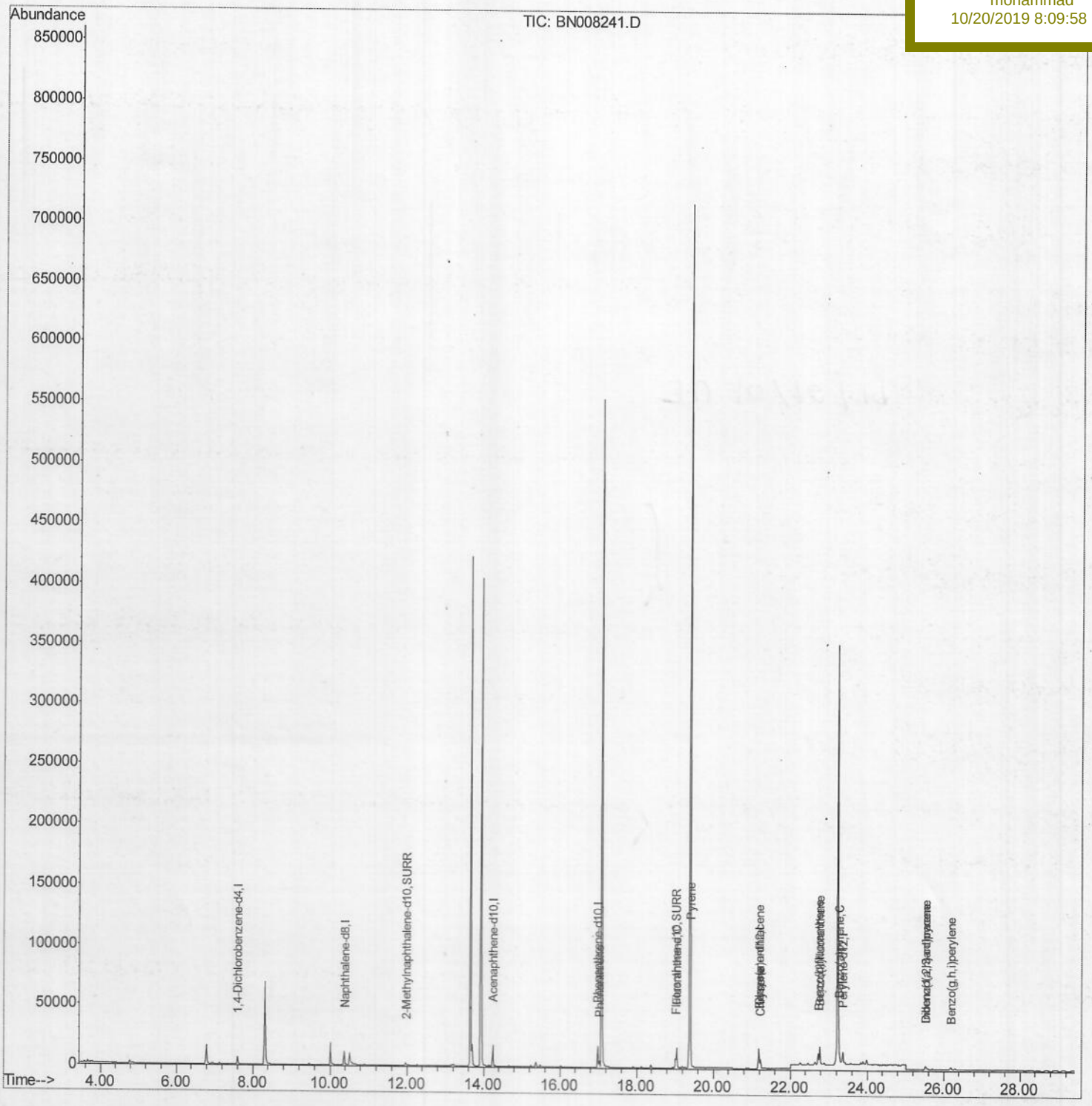
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008241.D
Acq On : 18 Oct 2019 03:09
Operator : JU
Sample : K5177-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 18 04:14:22 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 : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPK1

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:58 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008241.D
Acq On : 18 Oct 2019 03:09
Operator : JU
Sample : K5177-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 18 04:07:21 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 : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPK1

