Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
Data File : BN003793.D
Acq On : 11 Dec 2018 00:09
Operator : JU/SJ
Sample : J6077-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9Y30

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:24 PM

Quant Time: Dec 11 04:53:02 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 : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	6089	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	24535	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	13591	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	27906m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	19851m	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	16659m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	9939	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.23	212	21479m	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	70908	1.029	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	124859	2.595	ng/ul	100
7) Acenaphthylene	14.19	152	6225	0.102	ng/ul#	62
8) Acenaphthene	14.53	153	7798	0.145	ng/ul	93
9) Fluorene	15.51	166	7713	0.123	ng/ul#	87
12) Phenanthrene	17.25	178	288167m	3.146	ng/ul	
13) Anthracene	17.34	178	36059m	0.479	ng/ul	
15) Fluoranthene	19.27	202	98874m	0.914	ng/ul	
17) Pyrene	19.63	202	264549	3.716	ng/ul	99
18) Benzo(a)anthracene	21.38	228	83854m	1.337	ng/ul	
19) Chrysene	21.43	228	148426m	2.069	ng/ul	
21) Benzo(b)fluoranthene	23.00	252	77440m	1.124	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	20682m	0.308	ng/ul	
23) Benzo(a)pyrene	23.60	252	64316m	1.078	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.05	276	39291m	0.574	ng/ul	
25) Dibenzo(a,h)anthracene	26.05	278	16549m	0.300	ng/ul	
26) Benzo(g,h,i)perylene	26.77	276	77530	1.304	ng/ul	93

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

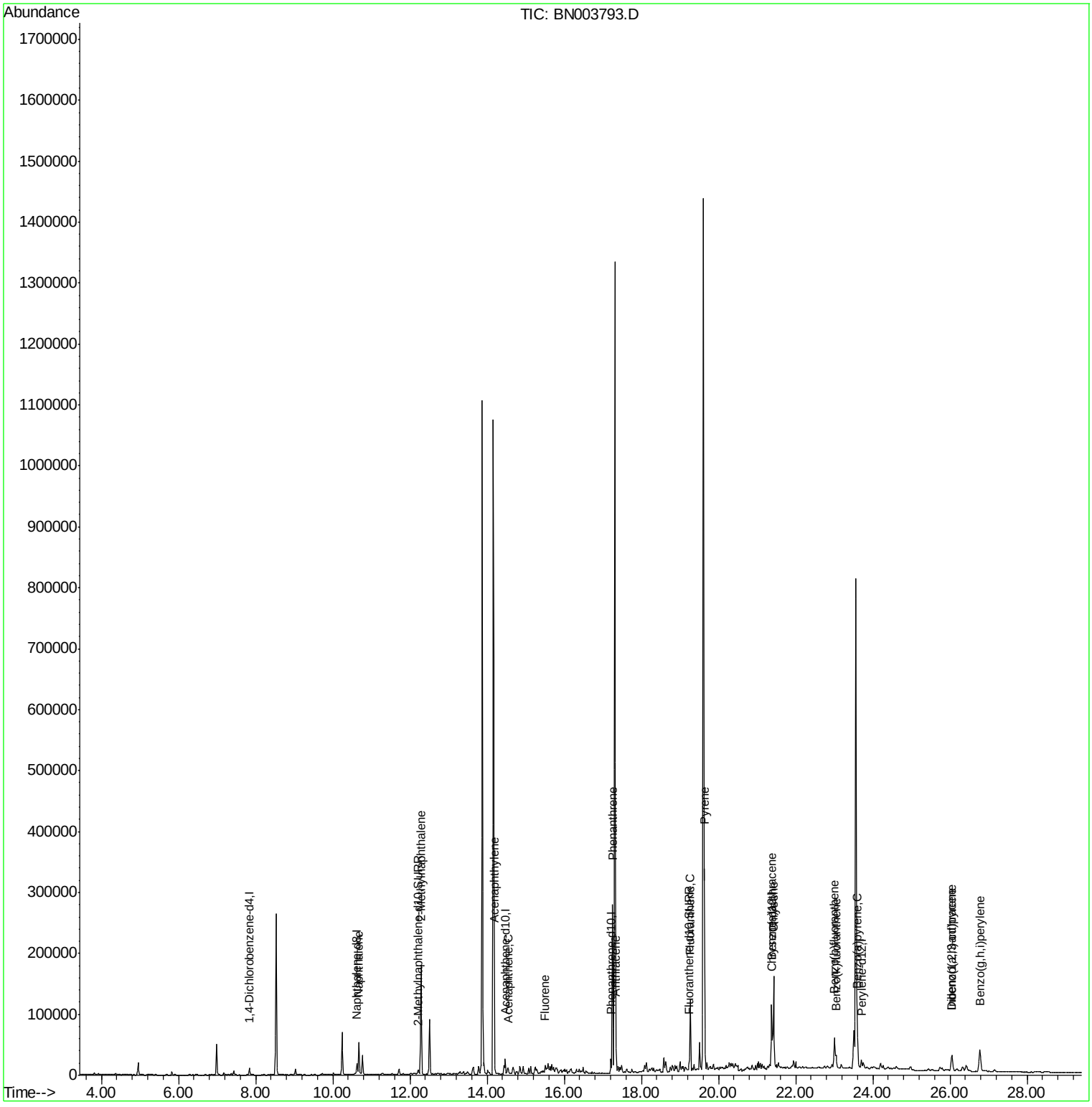
Quantitation Report (QT Reviewed)

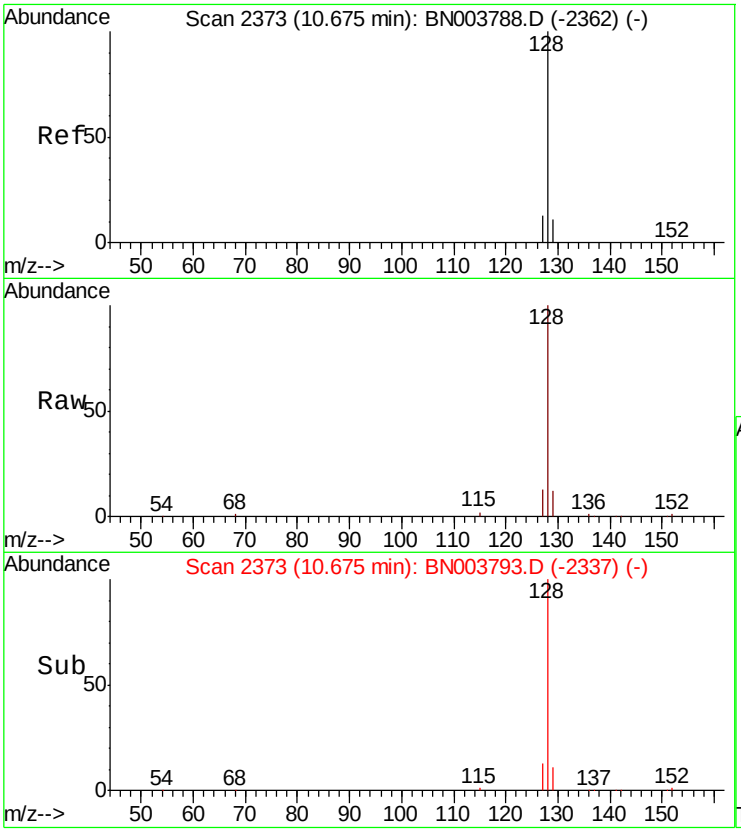
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
Data File : BN003793.D
Acq On : 11 Dec 2018 00:09
Operator : JU/SJ
Sample : J6077-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 11 04:53:02 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 : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y30

