Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006569.D
Acq On : 25 Jun 2019 13:58
Operator : HP/JU
Sample : K3362-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4210

Manual Integrations APPROVED
mohammad
6/25/2019 10:22:05 PM

Quant Time: Jun 25 14:36:16 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	4752	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	17538	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	8298	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	14813m	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	8471m	0.40	ng/ul	0.03
20) Perylene-d12	23.52	264	8846m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	5896	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9004m	0.23	ng/ul	0.00
Target Compounds						Qvalue
15) Fluoranthene	19.11	202	1706m	0.032	ng/ul	
17) Pyrene	19.48	202	1435	0.032	ng/ul#	81
18) Benzo(a)anthracene	21.26	228	762	0.020	ng/ul#	71
19) Chrysene	21.31	228	822	0.023	ng/ul#	77

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

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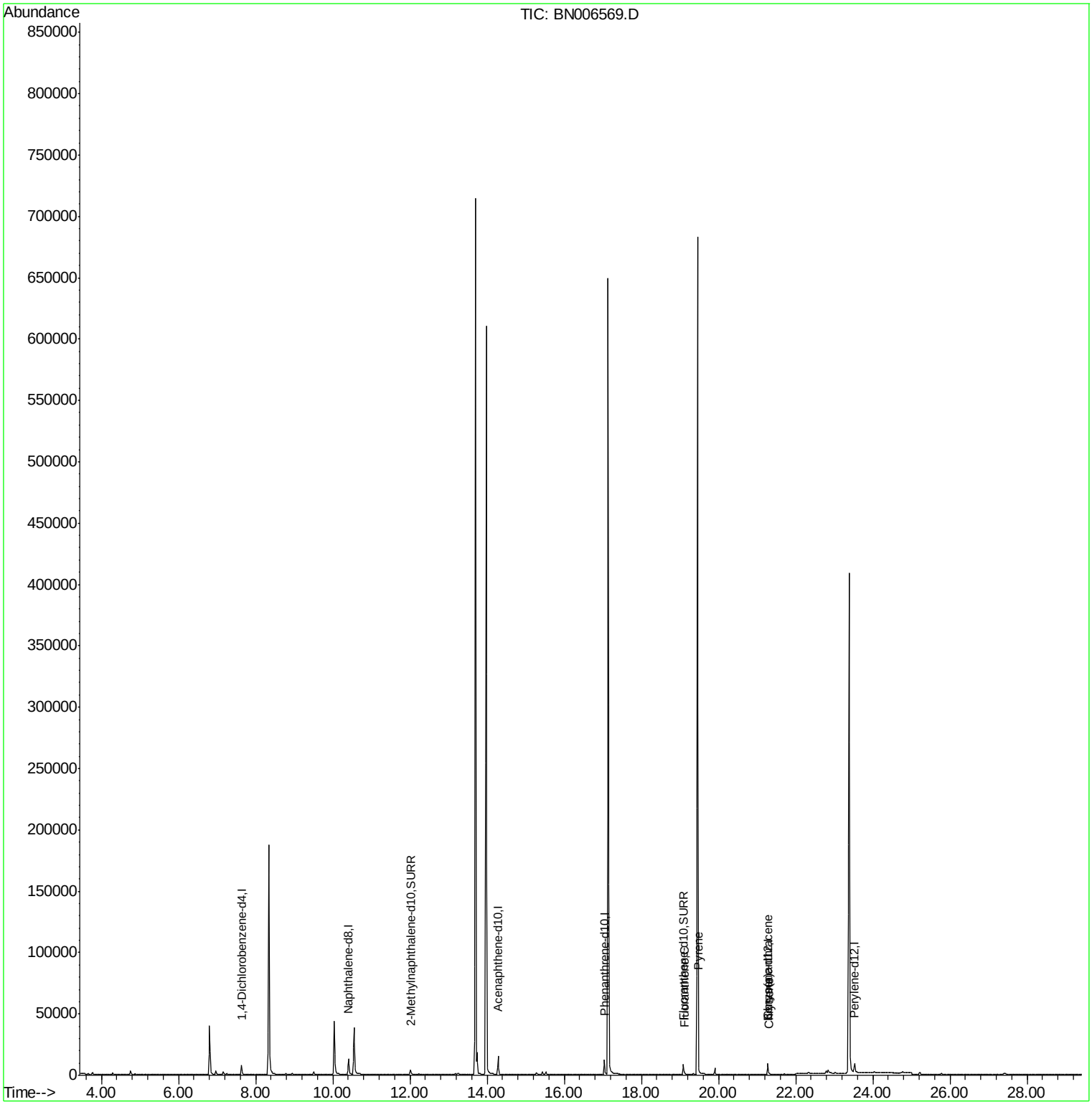
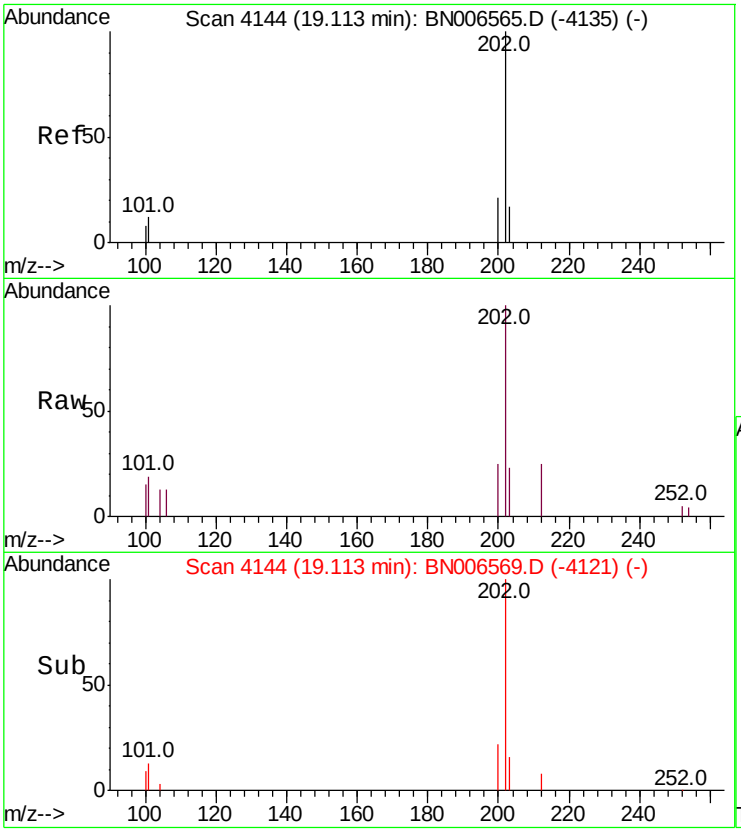




