Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
Data File : BN006962.D
Acq On : 23 Jul 2019 05:15
Operator : HP/JU
Sample : K3890-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A52Q6

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:49 AM

Quant Time: Jul 23 07:23:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 04:26:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2392	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	8646	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.24	164	4338	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	9060m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	7013m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5534m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	3189	0.24	ng/ul	0.02
14) Fluoranthene-d10	19.05	212	6623	0.25	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	1048	0.042	ng/ul#	73
12) Phenanthrene	17.04	178	1150m	0.039	ng/ul	
15) Fluoranthene	19.08	202	1313m	0.036	ng/ul	
17) Pyrene	19.43	202	1106	0.035	ng/ul#	35

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

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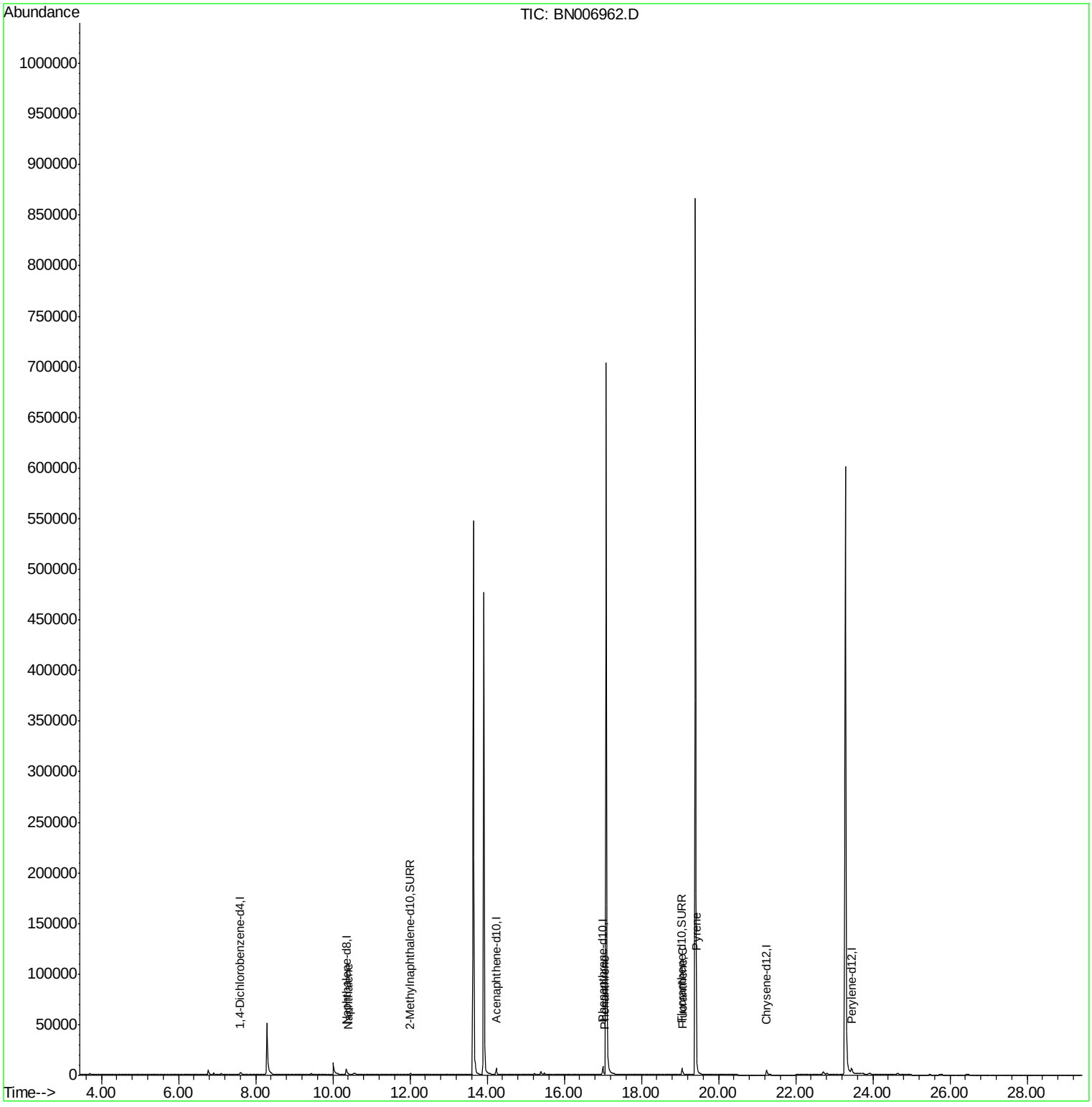
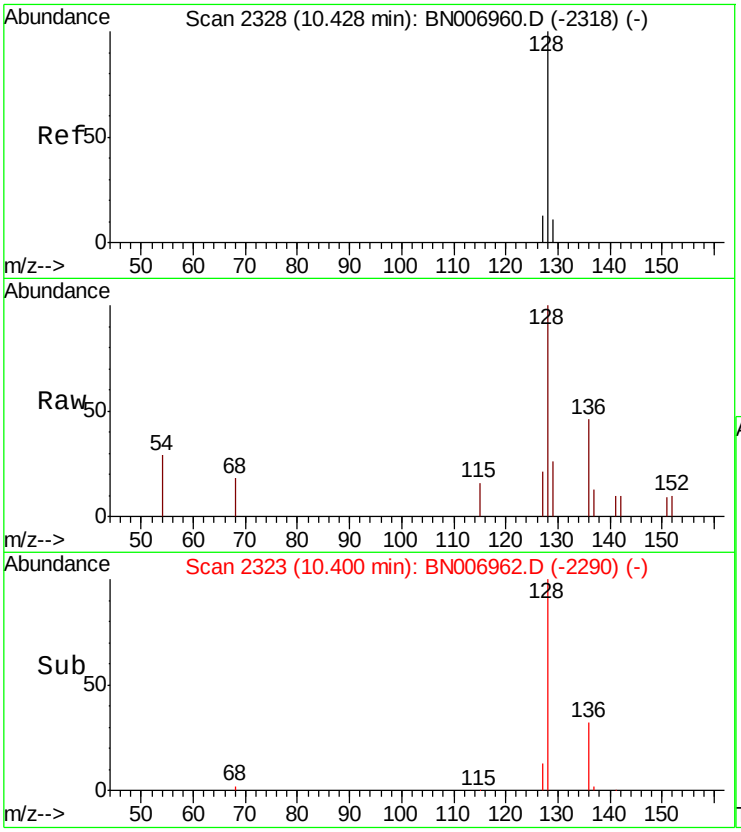
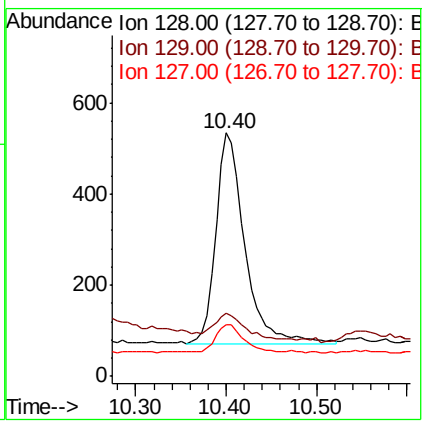