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:24 PM

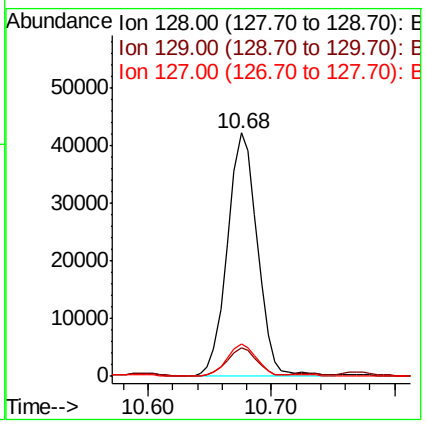




#3
Naphthalene
Concen: 1.029 ng/ul
RT: 10.68 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

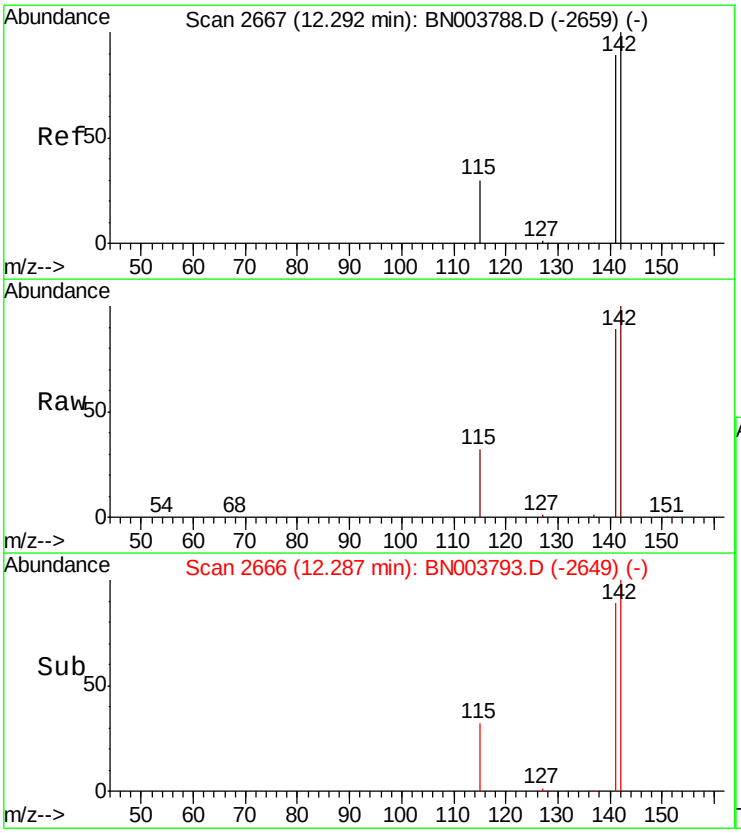
Tgt Ion:128 Resp: 70908

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.1	10.5	15.7



Instrument :
BNA_N
ClientSampleId :
F9Y30

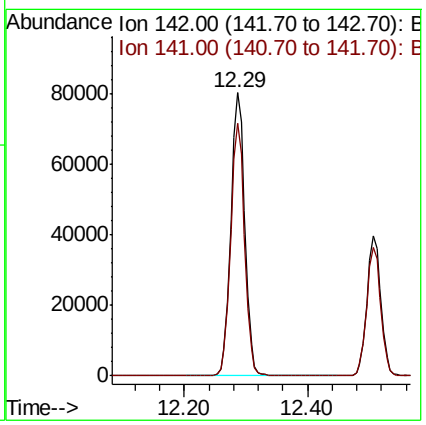
Manual Integrations APPROVED
Sohil
12/11/2018 6:12:24 PM

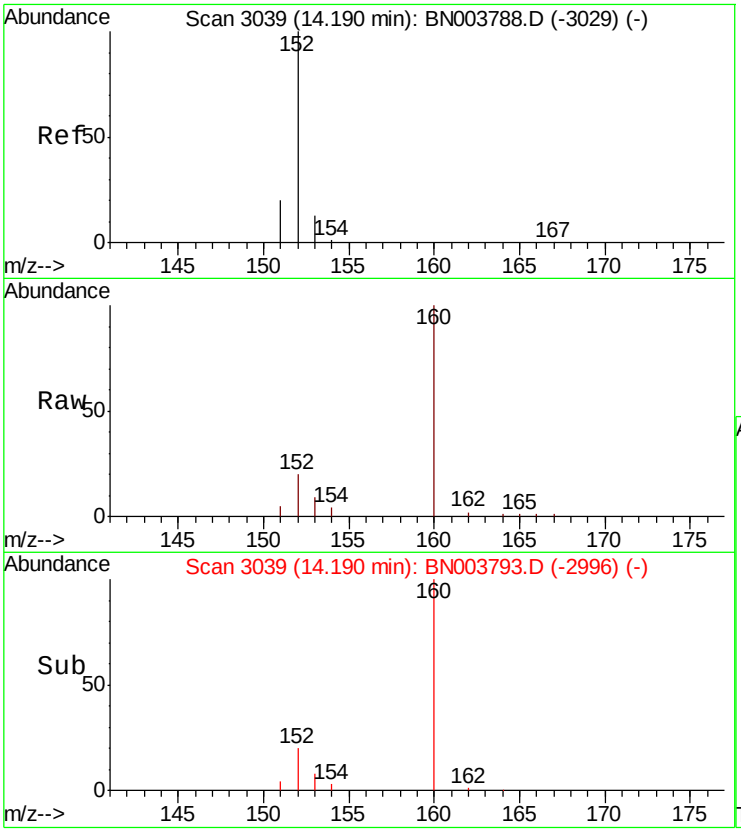


#5
2-Methylnaphthalene
Concen: 2.595 ng/ul
RT: 12.29 min Scan# 2666
Delta R.T. -0.01 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

Tgt Ion:142 Resp: 124859

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.5	107.3





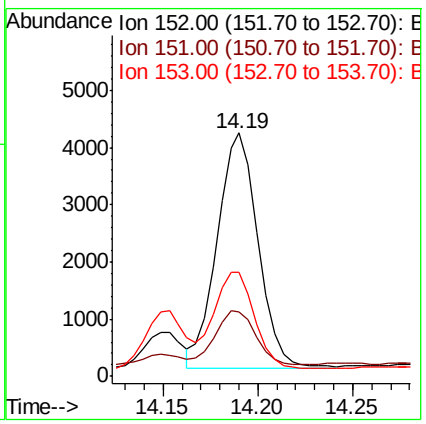
#7
Acenaphthylene
Concen: 0.102 ng/ul
RT: 14.19 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

