Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
Data File : BN004135.D
Acq On : 20 Dec 2018 03:50
Operator : JU/SJ
Sample : J6299-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F25

Manual Integrations APPROVED
Sohil
12/20/2018 2:03:57 PM

Quant Time: Dec 20 07:39:44 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 : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1315	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6879	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4296	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	11336m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	12688m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	11371m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2459	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8416m	0.25	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.19	152	45560	2.355	ng/ul	100
8) Acenaphthene	14.53	153	507	0.030	ng/ul#	89
9) Fluorene	15.52	166	889	0.045	ng/ul#	94
12) Phenanthrene	17.25	178	10140m	0.273	ng/ul	
13) Anthracene	17.35	178	43421m	1.420	ng/ul	
15) Fluoranthene	19.27	202	190179m	4.329	ng/ul	
17) Pyrene	19.63	202	209311	4.600	ng/ul	95
18) Benzo(a)anthracene	21.38	228	151256m	3.774	ng/ul	
19) Chrysene	21.43	228	152266m	3.320	ng/ul	
21) Benzo(b)fluoranthene	23.01	252	290419m	6.174	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	90861m	1.983	ng/ul	
23) Benzo(a)pyrene	23.62	252	123523m	3.033	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.07	276	117506m	2.516	ng/ul	
25) Dibenzo(a,h)anthracene	26.07	278	27744m	0.738	ng/ul	
26) Benzo(g,h,i)perylene	26.80	276	84333m	2.077	ng/ul	

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

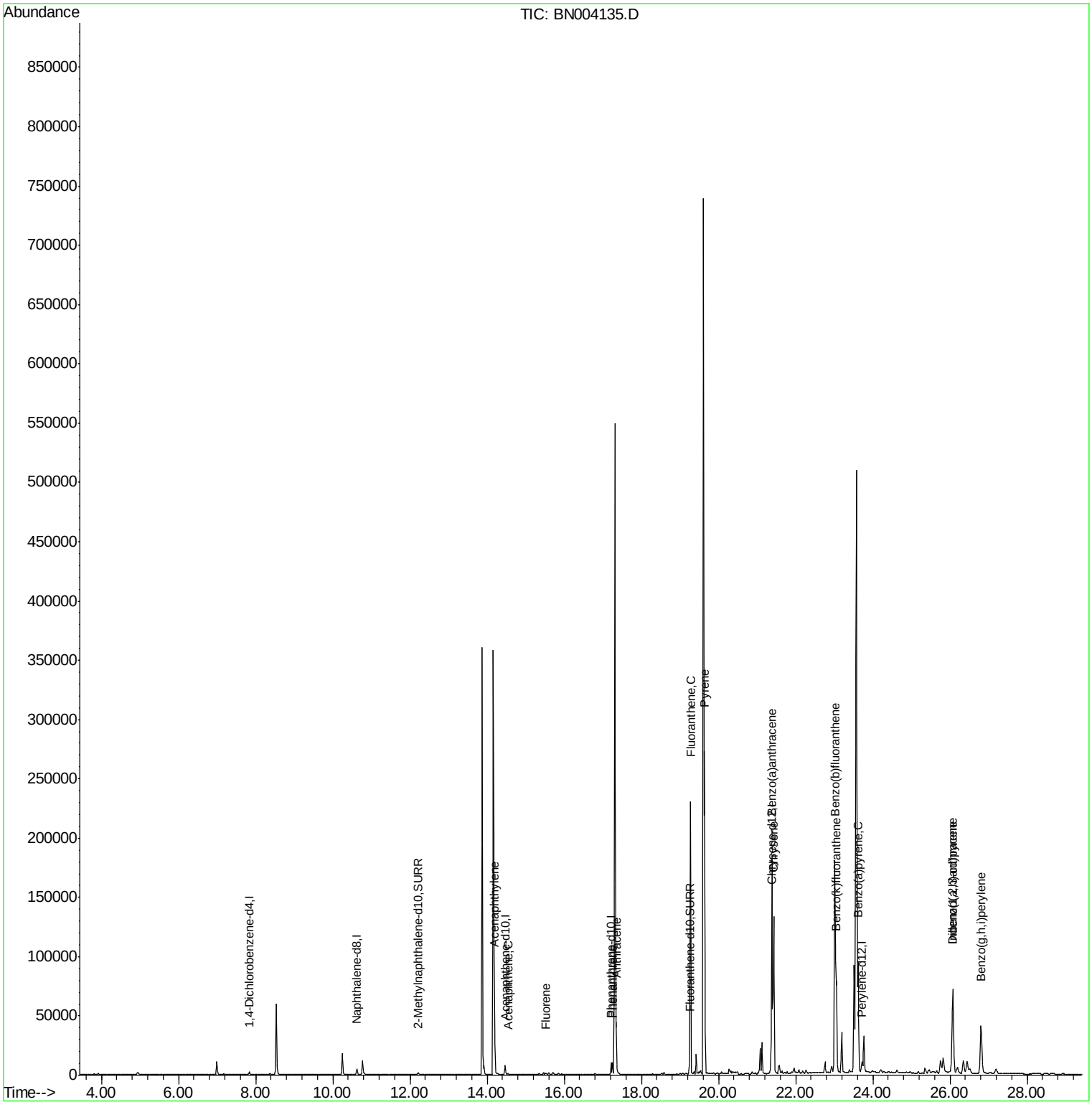
Quantitation Report (QT Reviewed)

