Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003120.D
Acq On : 12 Oct 2018 01:18
Operator : MJ/SJ
Sample : J5230-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z10

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:30 PM

Quant Time: Oct 12 07:25:08 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 : Fri Oct 12 05:29:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1770	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7303	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4140	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8383m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4954m	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	4920m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2613	0.23	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	5518m	0.23	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	26613	1.420	ng/ul	96
5) 2-Methylnaphthalene	12.07	142	15923	1.234	ng/ul	97
7) Acenaphthylene	13.98	152	41474	2.190	ng/ul	98
8) Acenaphthene	14.32	153	3554	0.247	ng/ul	98
9) Fluorene	15.32	166	4123	0.250	ng/ul#	93
12) Phenanthrene	17.05	178	117189m	5.015	ng/ul	
13) Anthracene	17.15	178	39420m	1.786	ng/ul	
15) Fluoranthene	19.08	202	321553m	11.729	ng/ul	
17) Pyrene	19.45	202	263883	13.715	ng/ul	95
18) Benzo(a)anthracene	21.20	228	112239m	7.040	ng/ul	
19) Chrysene	21.26	228	143335	8.854	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	215075m	12.138	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	69097m	3.762	ng/ul	
23) Benzo(a)pyrene	23.33	252	106424	6.702	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.64	276	100441	5.504	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.63	278	28424	1.946	ng/ul	96
26) Benzo(g,h,i)perylene	26.31	276	86789	5.640	ng/ul	93

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

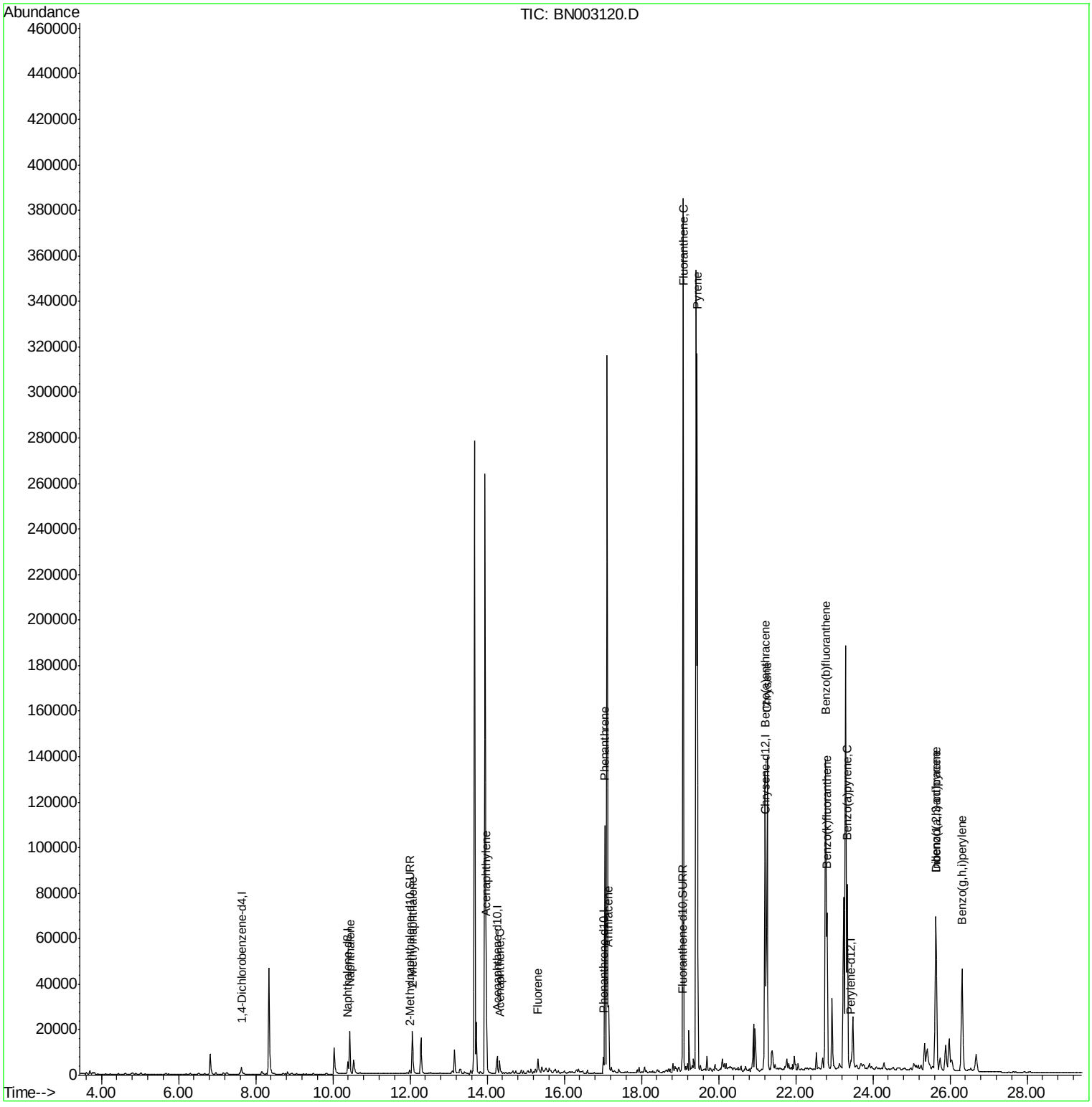
Quantitation Report (QT Reviewed)

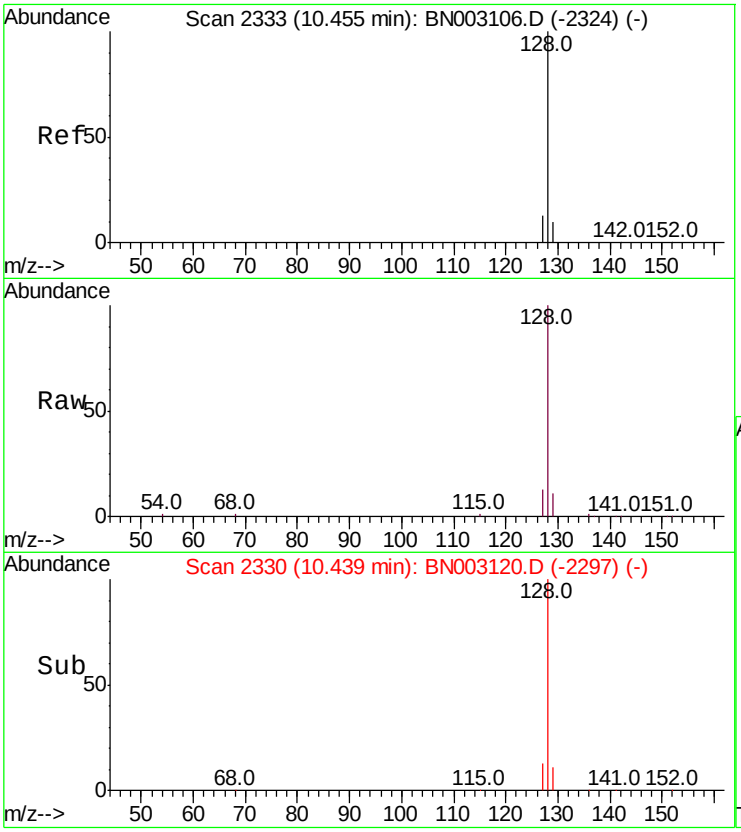
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003120.D
Acq On : 12 Oct 2018 01:18
Operator : MJ/SJ
Sample : J5230-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 12 07:25:08 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 : Fri Oct 12 05:29:36 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3Z10