Manual Integrations APPROVED
mohammad
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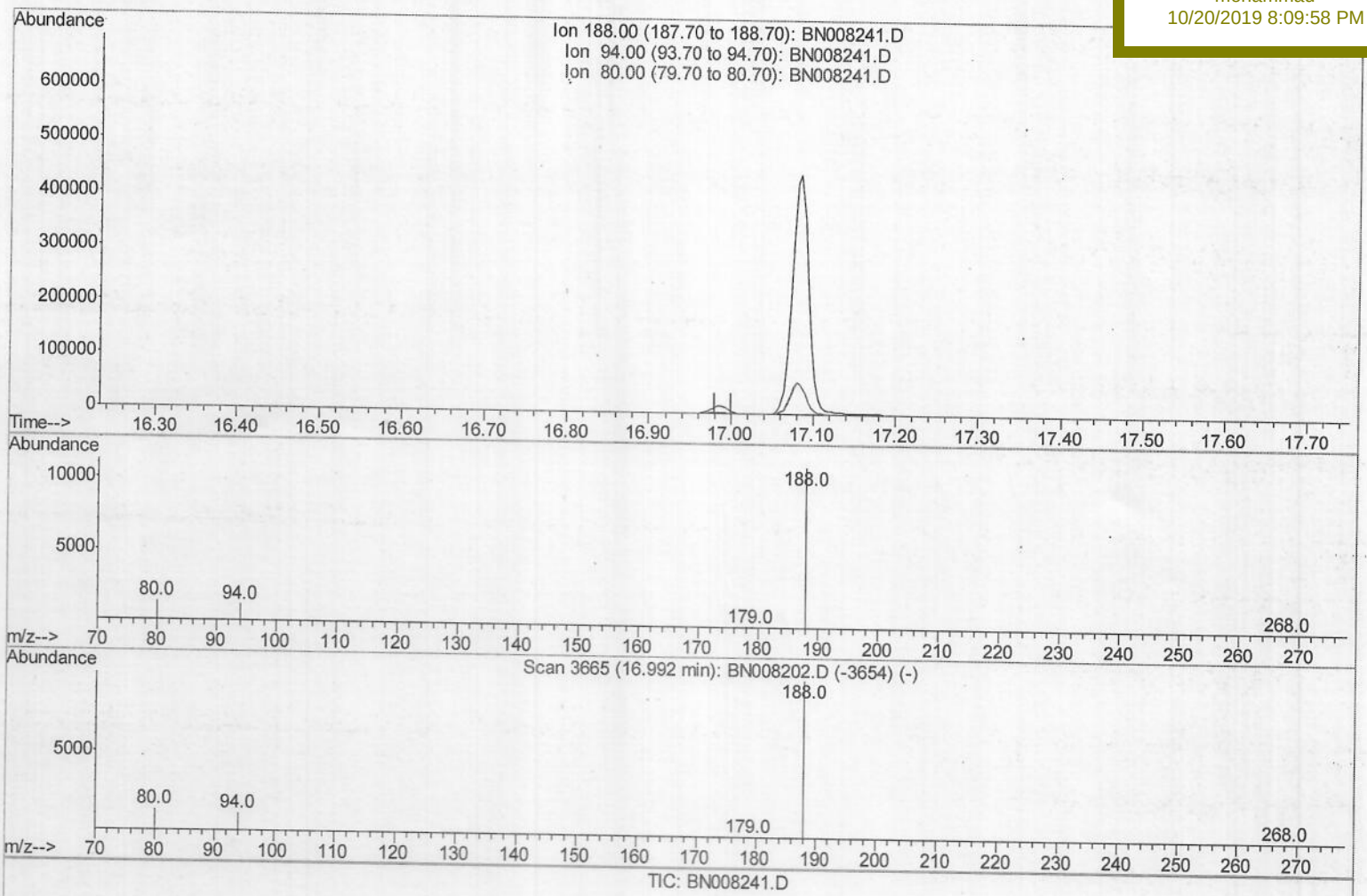

(10) Phenanthrene-d10 (I)

16.992min (-16.992) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.90	0.00#
80.00	12.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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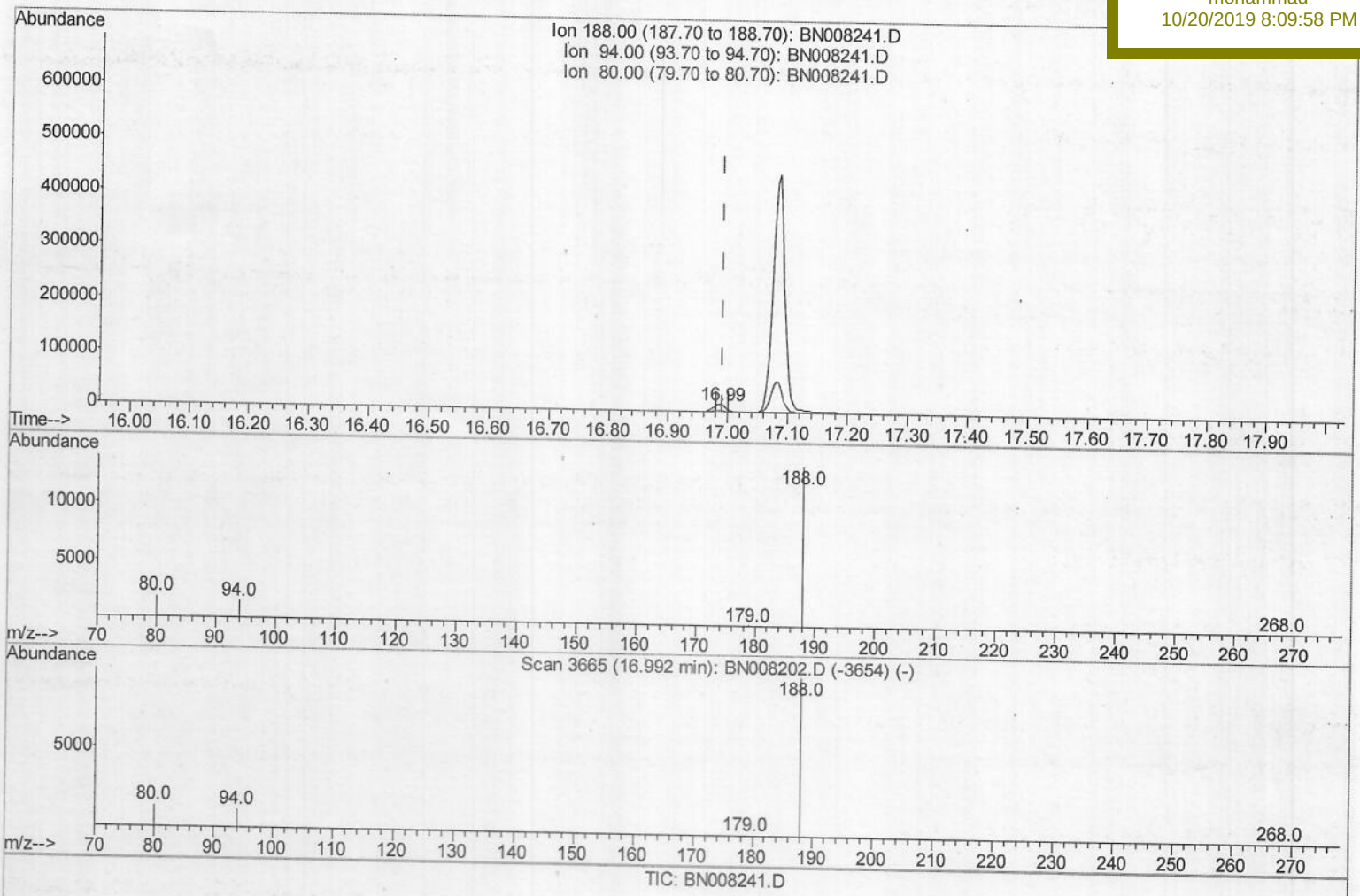