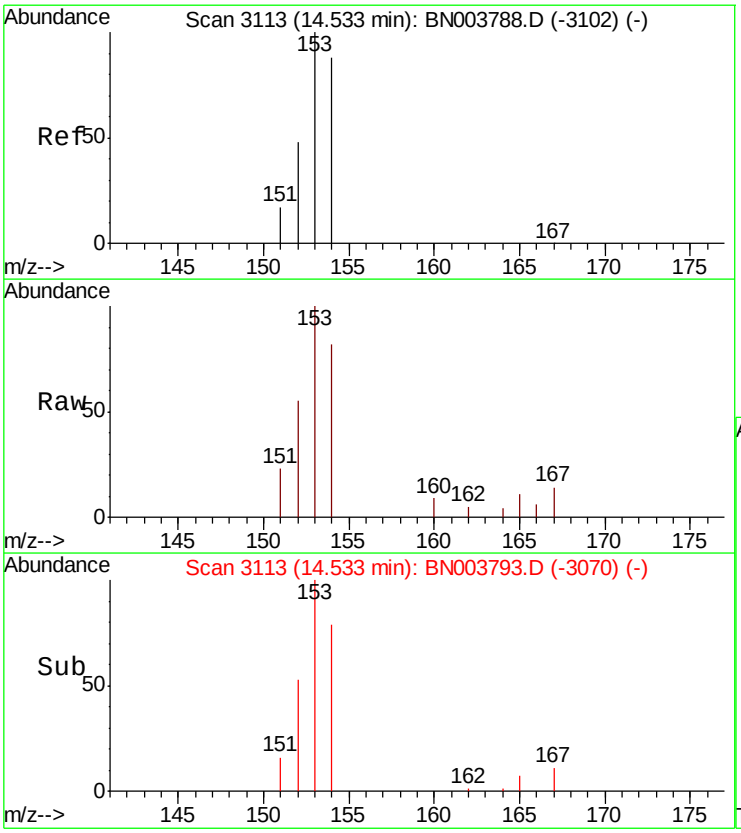
Tgt Ion:152 Resp: 6225

Ion	Ratio	Lower	Upper
152	100		
151	26.6	15.9	23.9#
153	42.6	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
F9Y30

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:24 PM

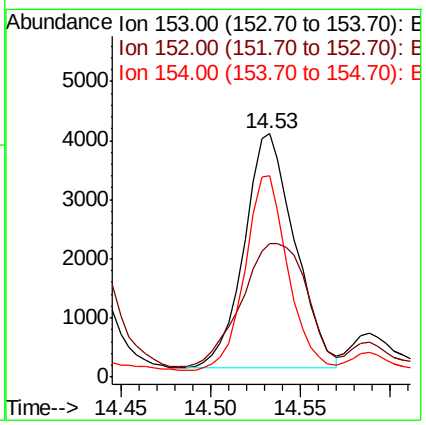


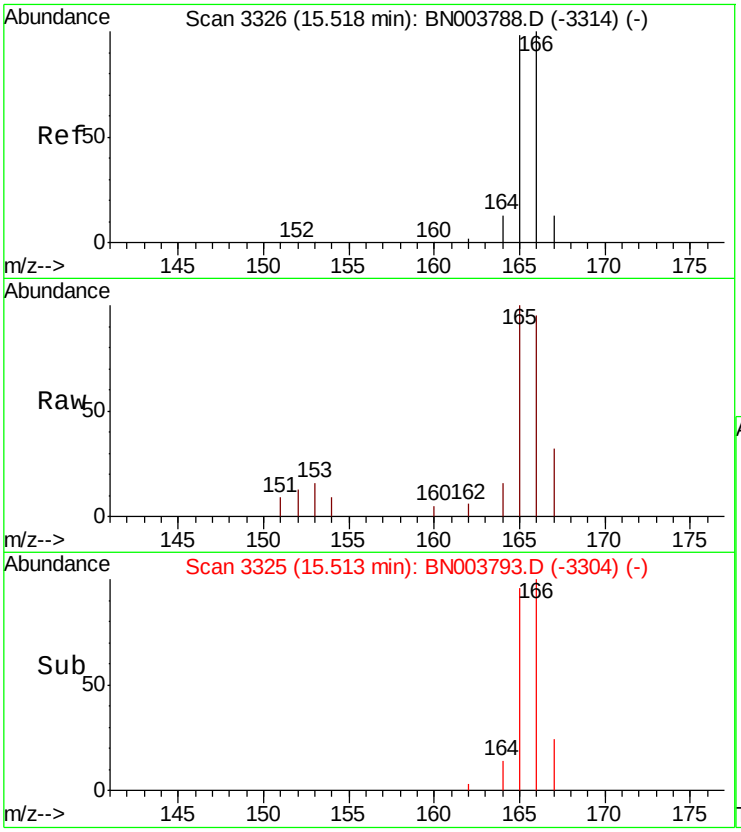


#8
Acenaphthene
Concen: 0.145 ng/ul
RT: 14.53 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

Tgt Ion:153 Resp: 7798

Ion	Ratio	Lower	Upper
153	100		
152	55.1	39.3	58.9
154	82.5	70.3	105.5

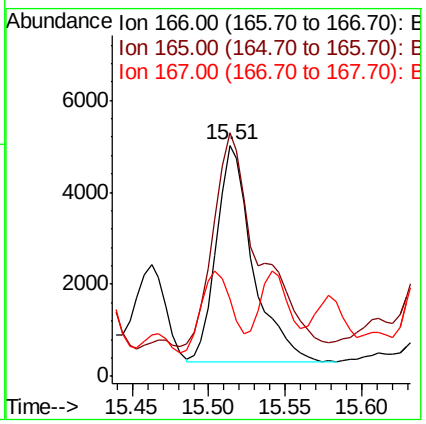




#9
Fluorene
Concen: 0.123 ng/ul
RT: 15.51 min Scan# 3325
Delta R.T. -0.00 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

