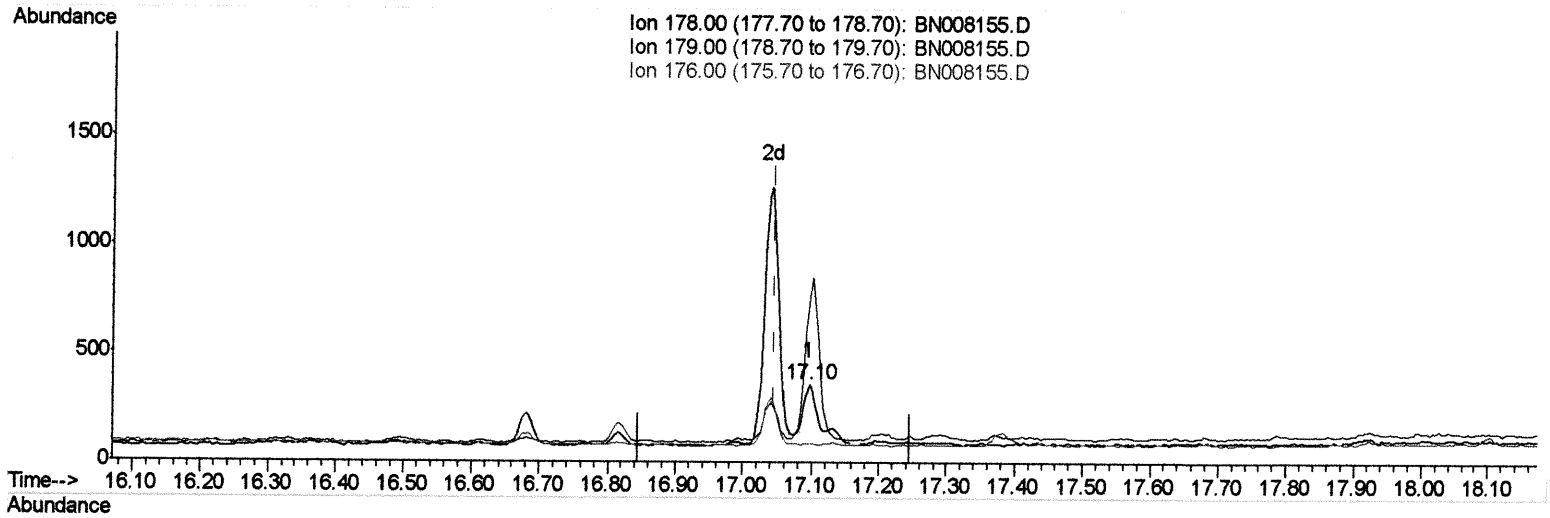
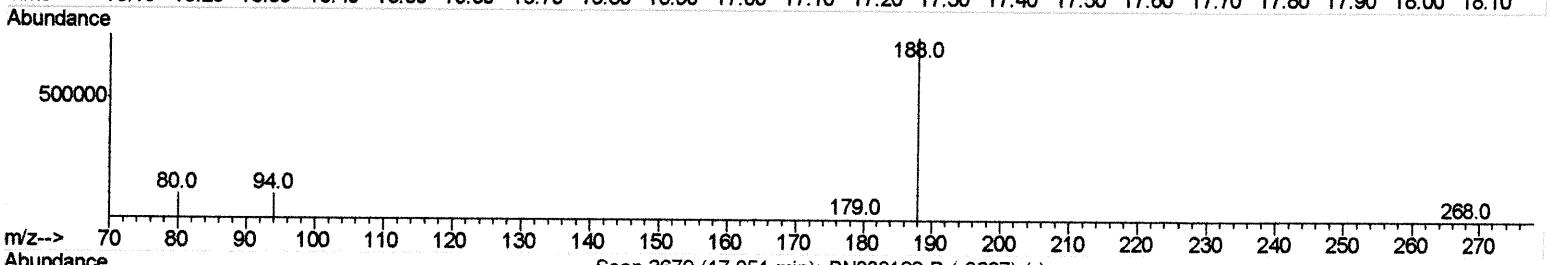
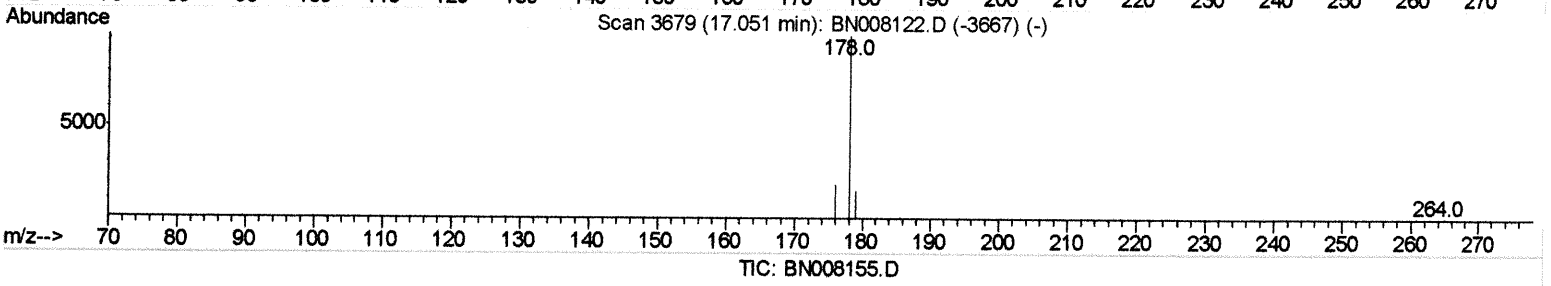
Instrument :
BNA_N
ClientSampleId :
JLME1

