Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003083.D
Acq On : 11 Oct 2018 02:23
Operator : MJ/SJ
Sample : J5230-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z06

Manual Integrations APPROVED
Sohil
10/11/2018 5:46:00 PM

Quant Time: Oct 11 08:40:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 08:10:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1797	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7504	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4384	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	9798m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	7450m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5163m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	3252	0.28	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	7733m	0.28	ng/ul	-0.01
Target Compounds						Qvalue
12) Phenanthrene	17.06	178	868m	0.032	ng/ul	
15) Fluoranthene	19.09	202	2563m	0.080	ng/ul	
17) Pyrene	19.44	202	2438m	0.084	ng/ul	
18) Benzo(a)anthracene	21.22	228	943	0.039	ng/ul#	69
19) Chrysene	21.27	228	1168	0.048	ng/ul#	75
21) Benzo(b)fluoranthene	22.78	252	1521m	0.082	ng/ul	

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

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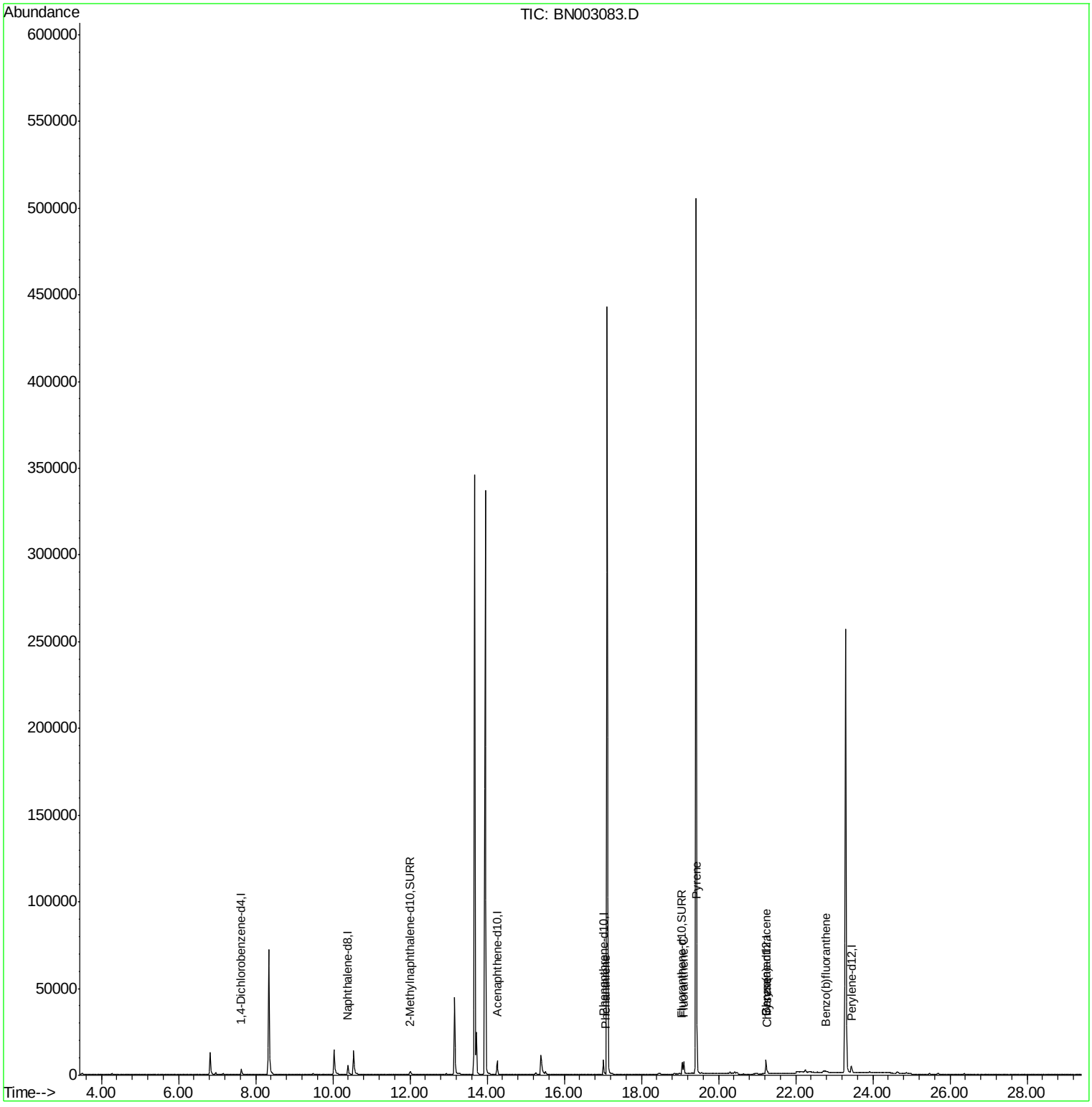
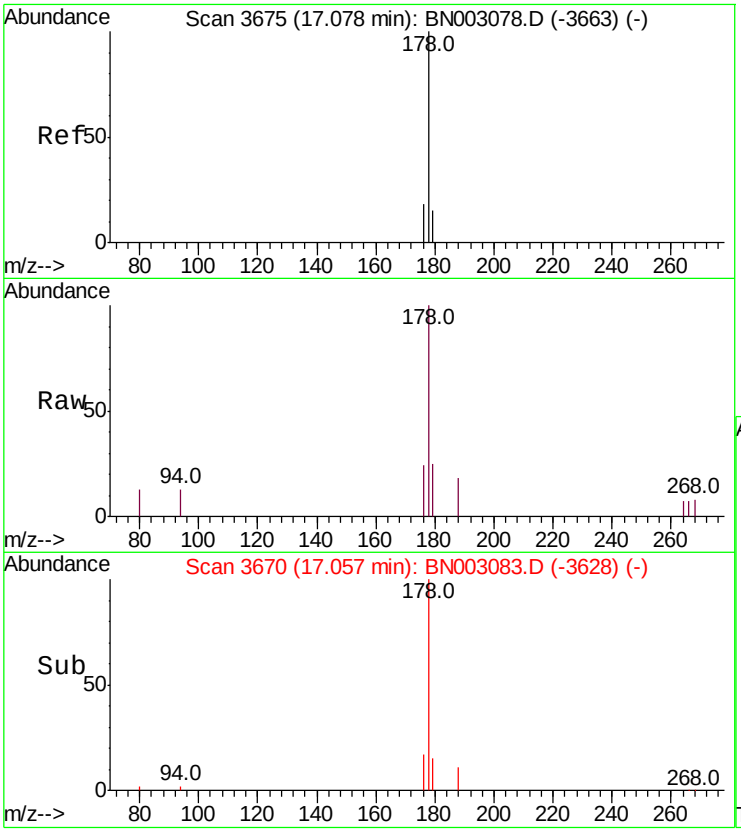




