Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003115.D
Acq On : 11 Oct 2018 22:22
Operator : MJ/SJ
Sample : J5368-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ9

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:24 PM

Quant Time: Oct 12 07:01:34 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	1635	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7023	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4120	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8441m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5091m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4656m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3100	0.28	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	6383m	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	60959	3.382	ng/ul	95
5) 2-Methylnaphthalene	12.07	142	13258	1.069	ng/ul	98
8) Acenaphthene	14.32	153	35754	2.500	ng/ul	100
9) Fluorene	15.32	166	43478	2.654	ng/ul	98
12) Phenanthrene	17.05	178	332666m	14.138	ng/ul	
13) Anthracene	17.15	178	94976m	4.273	ng/ul	
15) Fluoranthene	19.08	202	262815m	9.521	ng/ul	
17) Pyrene	19.45	202	188049	9.510	ng/ul	96
18) Benzo(a)anthracene	21.21	228	75614m	4.615	ng/ul	
19) Chrysene	21.26	228	70504m	4.238	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	73873m	4.406	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	29333m	1.687	ng/ul	
23) Benzo(a)pyrene	23.34	252	51567m	3.431	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	32134m	1.861	ng/ul	
25) Dibenzo(a,h)anthracene	25.64	278	9596m	0.694	ng/ul	
26) Benzo(g,h,i)perylene	26.33	276	25672m	1.763	ng/ul	

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

Quantitation Report (QT Reviewed)

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Quant Time: Oct 12 07:01:34 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 :
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Manual Integrations APPROVED
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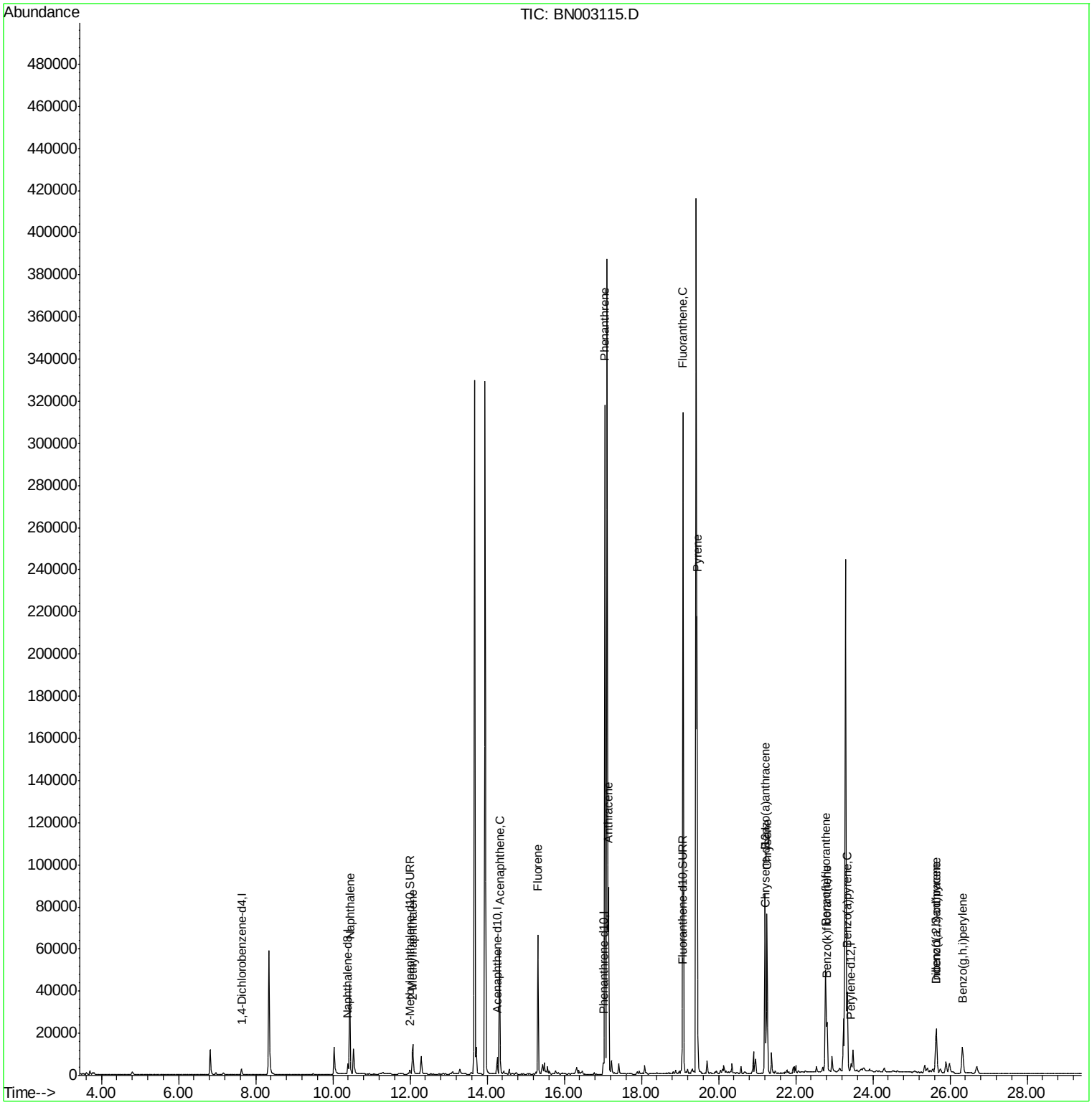
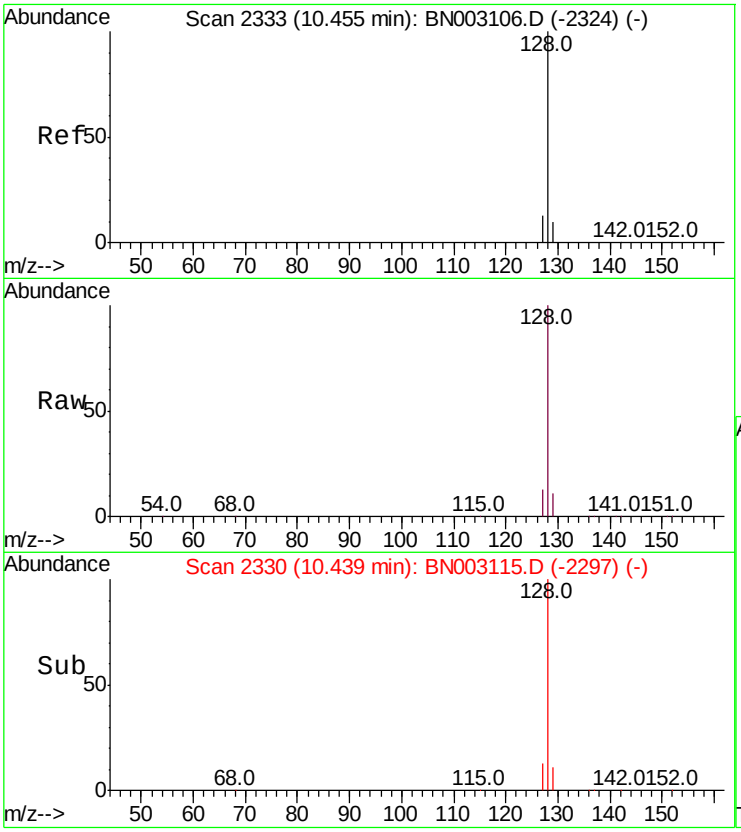
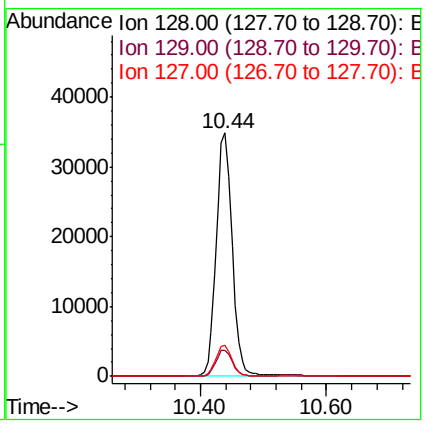