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:40 PM







TIC: BN008155.D

(12) Phenanthrene

17.096min (+0.050) 0.01ng/ul

response 485

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	215.69#
176.00	19.30	24.93#
0.00	0.00	0.00

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Acq On : 15 Oct 2019 04:10
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 15 04:55:50 2019
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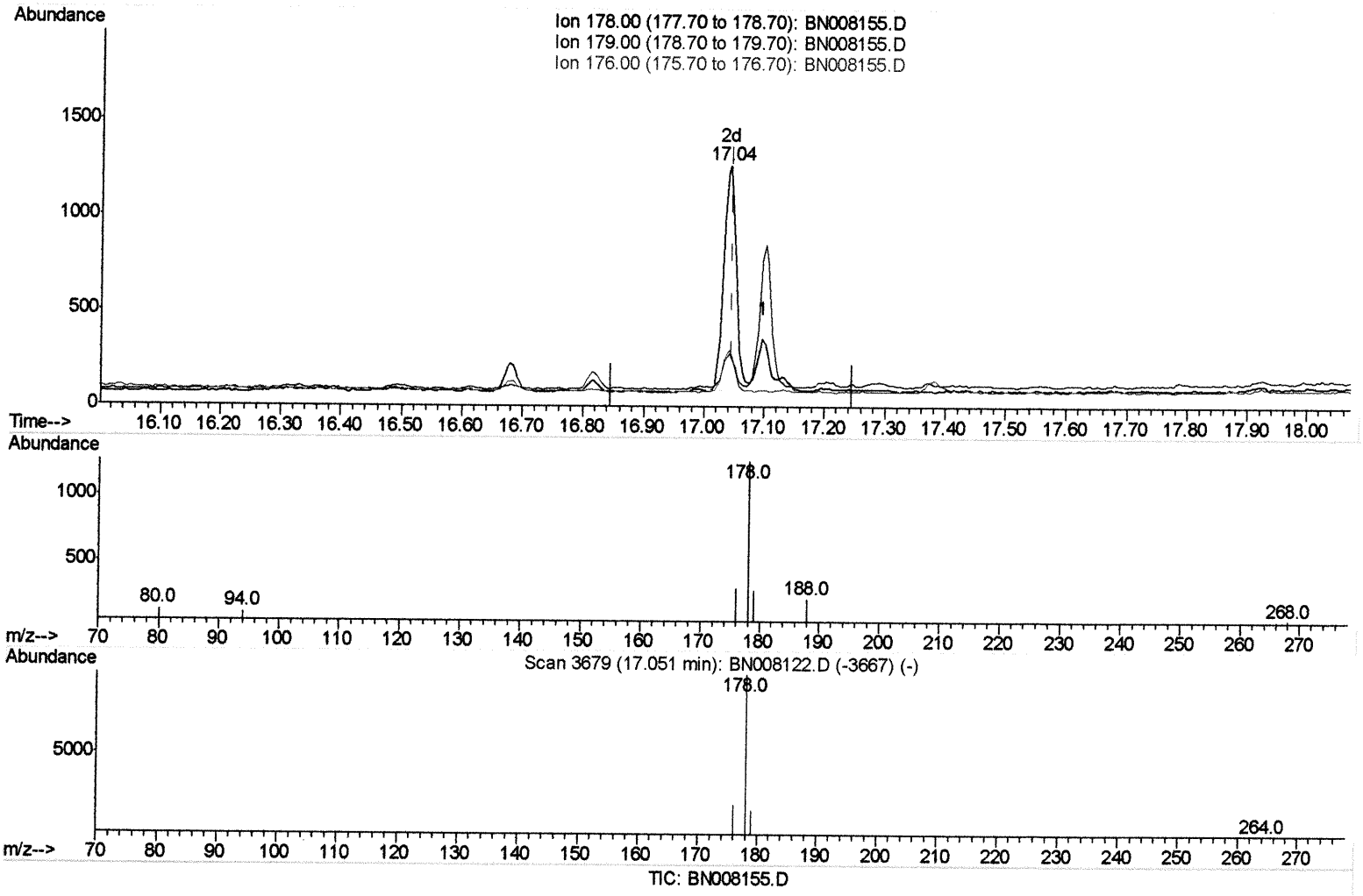
Instrument :
BNA_N
ClientSampleId :
JLME1