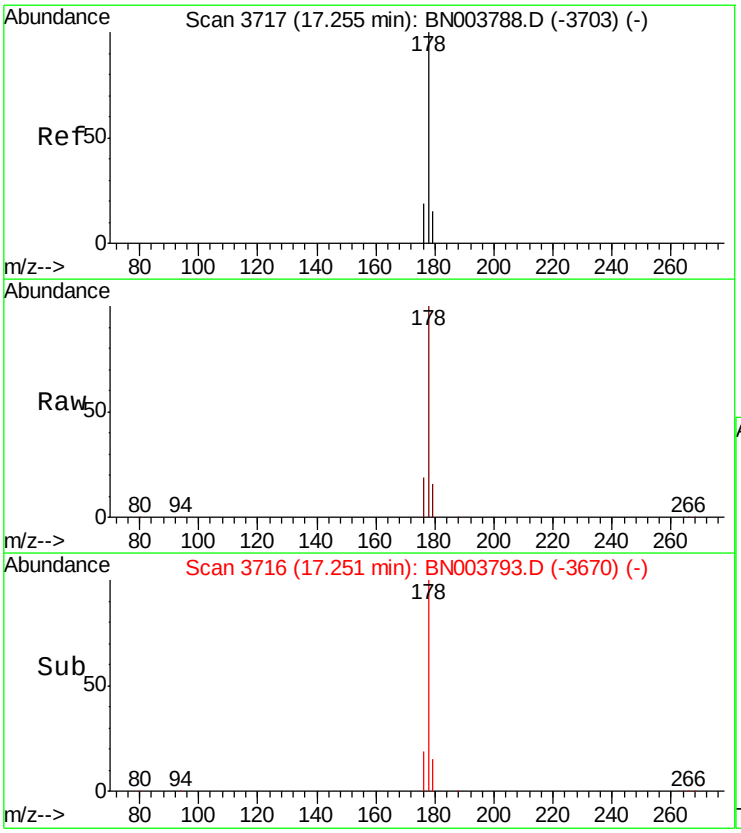
Tgt Ion:166 Resp: 7713

Ion	Ratio	Lower	Upper
166	100		
165	105.5	78.3	117.5
167	33.4	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :
F9Y30

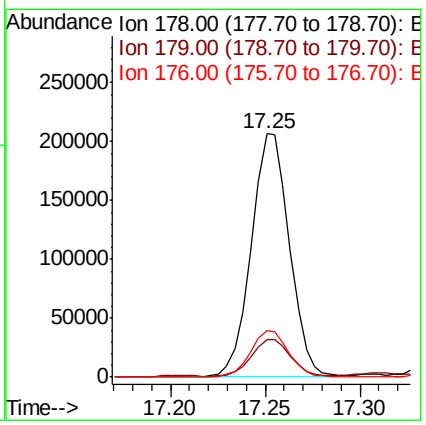
Manual Integrations APPROVED
Sohil
12/11/2018 6:12:24 PM

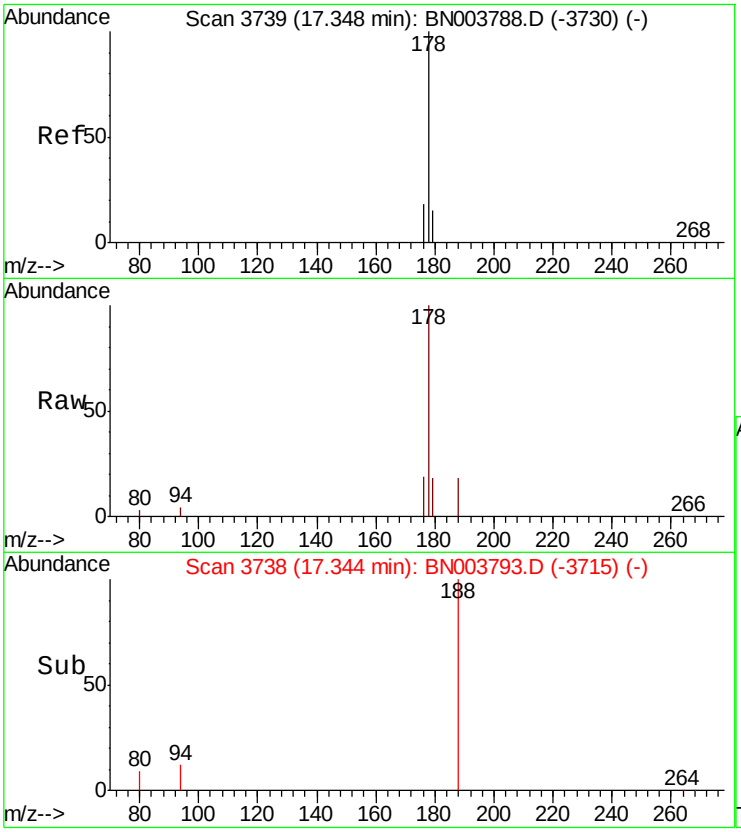


#12
Phenanthrene
Concen: 3.146 ng/ul m
RT: 17.25 min Scan# 3716
Delta R.T. -0.00 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

Tgt Ion:178 Resp: 288167

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.3	15.0	22.4

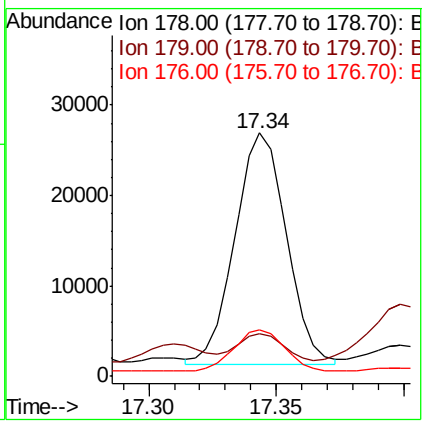




#13
Anthracene
Concen: 0.479 ng/ul m
RT: 17.34 min Scan# 3738
Delta R.T. -0.00 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

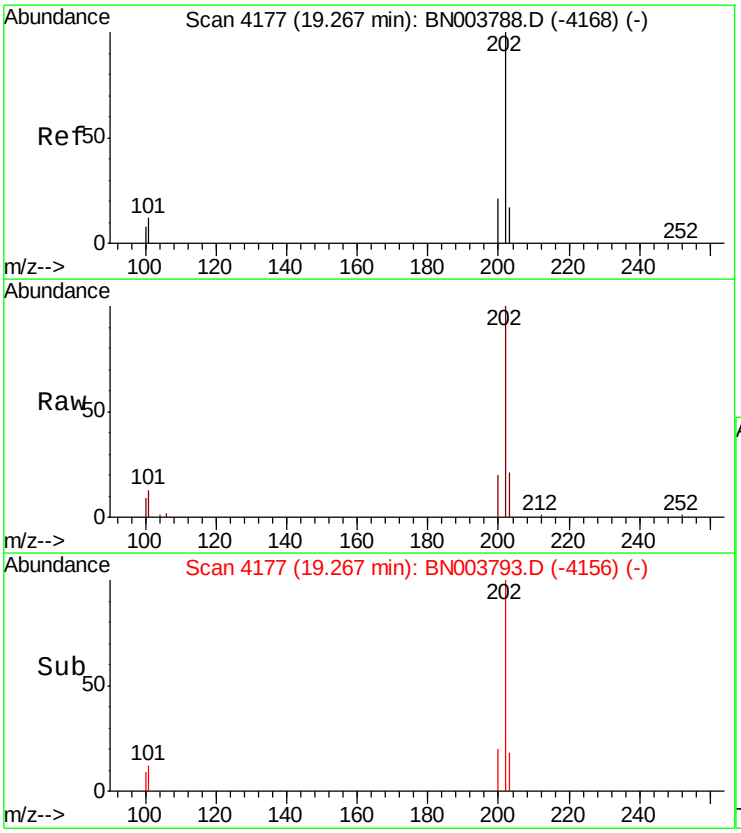
Tgt Ion:178 Resp: 36059

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.3	18.5
176	19.3	14.8	22.2



Instrument :
BNA_N
ClientSampleId :
F9Y30

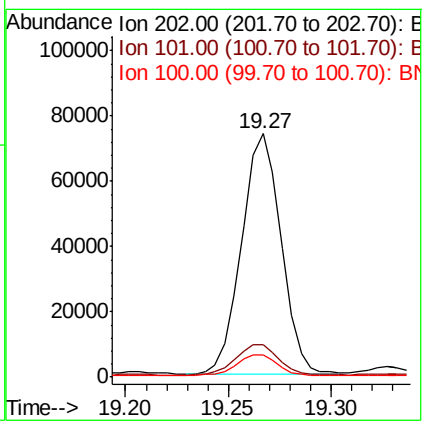
Manual Integrations APPROVED
Sohil
12/11/2018 6:12:24 PM