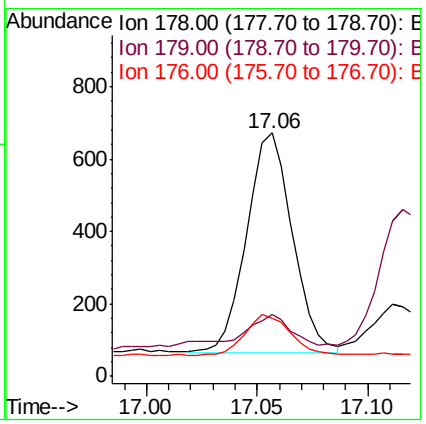
#12
Phenanthrene
Concen: 0.032 ng/ul m
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003083.D
Acq: 11 Oct 2018 02:23

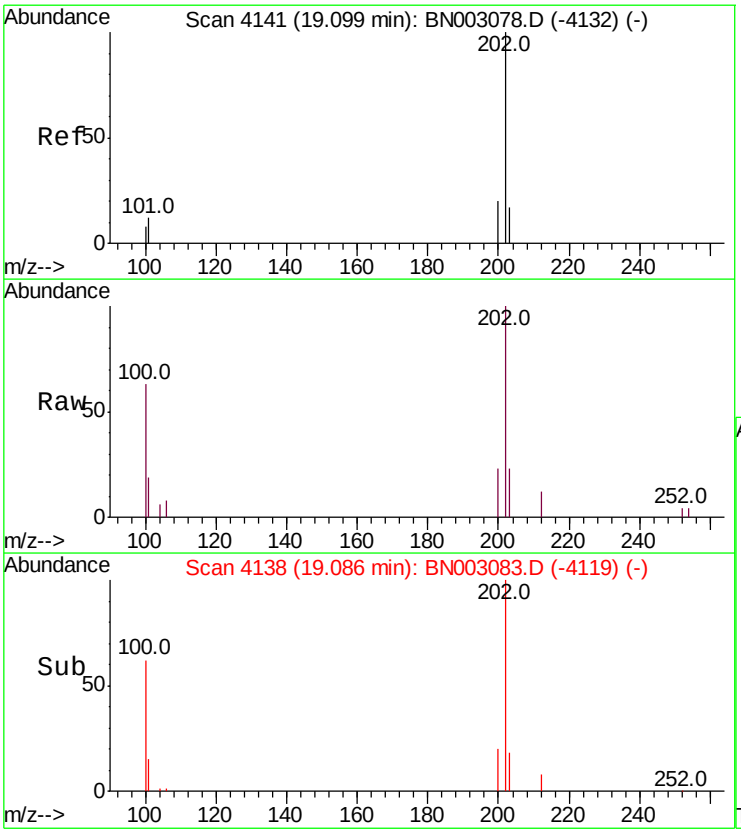
Tgt Ion:178 Resp: 868

Ion	Ratio	Lower	Upper
178	100		
179	25.4	12.9	19.3#
176	24.0	15.4	23.2#

Instrument :
BNA_N
ClientSampleId :
A3Z06

Manual Integrations APPROVED
Sohil
10/11/2018 5:46:00 PM

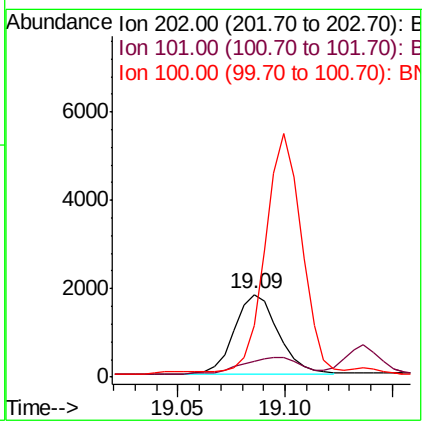