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:40 PM



TIC: BN008155.D

(12) Phenanthrene

17.042min (-0.005) 0.03ng/ul m JU 10/16/19

response 1689

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	22.12#
176.00	19.30	23.54#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008155.D
Acq On : 15 Oct 2019 04:10
Operator : JU
Sample : K5097-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 15 04:55:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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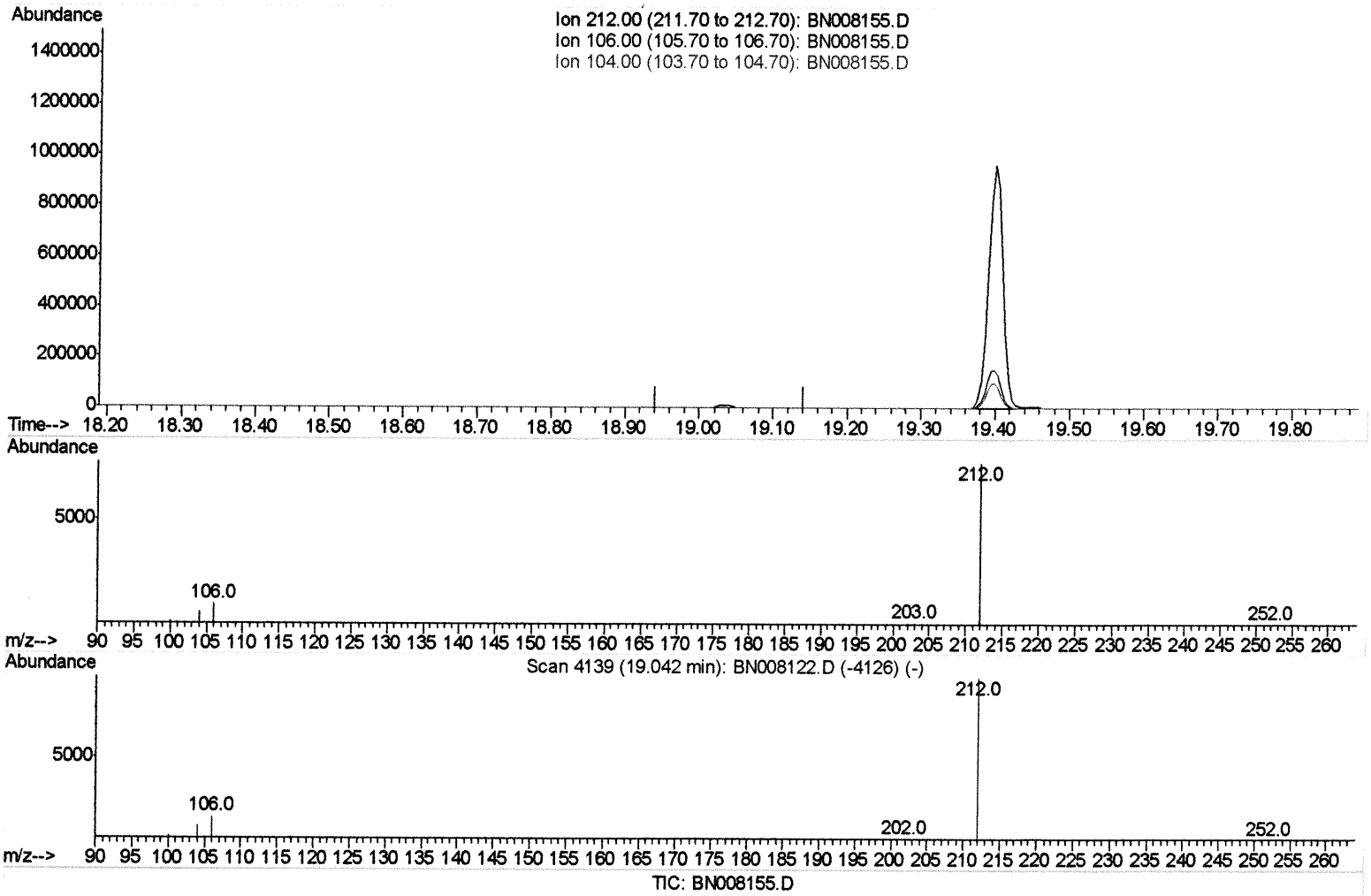
QLast Update : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLME1

