Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006559.D
Acq On : 25 Jun 2019 07:34
Operator : HP/JU
Sample : K3388-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4217

Manual Integrations APPROVED
mohammad
6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:20:18 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 07:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4964	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	18187	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	8592	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	15124m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	9308m	0.40	ng/ul	0.01
20) Perylene-d12	23.50	264	9857m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	6175	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	9375m	0.23	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.08	178	1283m	0.026	ng/ul	
15) Fluoranthene	19.11	202	2016m	0.038	ng/ul	
17) Pyrene	19.48	202	1892	0.039	ng/ul#	77
21) Benzo(b)fluoranthene	22.83	252	1564m	0.038	ng/ul	

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

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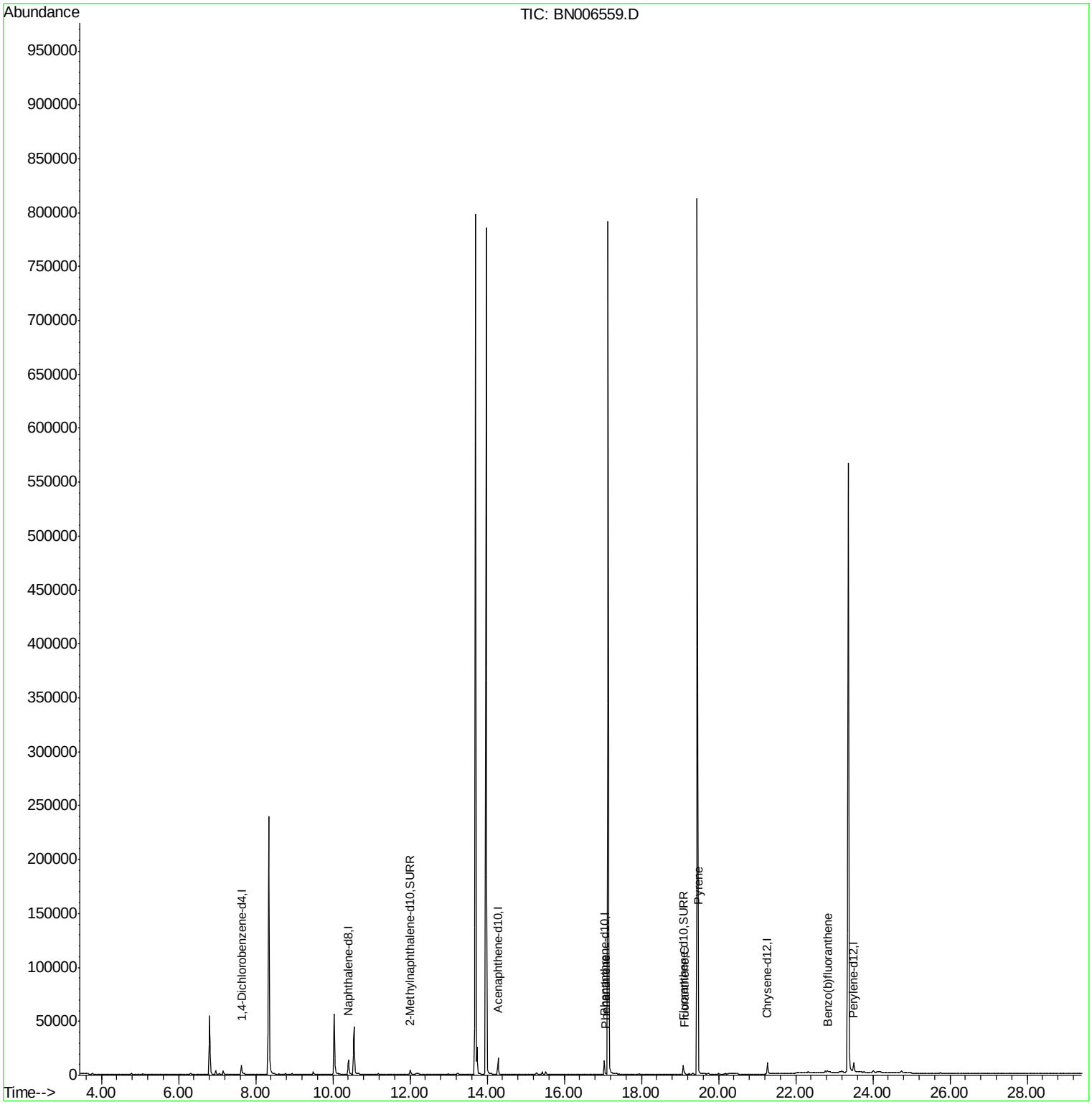