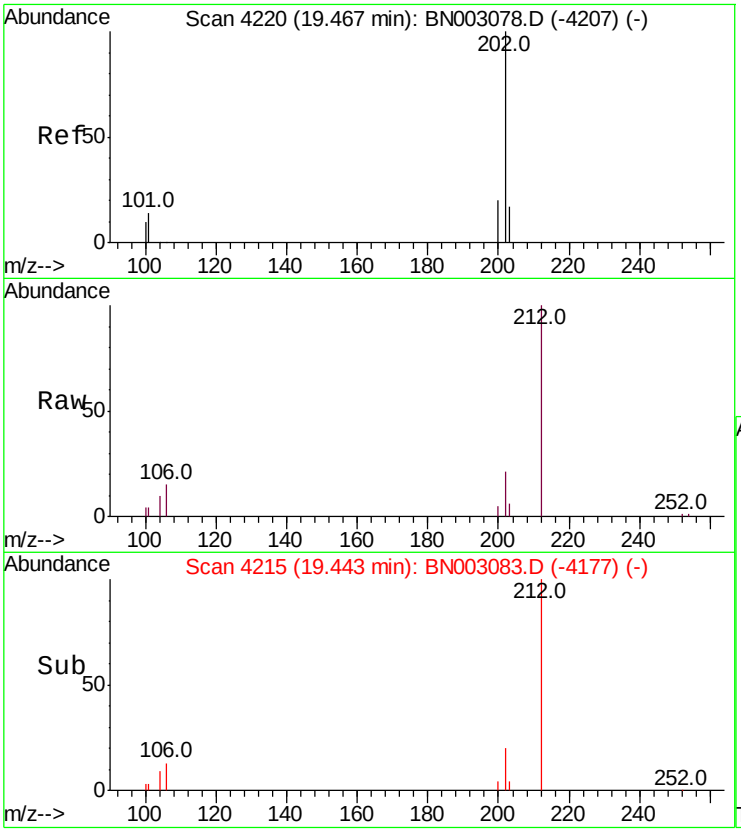


#15
Fluoranthene
Concen: 0.080 ng/ul m
RT: 19.09 min Scan# 4138
Delta R.T. -0.01 min
Lab File: BN003083.D
Acq: 11 Oct 2018 02:23

Tgt Ion:202 Resp: 2563

Ion	Ratio	Lower	Upper
202	100		
101	18.9	0.0	32.3
100	62.8	0.0	29.1#





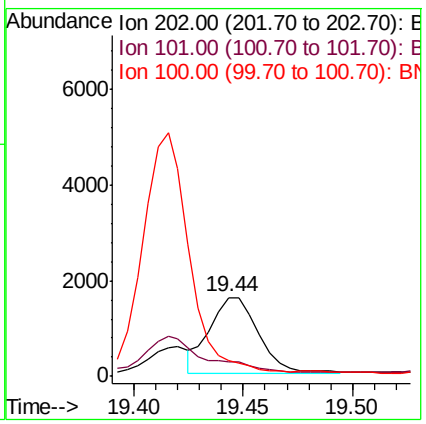
#17
Pyrene
Concen: 0.084 ng/ul m
RT: 19.44 min Scan# 4215
Delta R.T. -0.02 min
Lab File: BN003083.D
Acq: 11 Oct 2018 02:23