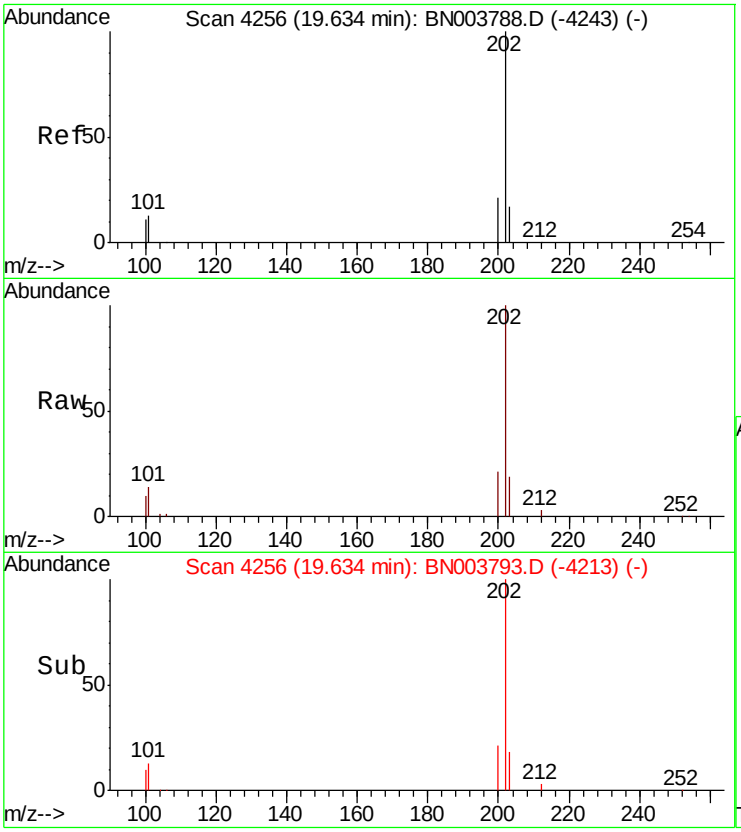


#15
Fluoranthene
Concen: 0.914 ng/ul m
RT: 19.27 min Scan# 4177
Delta R.T. -0.00 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

Tgt Ion:202 Resp: 98874

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	30.7
100	8.9	0.0	28.1





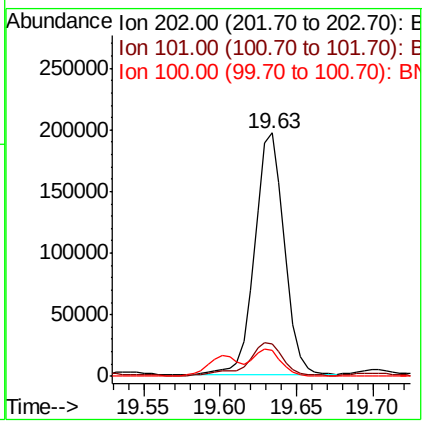
#17
Pyrene
Concen: 3.716 ng/ul
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