TIC: BN008241.D

(10) Phenanthrene-d10 (I)

16.988min (-0.004) 0.40ng/ul m > JU 10/21/19

response 20100

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.08
80.00	12.60	13.46
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008241.D
Acq On : 18 Oct 2019 03:09
Operator : JU
Sample : K5177-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 18 04:12:48 2019
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Instrument :
BNA_N
ClientSampleId :
BEPK1

Manual Integrations APPROVED
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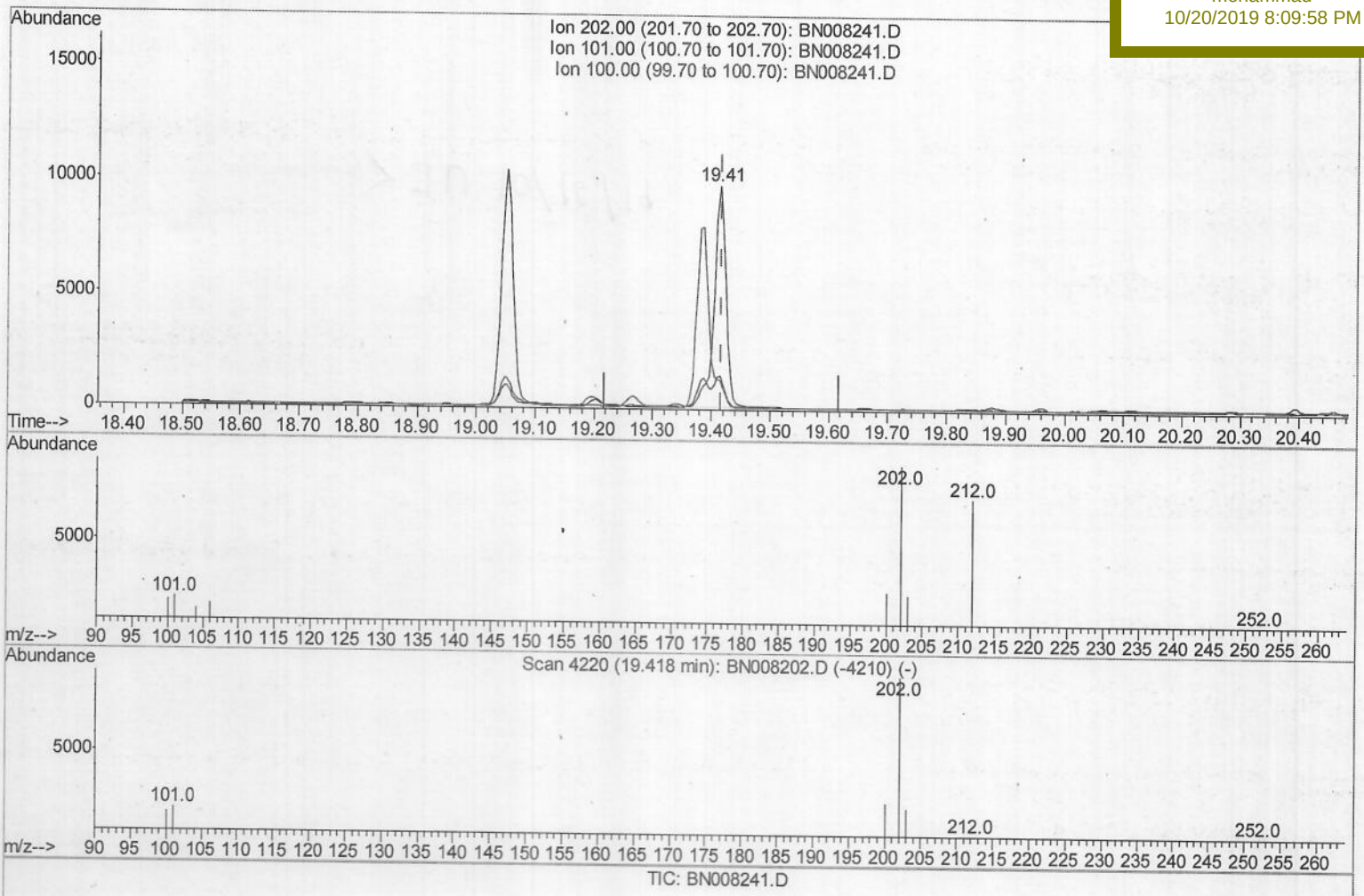