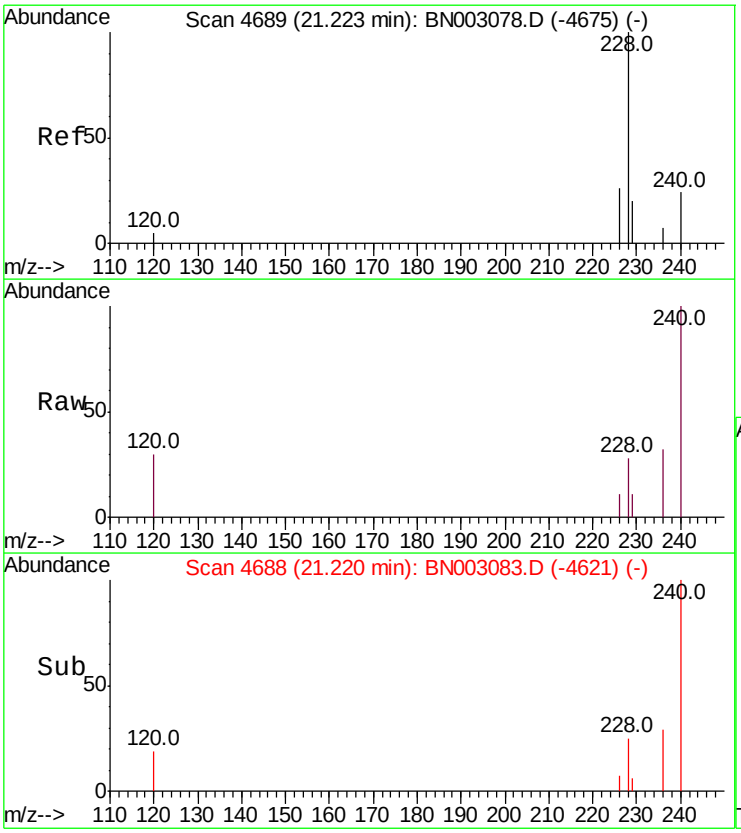
Tgt Ion:202 Resp: 2438

Ion	Ratio	Lower	Upper
202	100		
101	19.1	11.9	17.9#
100	19.7	9.9	14.9#

Instrument :
BNA_N
ClientSampleId :
A3Z06

Manual Integrations APPROVED
Sohil
10/11/2018 5:46:00 PM

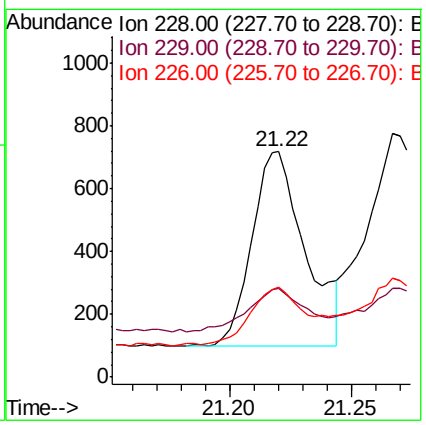


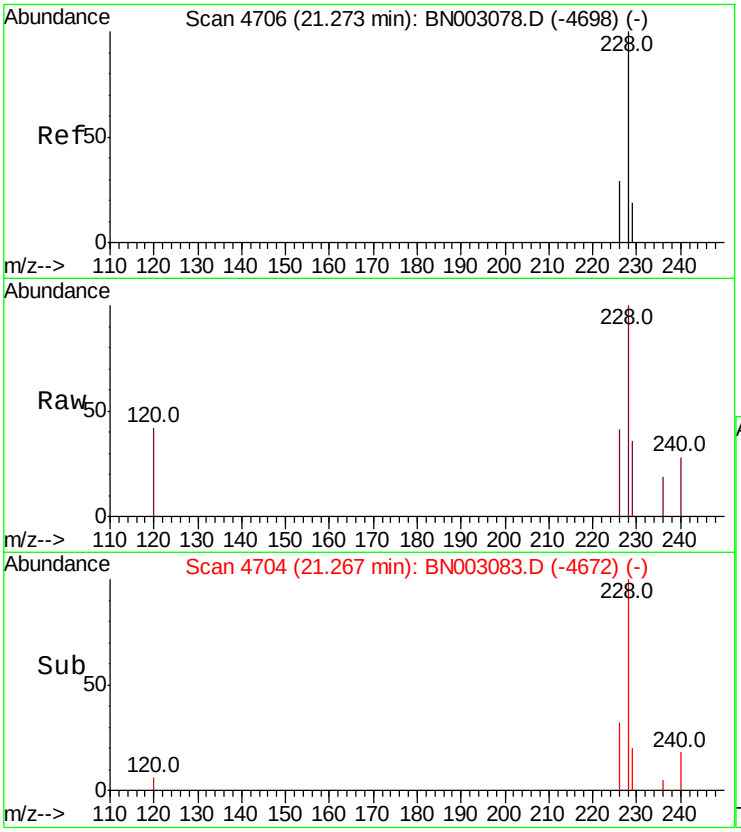


#18
Benzo(a)anthracene
Concen: 0.039 ng/ul
RT: 21.22 min Scan# 4688
Delta R.T. -0.00 min
Lab File: BN003083.D
Acq: 11 Oct 2018 02:23

Tgt Ion:228 Resp: 943

Ion	Ratio	Lower	Upper
228	100		
229	39.3	16.2	24.2#
226	39.7	22.3	33.5#





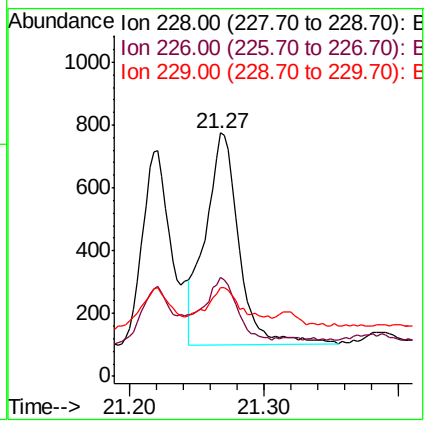