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:30 PM

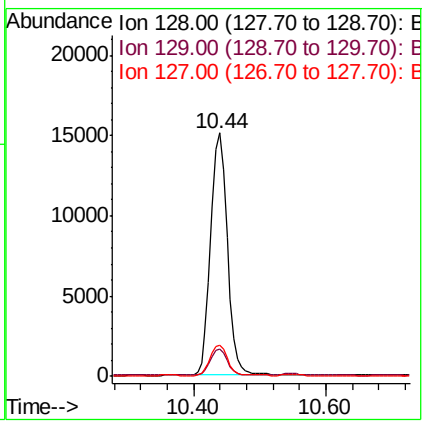




#3
Naphthalene
Concen: 1.420 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

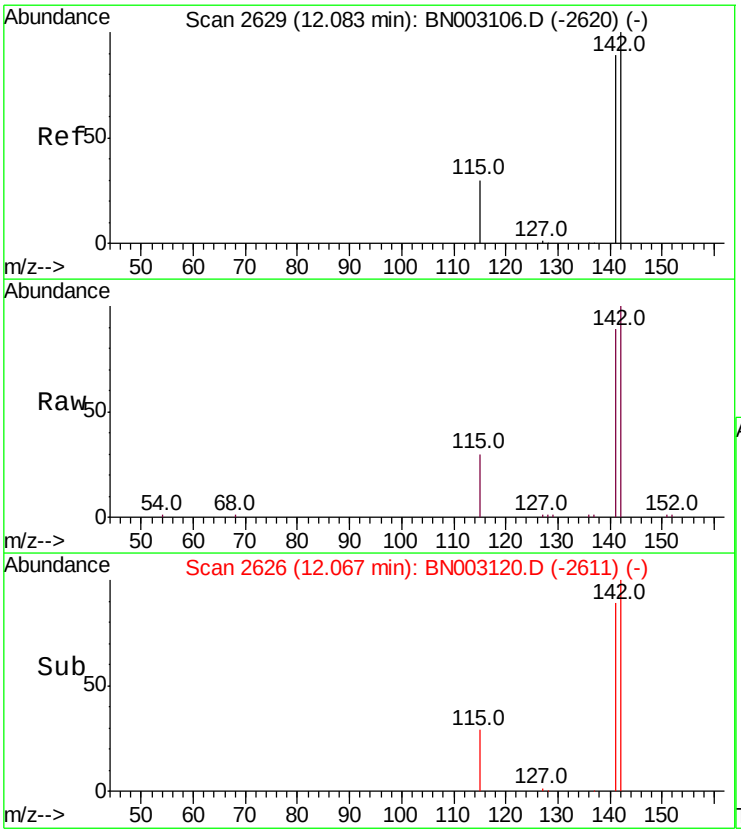
Tgt Ion:128 Resp: 26613

Ion	Ratio	Lower	Upper
128	100		
129	11.3	10.4	15.6
127	13.0	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
A3Z10

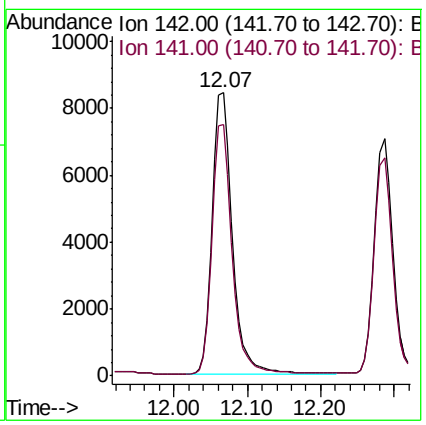
Manual Integrations APPROVED
Sohil
10/12/2018 6:38:30 PM

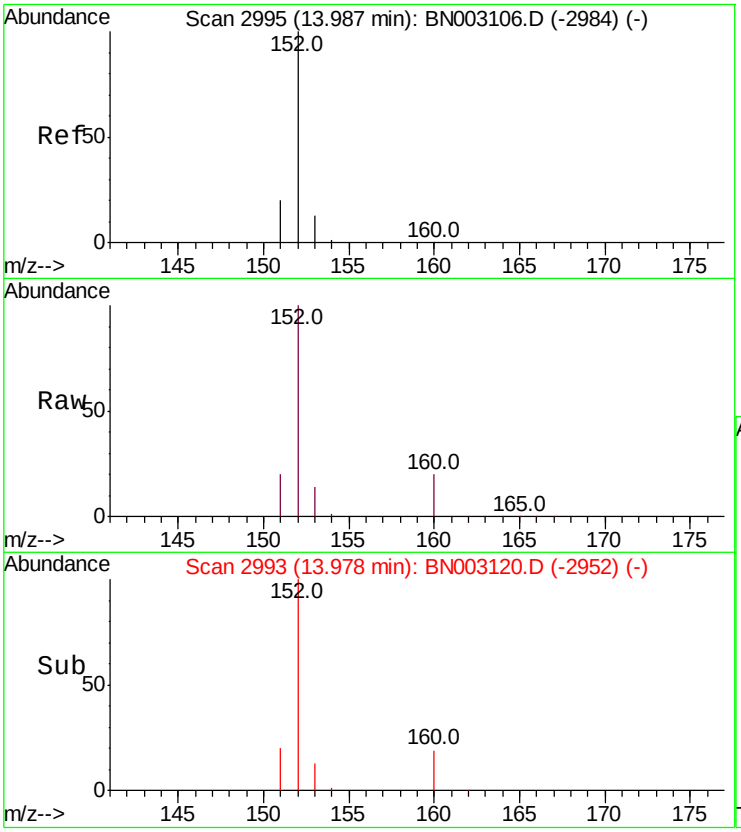


#5
2-Methylnaphthalene
Concen: 1.234 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

Tgt Ion:142 Resp: 15923

Ion	Ratio	Lower	Upper
142	100		
141	88.7	73.4	110.0

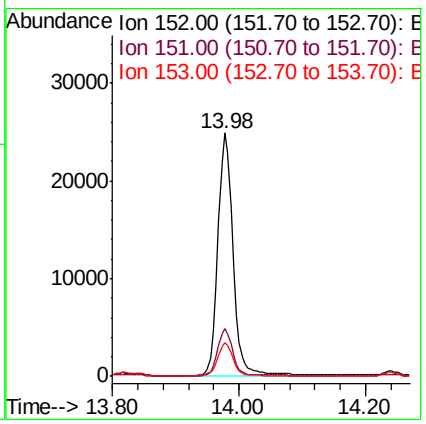




#7
Acenaphthylene
Concen: 2.190 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