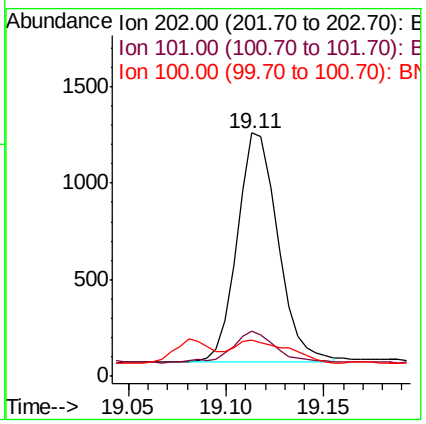
#15
Fluoranthene
Concen: 0.032 ng/ul m
RT: 19.11 min Scan# 4144
Delta R.T. 0.00 min
Lab File: BN006569.D
Acq: 25 Jun 2019 13:58

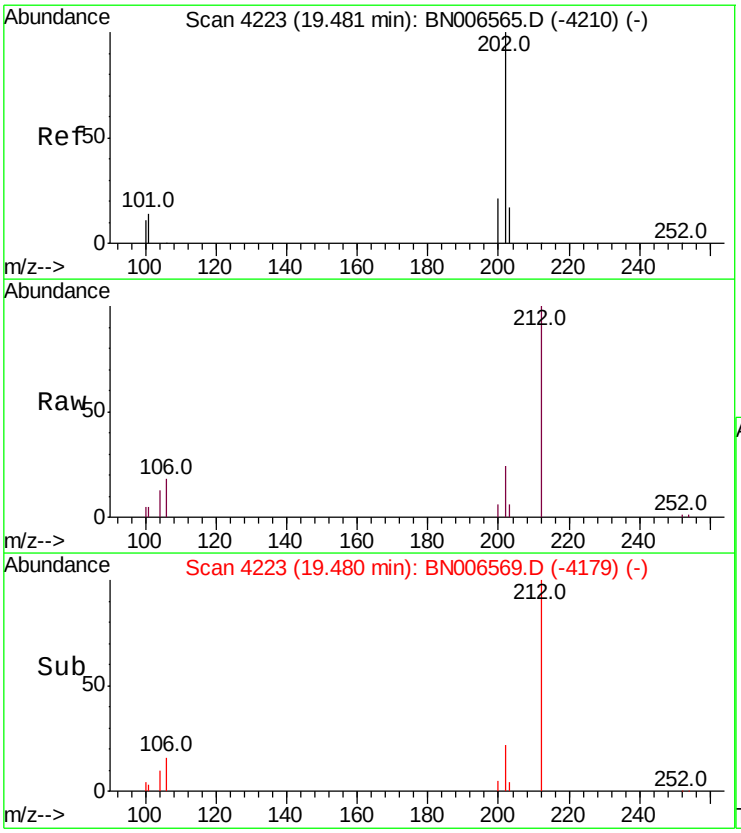
Tgt Ion:202 Resp: 1706

Ion	Ratio	Lower	Upper
202	100		
101	18.7	0.0	32.1
100	15.0	0.0	28.7

Instrument :
BNA_N
ClientSampleId :
A4210

Manual Integrations APPROVED
mohammad
6/25/2019 10:22:05 PM

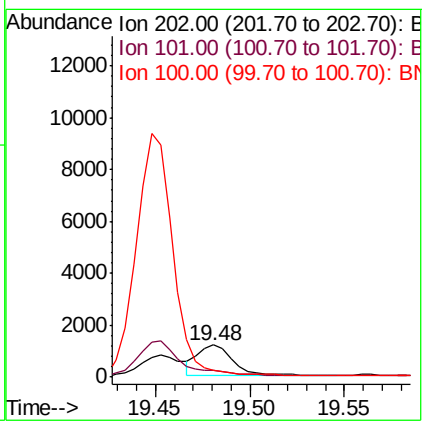


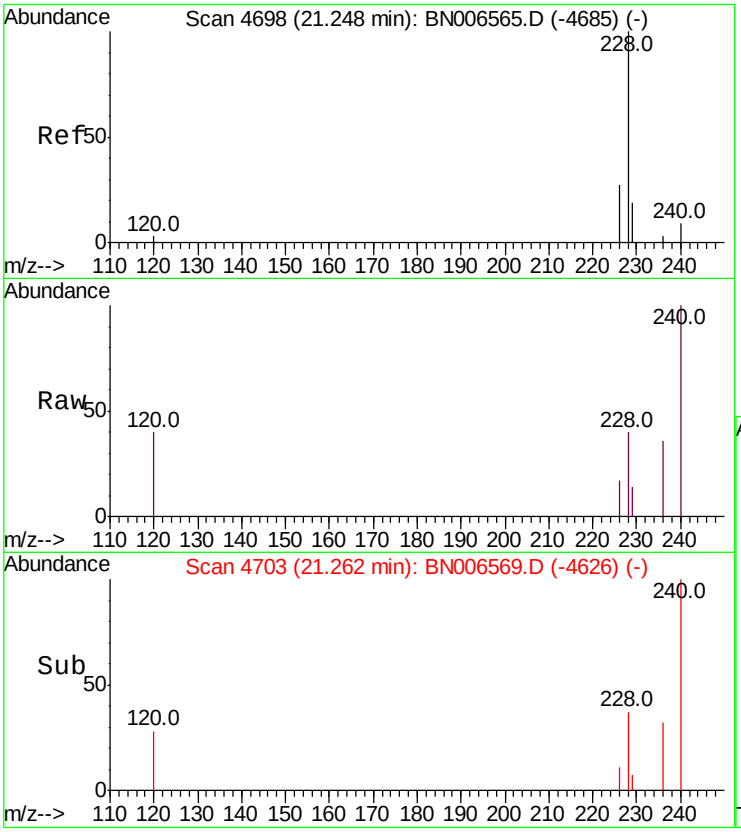


#17
Pyrene
Concen: 0.032 ng/ul
RT: 19.48 min Scan# 4223
Delta R.T. 0.00 min
Lab File: BN006569.D
Acq: 25 Jun 2019 13:58