#3
Naphthalene
Concen: 3.382 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:128 Resp: 60959

Ion	Ratio	Lower	Upper
128	100		
129	10.9	10.4	15.6
127	12.8	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
A3YZ9

Manual Integrations APPROVED
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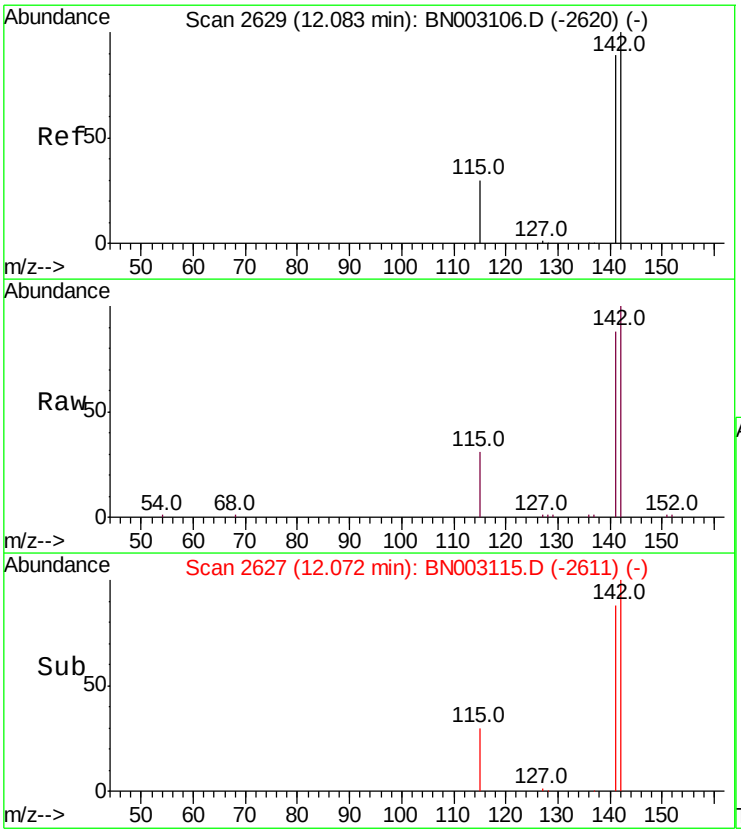
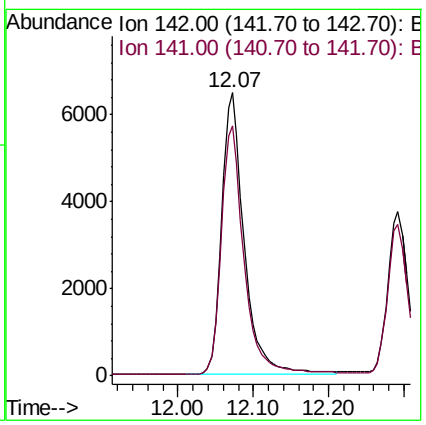
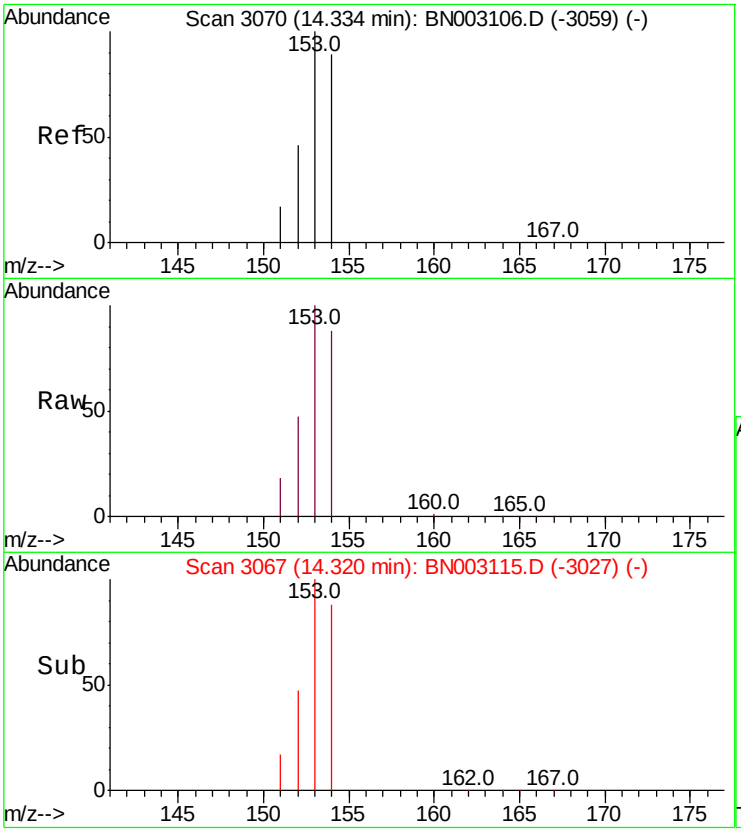