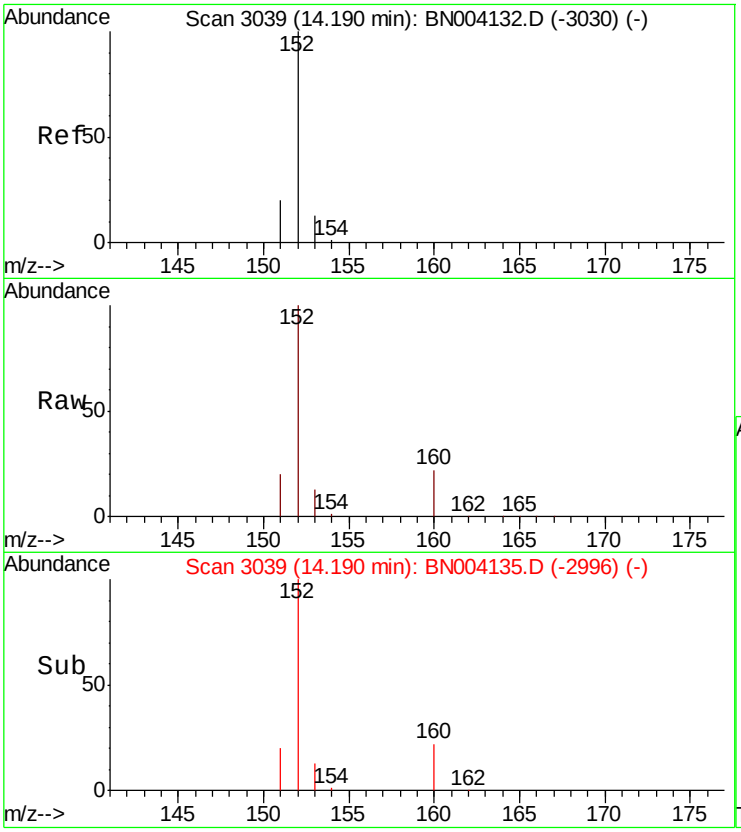
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
Data File : BN004135.D
Acq On : 20 Dec 2018 03:50
Operator : JU/SJ
Sample : J6299-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 20 07:39:44 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 : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9F25

Manual Integrations APPROVED
Sohil
12/20/2018 2:03:57 PM





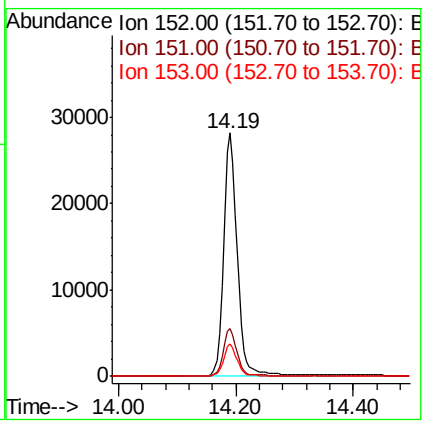
#7
Acenaphthylene
Concen: 2.355 ng/ul
RT: 14.19 min Scan# 3039
Delta R.T. 0.00 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

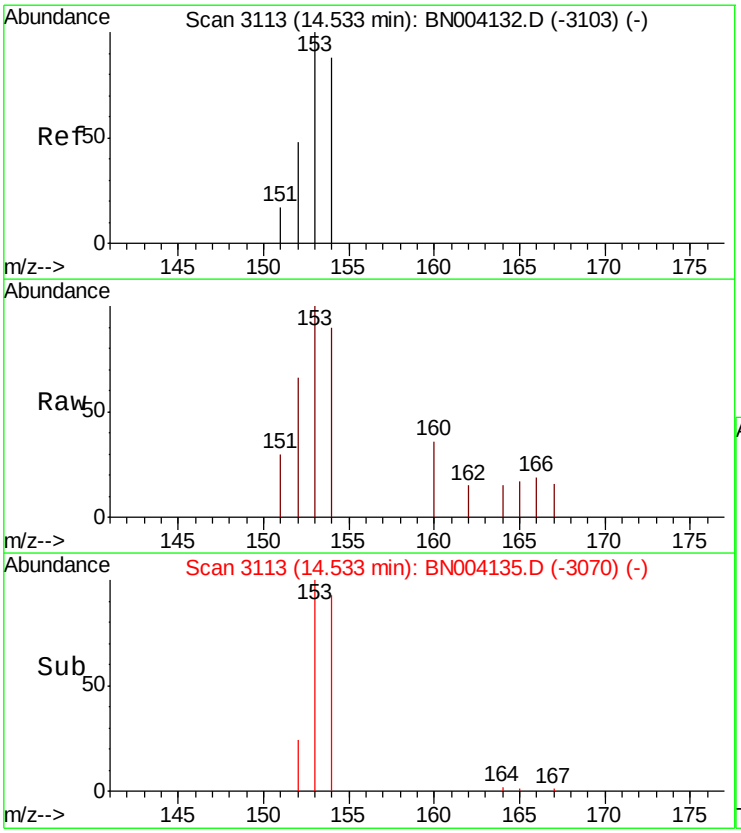
Tgt Ion:152 Resp: 45560

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.2	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
F9F25

Manual Integrations APPROVED
Sohil
12/20/2018 2:03:57 PM

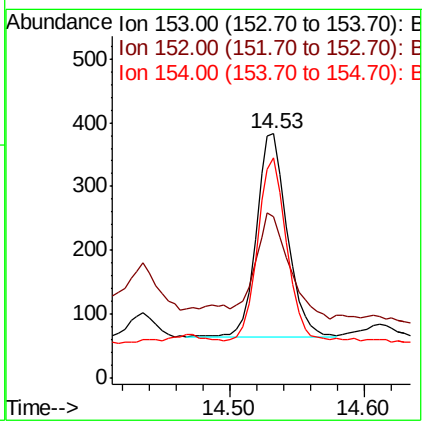


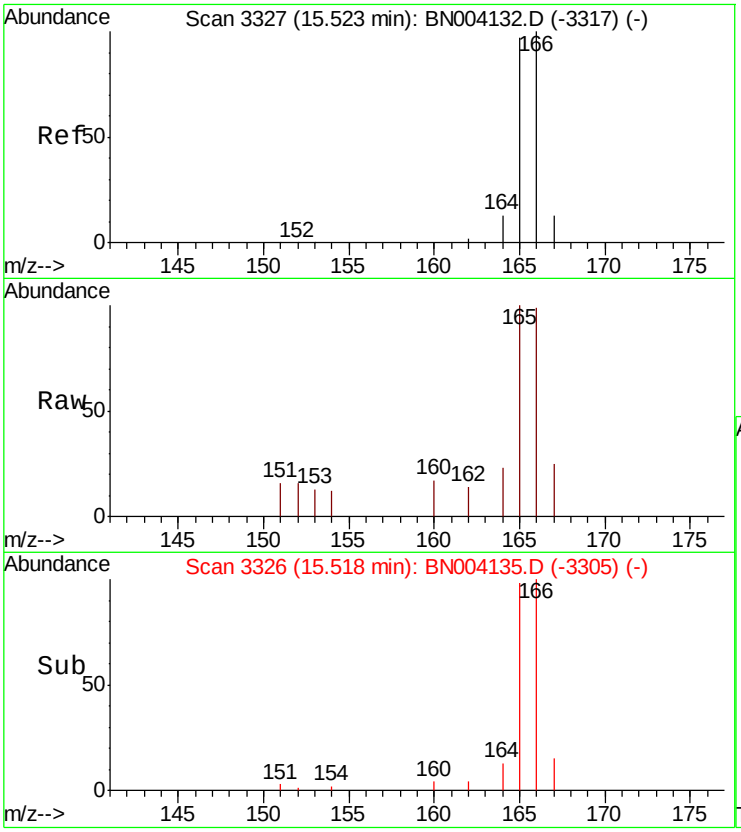


#8
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.53 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