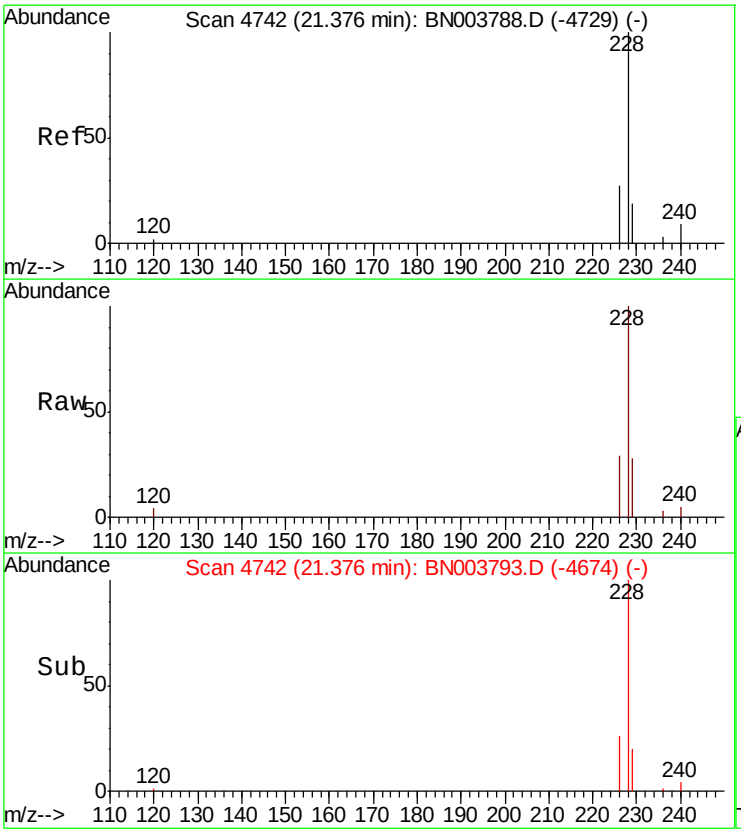
Tgt Ion:202 Resp: 264549

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.3	15.5
100	10.4	8.5	12.7

Instrument :
BNA_N
ClientSampleId :
F9Y30

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:24 PM

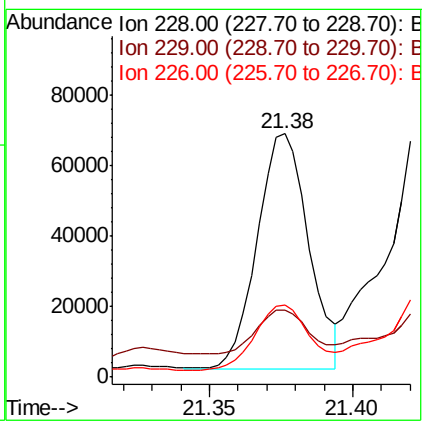


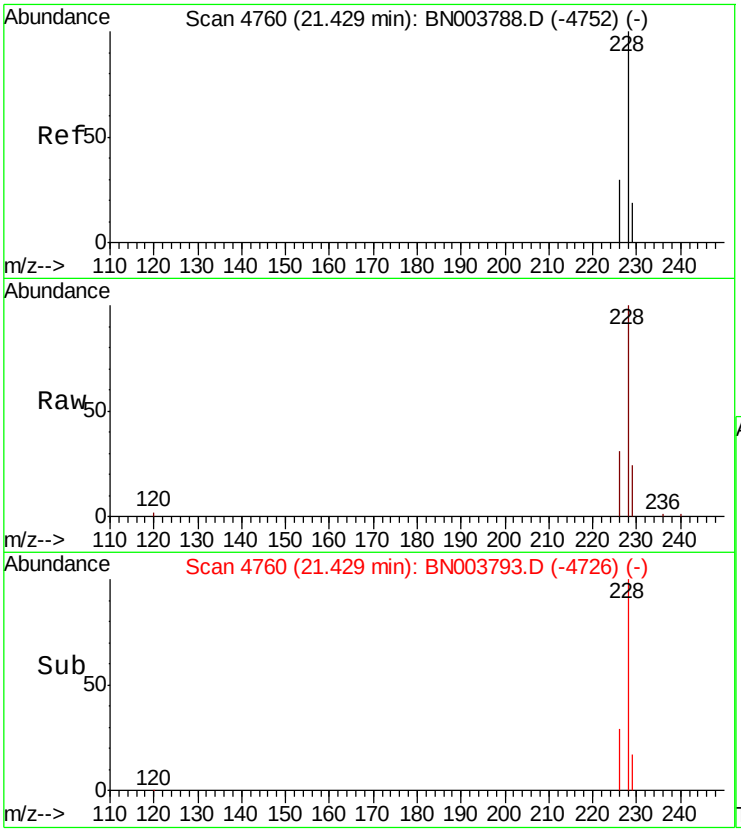


#18
Benzo(a)anthracene
Concen: 1.337 ng/ul m
RT: 21.38 min Scan# 4742
Delta R.T. -0.00 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

Tgt Ion:228 Resp: 83854

Ion	Ratio	Lower	Upper
228	100		
229	27.5	15.6	23.4#
226	29.4	21.1	31.7

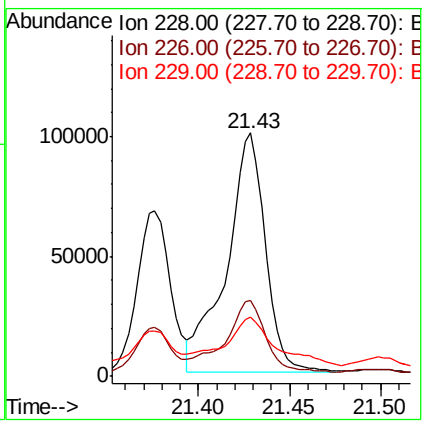




#19
Chrysene
Concen: 2.069 ng/ul m
RT: 21.43 min Scan# 4760
Delta R.T. -0.00 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

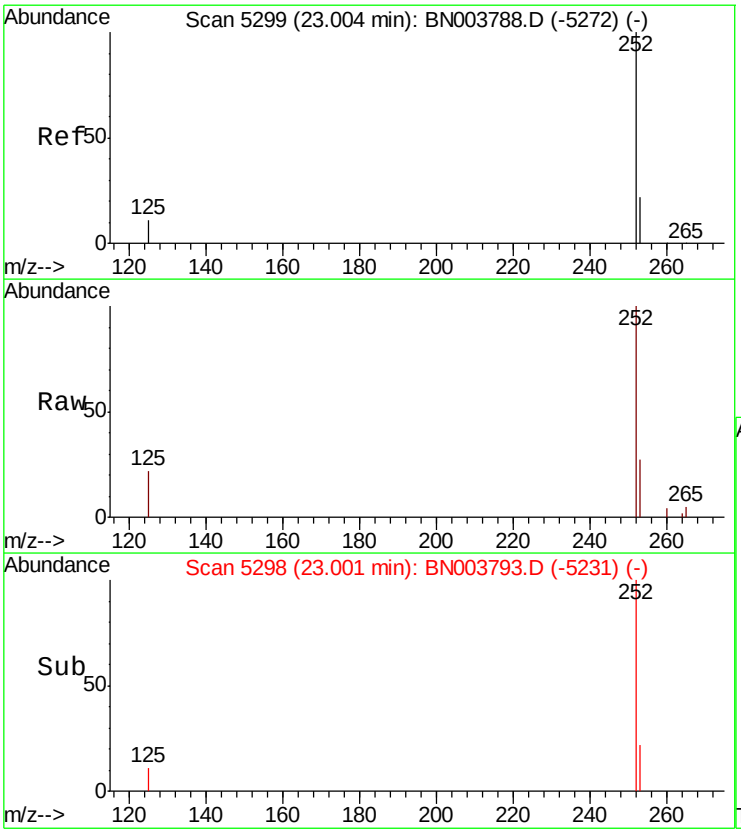
Tgt Ion:228 Resp: 148426

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	24.1	15.7	23.5#



Instrument :
BNA_N
ClientSampleId :
F9Y30

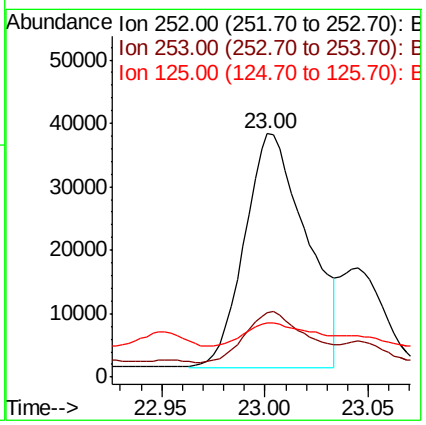
Manual Integrations APPROVED
Sohil
12/11/2018 6:12:24 PM

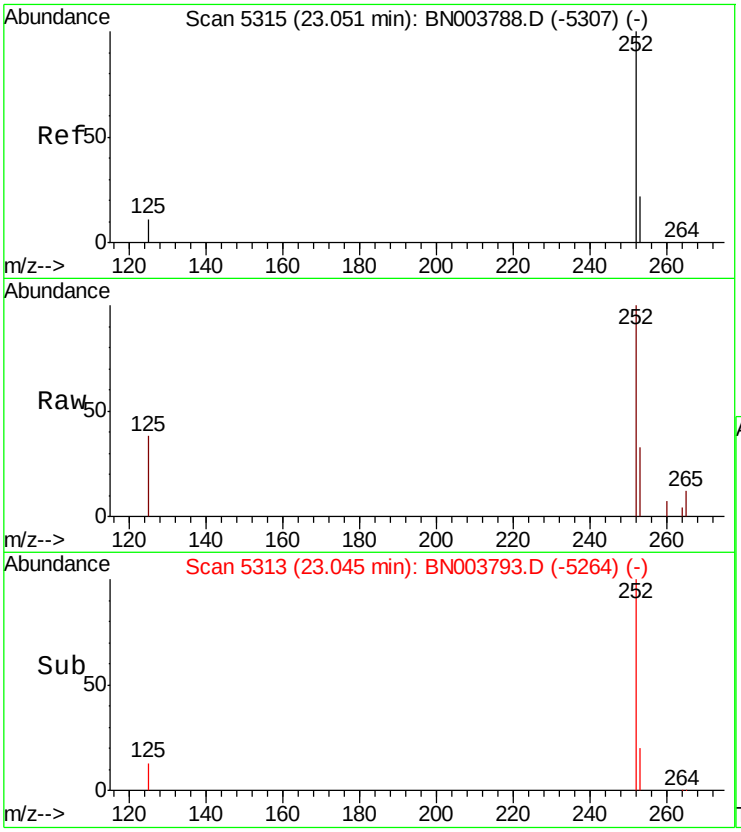


#21
Benzo(b)fluoranthene
Concen: 1.124 ng/ul m
RT: 23.00 min Scan# 5298
Delta R.T. -0.00 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