#5
2-Methylnaphthalene
Concen: 1.069 ng/ul
RT: 12.07 min Scan# 2627
Delta R.T. -0.01 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:142 Resp: 13258

Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.4	110.0





#8
Acenaphthene
Concen: 2.500 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:153 Resp: 35754

Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.2	57.4
154	87.7	70.2	105.2

Instrument :
BNA_N
ClientSampleId :
A3YZ9

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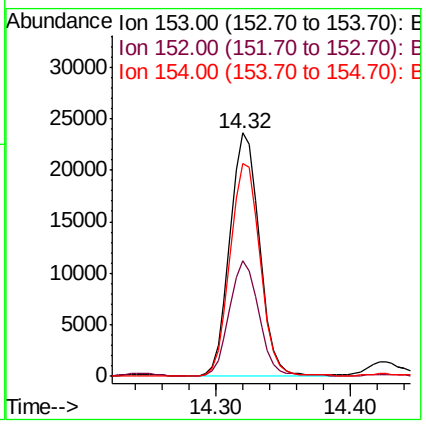
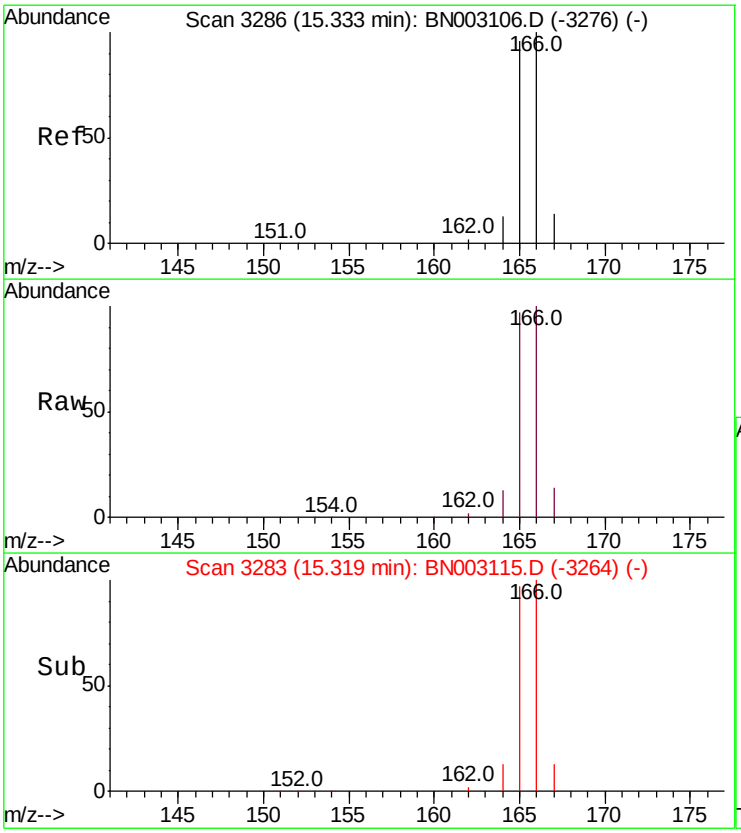
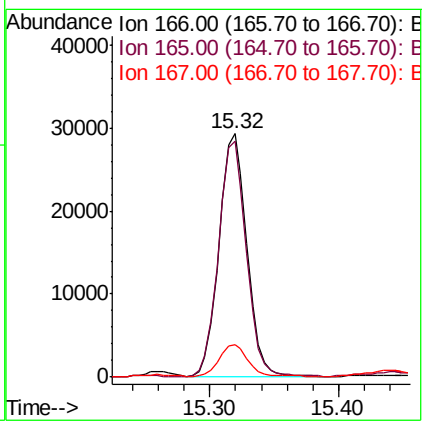