Tgt Ion:153 Resp: 507

Ion	Ratio	Lower	Upper
153	100		
152	66.1	39.3	58.9#
154	90.3	70.3	105.5





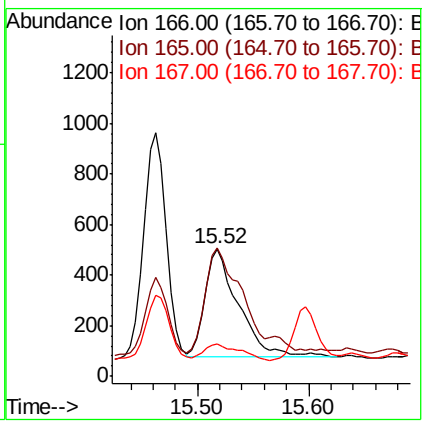
#9
Fluorene
Concen: 0.045 ng/ul
RT: 15.52 min Scan# 3326
Delta R.T. -0.00 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

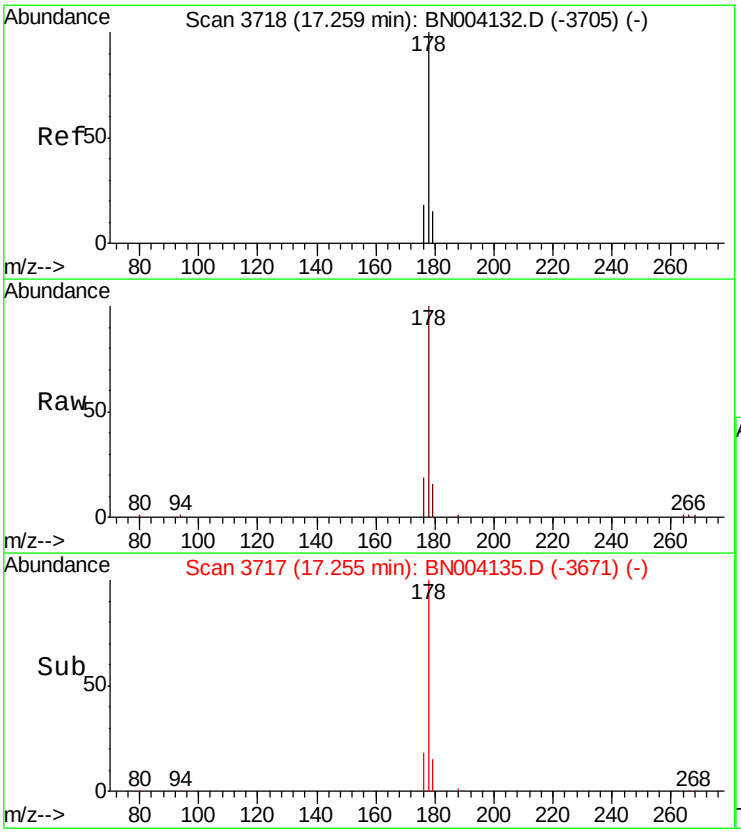
Tgt Ion:166 Resp: 889

Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.3	117.5
167	25.6	11.3	16.9#

Instrument :
BNA_N
ClientSampleId :
F9F25

Manual Integrations APPROVED
Sohil
12/20/2018 2:03:57 PM

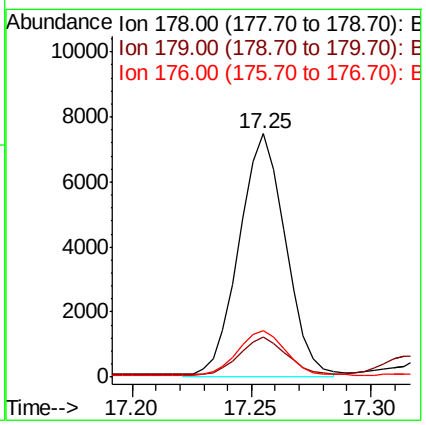


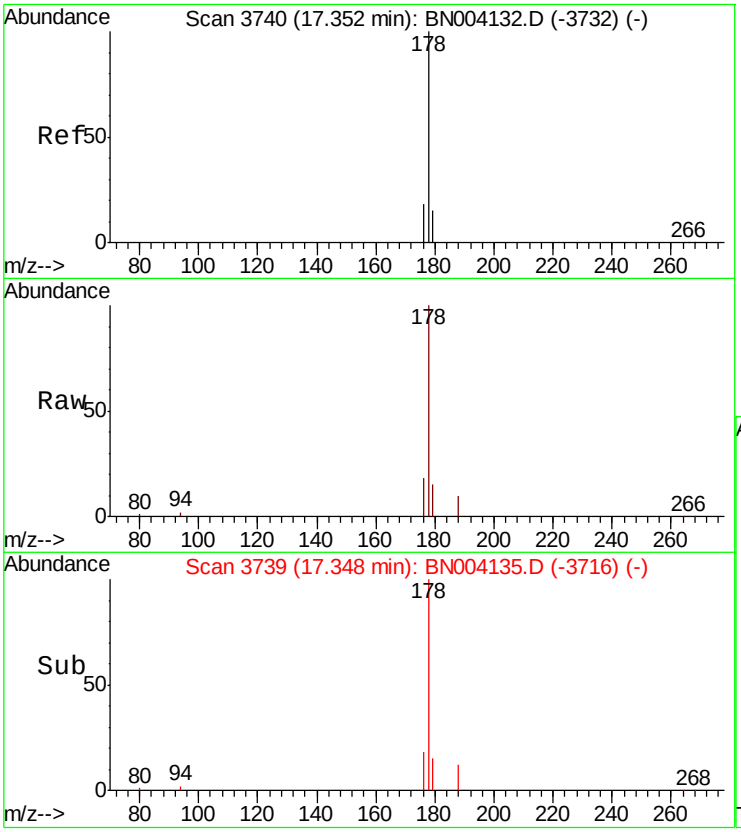


#12
Phenanthrene
Concen: 0.273 ng/ul m
RT: 17.25 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

