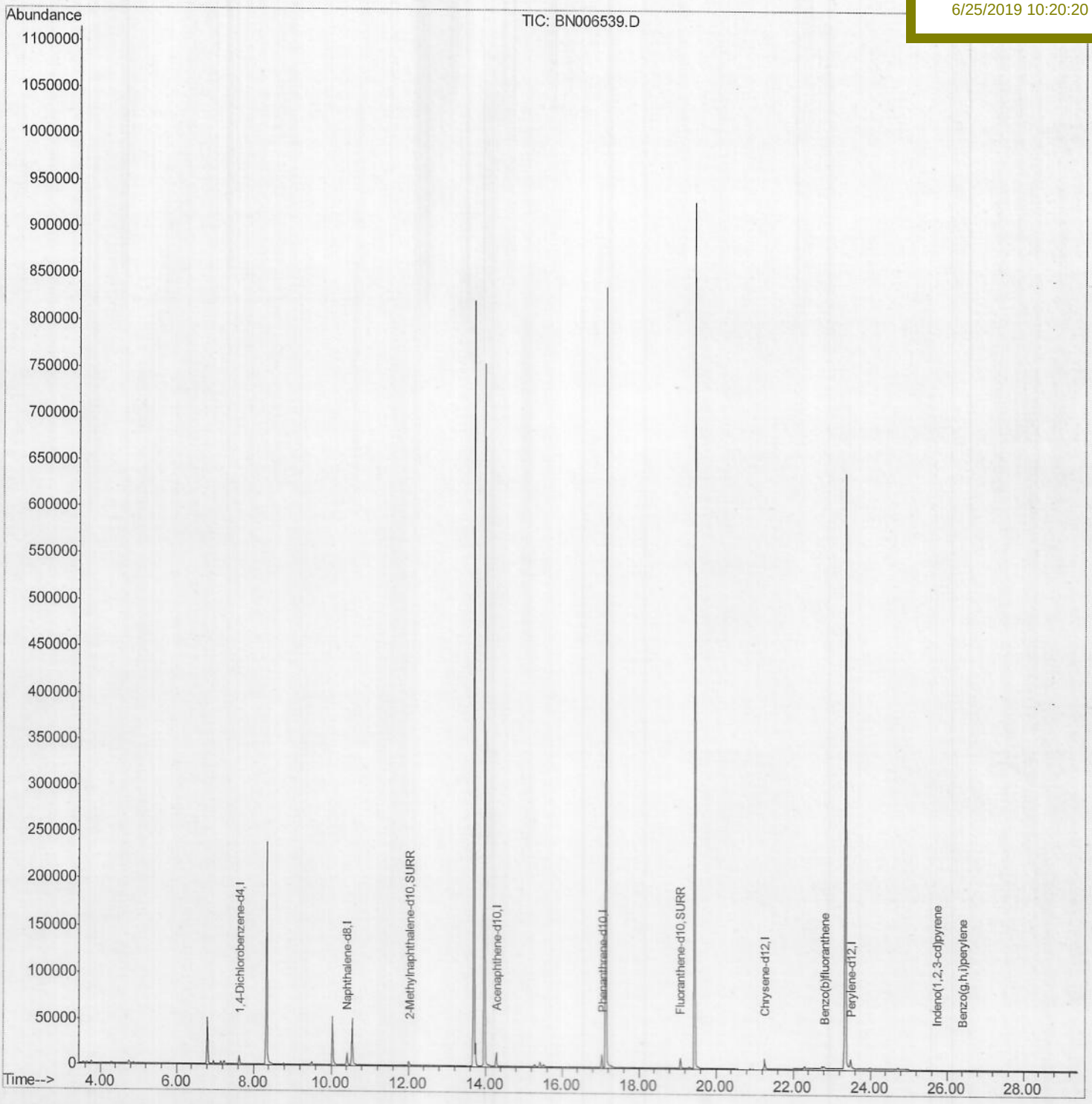
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006539.D
Acq On : 24 Jun 2019 19:55
Operator : HP/JU
Sample : K3362-25
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 25 03:15:48 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 : Tue Jun 25 01:51:13 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4213