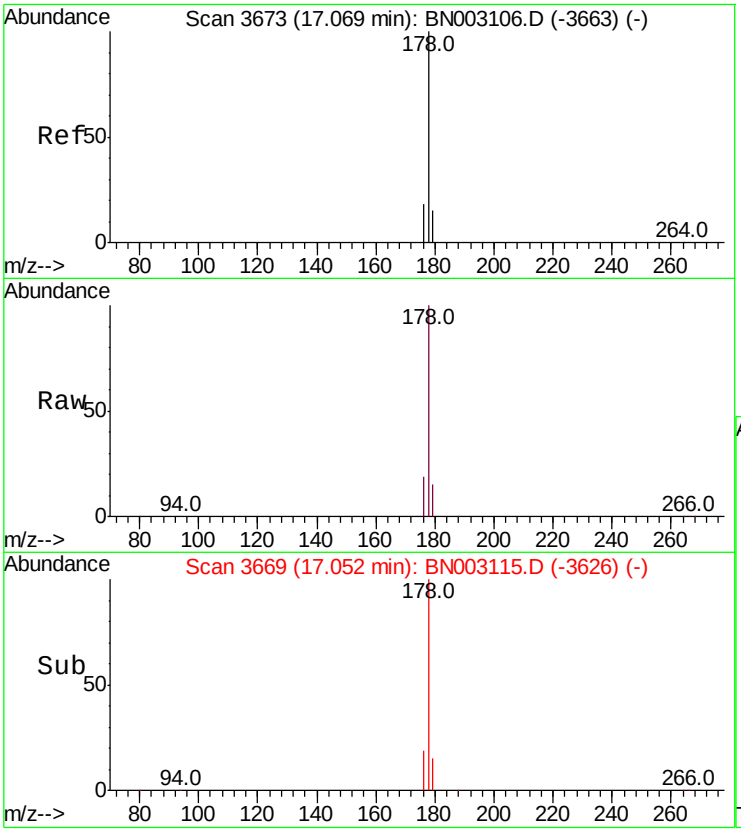


#9
Fluorene
Concen: 2.654 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. -0.01 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:166 Resp: 43478

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.5	117.7
167	13.6	11.6	17.4

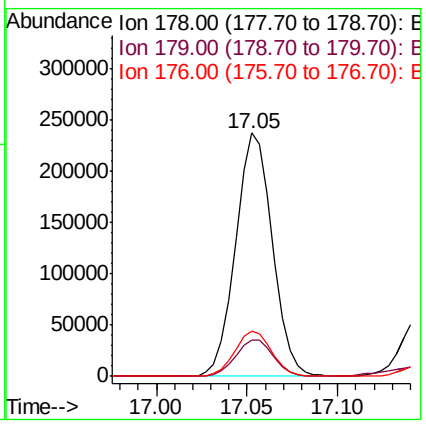




#12
Phenanthrene
Concen: 14.138 ng/ul m
RT: 17.05 min Scan# 3669
Delta R.T. -0.02 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:178 Resp: 332666

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.9	19.3
176	18.7	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
A3YZ9

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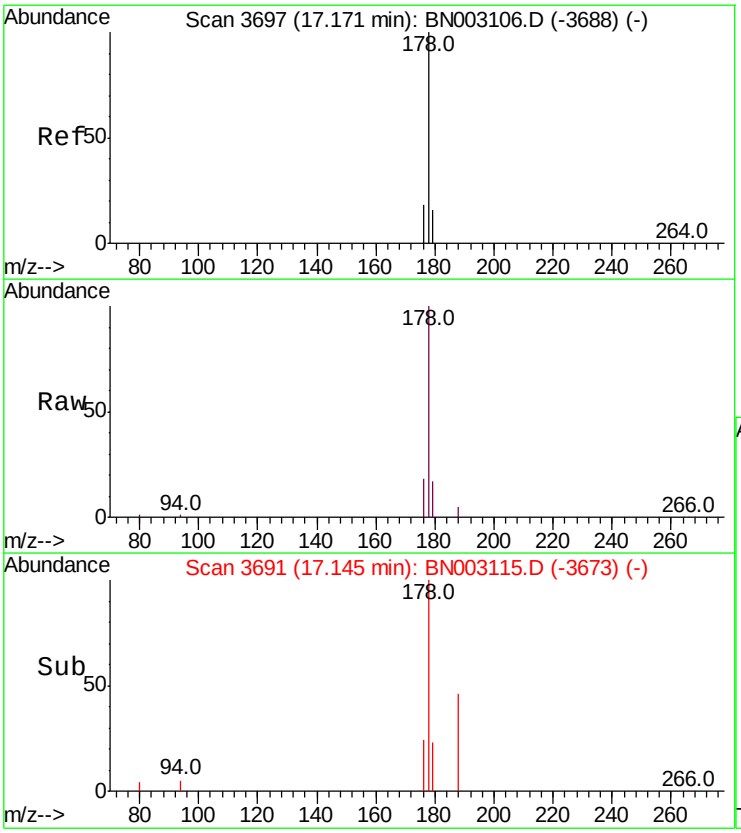
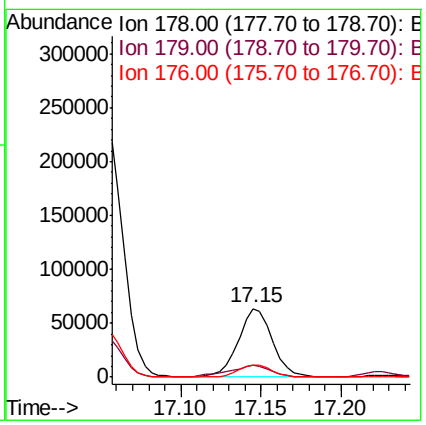
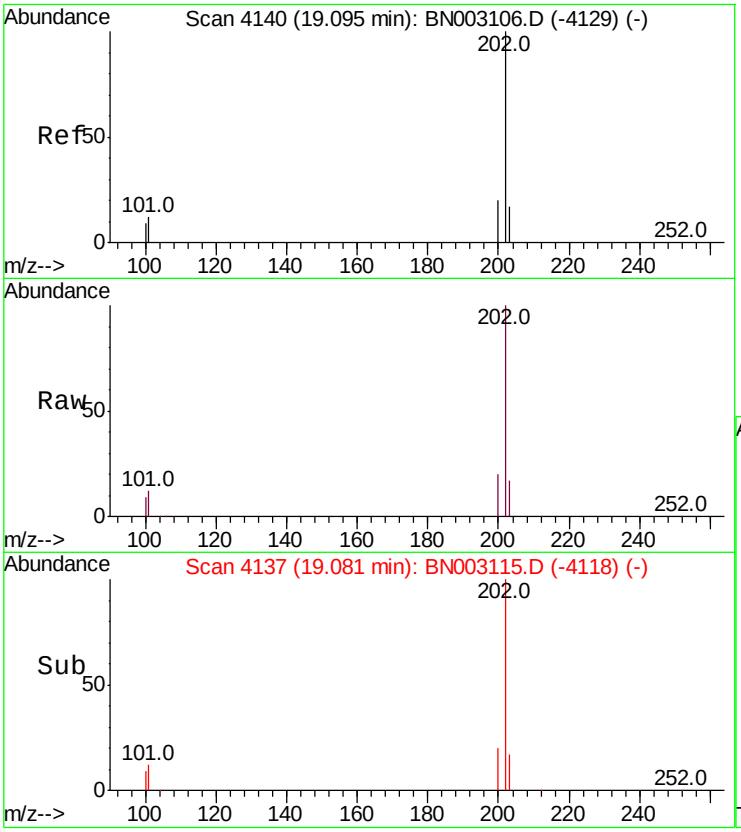