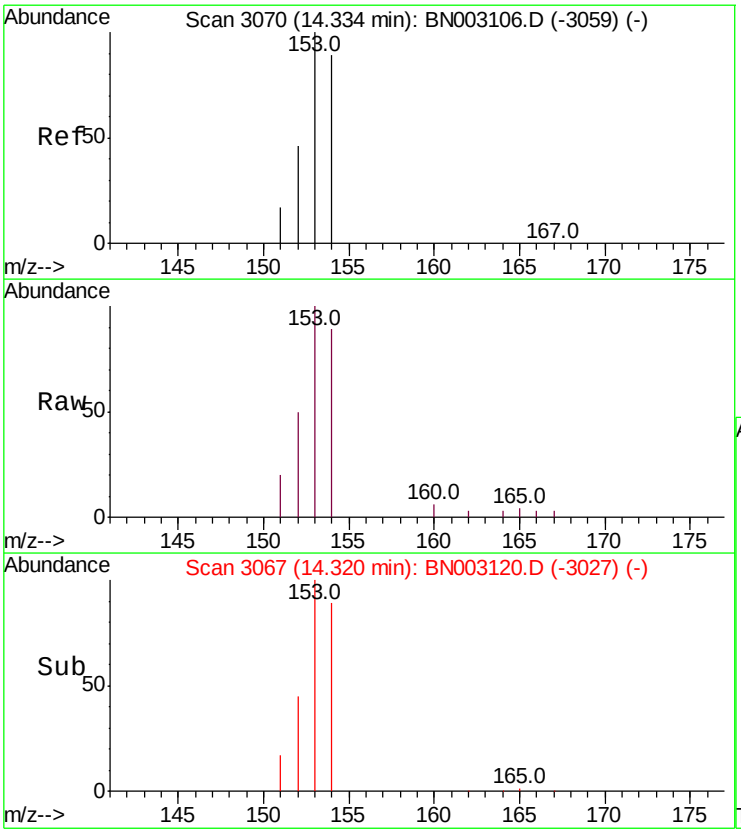
Tgt Ion:152 Resp: 41474

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.5	24.7
153	13.7	11.4	17.2



Instrument :
BNA_N
ClientSampleId :
A3Z10

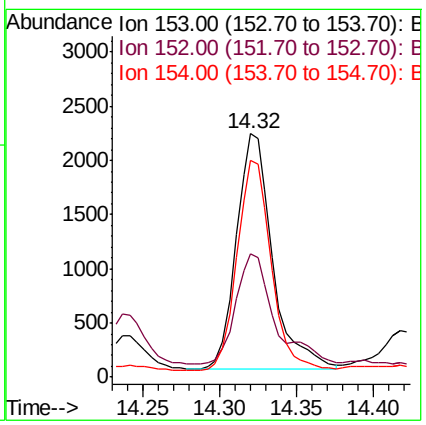
Manual Integrations APPROVED
Sohil
10/12/2018 6:38:30 PM

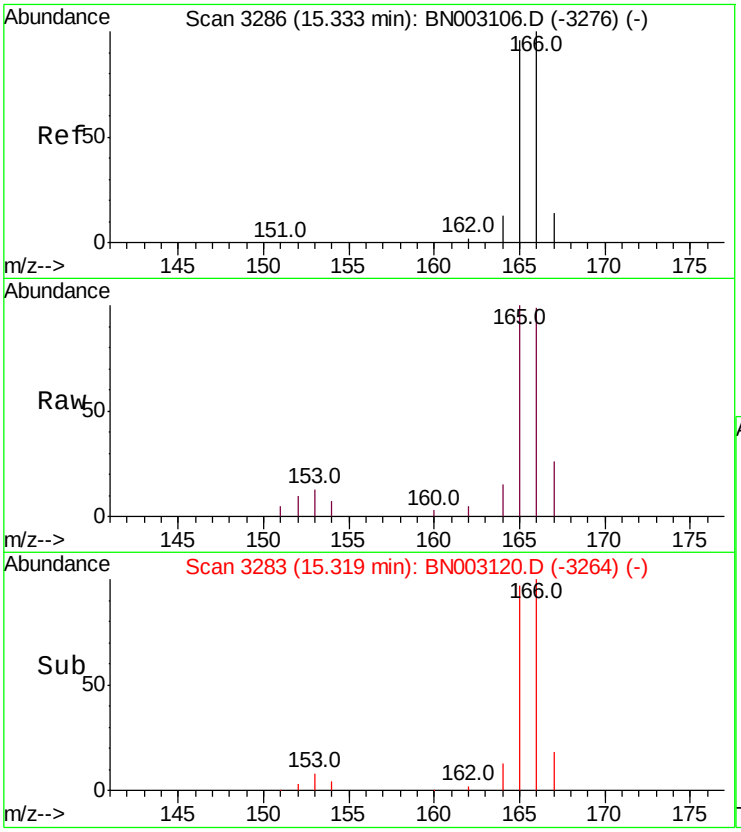


#8
Acenaphthene
Concen: 0.247 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

Tgt Ion:153 Resp: 3554

Ion	Ratio	Lower	Upper
153	100		
152	50.4	38.2	57.4
154	89.3	70.2	105.2

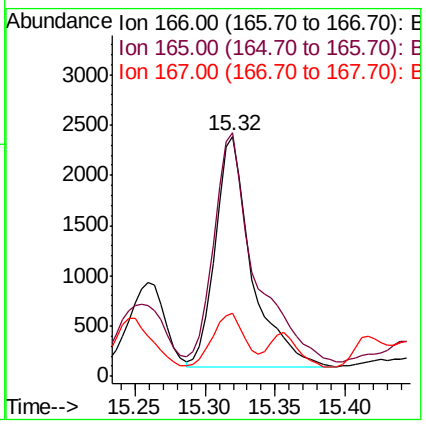




#9
Fluorene
Concen: 0.250 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. -0.01 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