Tgt Ion:178 Resp: 10140

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	19.1	15.0	22.4

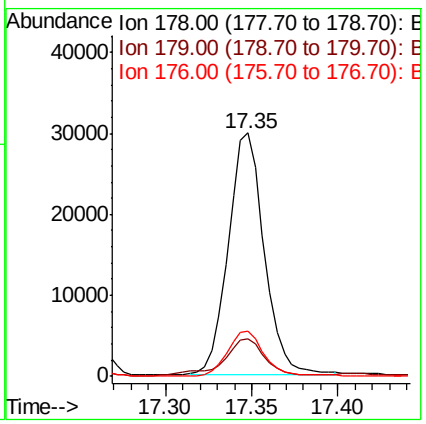




#13
Anthracene
Concen: 1.420 ng/ul m
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

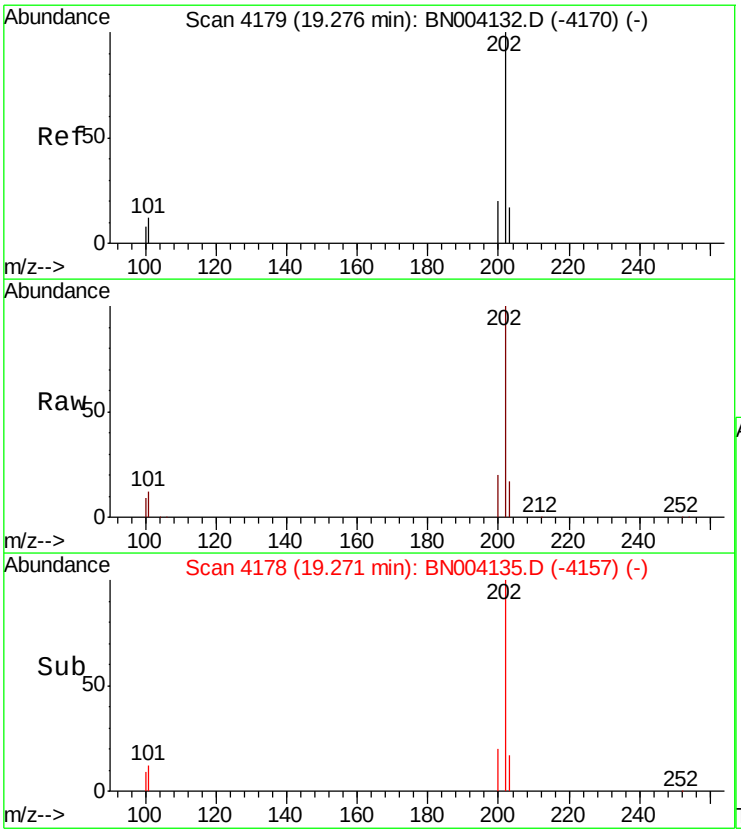
Tgt Ion:178 Resp: 43421

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.4	14.8	22.2



Instrument :
BNA_N
ClientSampleId :
F9F25

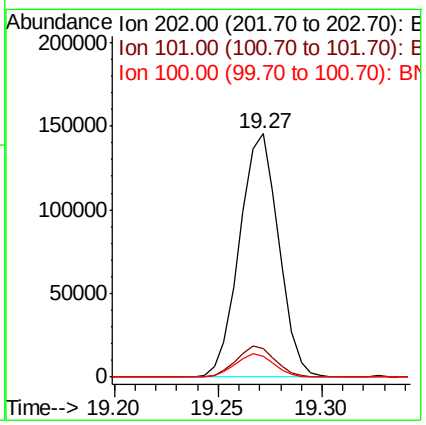
Manual Integrations APPROVED
Sohil
12/20/2018 2:03:57 PM

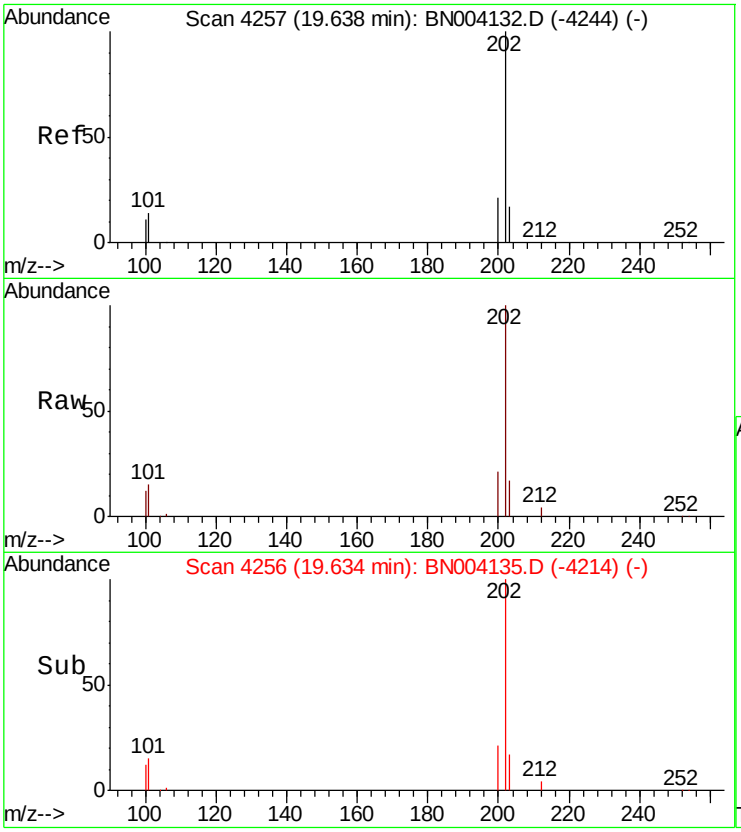


#15
Fluoranthene
Concen: 4.329 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