#19
Chrysene
Concen: 0.048 ng/ul
RT: 21.27 min Scan# 4704
Delta R.T. -0.01 min
Lab File: BN003083.D
Acq: 11 Oct 2018 02:23

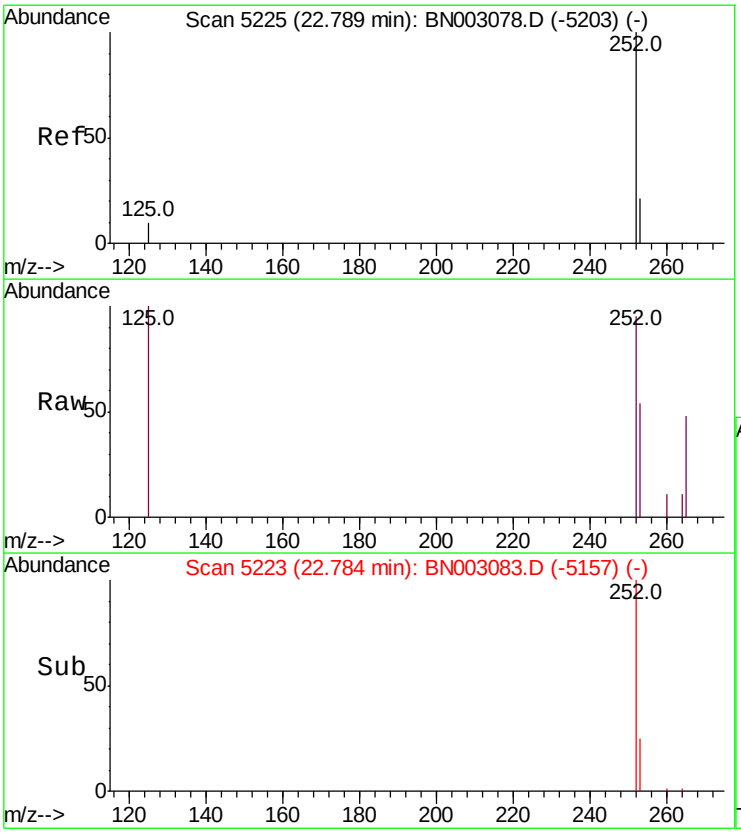
Instrument :
BNA_N
ClientSampleId :
A3Z06

Manual Integrations APPROVED
Sohil
10/11/2018 5:46:00 PM

Tgt Ion:228 Resp: 1168

Ion	Ratio	Lower	Upper
228	100		
226	40.6	24.2	36.4#
229	36.4	16.7	25.1#





#21
Benzo(b)fluoranthene
Concen: 0.082 ng/ul m
RT: 22.78 min Scan# 5223
Delta R.T. -0.01 min
Lab File: BN003083.D
Acq: 11 Oct 2018 02:23

Tgt Ion:252 Resp: 1521

Ion	Ratio	Lower	Upper
252	100		
253	56.5	0.0	53.2#
125	105.6	0.0	34.2#