Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations APPROVED
Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:37:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:58:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2004	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9654	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5826	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	14527m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	17976m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	16348m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2381	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	7557m	0.18	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.25	178	1322m	0.028	ng/ul	
15) Fluoranthene	19.27	202	1797m	0.032	ng/ul	
17) Pyrene	19.63	202	2000m	0.031	ng/ul	
18) Benzo(a)anthracene	21.38	228	1256m	0.022	ng/ul	

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

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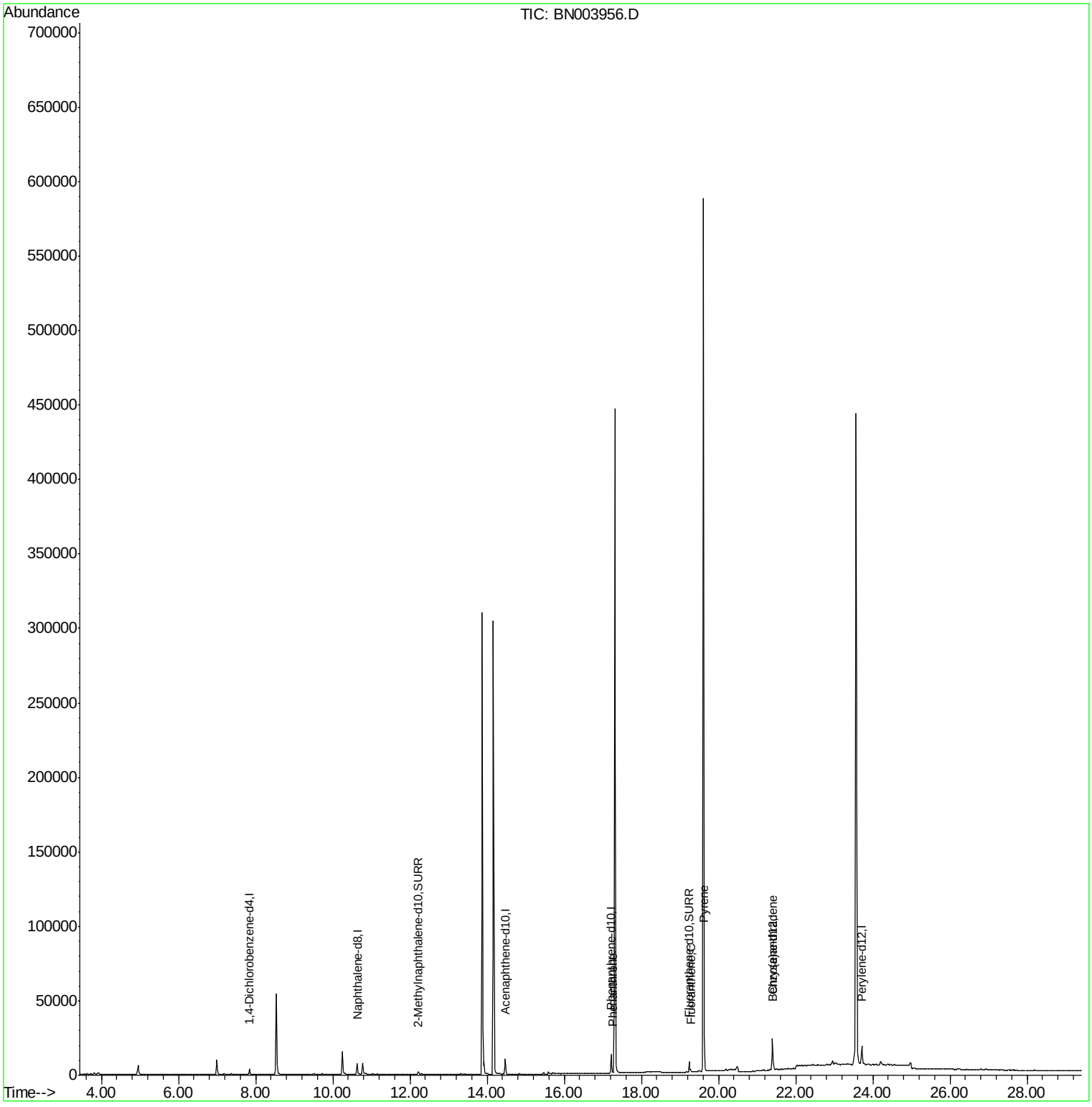
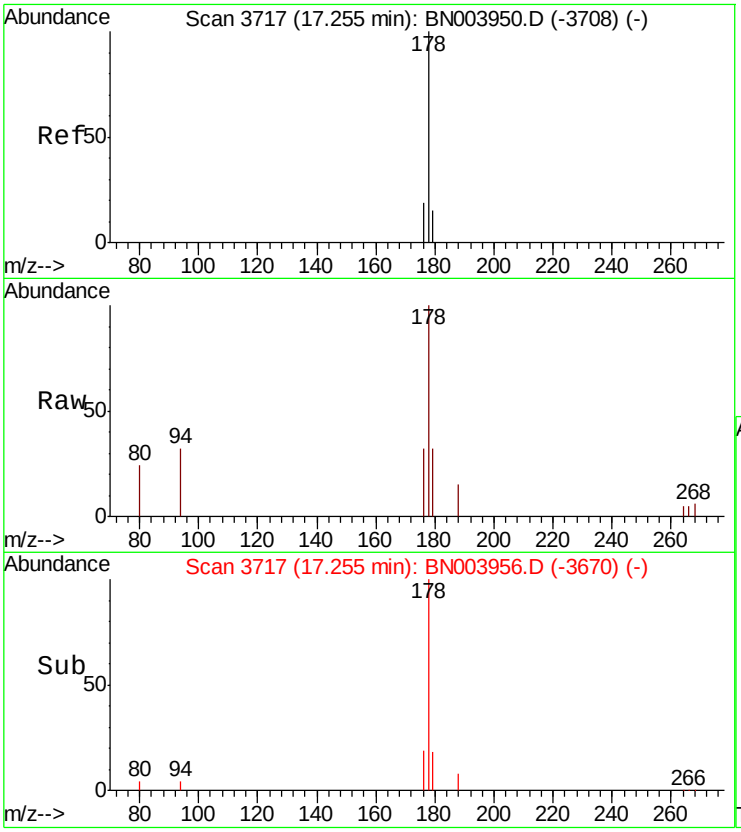
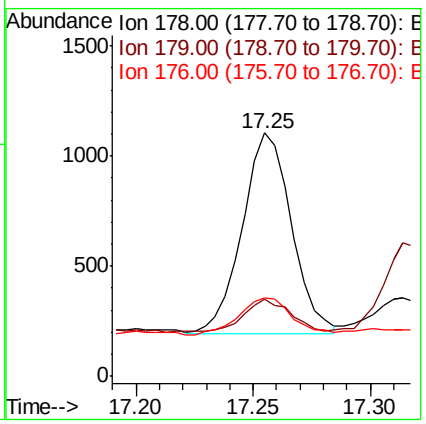