Tgt Ion:202 Resp: 190179

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.7
100	8.8	0.0	28.1

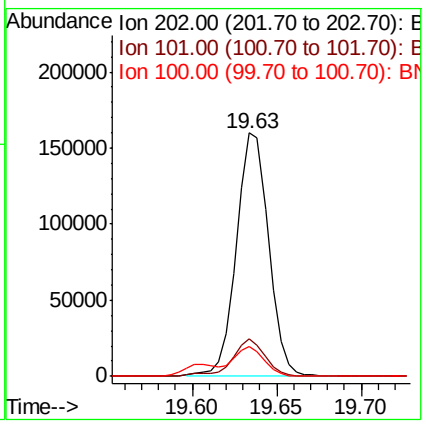




#17
Pyrene
Concen: 4.600 ng/ul
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

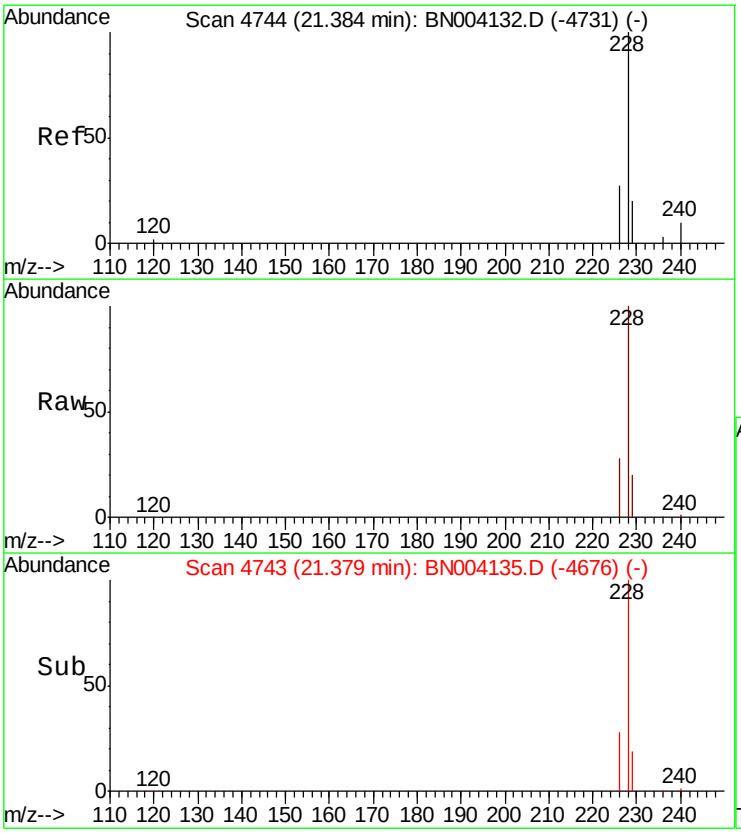
Tgt Ion:202 Resp: 209311

Ion	Ratio	Lower	Upper
202	100		
101	15.2	10.3	15.5
100	12.4	8.5	12.7



Instrument :
BNA_N
ClientSampleId :
F9F25

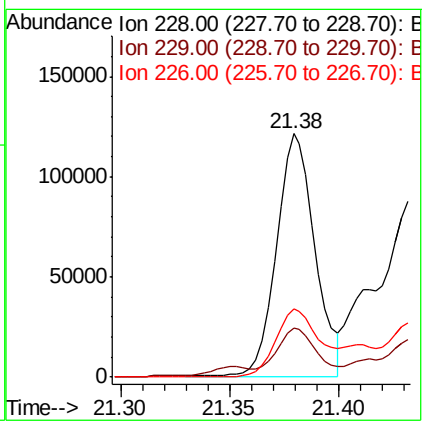
Manual Integrations APPROVED
Sohil
12/20/2018 2:03:57 PM

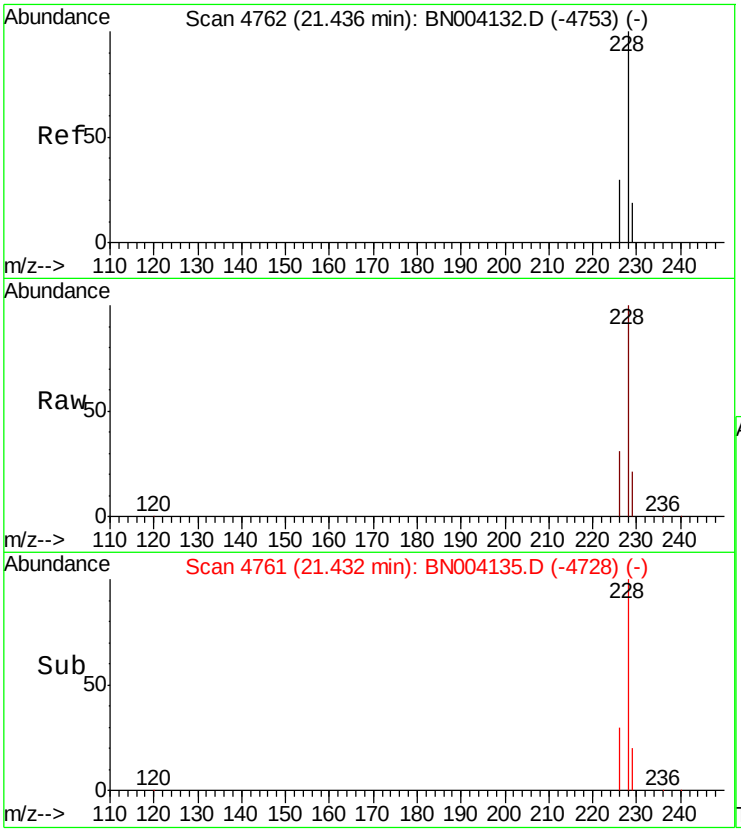


#18
Benzo(a)anthracene
Concen: 3.774 ng/ul m
RT: 21.38 min Scan# 4743
Delta R.T. -0.00 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