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:20 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006539.D
Acq On : 24 Jun 2019 19:55
Operator : HP/JU
Sample : K3362-25
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 25 03:12:34 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 : Tue Jun 25 01:51:13 2019
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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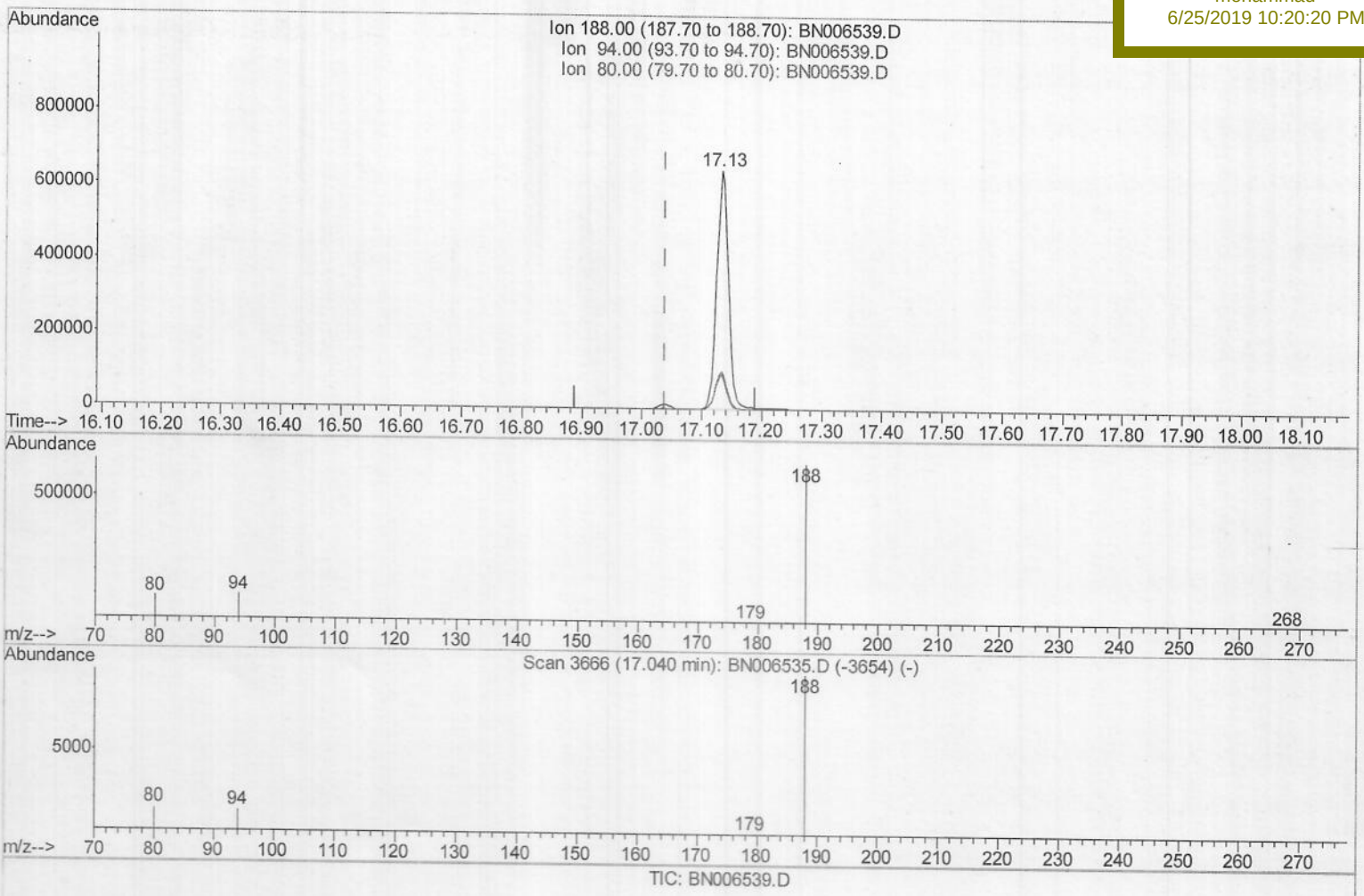

TIC: BN006539.D

(10) Phenanthrene-d10 (I)

17.132min (+0.093) 0.40ng/ul

response 890321

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.55
80.00	13.60	14.23
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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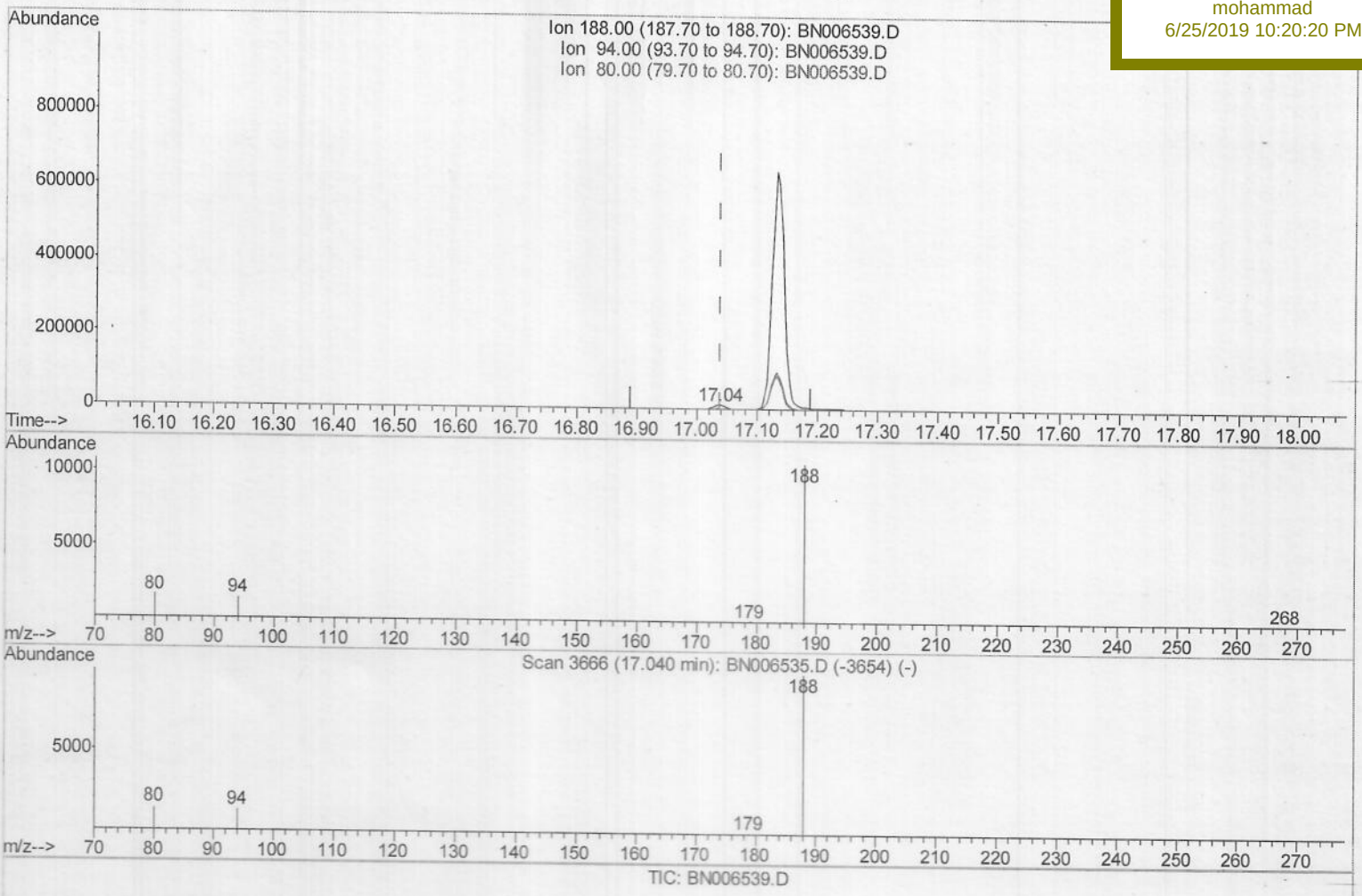