#3
Naphthalene
Concen: 0.042 ng/ul
RT: 10.40 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BN006962.D
Acq: 23 Jul 2019 05:15

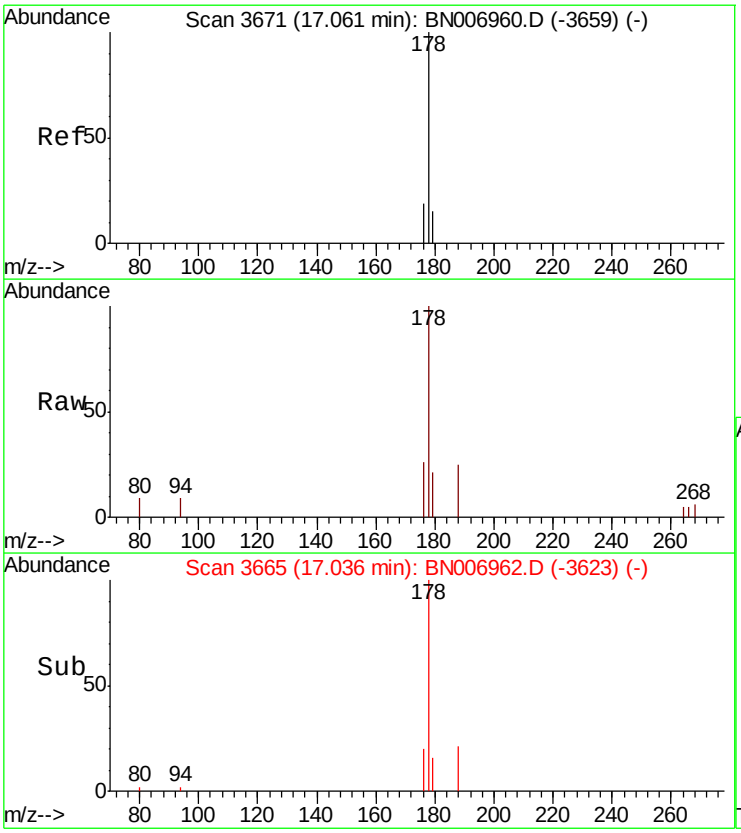
Tgt Ion:128 Resp: 1048

Ion	Ratio	Lower	Upper
128	100		
129	25.8	9.4	14.0#
127	21.0	10.6	16.0#



Instrument :
BNA_N
ClientSampleId :
A52Q6

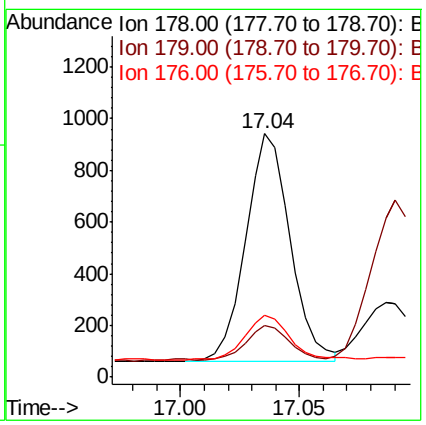
Manual Integrations APPROVED
mohammad
7/23/2019 8:42:49 AM

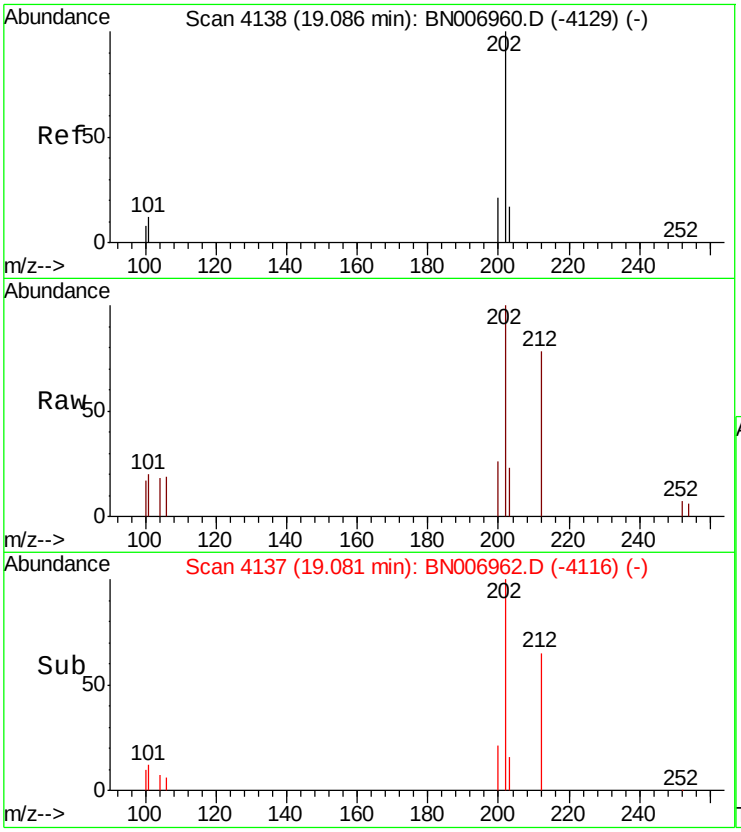


#12
Phenanthrene
Concen: 0.039 ng/ul m
RT: 17.04 min Scan# 3665
Delta R.T. -0.02 min
Lab File: BN006962.D
Acq: 23 Jul 2019 05:15