Tgt Ion:202 Resp: 1435

Ion	Ratio	Lower	Upper
202	100		
101	21.0	12.2	18.2#
100	22.4	9.8	14.6#





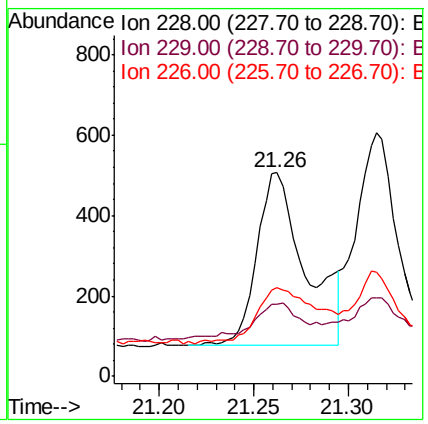
#18
Benzo(a)anthracene
Concen: 0.020 ng/ul
RT: 21.26 min Scan# 4703
Delta R.T. 0.03 min
Lab File: BN006569.D
Acq: 25 Jun 2019 13:58

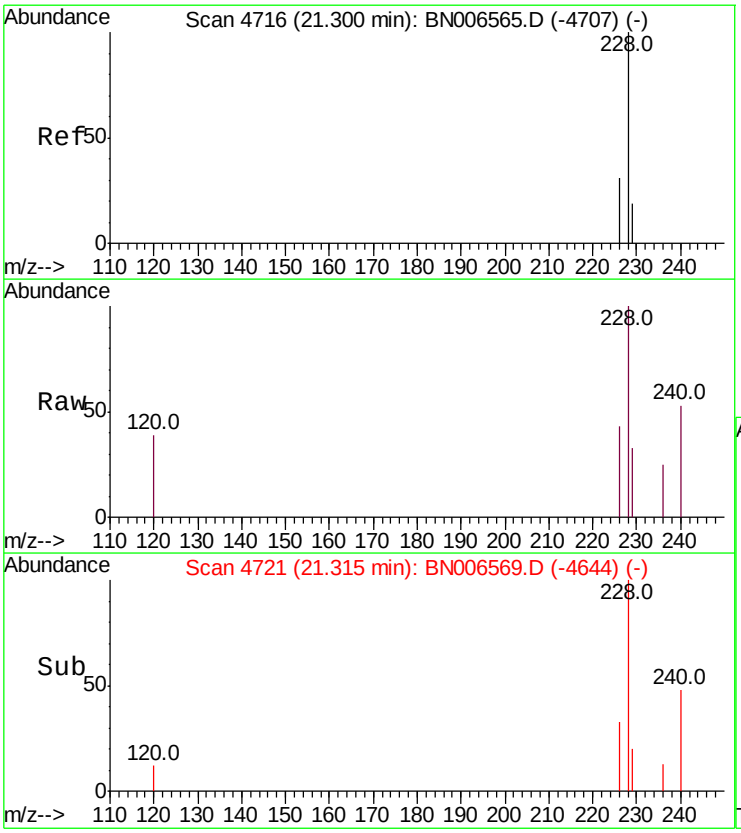
Instrument :
BNA_N
ClientSampleId :
A4210

Manual Integrations APPROVED
mohammad
6/25/2019 10:22:05 PM

Tgt Ion:228 Resp: 762

Ion	Ratio	Lower	Upper
228	100		
229	35.1	16.5	24.7#
226	43.4	22.8	34.2#





#19
Chrysene
Concen: 0.023 ng/ul
RT: 21.31 min Scan# 4721
Delta R.T. 0.03 min
Lab File: BN006569.D
Acq: 25 Jun 2019 13:58

Tgt Ion:228 Resp: 822

Ion	Ratio	Lower	Upper
228	100		
226	42.7	25.0	37.6#
229	32.5	16.3	24.5#