TIC: BN008241.D

(17) Pyrene

19.414min (-0.004) 0.24ng/ul

response 13661

Ion	Exp%	Act%
202.00	100	100
101.00	13.60	14.81
100.00	10.90	13.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008241.D
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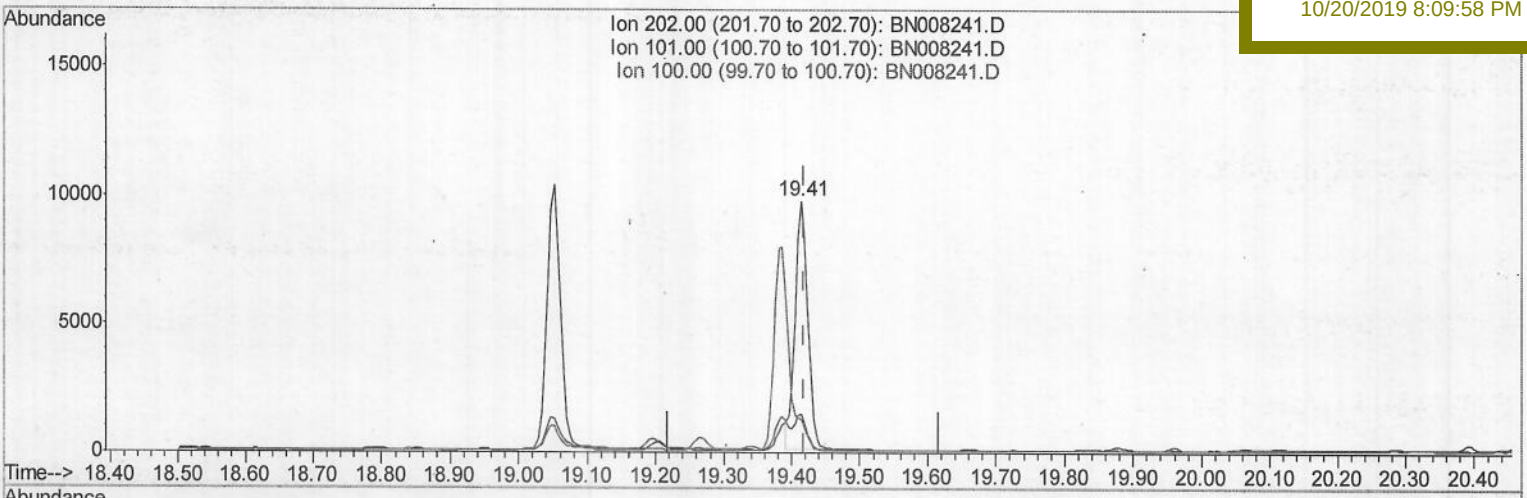
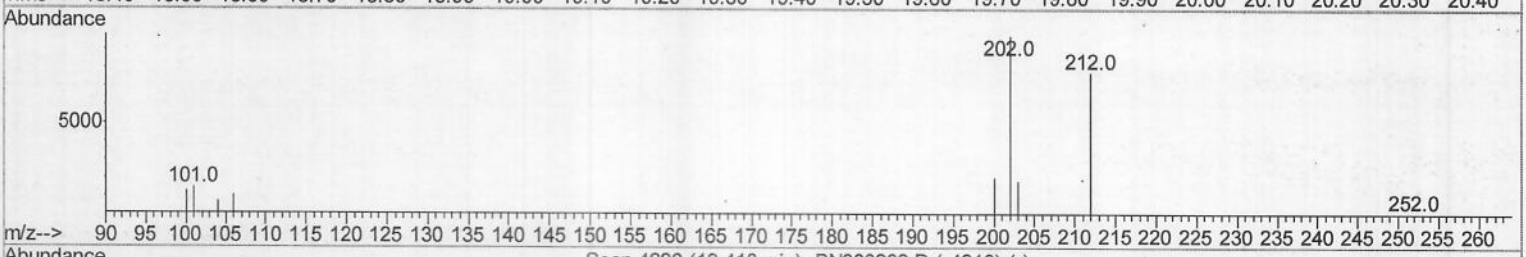
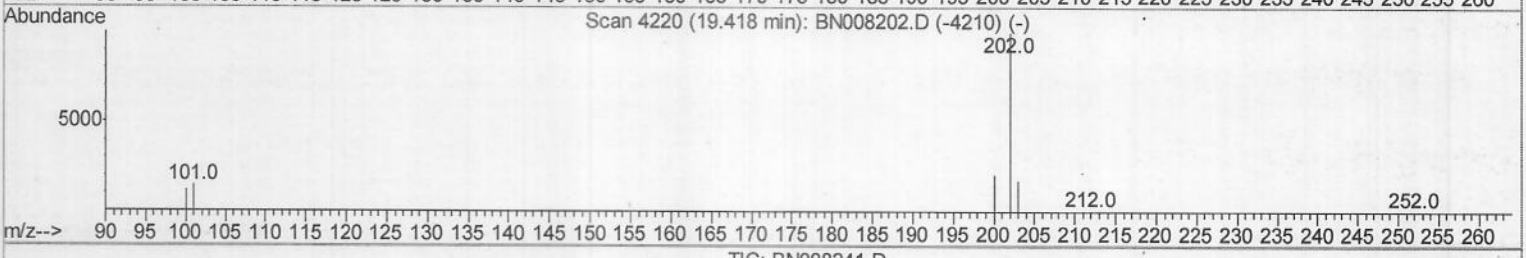
Instrument :
BNA_N
ClientSampleId :
BEPK1

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:58 PM







TIC: BN008241.D

(17) Pyrene

19.414min (-0.004) 0.22ng/ul m > JU 10/21/19

response 12497

Ion	Exp%	Act%
202.00	100	100
101.00	13.60	14.81
100.00	10.90	13.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008241.D
Acq On : 18 Oct 2019 03:09
Operator : JU
Sample : K5177-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 18 04:12:48 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 : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPK1