Tgt Ion:228 Resp: 151256

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.6	23.4
226	28.1	21.1	31.7

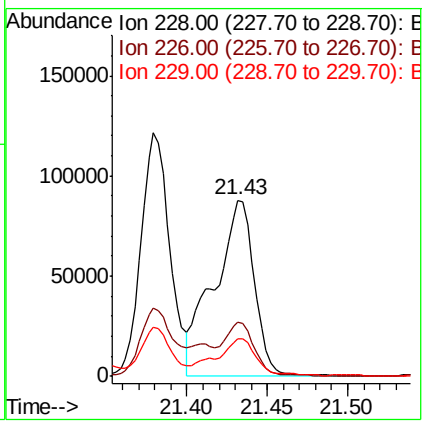




#19
Chrysene
Concen: 3.320 ng/ul m
RT: 21.43 min Scan# 4761
Delta R.T. -0.00 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

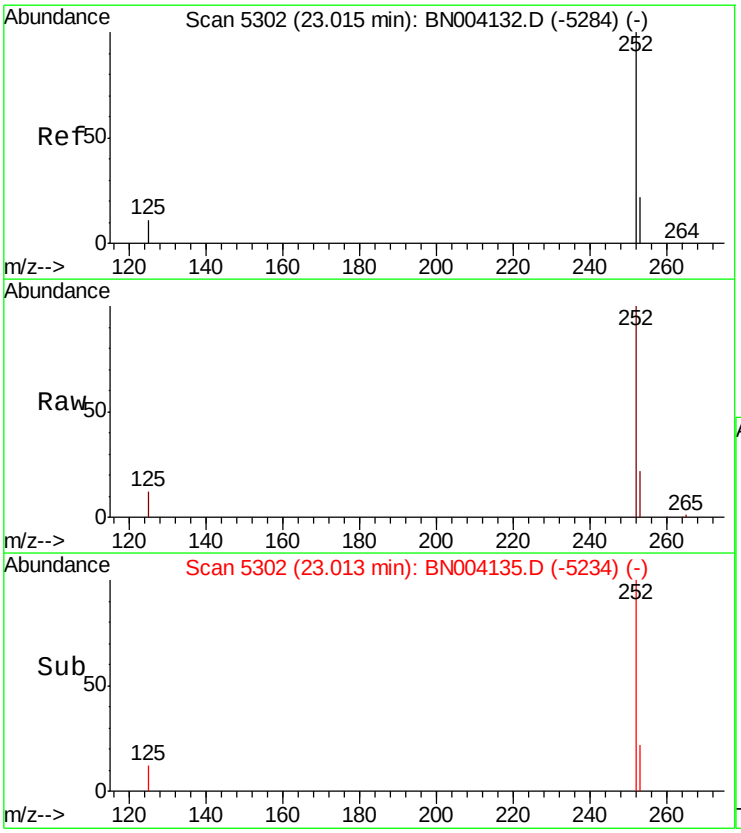
Tgt Ion:228 Resp: 152266

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	21.3	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
F9F25

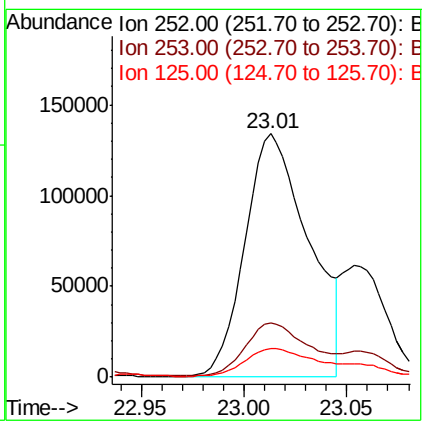
Manual Integrations APPROVED
Sohil
12/20/2018 2:03:57 PM

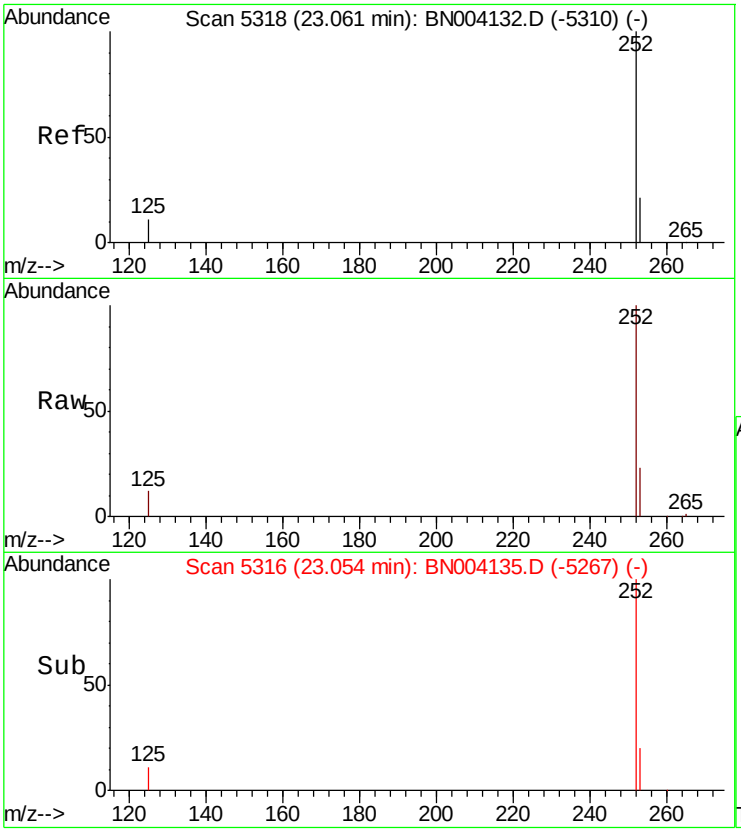


#21
Benzo(b)fluoranthene
Concen: 6.174 ng/ul m
RT: 23.01 min Scan# 5302
Delta R.T. -0.00 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

Tgt Ion:252 Resp: 290419

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	46.0
125	11.8	0.0	22.4

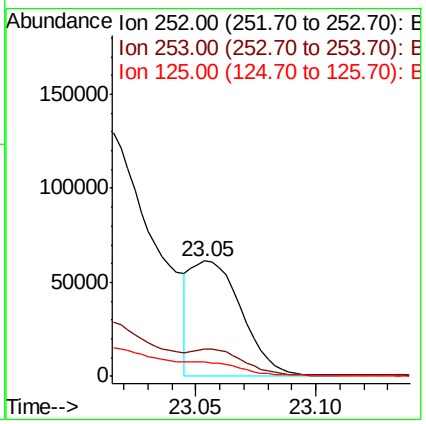




#22
Benzo(k)fluoranthene
Concen: 1.983 ng/ul m
RT: 23.05 min Scan# 5316
Delta R.T. -0.01 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