(10) Phenanthrene-d10 (I)

17.035min (-0.004) 0.40ng/ul m > JU 06/26/19

response 15297

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.56
80.00	13.60	15.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006539.D
Acq On : 24 Jun 2019 19:55
Operator : HP/JU
Sample : K3362-25
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 25 03:13:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Tue Jun 25 01:51:13 2019
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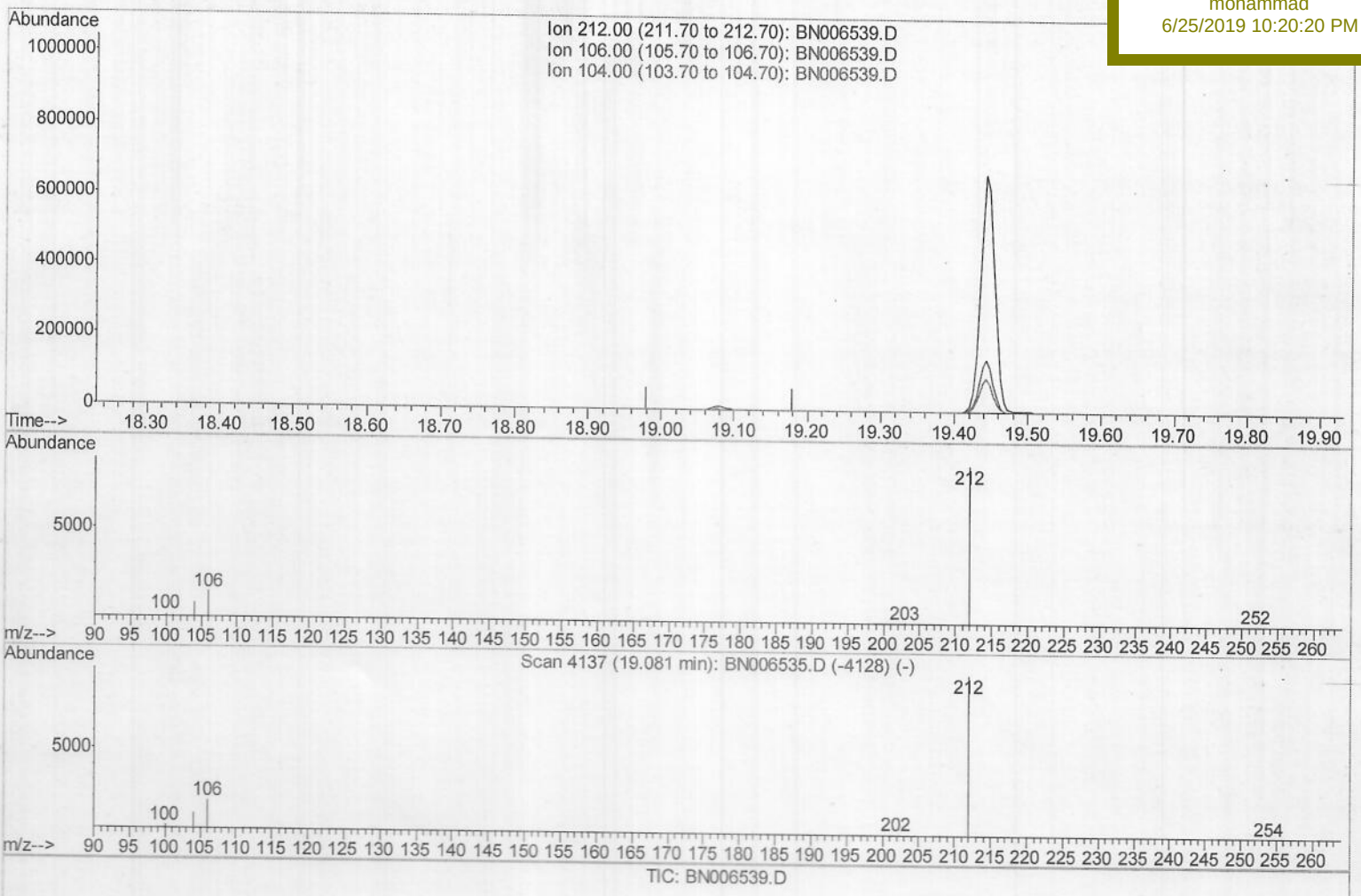
Instrument :
BNA_N
ClientSampleId :
A4213