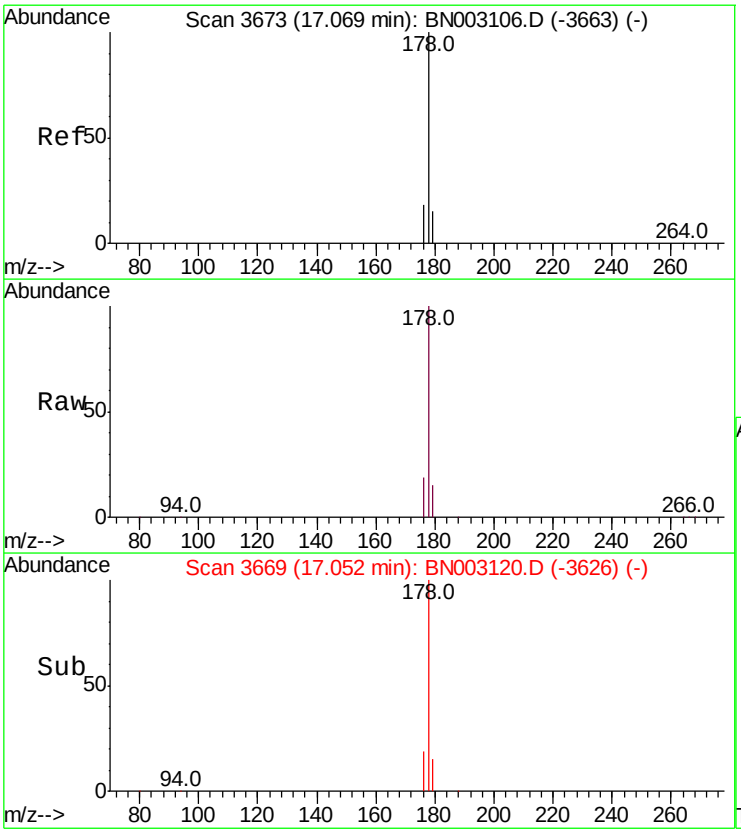
Tgt Ion:166 Resp: 4123

Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.5	117.7
167	26.2	11.6	17.4#



Instrument :
BNA_N
ClientSampleId :
A3Z10

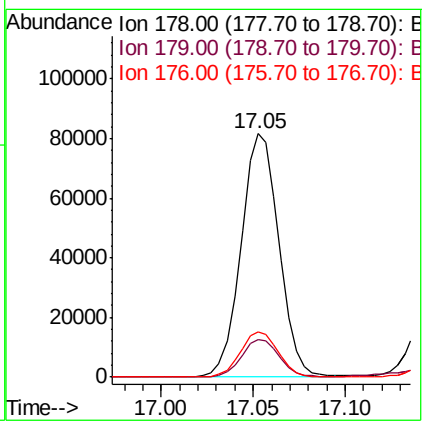
Manual Integrations APPROVED
Sohil
10/12/2018 6:38:30 PM

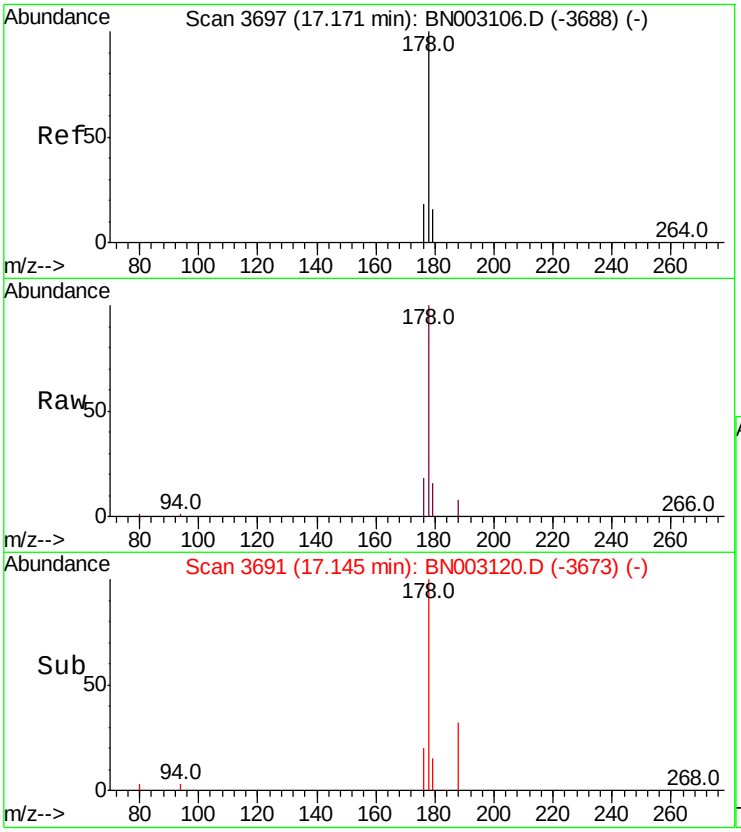


#12
Phenanthrene
Concen: 5.015 ng/ul m
RT: 17.05 min Scan# 3669
Delta R.T. -0.02 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

Tgt Ion:178 Resp: 117189

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.9	19.3
176	18.8	15.4	23.2

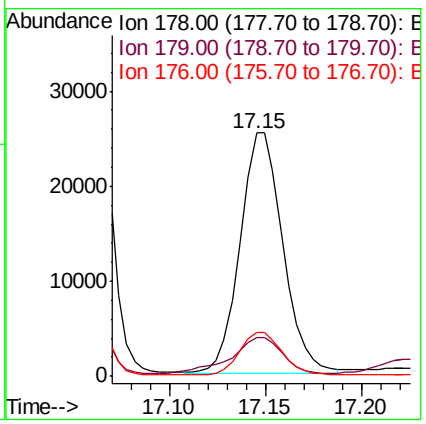




#13
Anthracene
Concen: 1.786 ng/ul m
RT: 17.15 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

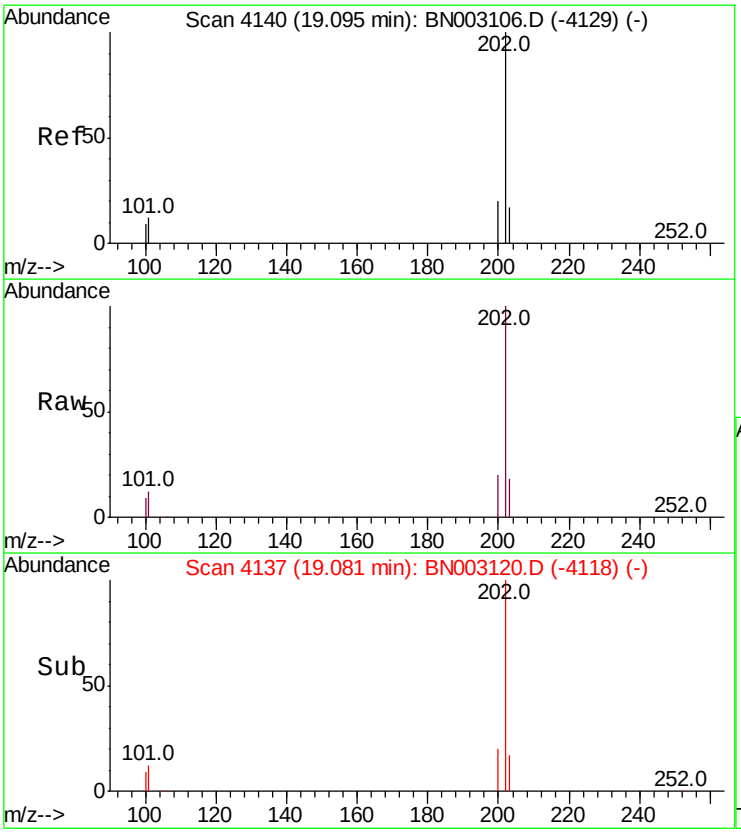
Tgt Ion:178 Resp: 39420

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.6
176	18.2	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A3Z10