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:40 PM



(14) Fluoranthene-d10 (SURR)

19.042min (-19.042) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008155.D
Acq On : 15 Oct 2019 04:10
Operator : JU
Sample : K5097-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 15 04:55:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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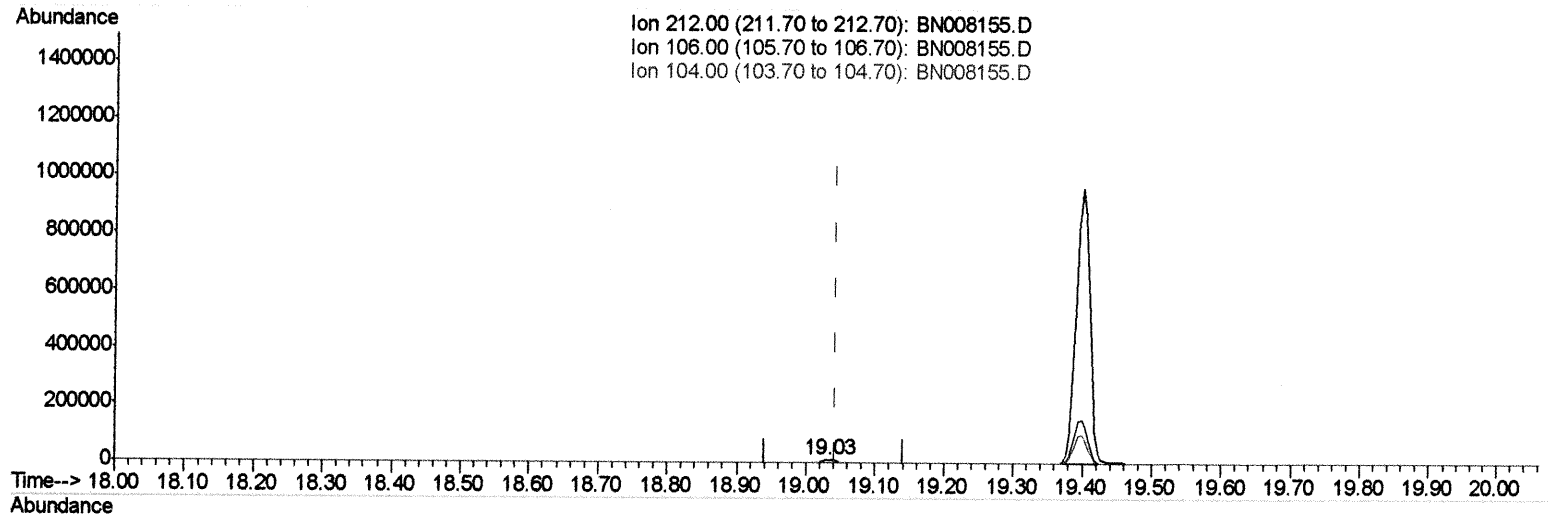
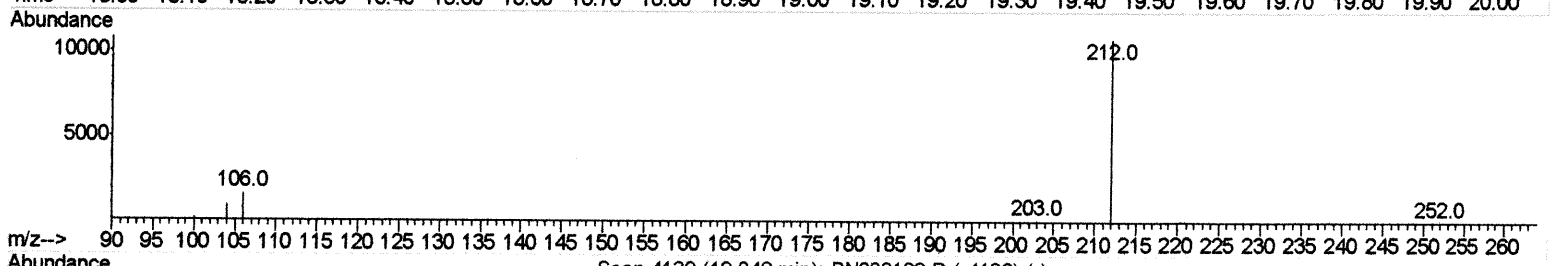
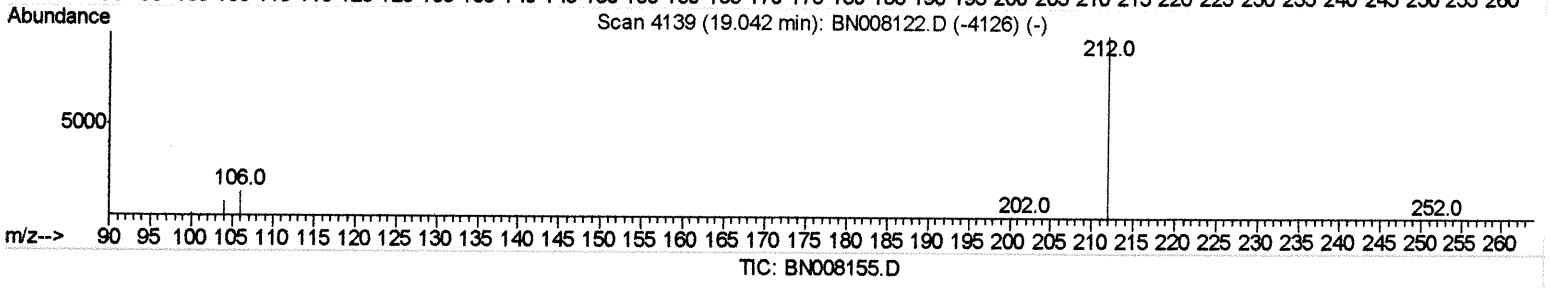
QLast Update : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLME1

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:40 PM







TIC: BN008155.D

(14) Fluoranthene-d10 (SURR)