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:20 PM



(14) Fluoranthene-d10 (SURR)

19.081min (-19.081) 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\BN062419\
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Acq On : 24 Jun 2019 19:55
Operator : HP/JU
Sample : K3362-25
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 25 03:13:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
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BNA_N
ClientSampleId :
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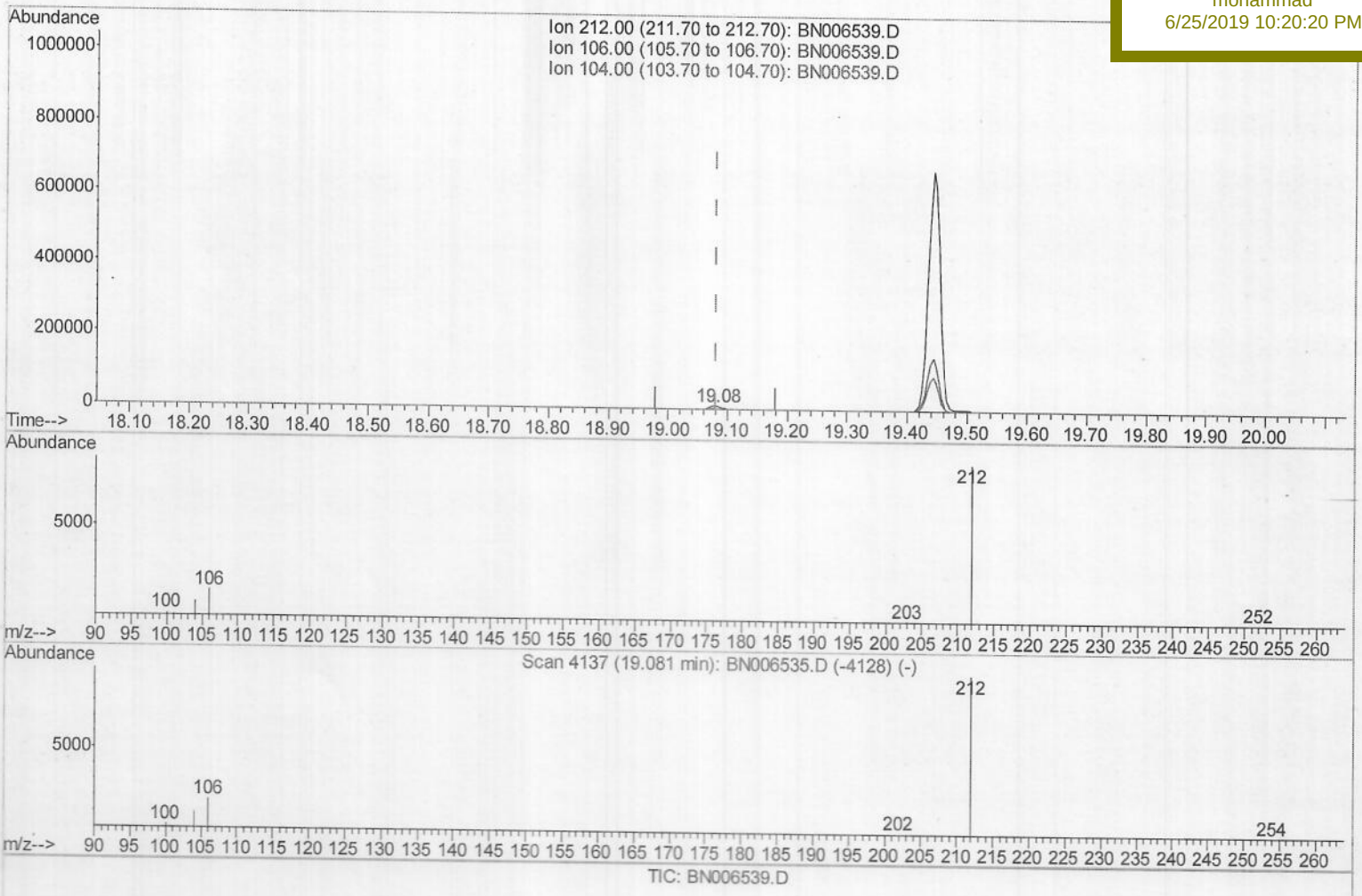
Manual Integrations APPROVED
mohammad
6/25/2019 10:20:20 PM



TIC: BN006539.D

(14) Fluoranthene-d10 (SURR)