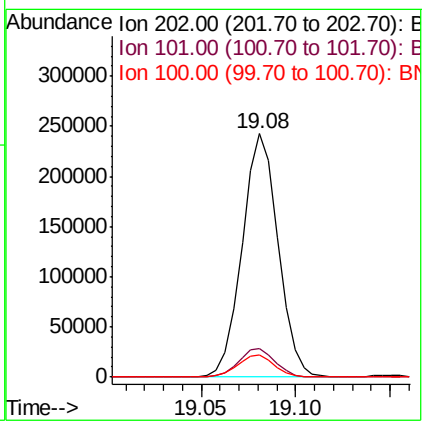
Manual Integrations APPROVED
Sohil
10/12/2018 6:38:30 PM

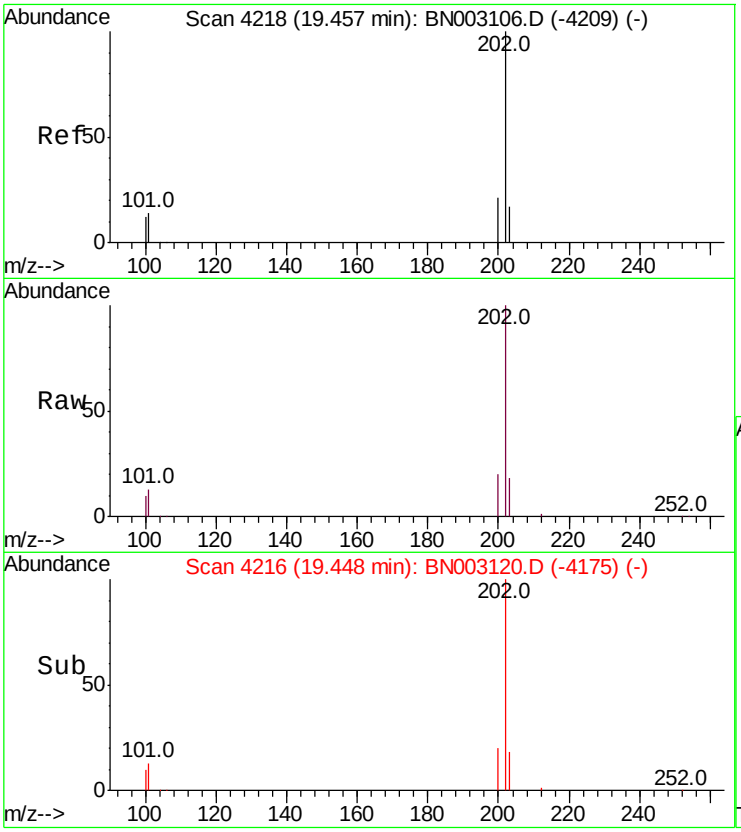


#15
Fluoranthene
Concen: 11.729 ng/ul m
RT: 19.08 min Scan# 4137
Delta R.T. -0.01 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

Tgt Ion:202 Resp: 321553

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.3
100	8.9	0.0	29.1

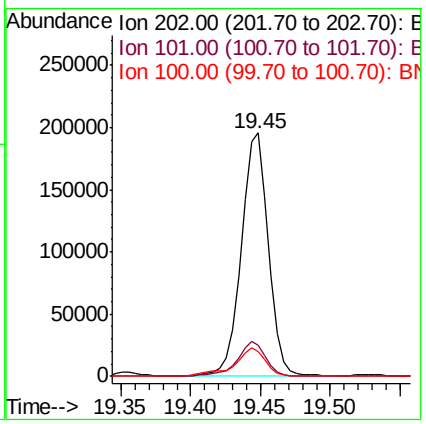




#17
Pyrene
Concen: 13.715 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

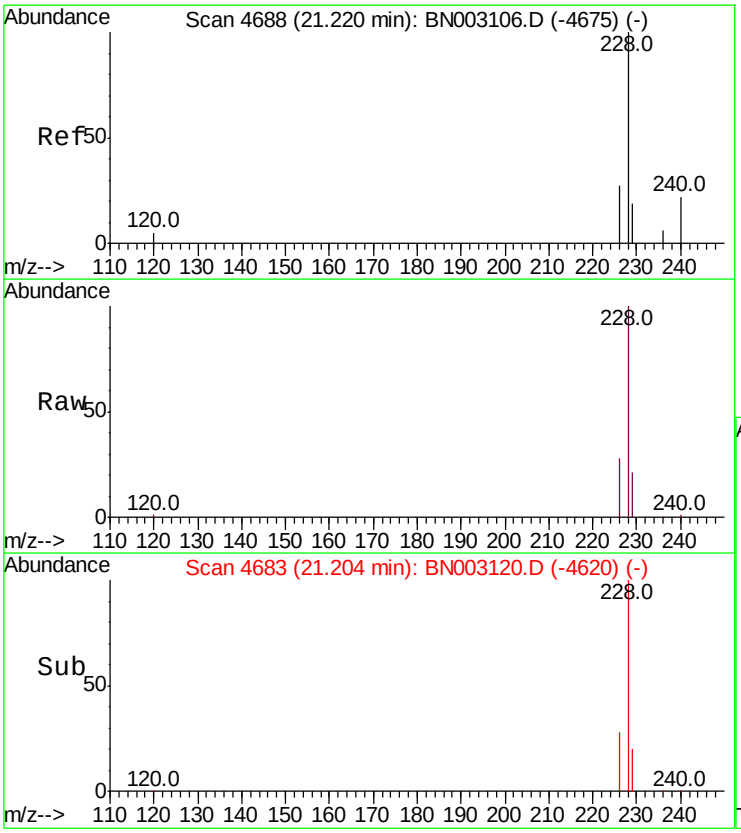
Tgt Ion:202 Resp: 263883

Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.9	17.9
100	10.2	9.9	14.9



Instrument :
BNA_N
ClientSampleId :
A3Z10

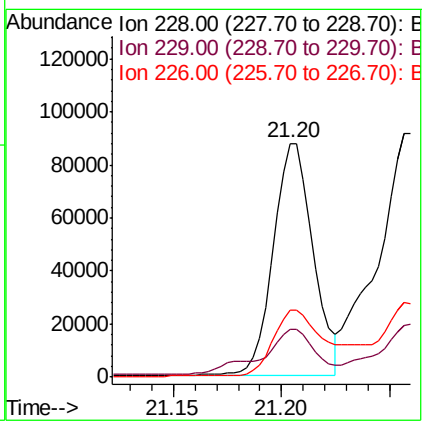
Manual Integrations APPROVED
Sohil
10/12/2018 6:38:30 PM