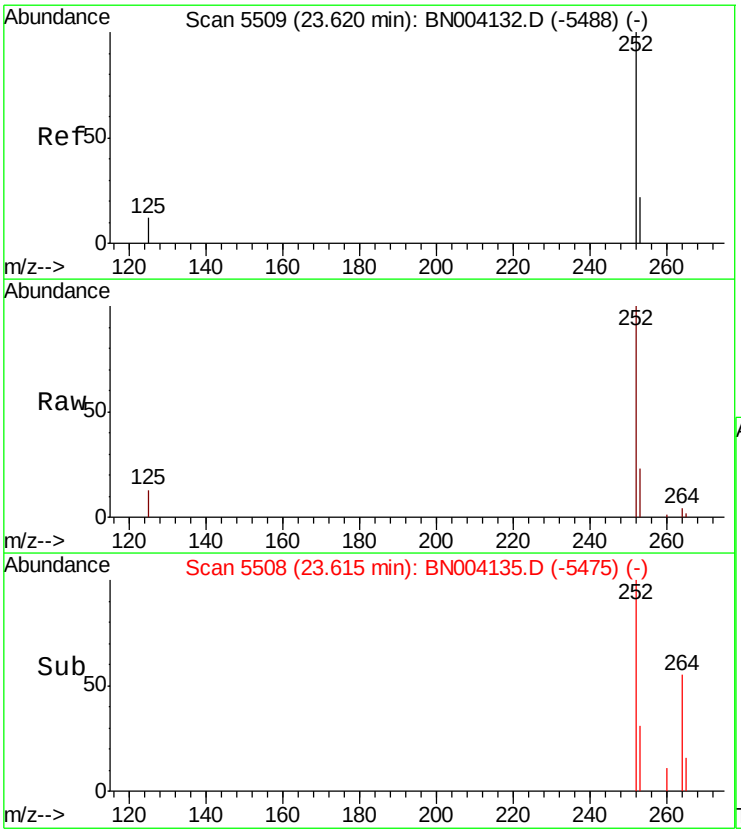
Tgt Ion:252 Resp: 90861

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	12.2	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
F9F25

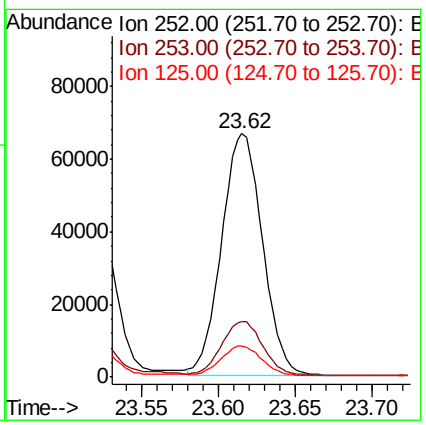
Manual Integrations APPROVED
Sohil
12/20/2018 2:03:57 PM

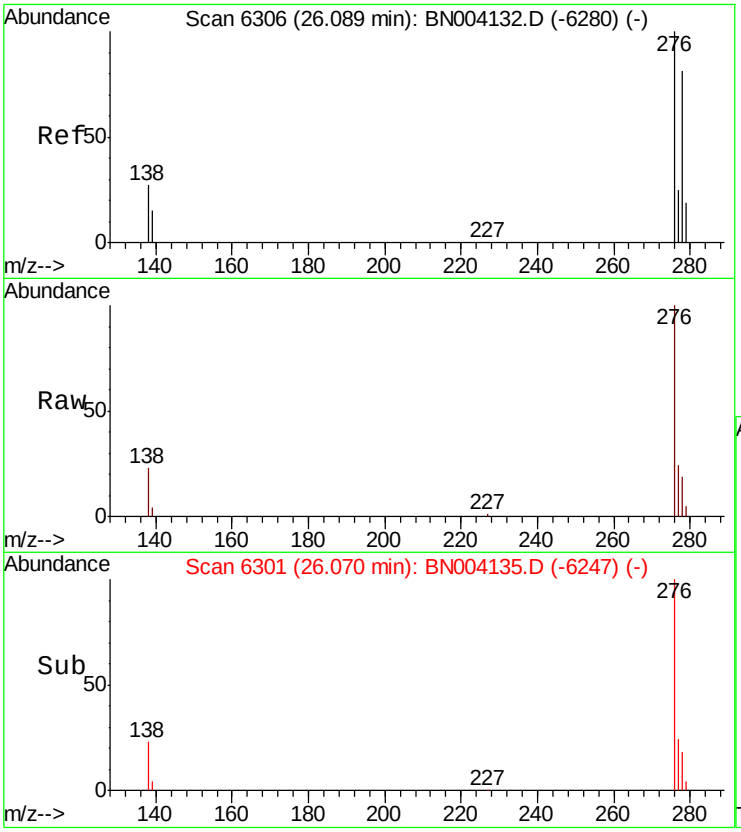


#23
Benzo(a)pyrene
Concen: 3.033 ng/ul m
RT: 23.62 min Scan# 5508
Delta R.T. -0.00 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

Tgt Ion:252 Resp: 123523

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.4
125	12.9	10.2	15.4





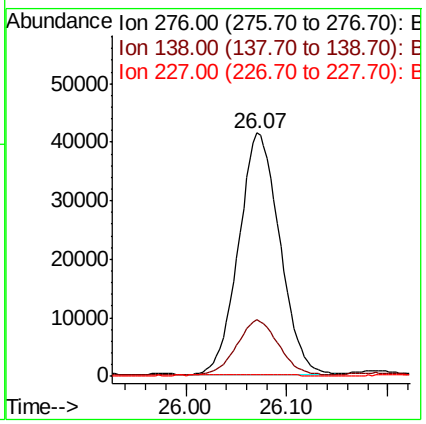
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.516 ng/ul m
RT: 26.07 min Scan# 6301
Delta R.T. -0.02 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