19.081min (-0.000) 0.31ng/ul m JU 06/26/19

response 12569

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\BN062419\
Data File : BN006539.D
Acq On : 24 Jun 2019 19:55
Operator : HP/JU
Sample : K3362-25
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 25 03:13:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
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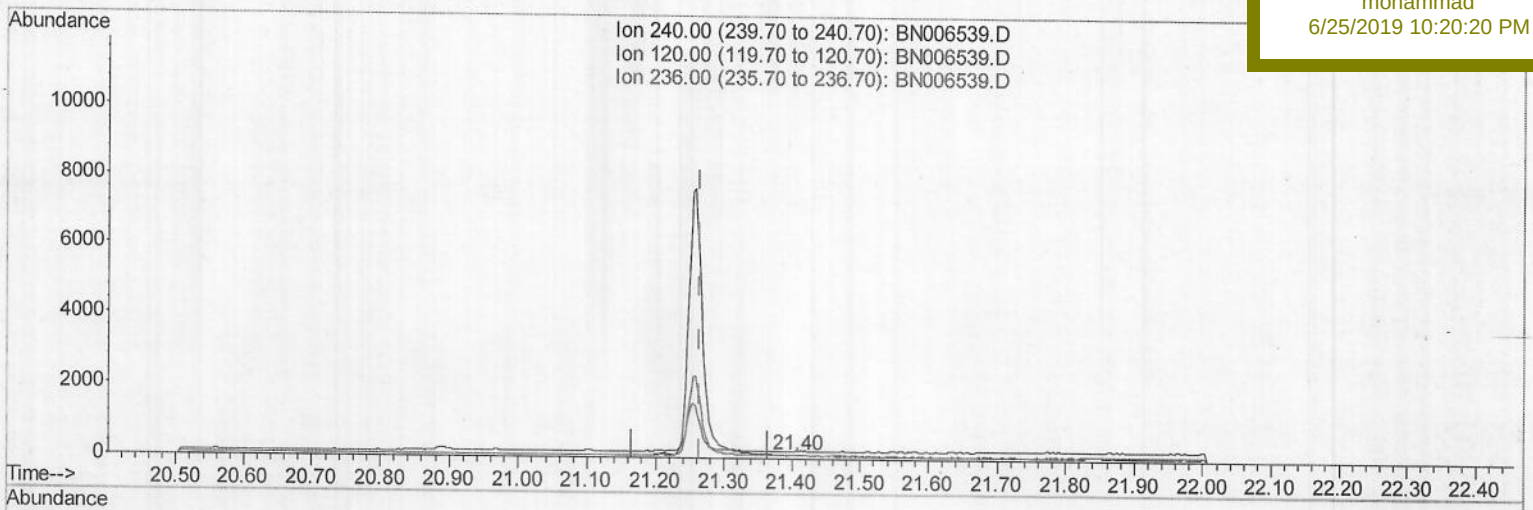
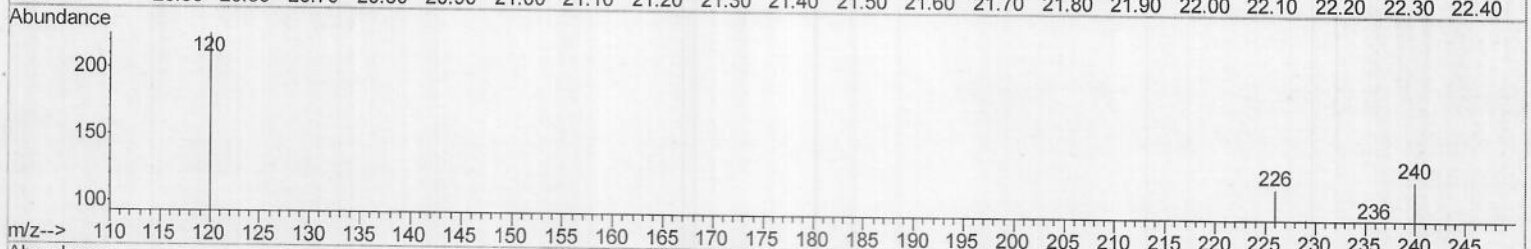
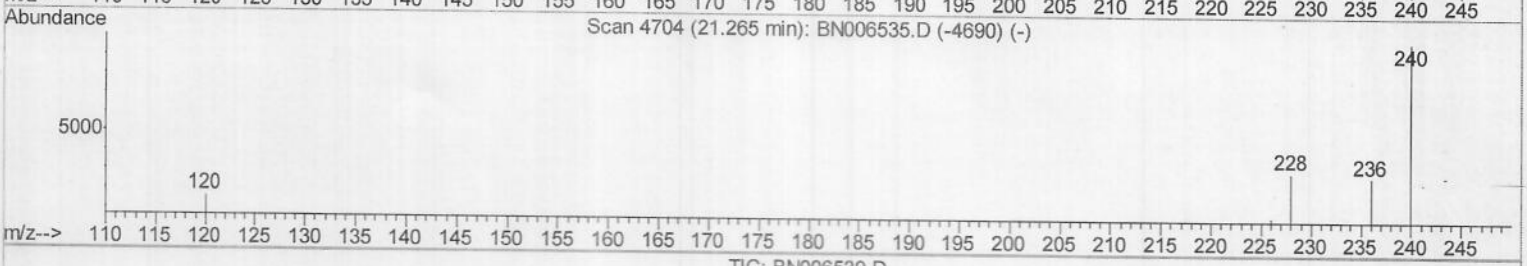
BNA_N
ClientSampleId :
A4213

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:20 PM







TIC: BN006539.D

(16) Chrysene-d12 (I)