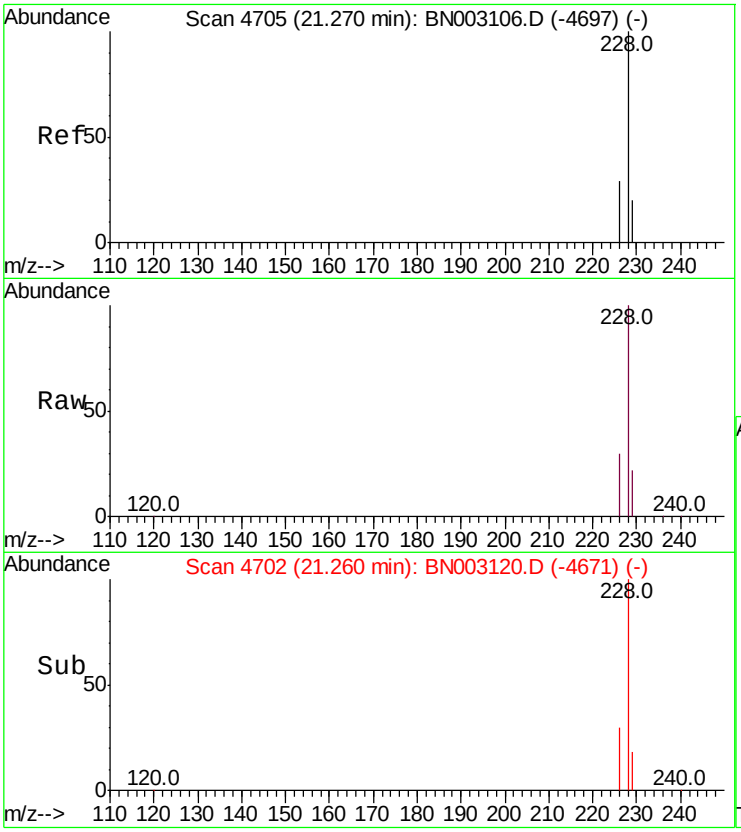


#18
Benzo(a)anthracene
Concen: 7.040 ng/ul m
RT: 21.20 min Scan# 4683
Delta R.T. -0.02 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

Tgt Ion:228 Resp: 112239

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.2	24.2
226	28.5	22.3	33.5

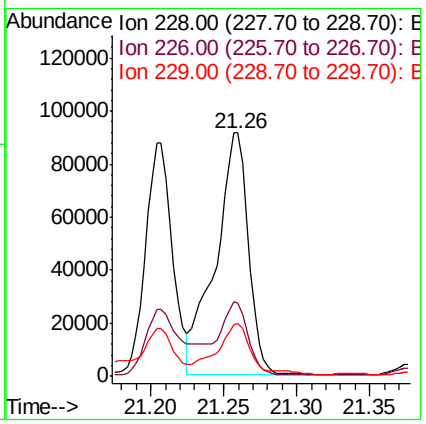




#19
Chrysene
Concen: 8.854 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

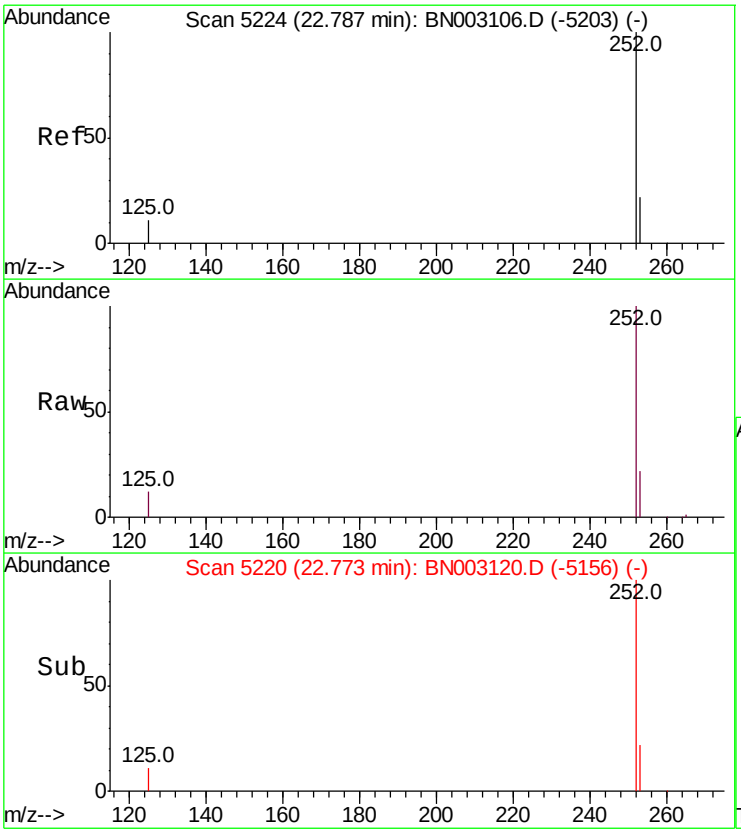
Tgt Ion:228 Resp: 143335

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	21.6	16.7	25.1



Instrument :
BNA_N
ClientSampleId :
A3Z10

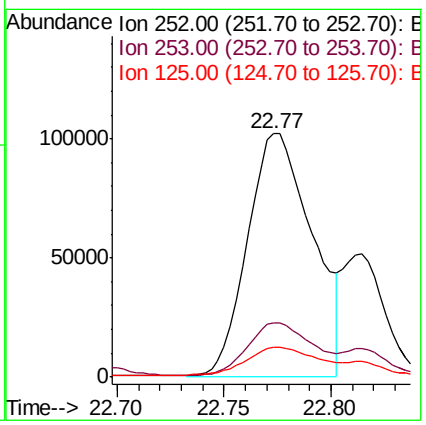
Manual Integrations APPROVED
Sohil
10/12/2018 6:38:30 PM

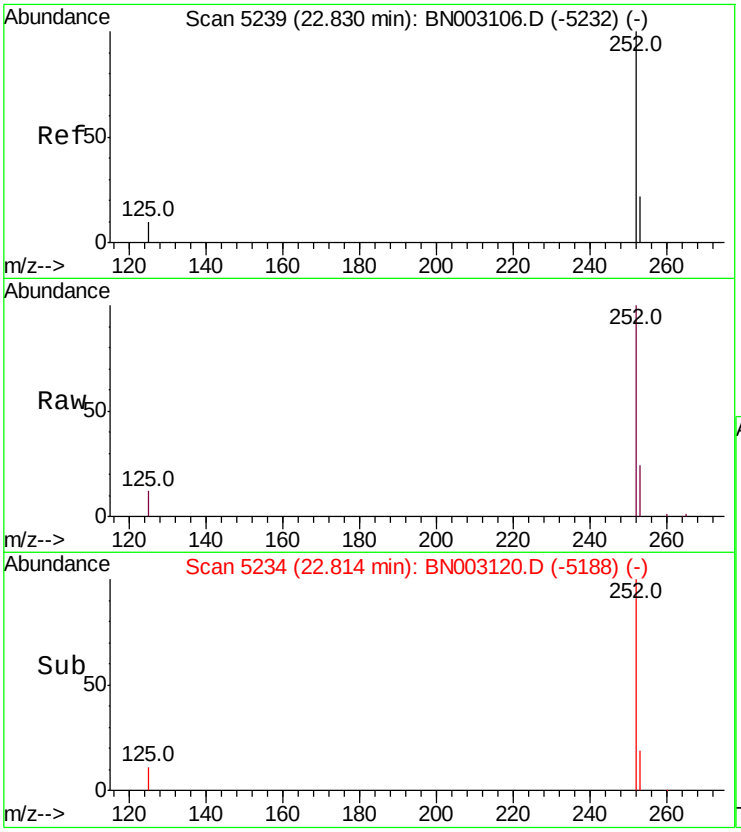


#21
Benzo(b)fluoranthene
Concen: 12.138 ng/ul m
RT: 22.77 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