Manual Integrations APPROVED
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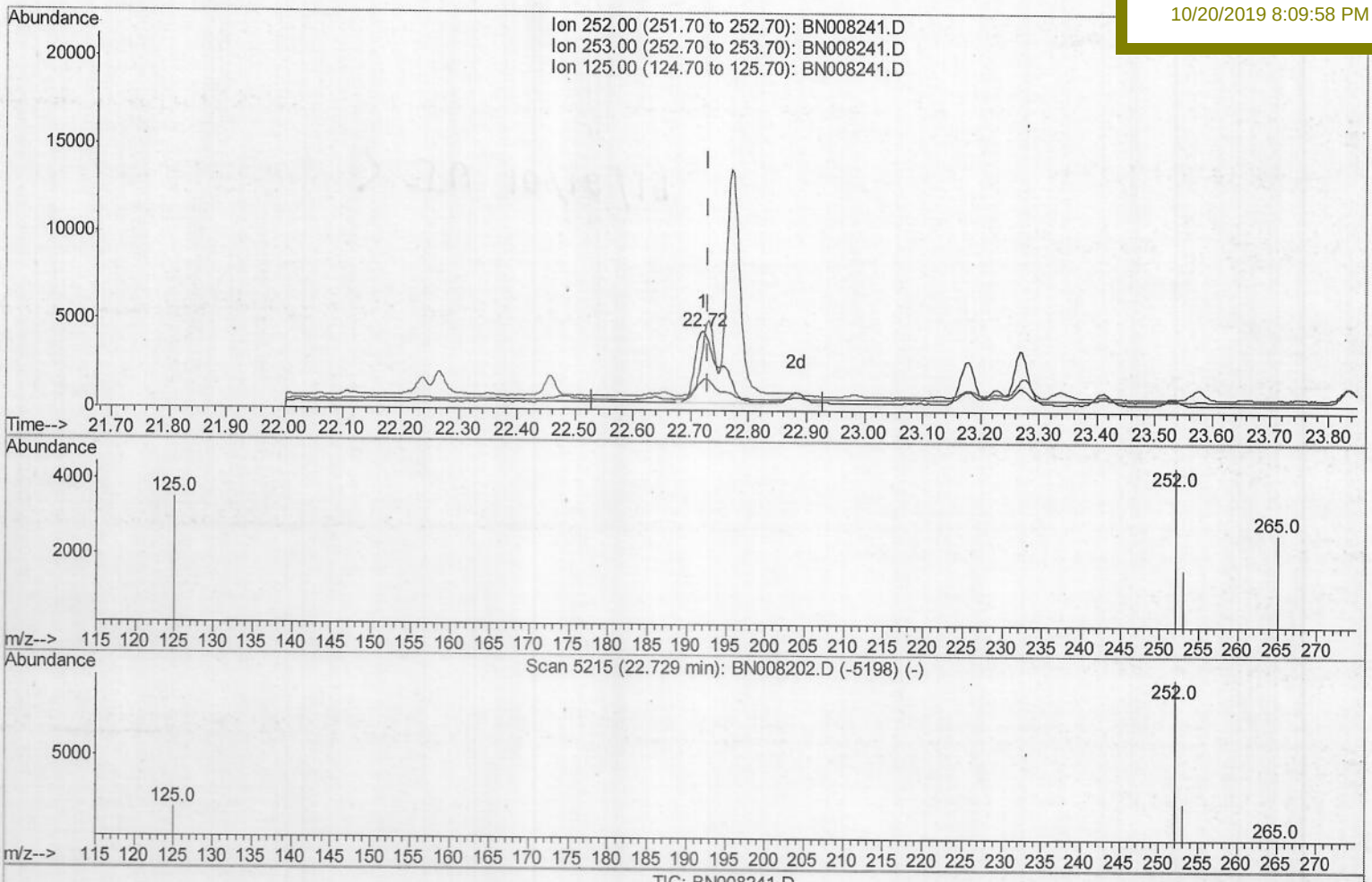


TIC: BN008241.D

(21) Benzo(b)fluoranthene

22.721min (-0.008) 0.30ng/ul

response 12299

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	37.44
125.00	16.20	78.91#
0.00	0.00	0.00

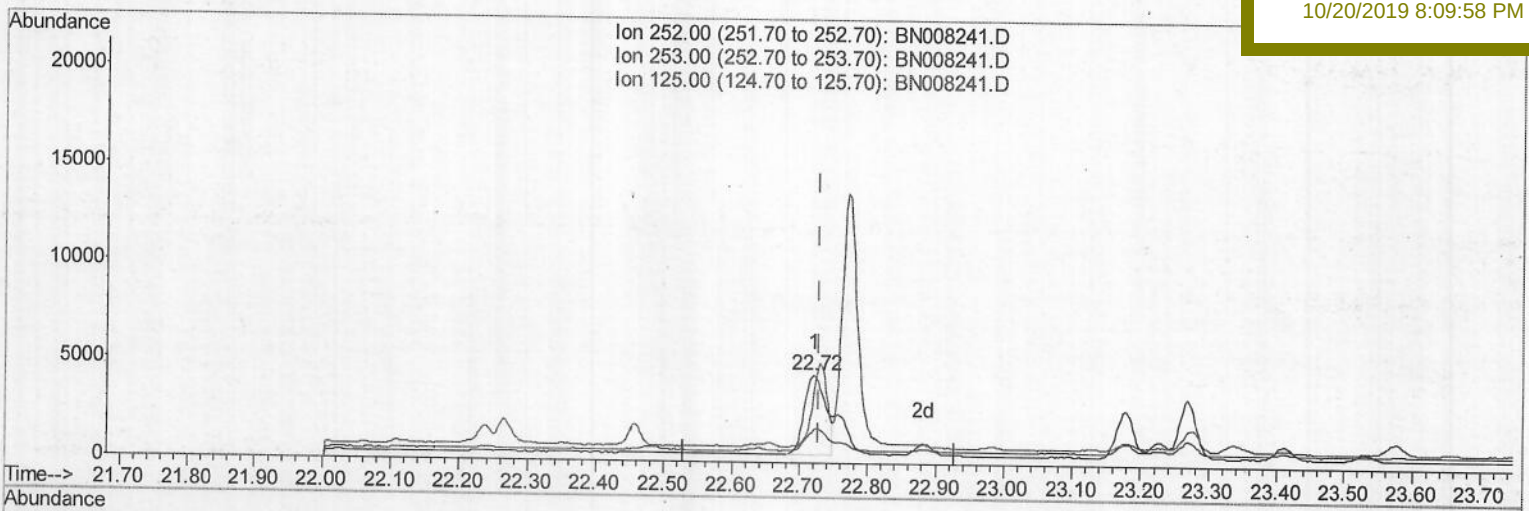
Quantitation Report (Qedit)