21.404min (+0.139) 0.40ng/ul

response 46

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	184.43#
236.00	30.10	76.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BN006539.D
Acq On : 24 Jun 2019 19:55
Operator : HP/JU
Sample : K3362-25
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 25 03:13:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Tue Jun 25 01:51:13 2019
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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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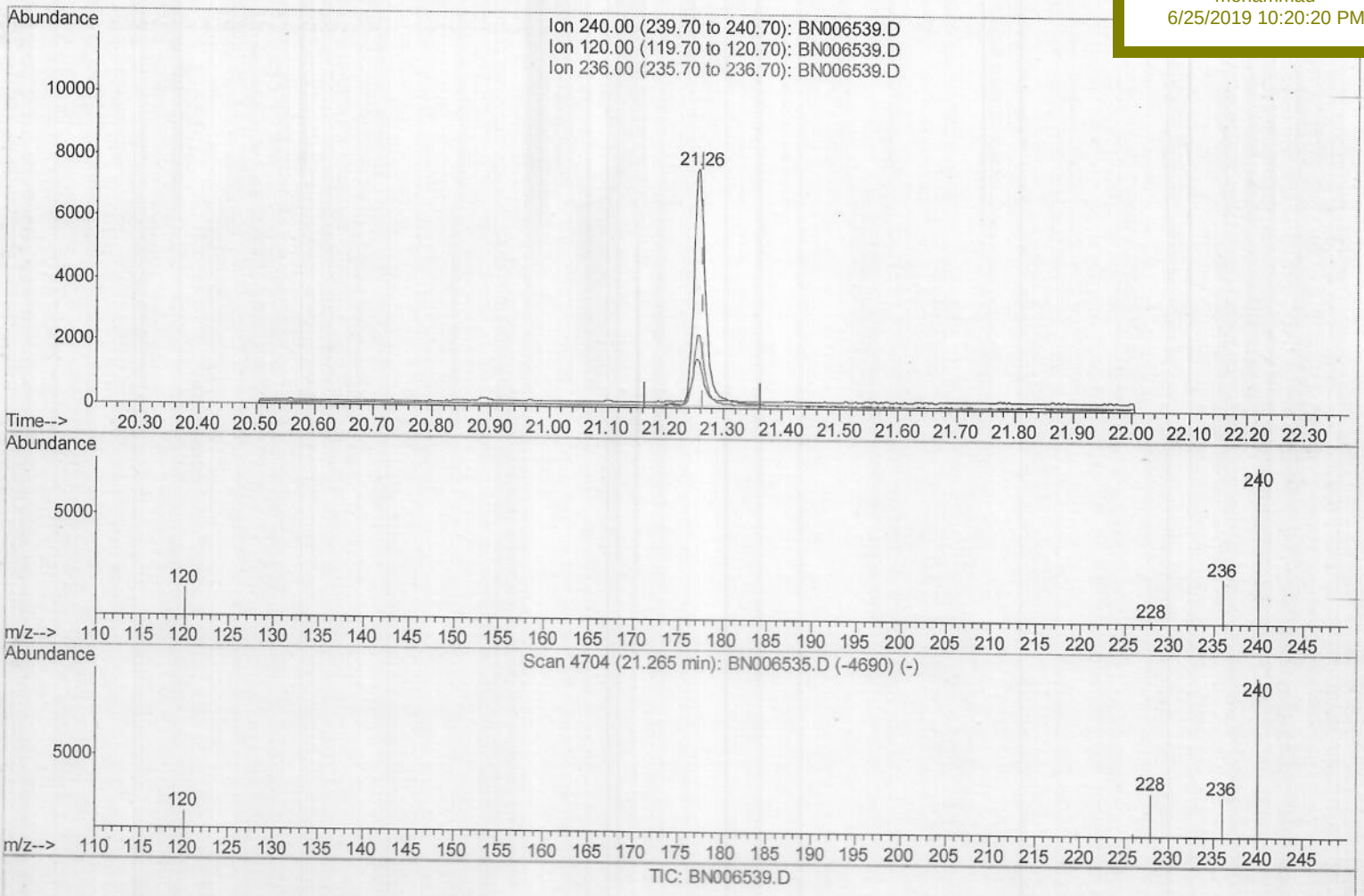

TIC: BN006539.D

(16) Chrysene-d12 (I)