#13
Anthracene
Concen: 4.273 ng/ul m
RT: 17.15 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:178 Resp: 94976

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.6
176	18.0	15.3	22.9

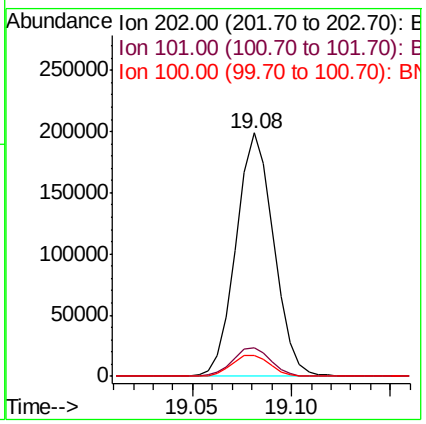




#15
Fluoranthene
Concen: 9.521 ng/ul m
RT: 19.08 min Scan# 4137
Delta R.T. -0.01 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:202 Resp: 262815

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.3
100	8.8	0.0	29.1



Instrument :
BNA_N
ClientSampleId :
A3YZ9

Manual Integrations APPROVED
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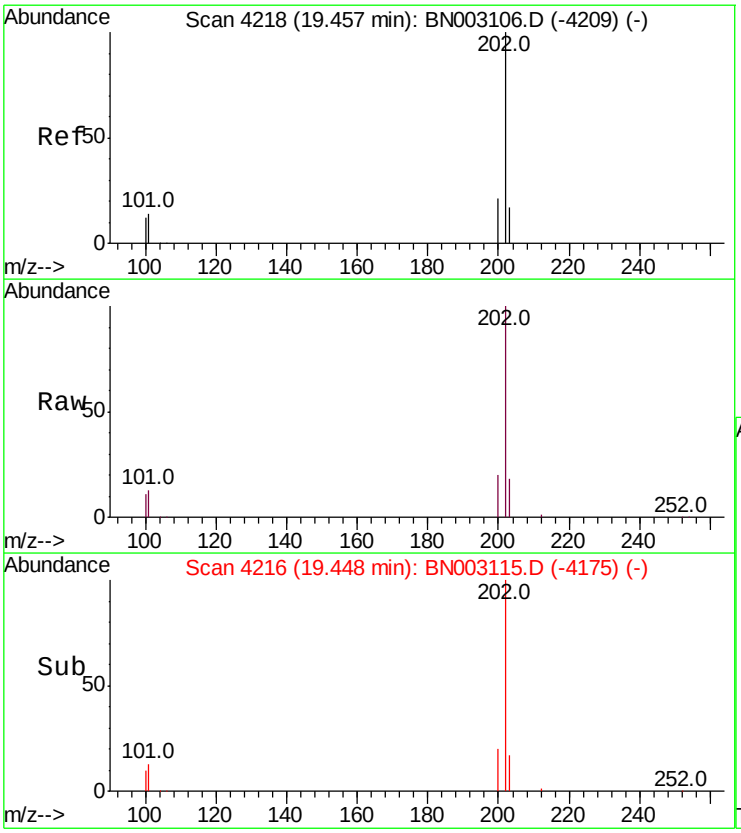
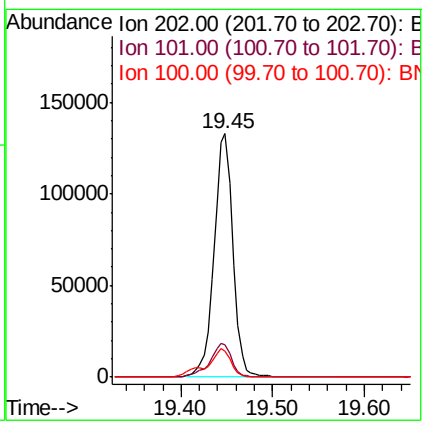
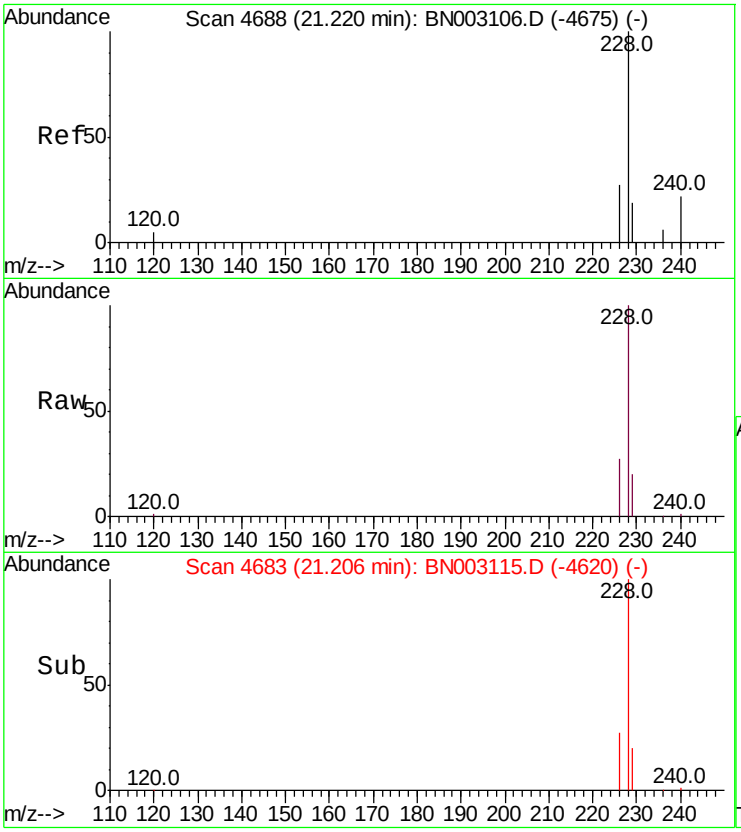