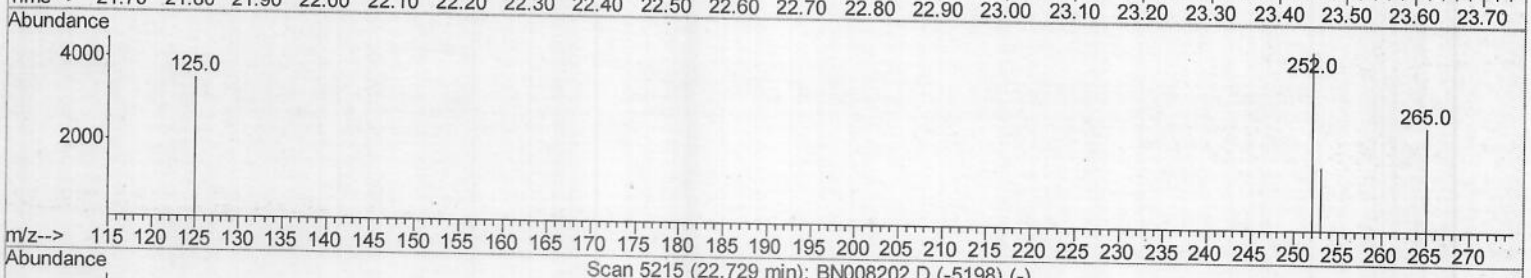
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008241.D
Acq On : 18 Oct 2019 03:09
Operator : JU
Sample : K5177-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

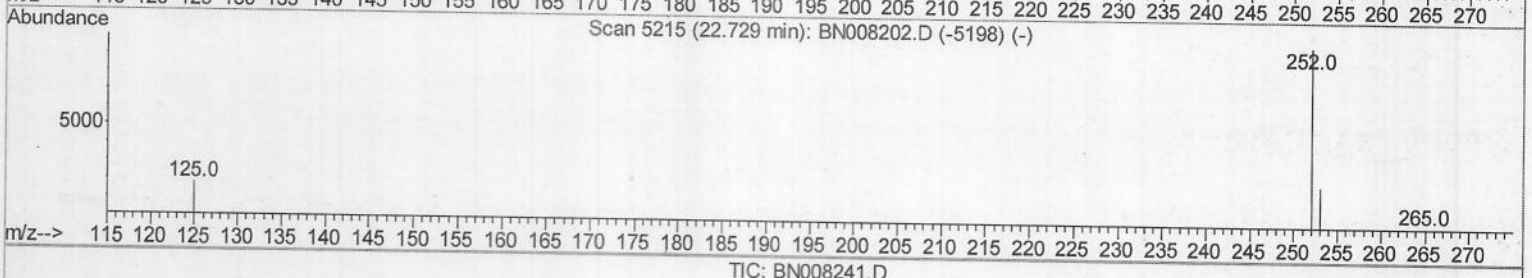
Quant Time: Oct 18 04:12:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPK1

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:58 PM







TIC: BN008241.D

(21) Benzo(b)fluoranthene

22.721min (-0.008) 0.21ng/ul m > JU 10/21/19

response 8812

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	37.44
125.00	16.20	78.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008241.D
Acq On : 18 Oct 2019 03:09
Operator : JU
Sample : K5177-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 18 04:12:48 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 : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPK1

Manual Integrations APPROVED
mohammad
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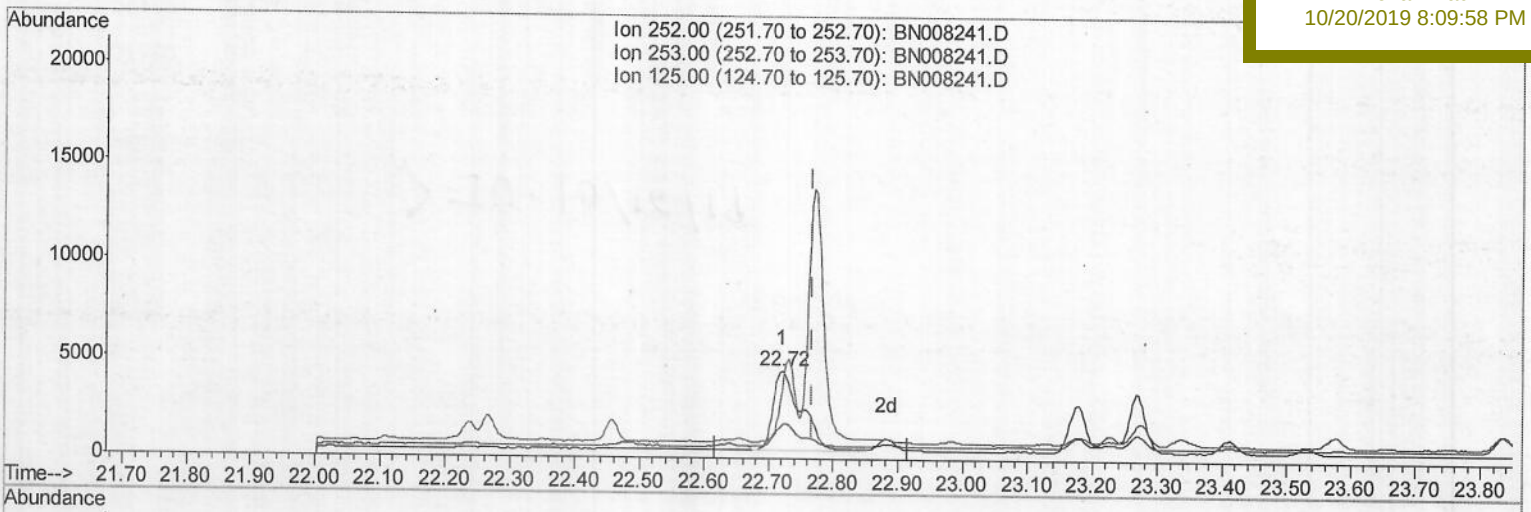