21.258min (-0.007) 0.40ng/ul m > JU 06/26/19

response 10958

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	19.03
236.00	30.10	29.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
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Acq On : 24 Jun 2019 19:55
Operator : HP/JU
Sample : K3362-25
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 25 03:14:14 2019
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Manual Integrations APPROVED
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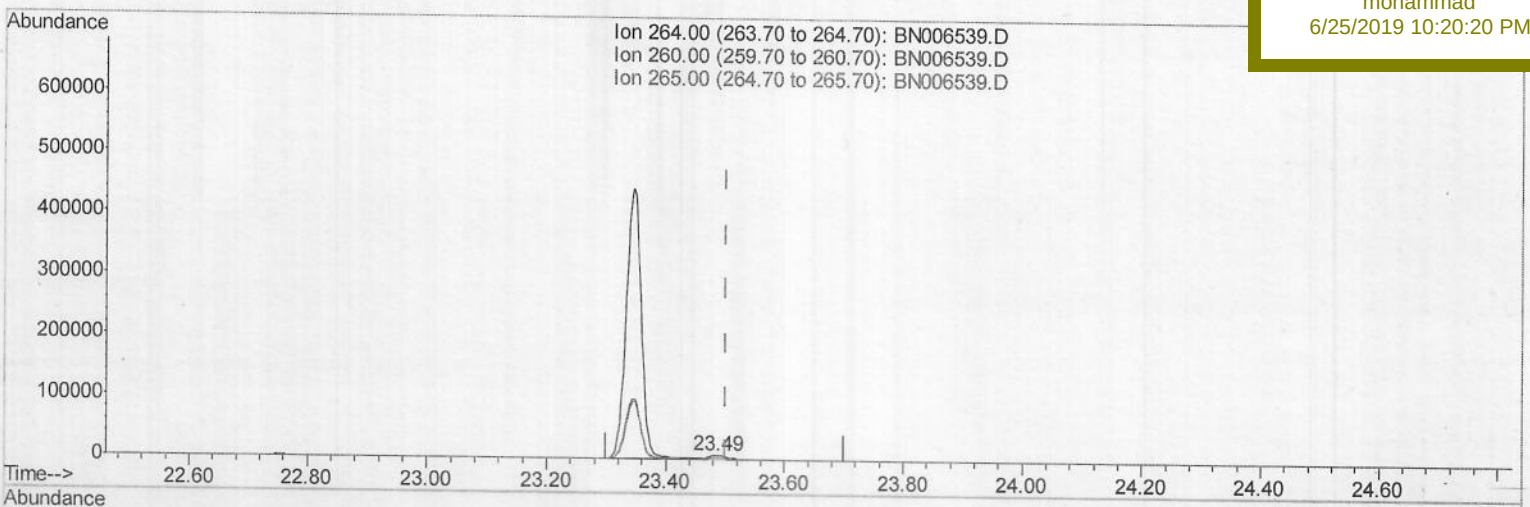

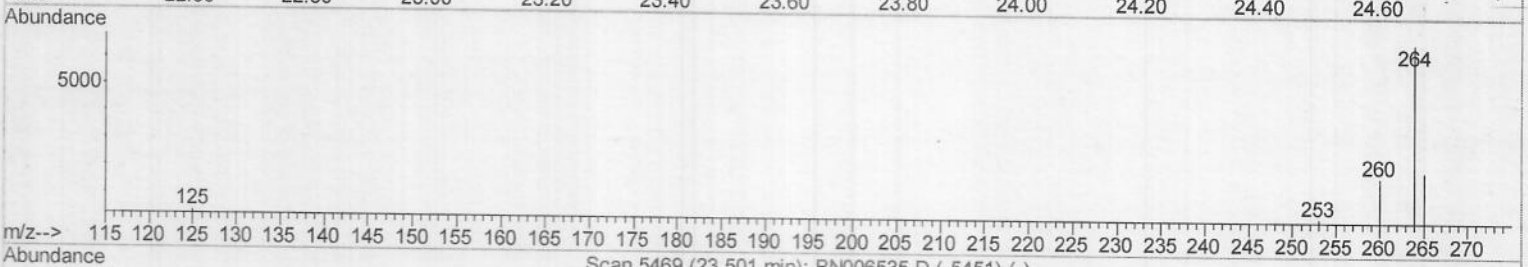

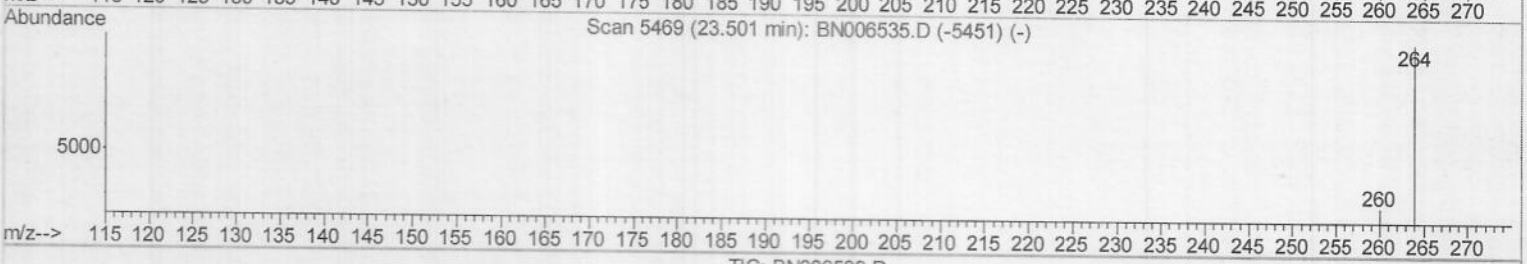

(20) Perylene-d12 (I)

23.485min (-0.016) 0.40ng/ul

response 16622

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.64
265.00	44.70	31.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 17 Sample Multiplier: 1