Tgt Ion:252 Resp: 77440

Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	46.0
125	22.4	0.0	22.4





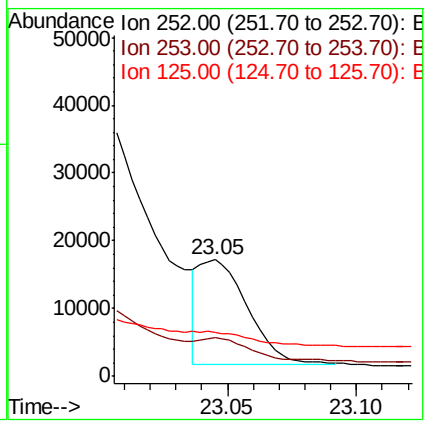
#22
Benzo(k)fluoranthene
Concen: 0.308 ng/ul m
RT: 23.05 min Scan# 5313
Delta R.T. -0.01 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

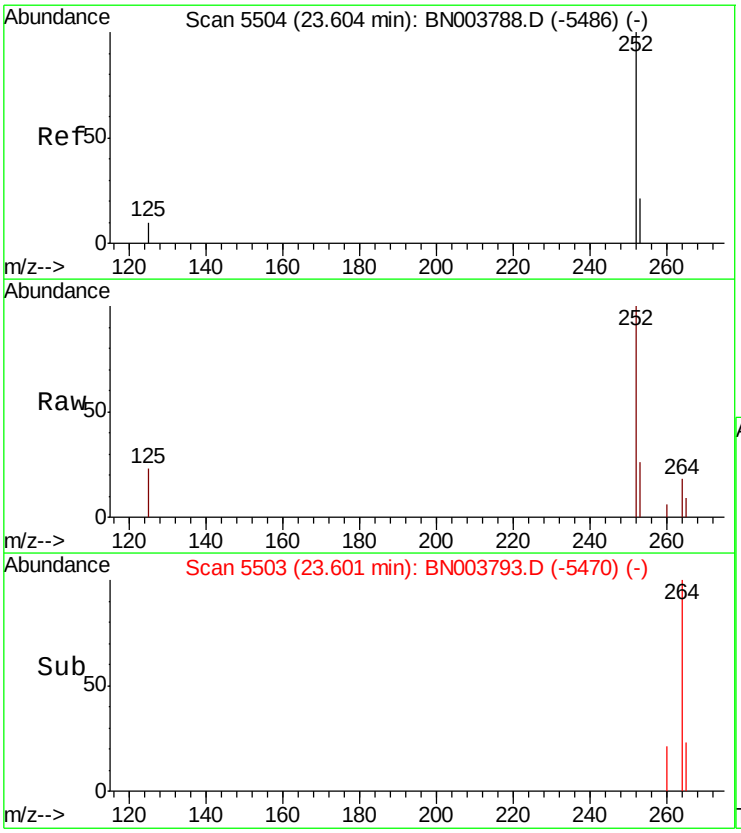
Tgt Ion:252 Resp: 20682

Ion	Ratio	Lower	Upper
252	100		
253	32.9	18.5	27.7#
125	38.0	9.0	13.6#

Instrument :
BNA_N
ClientSampleId :
F9Y30

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:24 PM

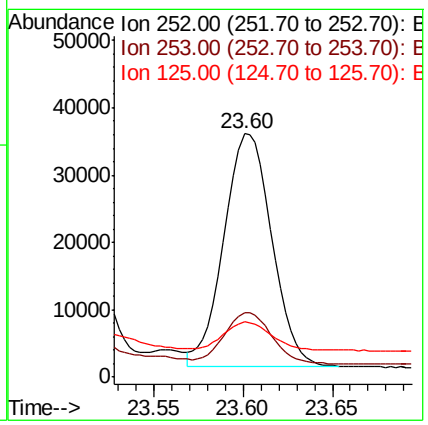


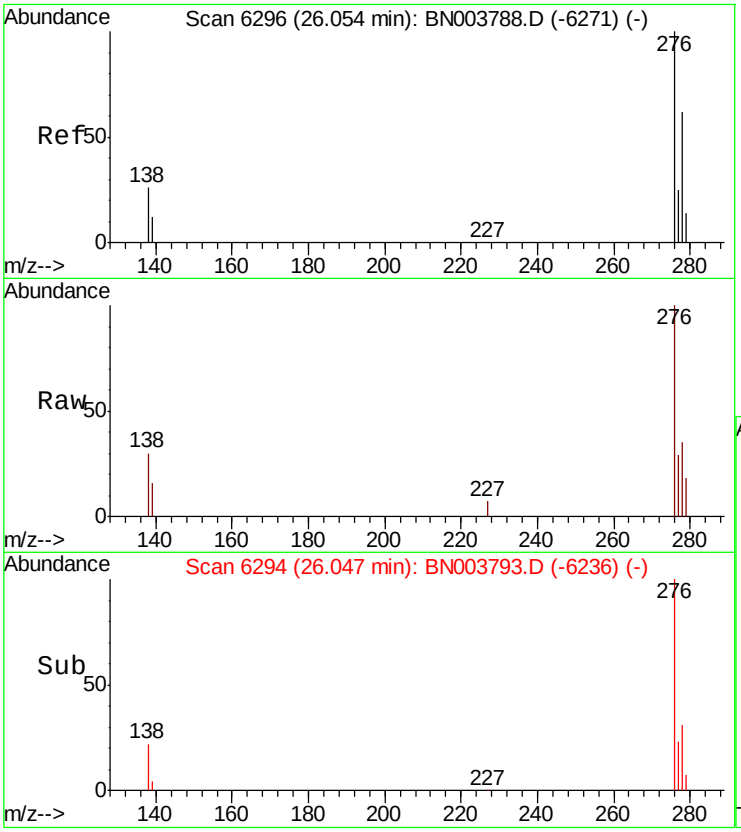


#23
Benzo(a)pyrene
Concen: 1.078 ng/ul m
RT: 23.60 min Scan# 5503
Delta R.T. -0.00 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