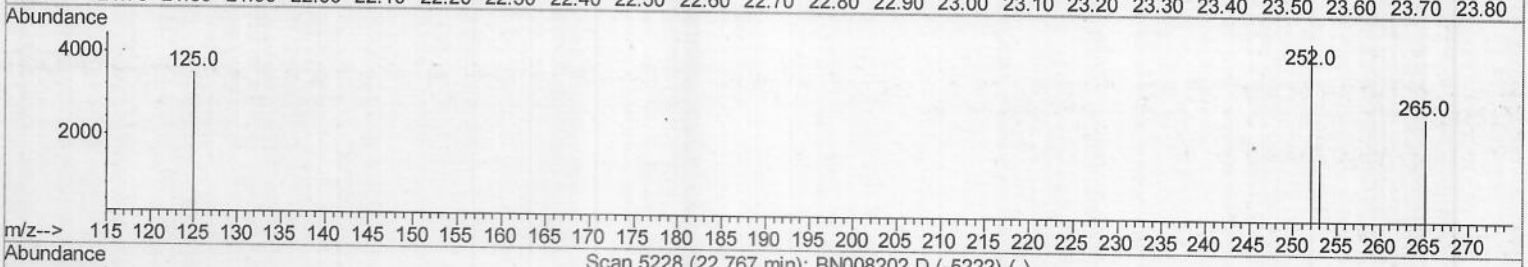

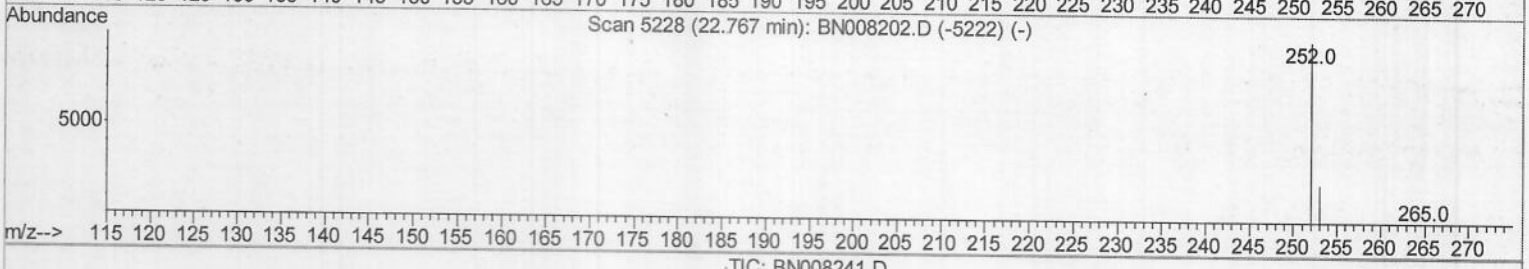

TIC: BN008241.D

(22) Benzo(k)fluoranthene

22.721min (-0.046) 0.26ng/ul

response 12299

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	37.44#
125.00	15.40	78.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008241.D
Acq On : 18 Oct 2019 03:09
Operator : JU
Sample : K5177-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 18 04:12:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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Instrument :
BNA_N
ClientSampleId :
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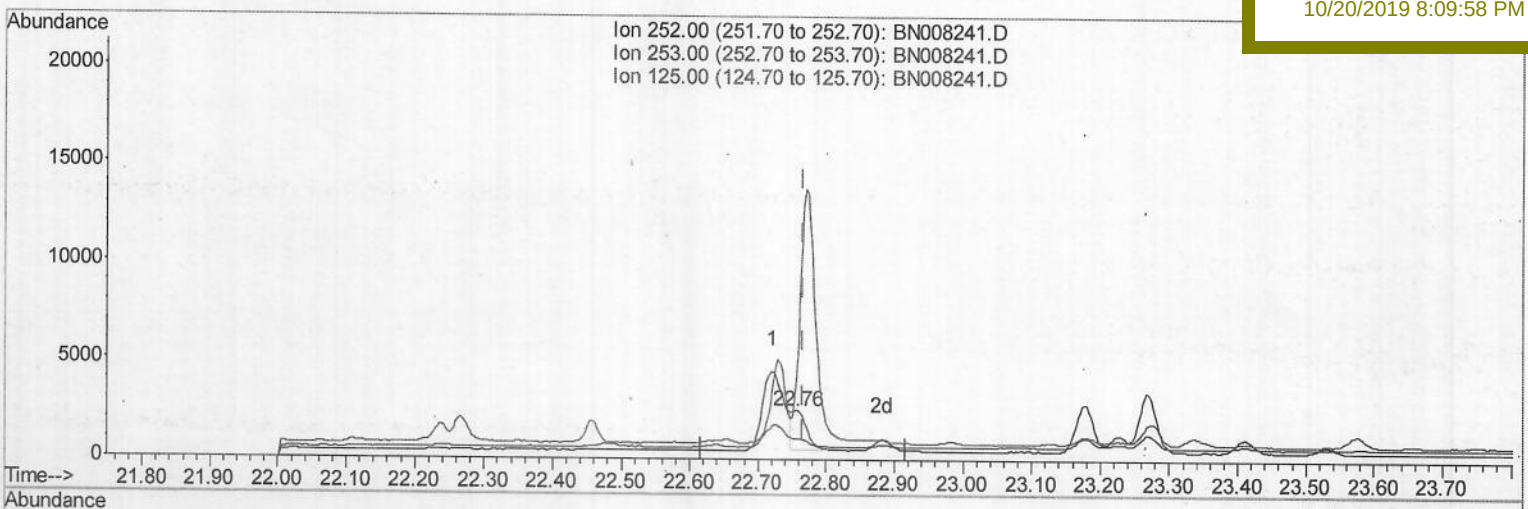
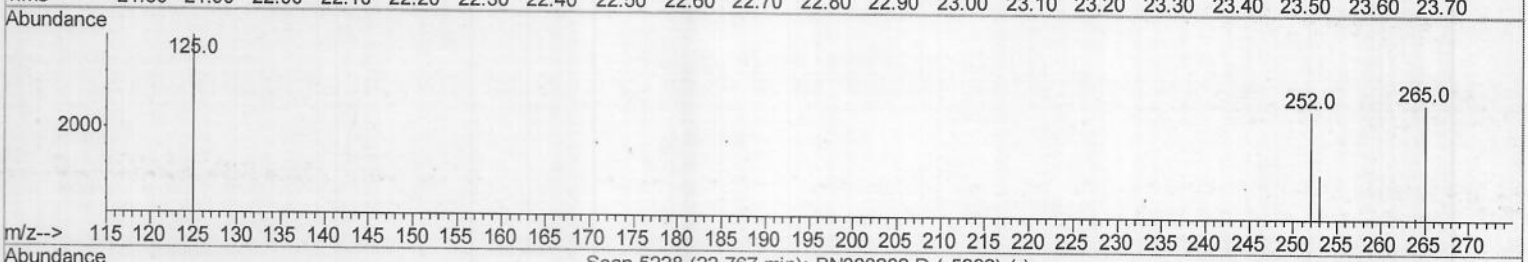
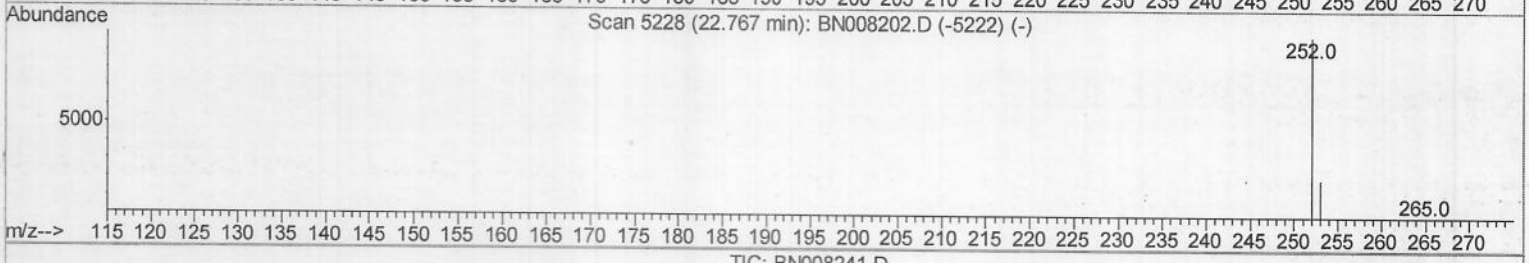
Manual Integrations APPROVED
mohammad
10/20/2019 8:09:58 PM







TIC: BN008241.D

(22) Benzo(k)fluoranthene

22.756min (-0.011) 0.06ng/ul m > JU 10/21/19

response 2945

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	43.75#
125.00	15.40	160.73#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BN008241.D
Acq On : 18 Oct 2019 03:09
Operator : JU
Sample : K5177-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPK1