#12
Phenanthrene
Concen: 0.028 ng/ul m
RT: 17.25 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BN003956.D
Acq: 15 Dec 2018 13:20

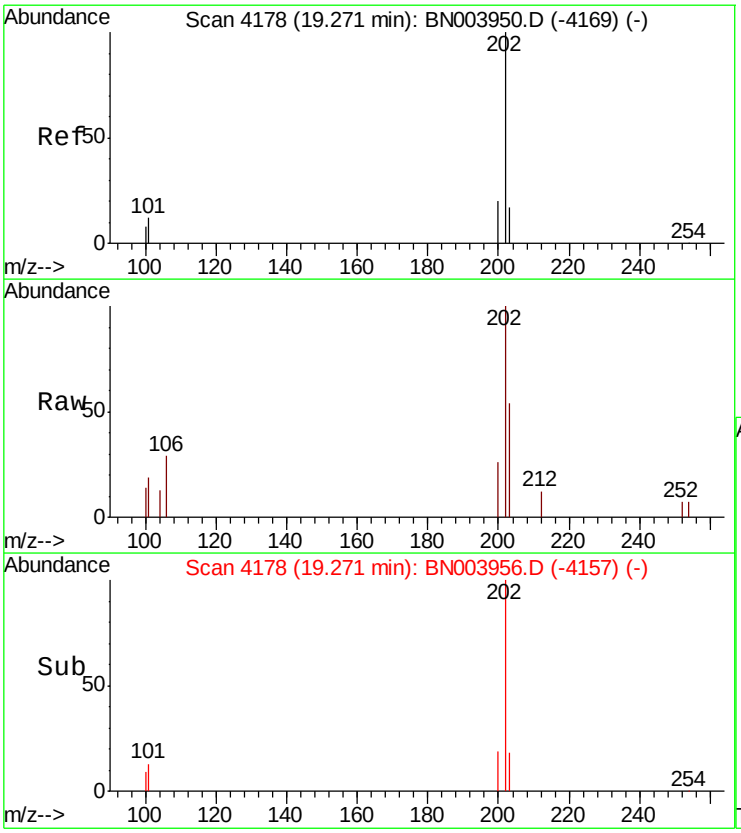
Tgt Ion:178 Resp: 1322

Ion	Ratio	Lower	Upper
178	100		
179	31.6	12.5	18.7#
176	32.3	15.0	22.4#



Instrument :
BNA_N
ClientSampleId :
F9E67

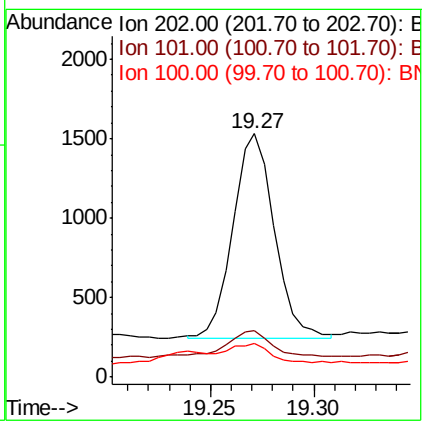
Manual Integrations APPROVED
Sohil
12/17/2018 4:23:50 PM

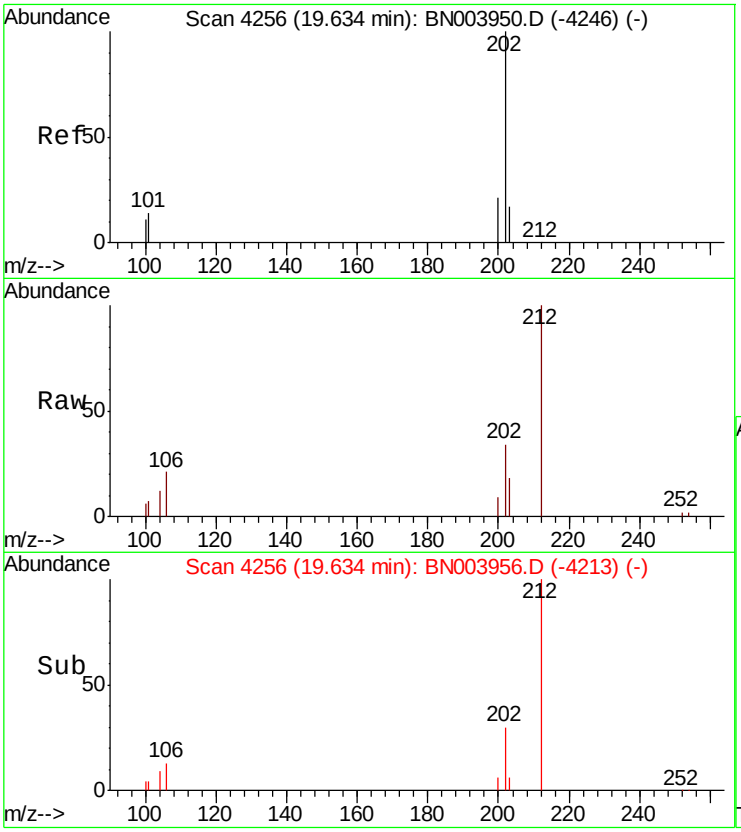


#15
Fluoranthene
Concen: 0.032 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BN003956.D
Acq: 15 Dec 2018 13:20