Tgt Ion:178 Resp: 1150

Ion	Ratio	Lower	Upper
178	100		
179	21.1	12.6	19.0#
176	25.7	15.8	23.8#

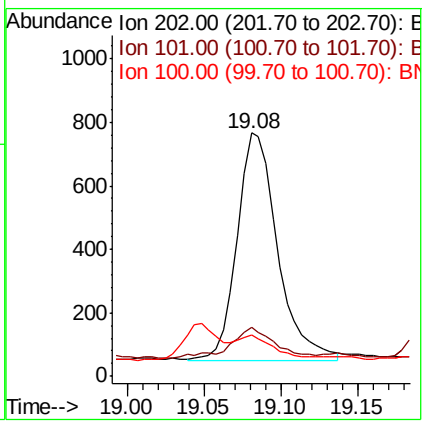




#15
Fluoranthene
Concen: 0.036 ng/ul m
RT: 19.08 min Scan# 4137
Delta R.T. -0.00 min
Lab File: BN006962.D
Acq: 23 Jul 2019 05:15

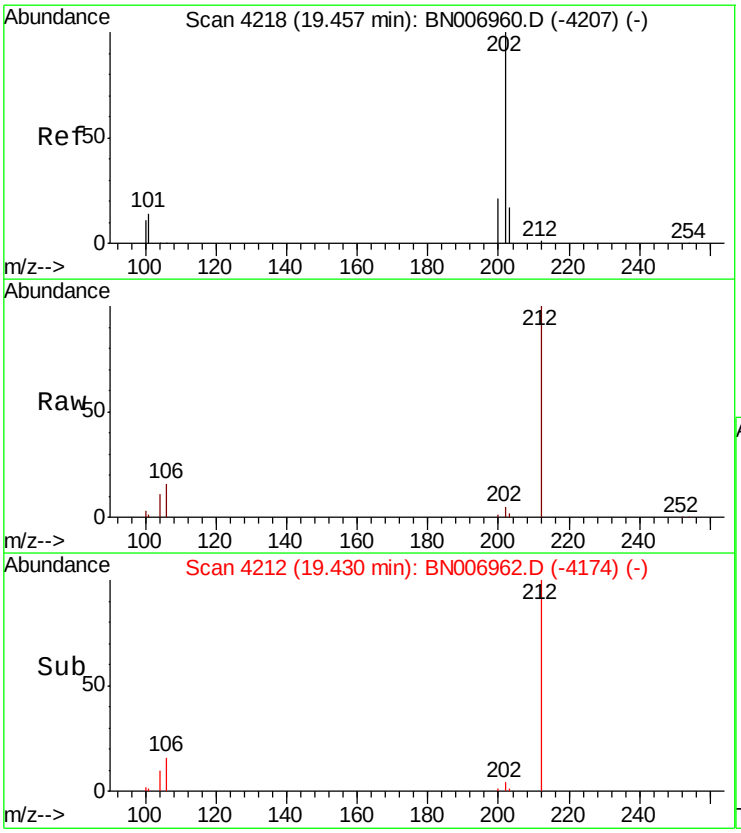
Tgt Ion:202 Resp: 1313

Ion	Ratio	Lower	Upper
202	100		
101	20.1	0.0	33.2
100	16.9	0.0	29.9



Instrument :
BNA_N
ClientSampleId :
A52Q6

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:49 AM



#17
Pyrene
Concen: 0.035 ng/ul
RT: 19.43 min Scan# 4212
Delta R.T. -0.02 min
Lab File: BN006962.D
Acq: 23 Jul 2019 05:15

Tgt Ion:202 Resp: 1106

Ion	Ratio	Lower	Upper
202	100		
101	28.3	12.2	18.2#
100	54.4	9.8	14.8#