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:58 PM

Quant Time: Oct 18 04:14:22 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3228	0.40 ng/ul	0.00
2) Naphthalene-d8	10.37	136	15549	0.40 ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9507	0.40 ng/ul	0.00
10) Phenanthrene-d10	16.99	188	20100m	0.40 ng/ul	0.00
16) Chrysene-d12	21.19	240	14394	0.40 ng/ul	0.00
20) Perylene-d12	23.36	264	12774	0.40 ng/ul	-0.01
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	11.97	152	3320	0.13 ng/ul	0.00
14) Fluoranthene-d10	19.02	212	8401	0.12 ng/ul	0.00
Target Compounds					Qvalue
12) Phenanthrene	17.03	178	5429	0.092 ng/ul	97
15) Fluoranthene	19.05	202	14421	0.186 ng/ul	97
17) Pyrene	19.41	202	12497m	0.218 ng/ul	
18) Benzo(a)anthracene	21.17	228	5428	0.104 ng/ul	92
19) Chrysene	21.22	228	7245	0.113 ng/ul	94
21) Benzo(b)fluoranthene	22.72	252	8812m	0.212 ng/ul	
22) Benzo(k)fluoranthene	22.76	252	2945m	0.063 ng/ul	
23) Benzo(a)pyrene	23.27	252	5238	0.120 ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.53	276	4264	0.083 ng/ul#	83
25) Dibenzo(a,h)anthracene	25.53	278	881	0.022 ng/ul#	1
26) Benzo(g,h,i)perylene	26.19	276	4210	0.089 ng/ul#	83

JU 10/21/19

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