Tgt Ion:252 Resp: 64316

Ion	Ratio	Lower	Upper
252	100		
253	26.3	19.0	28.4
125	22.6	10.2	15.4#





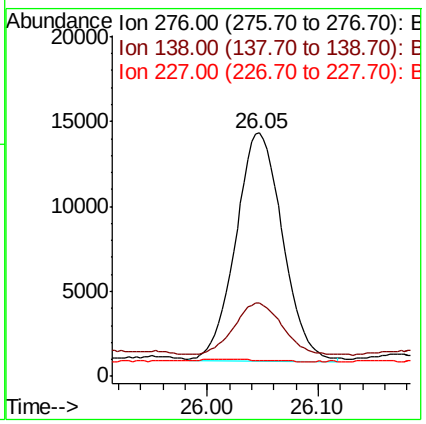
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.574 ng/ul m
RT: 26.05 min Scan# 6294
Delta R.T. -0.01 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

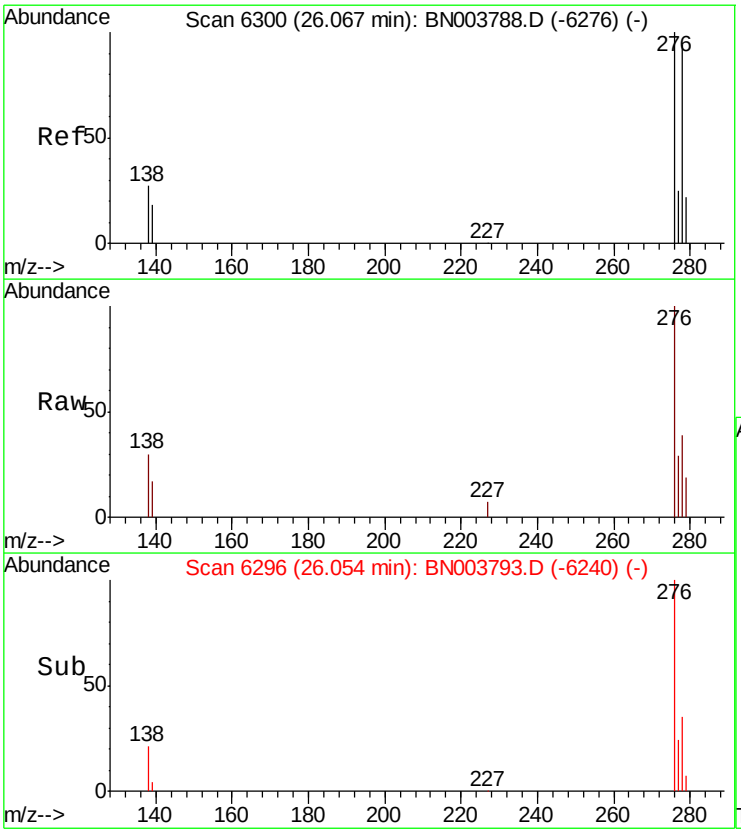
Tgt Ion:276 Resp: 39291

Ion	Ratio	Lower	Upper
276	100		
138	2.0	20.3	30.5#
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
F9Y30

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:24 PM

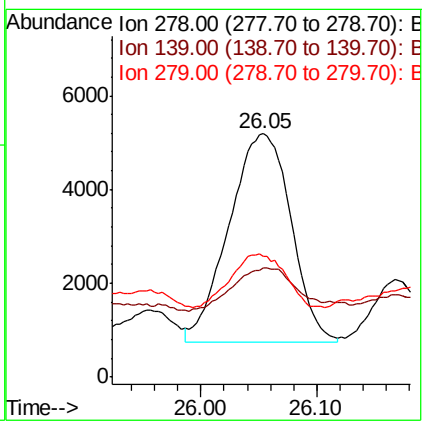


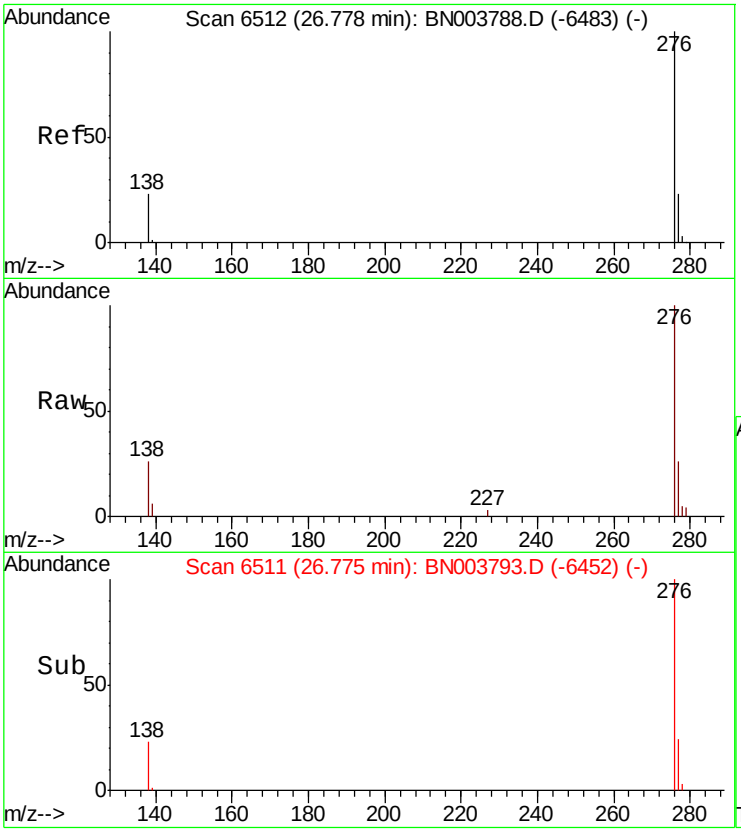


#25
Dibenzo(a,h)anthracene
Concen: 0.300 ng/ul m
RT: 26.05 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

Tgt Ion:278 Resp: 16549

Ion	Ratio	Lower	Upper
278	100		
139	44.9	14.2	21.4#
279	49.8	19.8	29.6#

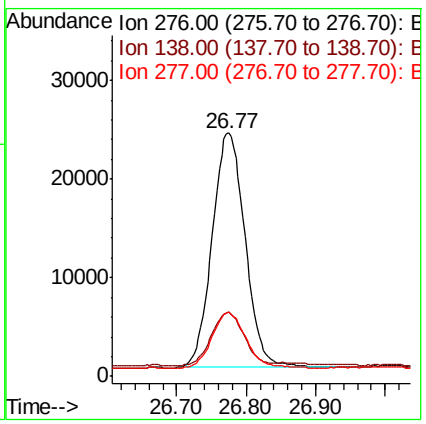




#26
Benzo(g,h,i)perylene
Concen: 1.304 ng/ul
RT: 26.77 min Scan# 6511
Delta R.T. -0.00 min
Lab File: BN003793.D
Acq: 11 Dec 2018 00:09

Tgt Ion:276 Resp: 77530

Ion	Ratio	Lower	Upper
276	100		
138	26.2	17.7	26.5
277	26.3	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
F9Y30

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:24 PM