19.032min (-0.010) 0.25ng/ul m JU 10/16/19

response 14779

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 23 Sample Multiplier: 1

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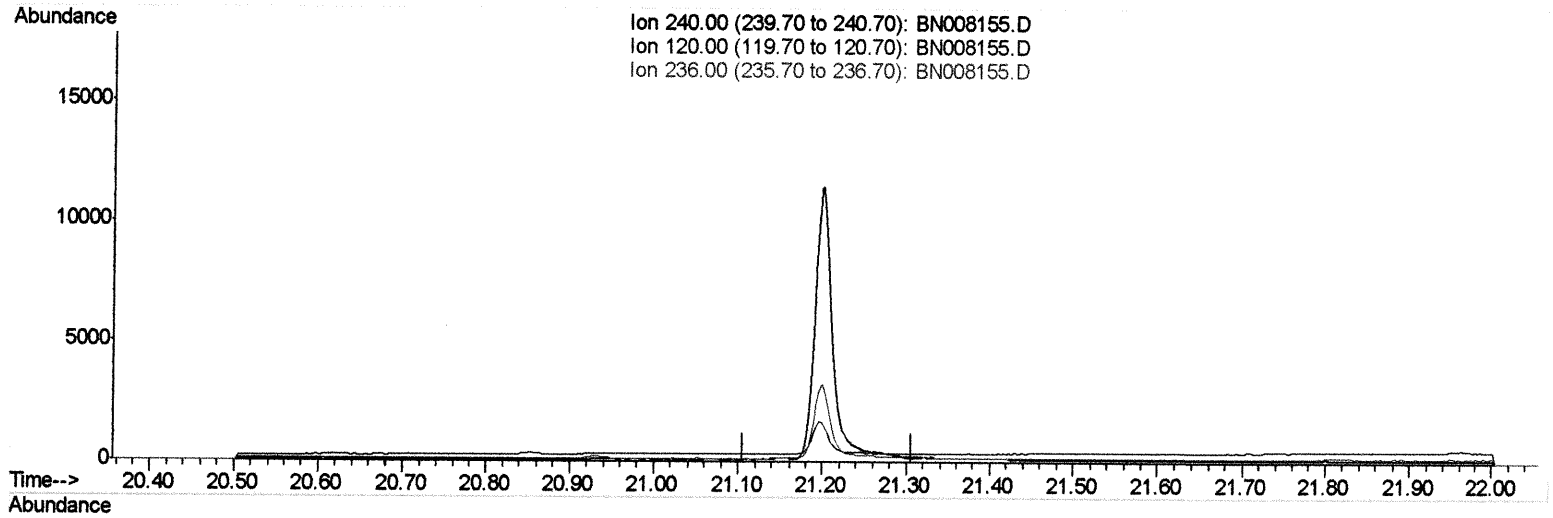
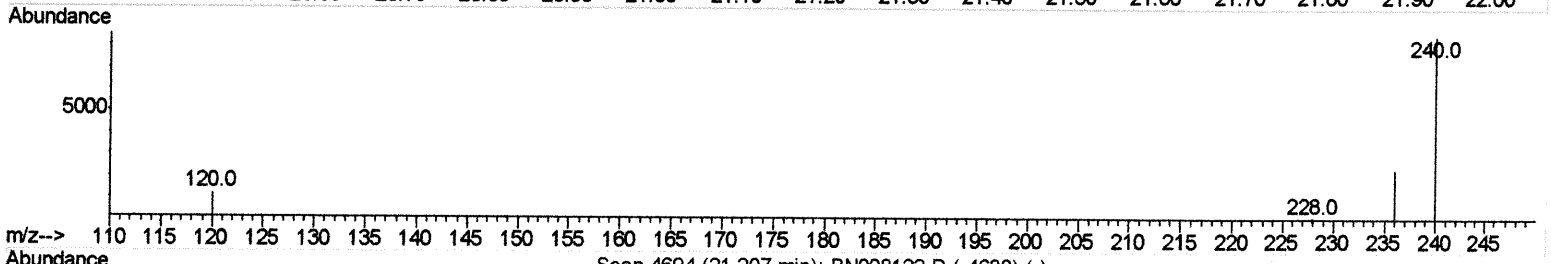
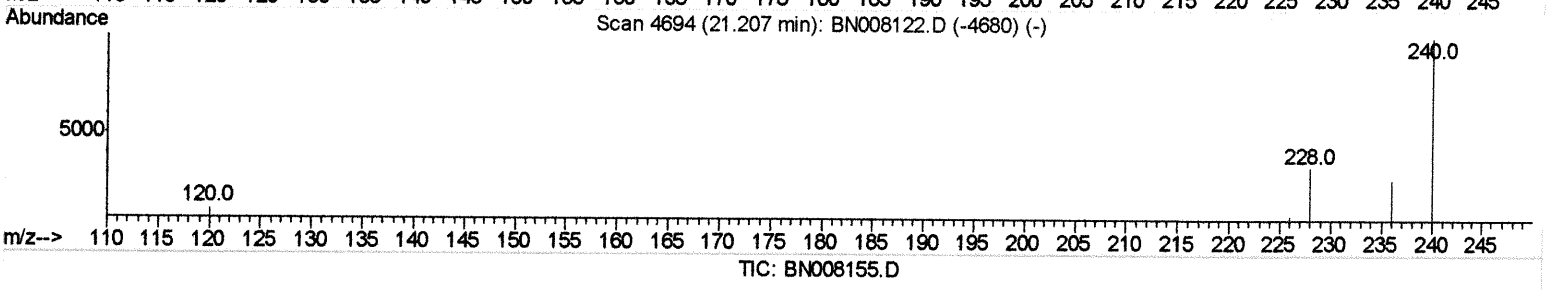
Instrument :
BNA_N
ClientSampleId :
JLME1