Tgt Ion:202 Resp: 1797

Ion	Ratio	Lower	Upper
202	100		
101	18.9	0.0	30.7
100	13.7	0.0	28.1





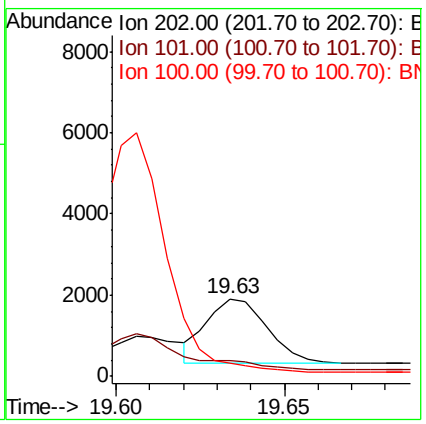
#17
Pyrene
Concen: 0.031 ng/ul m
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN003956.D
Acq: 15 Dec 2018 13:20

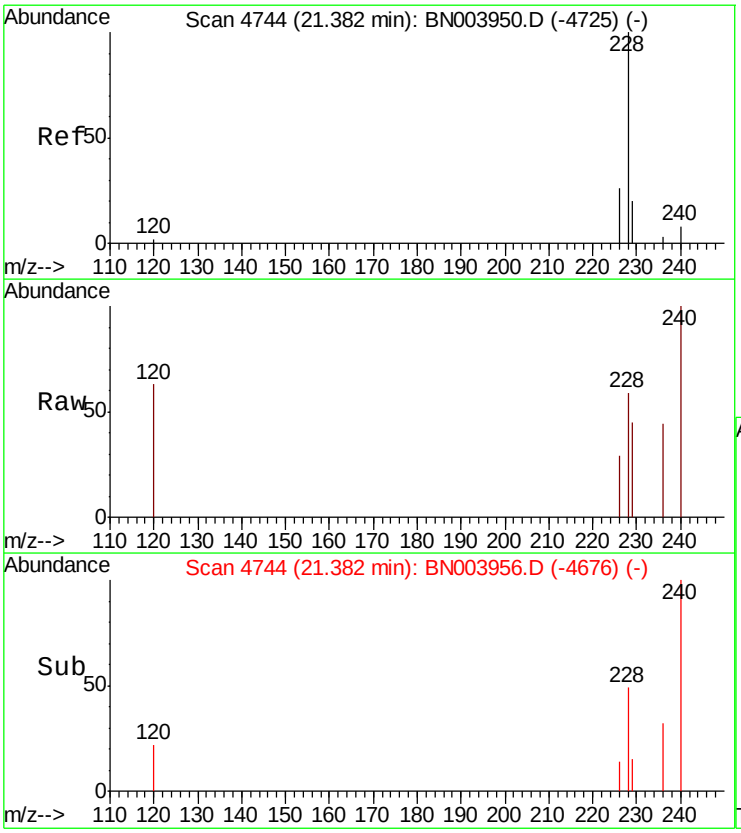
Tgt Ion:202 Resp: 2000

Ion	Ratio	Lower	Upper
202	100		
101	20.9	10.3	15.5#
100	17.3	8.5	12.7#

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations APPROVED
Sohil
12/17/2018 4:23:50 PM





#18
Benzo(a)anthracene
Concen: 0.022 ng/ul m
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN003956.D
Acq: 15 Dec 2018 13:20

Tgt Ion:228 Resp: 1256

Ion	Ratio	Lower	Upper
228	100		
229	75.3	15.6	23.4#
226	48.0	21.1	31.7#