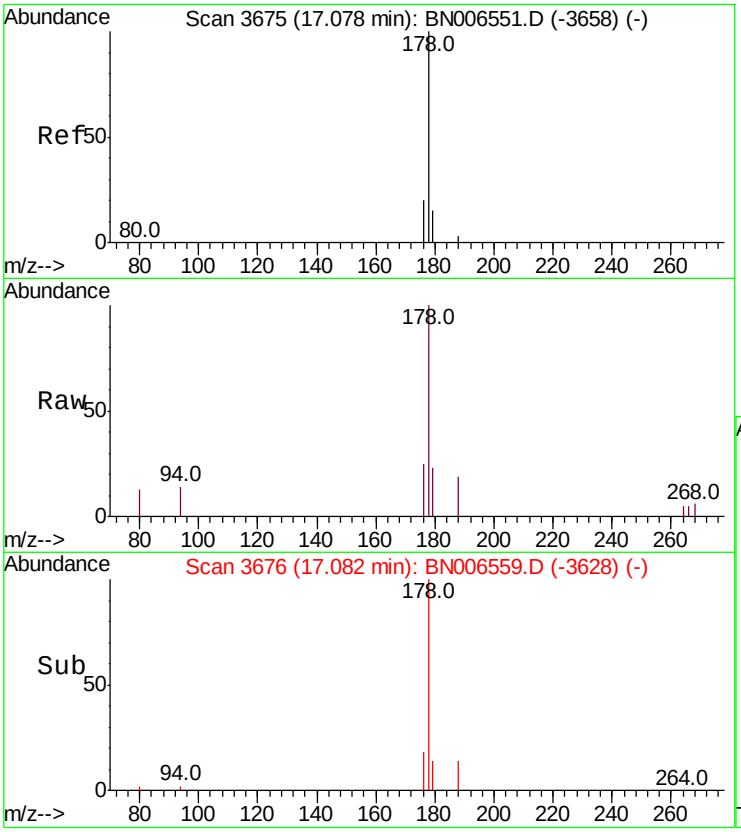

#12
Phenanthrene
Concen: 0.026 ng/ul m
RT: 17.08 min Scan# 3676
Delta R.T. 0.00 min
Lab File: BN006559.D
Acq: 25 Jun 2019 07:34