#17
Pyrene
Concen: 9.510 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:202 Resp: 188049

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.9	17.9
100	10.5	9.9	14.9

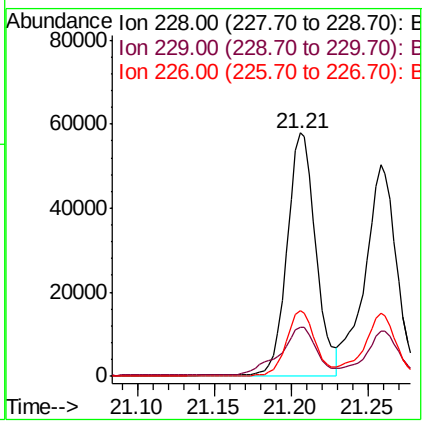




#18
Benzo(a)anthracene
Concen: 4.615 ng/ul m
RT: 21.21 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:228 Resp: 75614

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.2
226	27.0	22.3	33.5



Instrument :
BNA_N
ClientSampleId :
A3YZ9

Manual Integrations APPROVED
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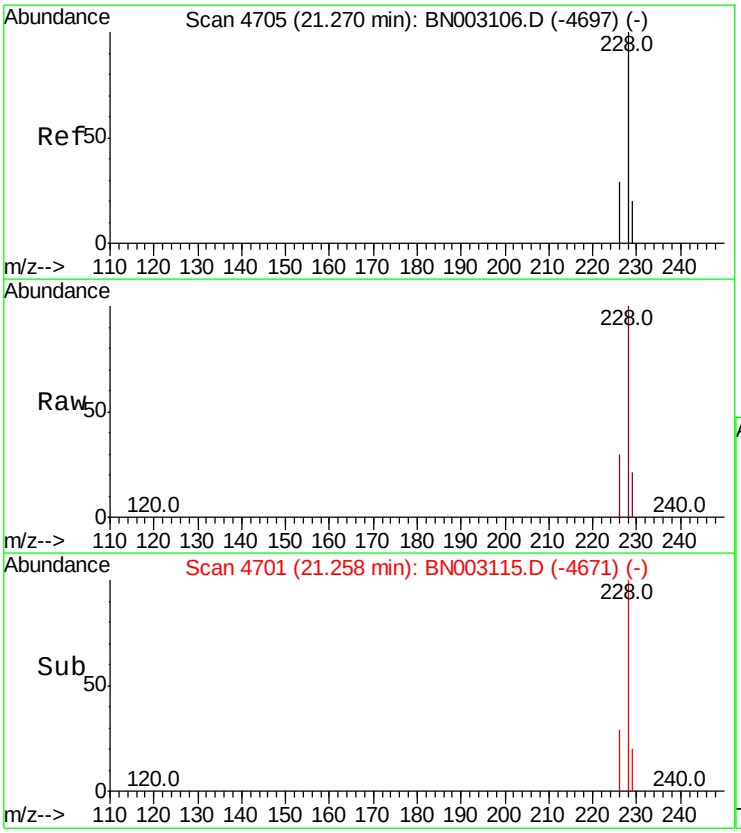
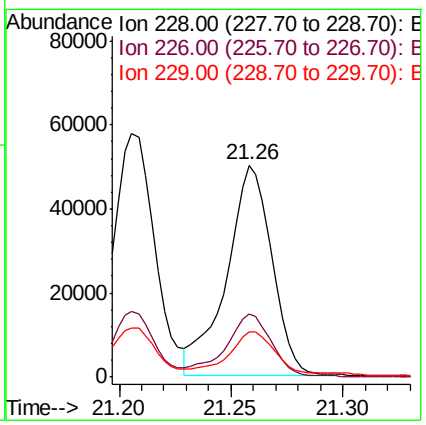
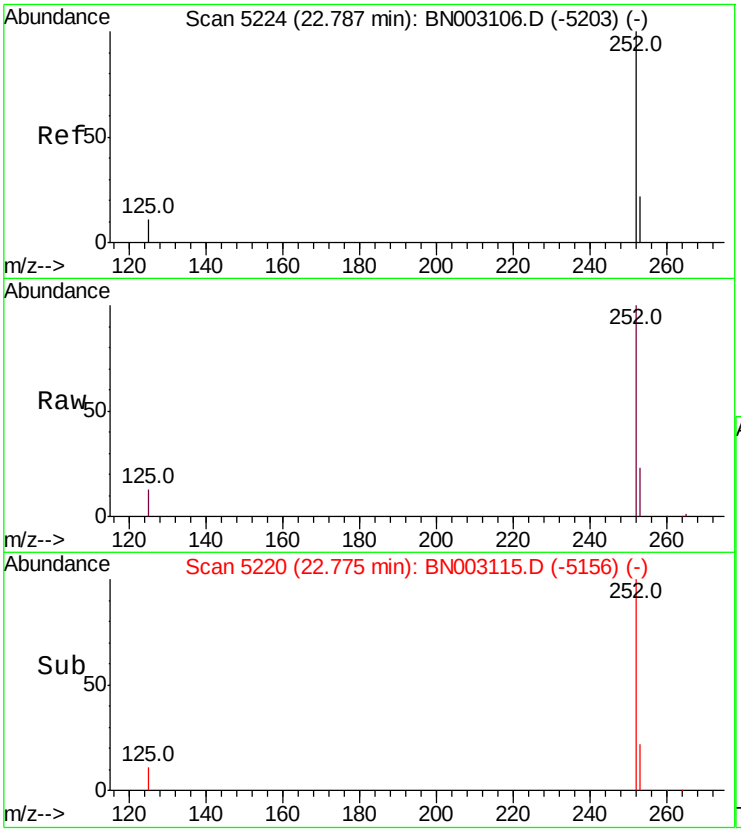