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Manual Integrations APPROVED
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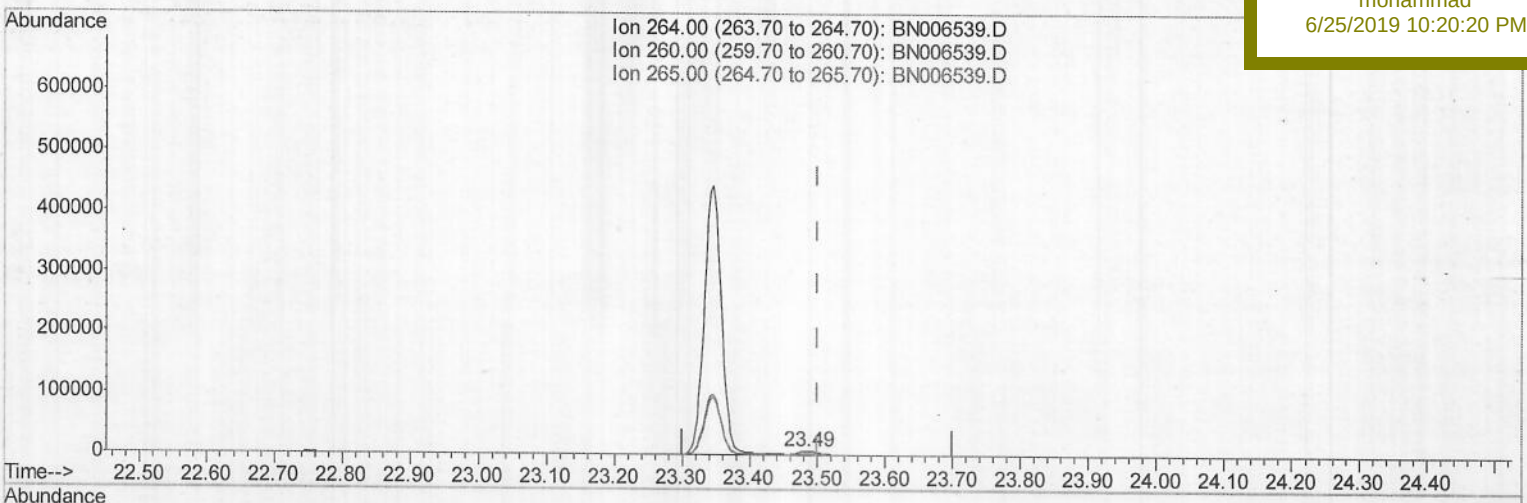

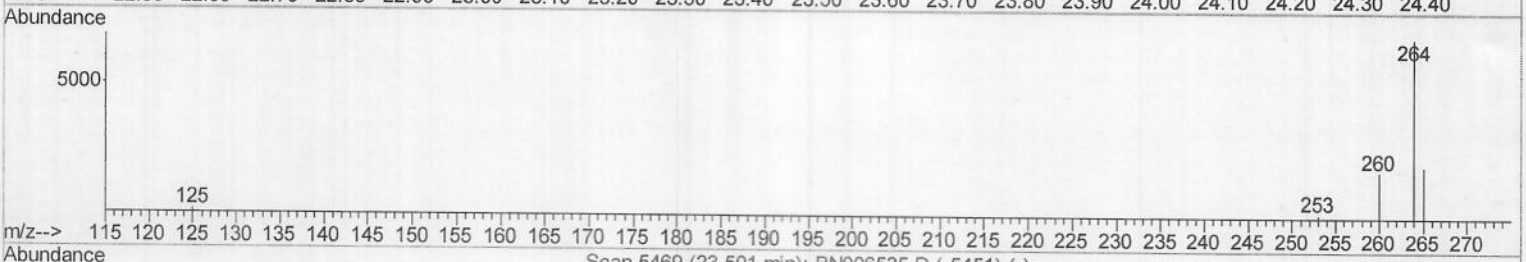

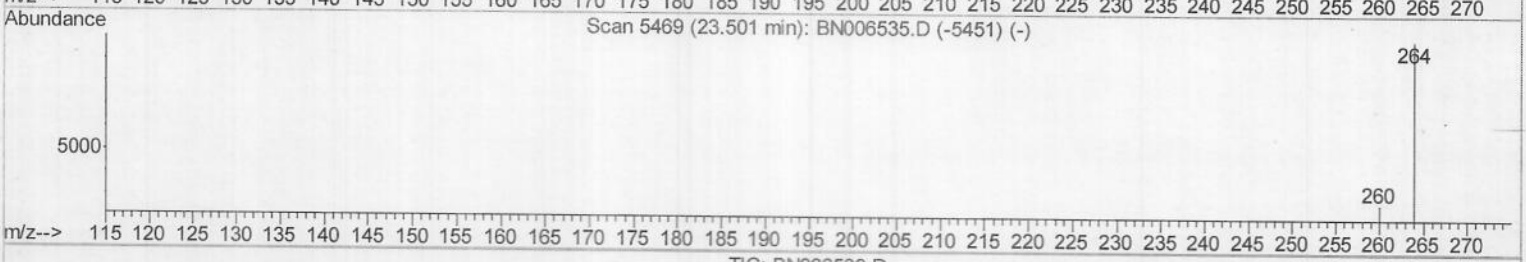

TIC: BN006539.D

(20) Perylene-d12 (I)

23.485min (-0.016) 0.40ng/ul m > JU 06/26/19

response 10361

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.64
265.00	44.70	31.17#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5098	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	18153	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	8379	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	15297m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10958m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	10361m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	7129	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	12569m	0.31	ng/ul	0.00
Target Compounds						Qvalue
21) Benzo(b)fluoranthene	22.82	252	1249	0.029	ng/ul#	25
24) Indeno(1,2,3-cd)pyrene	25.73	276	953	0.022	ng/ul#	96
26) Benzo(g,h,i)perylene	26.41	276	890	0.024	ng/ul#	67

JU 06/26/19

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