Tgt Ion:178 Resp: 1283

Ion	Ratio	Lower	Upper
178	100		
179	22.9	12.3	18.5#
176	25.3	15.3	22.9#

Instrument :
BNA_N
ClientSampleId :
A4217

Manual Integrations APPROVED
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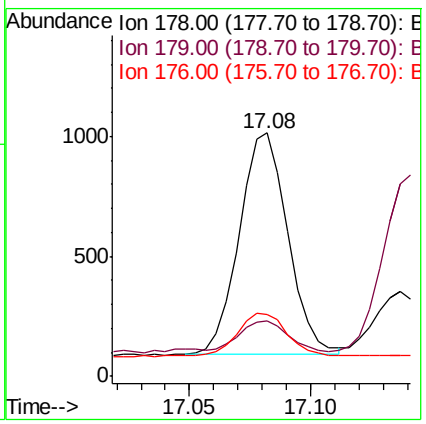
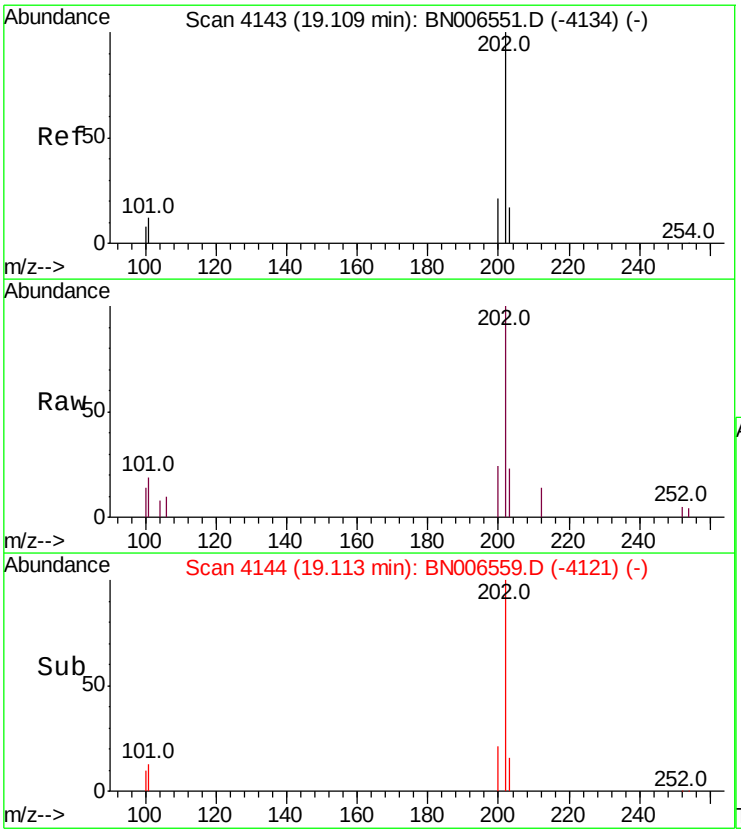
6/25/2019 10:21:34 PM

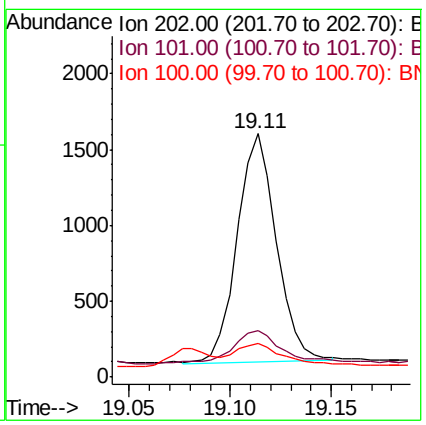


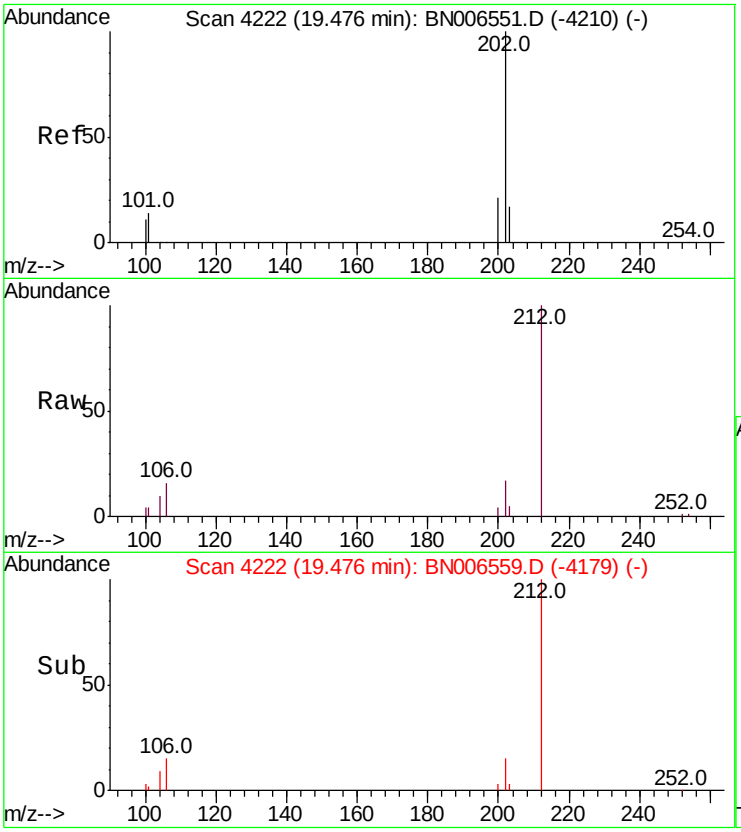


#15
Fluoranthene
Concen: 0.038 ng/ul m
RT: 19.11 min Scan# 4144
Delta R.T. 0.00 min
Lab File: BN006559.D
Acq: 25 Jun 2019 07:34