#19
Chrysene
Concen: 4.238 ng/ul m
RT: 21.26 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:228 Resp: 70504

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	21.4	16.7	25.1

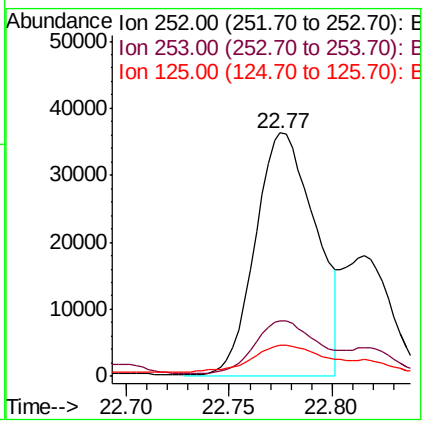




#21
Benzo(b)fluoranthene
Concen: 4.406 ng/ul m
RT: 22.77 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:252 Resp: 73873

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	53.2
125	12.8	0.0	34.2



Instrument :
BNA_N
ClientSampleId :
A3YZ9

Manual Integrations APPROVED
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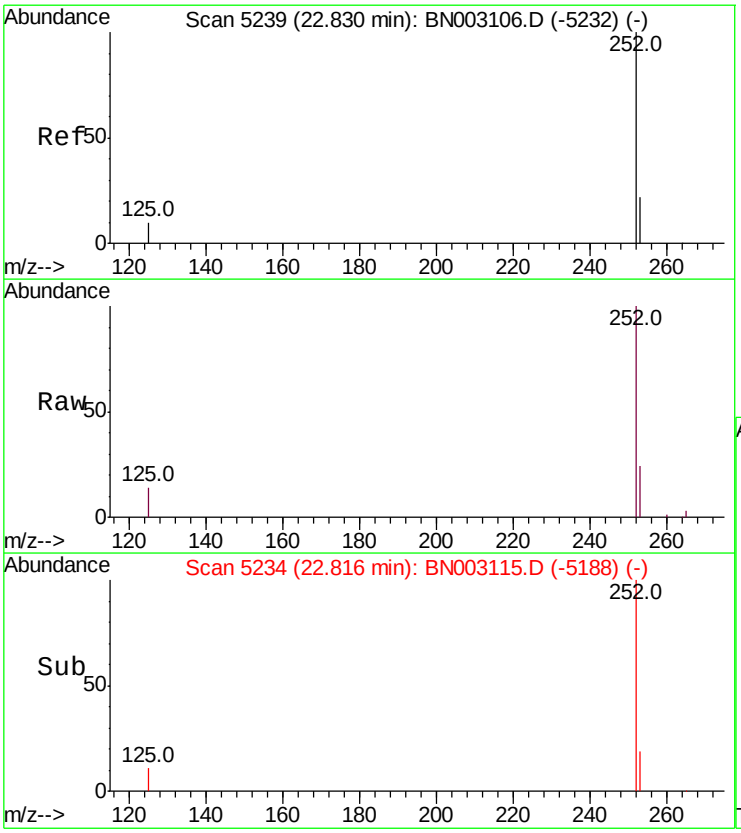
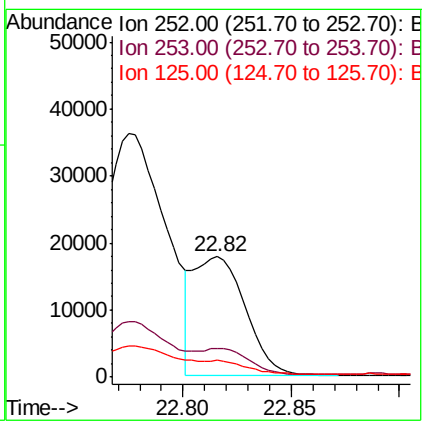
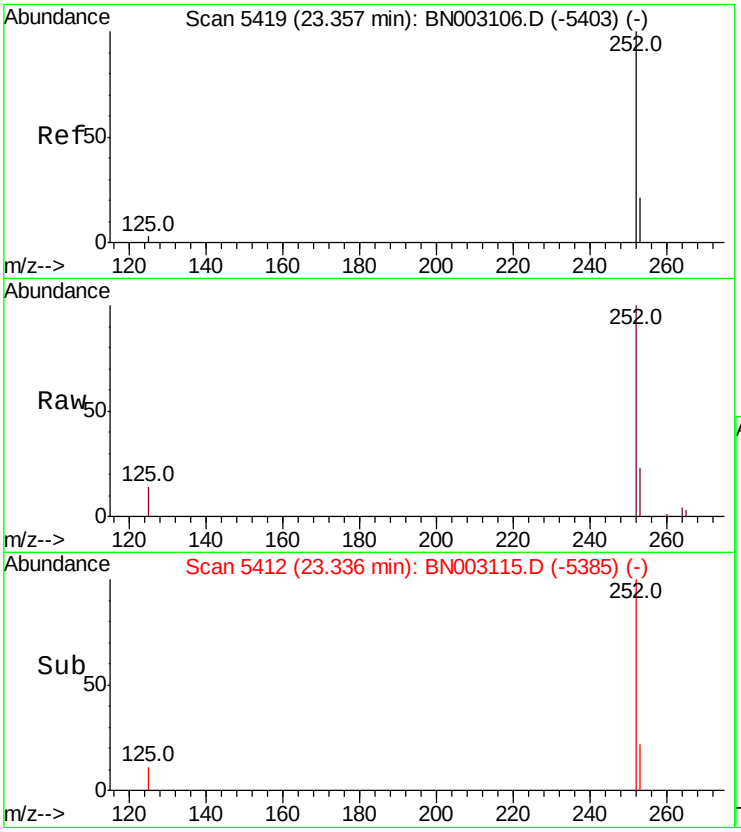