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:40 PM







(16) Chrysene-d12 (I)

21.207min (-21.207) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	14.70	0.00#
236.00	28.40	0.00#
0.00	0.00	0.00

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ClientSampleId :
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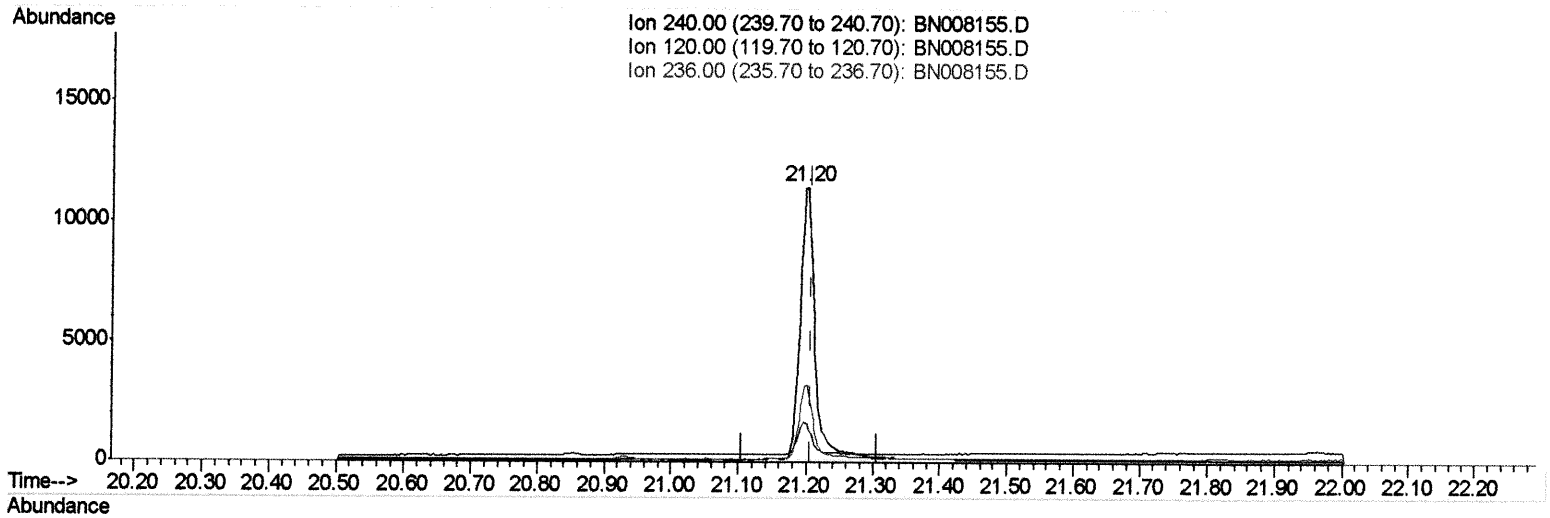
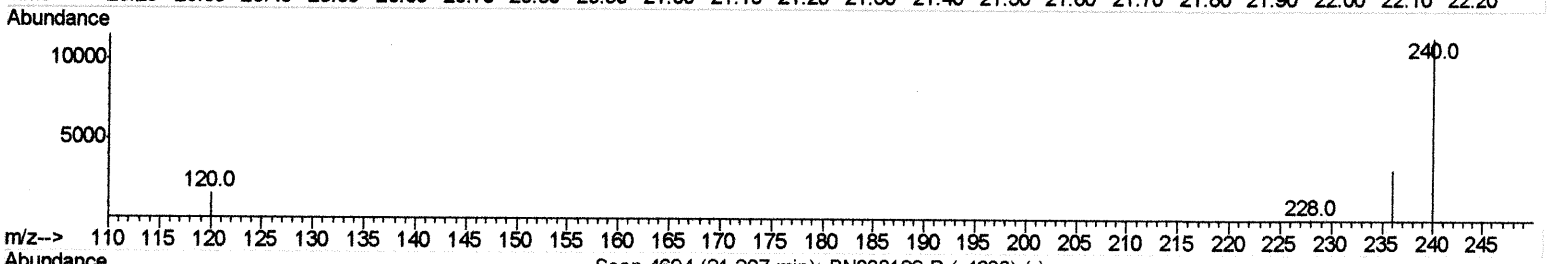
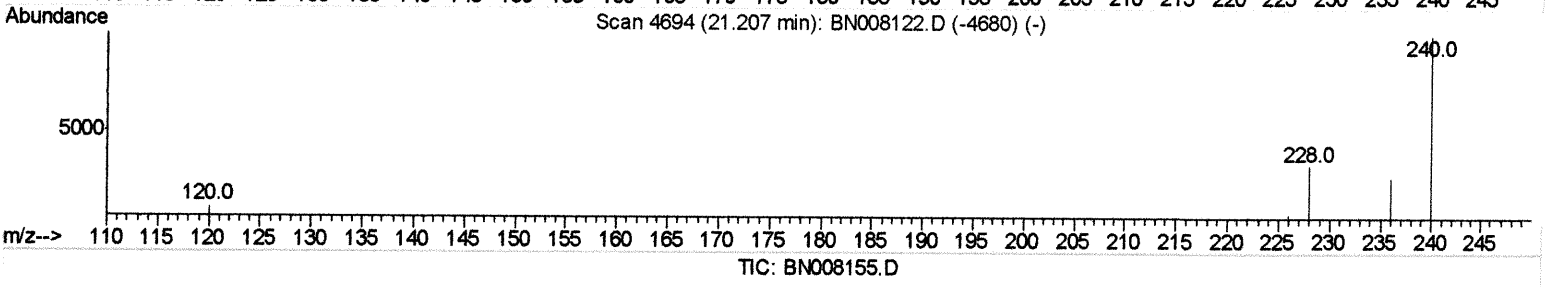
Manual Integrations APPROVED
mohammad
10/15/2019 1:30:40 PM







TIC: BN008155.D

(16) Chrysene-d12 (I)

21.200min (-0.007) 0.40ng/ul m JU 10/16/19

response 17611

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	14.11
236.00	28.40	28.11
0.00	0.00	0.00

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mohammad
10/15/2019 1:30:40 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2176	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	10971	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	7326	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	16908m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	17611m	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	18438	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4742	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	14779m	0.25	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.43	128	997	0.032	ng/ul#	78
5) 2-Methylnaphthalene	12.06	142	1072	0.050	ng/ul	98
12) Phenanthrene	17.04	178	1689m	0.034	ng/ul	

JU 10/16/19

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