Tgt Ion:202 Resp: 2016

Ion	Ratio	Lower	Upper
202	100		
101	18.9	0.0	32.1
100	14.1	0.0	28.7





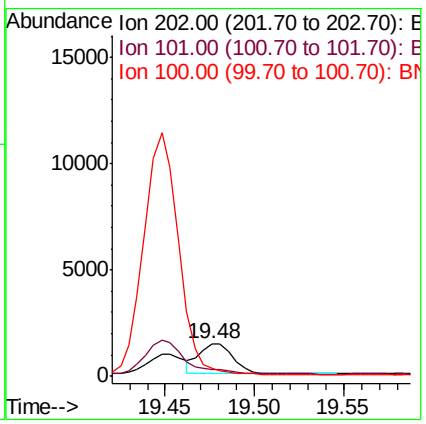
#17
Pyrene
Concen: 0.039 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. 0.00 min
Lab File: BN006559.D
Acq: 25 Jun 2019 07:34

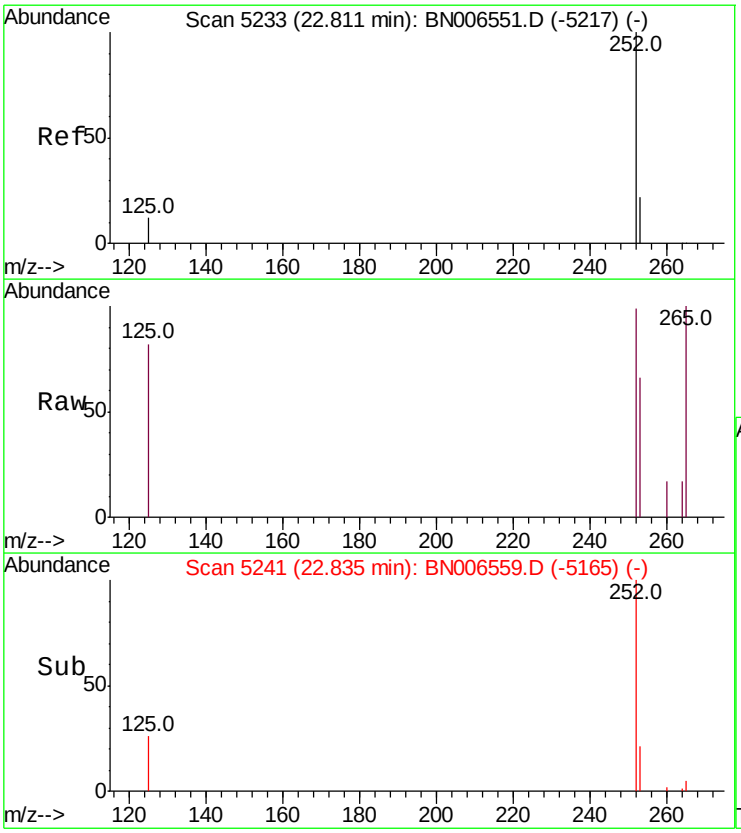
Tgt Ion:202 Resp: 1892

Ion	Ratio	Lower	Upper
202	100		
101	22.4	12.2	18.2#
100	23.5	9.8	14.6#

Instrument :
BNA_N
ClientSampleId :
A4217

Manual Integrations APPROVED
mohammad
6/25/2019 10:21:34 PM





#21
Benzo(b)fluoranthene
Concen: 0.038 ng/ul m
RT: 22.83 min Scan# 5241
Delta R.T. 0.02 min
Lab File: BN006559.D
Acq: 25 Jun 2019 07:34

Tgt Ion:252 Resp: 1564

Ion	Ratio	Lower	Upper
252	100		
253	66.8	0.0	51.4#
125	83.4	0.0	41.0#