Tgt Ion:252 Resp: 215075

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	53.2
125	12.1	0.0	34.2





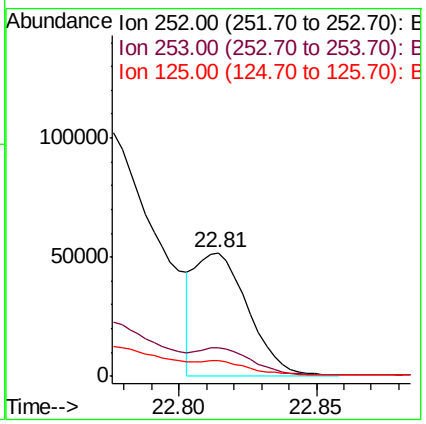
#22
Benzo(k)fluoranthene
Concen: 3.762 ng/ul m
RT: 22.81 min Scan# 5234
Delta R.T. -0.02 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

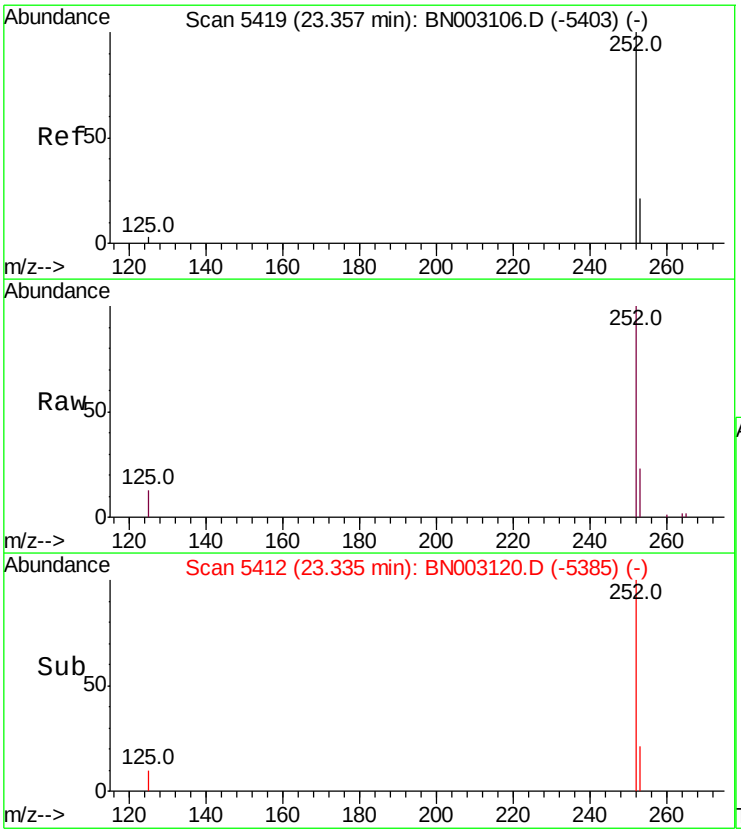
Tgt Ion:252 Resp: 69097

Ion	Ratio	Lower	Upper
252	100		
253	23.6	21.3	31.9
125	12.4	14.1	21.1#

Instrument :
BNA_N
ClientSampleId :
A3Z10

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:30 PM

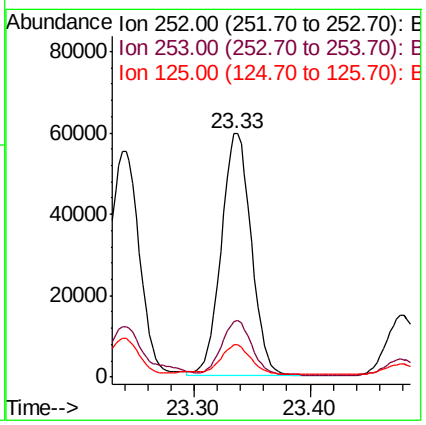


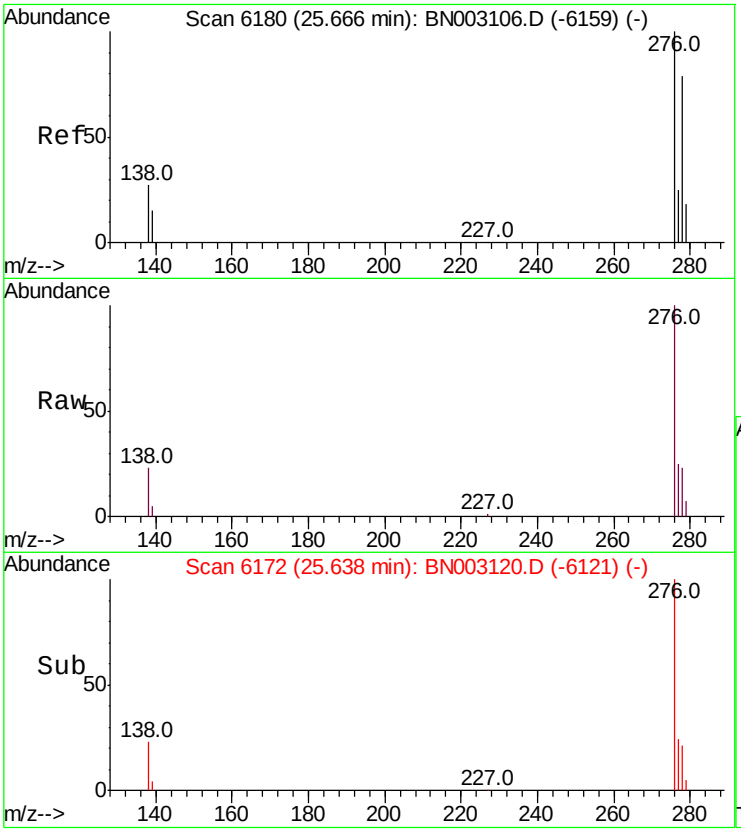


#23
Benzo(a)pyrene
Concen: 6.702 ng/ul
RT: 23.33 min Scan# 5412
Delta R.T. -0.02 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