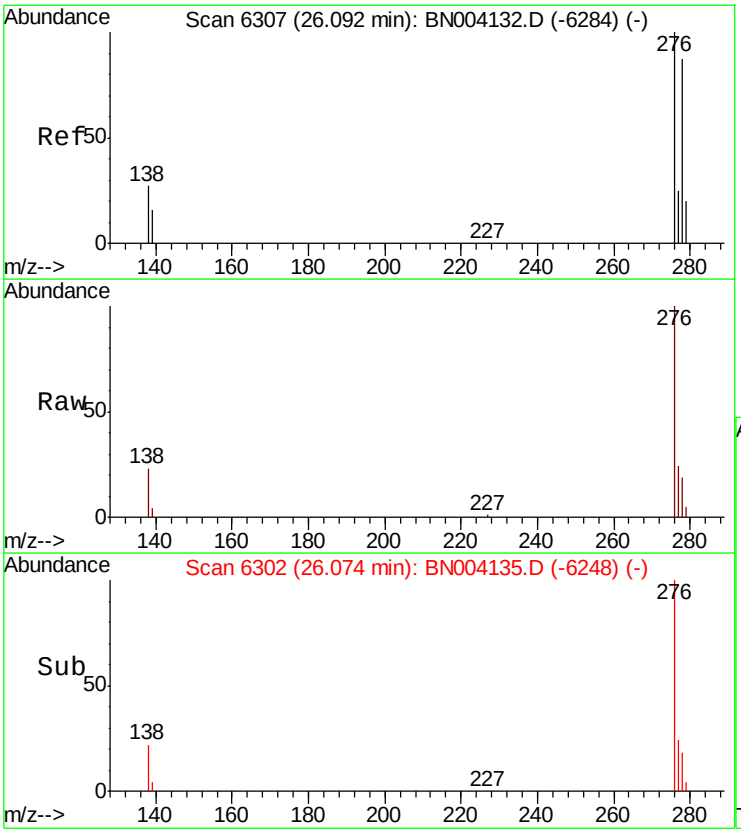
Tgt Ion:276 Resp: 117506

Ion	Ratio	Lower	Upper
276	100		
138	1.9	20.3	30.5#
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
F9F25

Manual Integrations APPROVED
Sohil
12/20/2018 2:03:57 PM

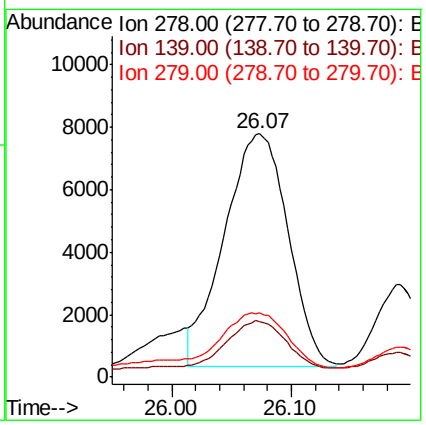


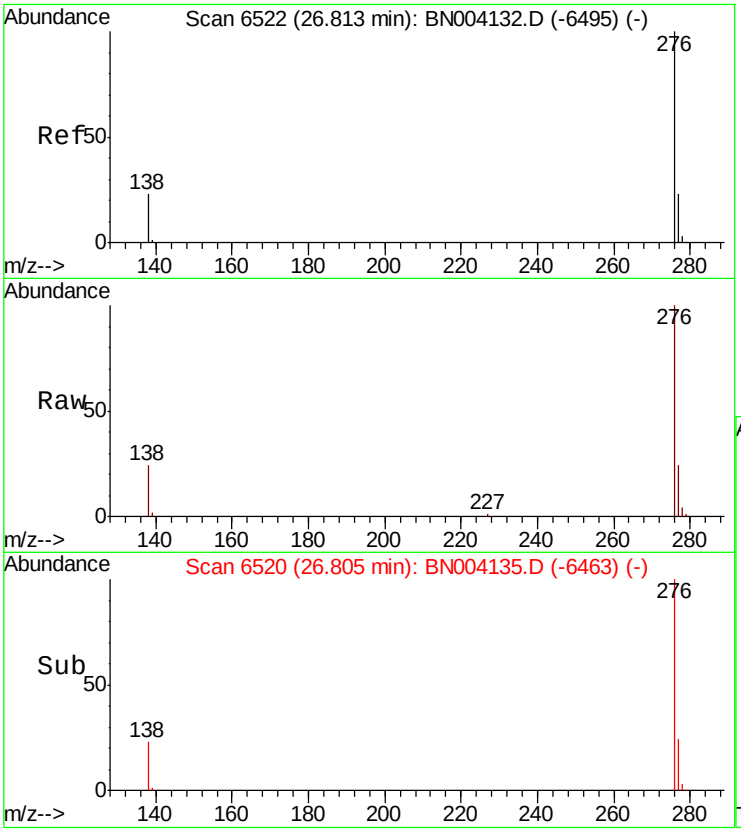


#25
Dibenzo(a,h)anthracene
Concen: 0.738 ng/ul m
RT: 26.07 min Scan# 6302
Delta R.T. -0.02 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

Tgt Ion:278 Resp: 27744

Ion	Ratio	Lower	Upper
278	100		
139	22.9	14.2	21.4#
279	26.6	19.8	29.6

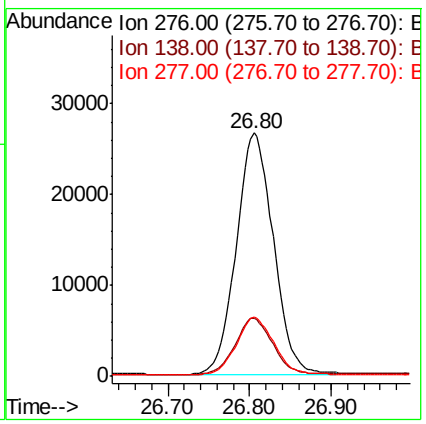




#26
Benzo(g,h,i)perylene
Concen: 2.077 ng/ul m
RT: 26.80 min Scan# 6520
Delta R.T. -0.01 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

Tgt Ion:276 Resp: 84333

Ion	Ratio	Lower	Upper
276	100		
138	24.1	17.7	26.5
277	24.2	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
F9F25

Manual Integrations APPROVED
Sohil
12/20/2018 2:03:57 PM