Tgt Ion:252 Resp: 106424

Ion	Ratio	Lower	Upper
252	100		
253	23.0	23.1	34.7#
125	13.2	16.9	25.3#





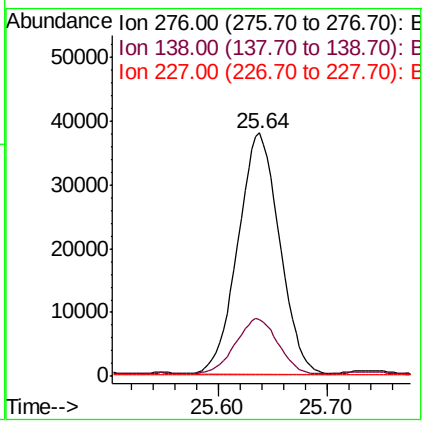
#24
Indeno(1,2,3-cd)pyrene
Concen: 5.504 ng/ul
RT: 25.64 min Scan# 6172
Delta R.T. -0.03 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

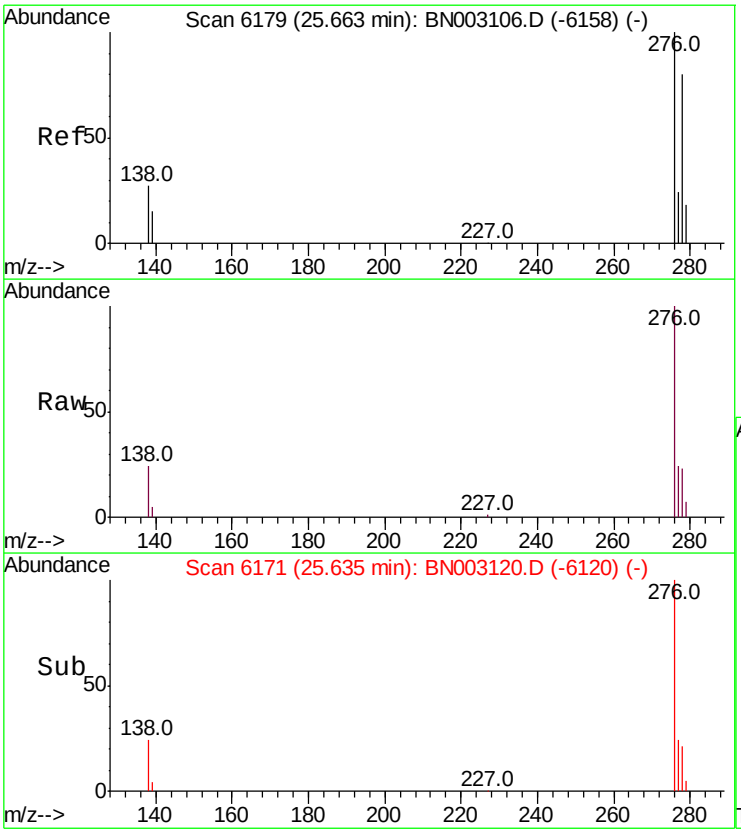
Tgt Ion:276 Resp: 100441

Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.5	32.3
227	0.2	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A3Z10

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:30 PM

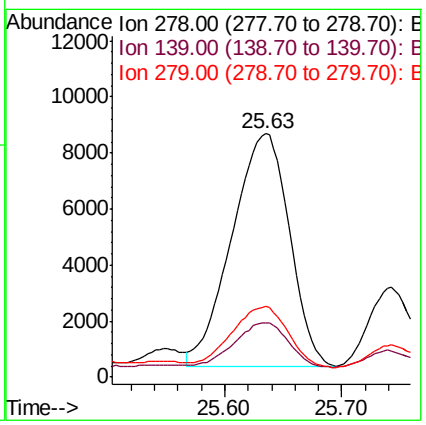


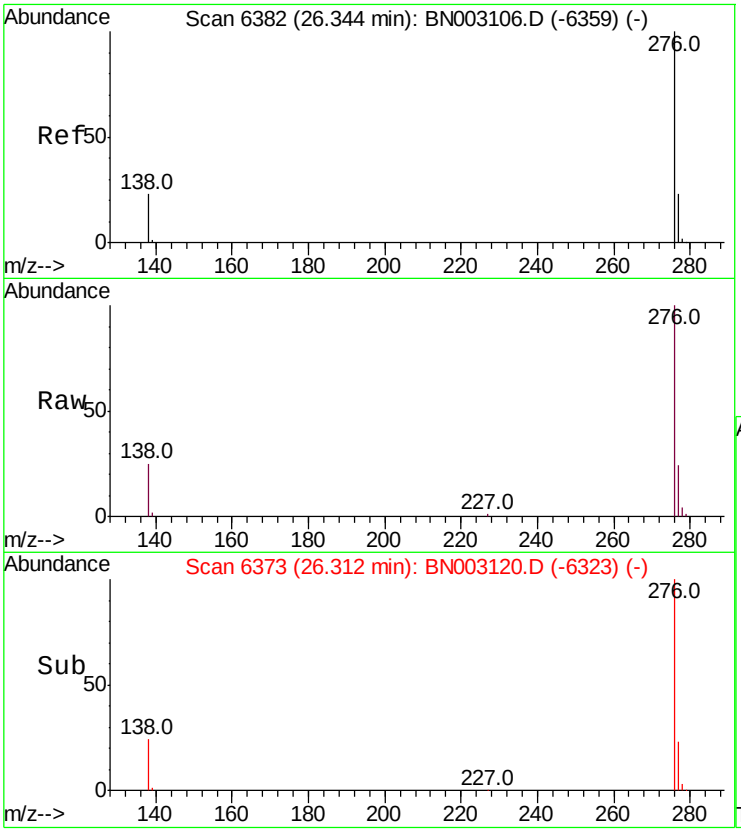


#25
Dibenzo(a,h)anthracene
Concen: 1.946 ng/ul
RT: 25.63 min Scan# 6171
Delta R.T. -0.03 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

Tgt Ion:278 Resp: 28424

Ion	Ratio	Lower	Upper
278	100		
139	22.5	20.2	30.4
279	28.8	23.8	35.8

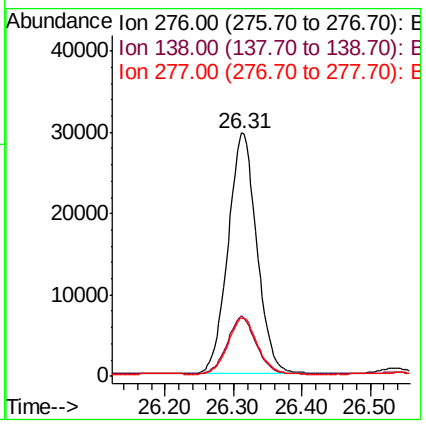




#26
Benzo(g,h,i)perylene
Concen: 5.640 ng/ul
RT: 26.31 min Scan# 6373
Delta R.T. -0.03 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

Tgt Ion:276 Resp: 86789

Ion	Ratio	Lower	Upper
276	100		
138	24.8	23.0	34.4
277	24.0	22.0	33.0



Instrument :
BNA_N
ClientSampleId :
A3Z10

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:30 PM