#22
Benzo(k)fluoranthene
Concen: 1.687 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:252 Resp: 29333

Ion	Ratio	Lower	Upper
252	100		
253	23.6	21.3	31.9
125	13.7	14.1	21.1#





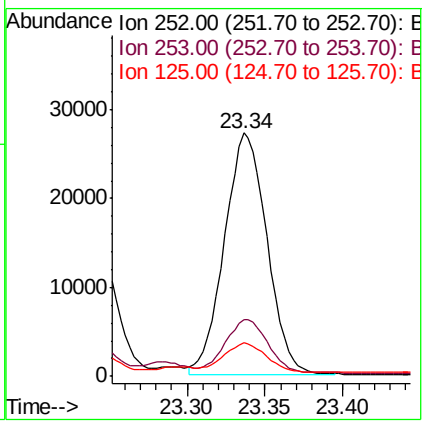
#23
Benzo(a)pyrene
Concen: 3.431 ng/ul m
RT: 23.34 min Scan# 5412
Delta R.T. -0.02 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

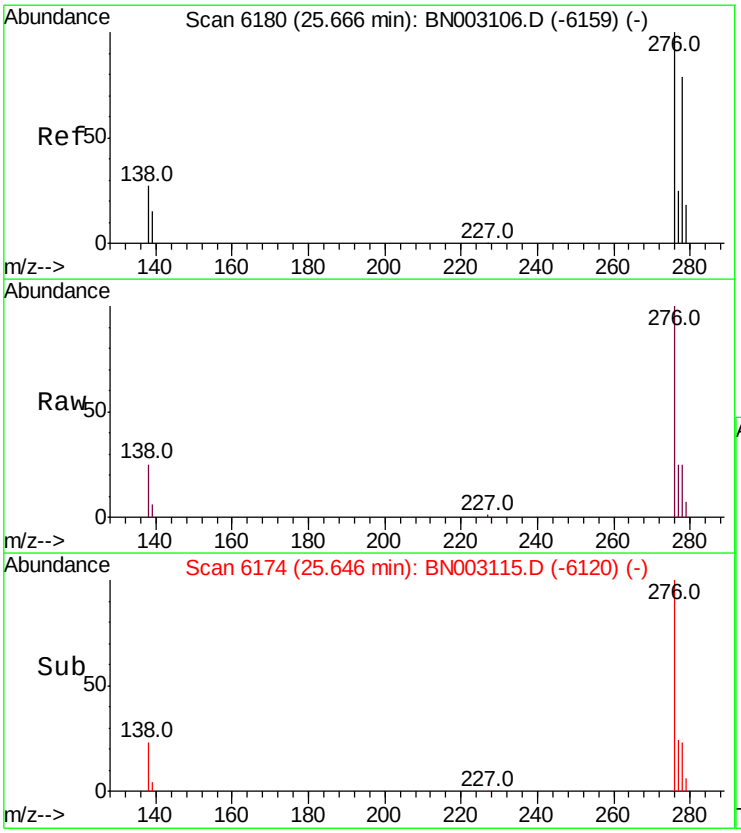
Tgt Ion:252 Resp: 51567

Ion	Ratio	Lower	Upper
252	100		
253	23.2	23.1	34.7
125	13.7	16.9	25.3#

Instrument :
BNA_N
ClientSampleId :
A3YZ9

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:24 PM

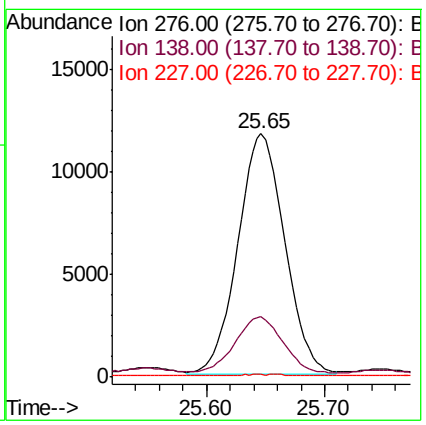


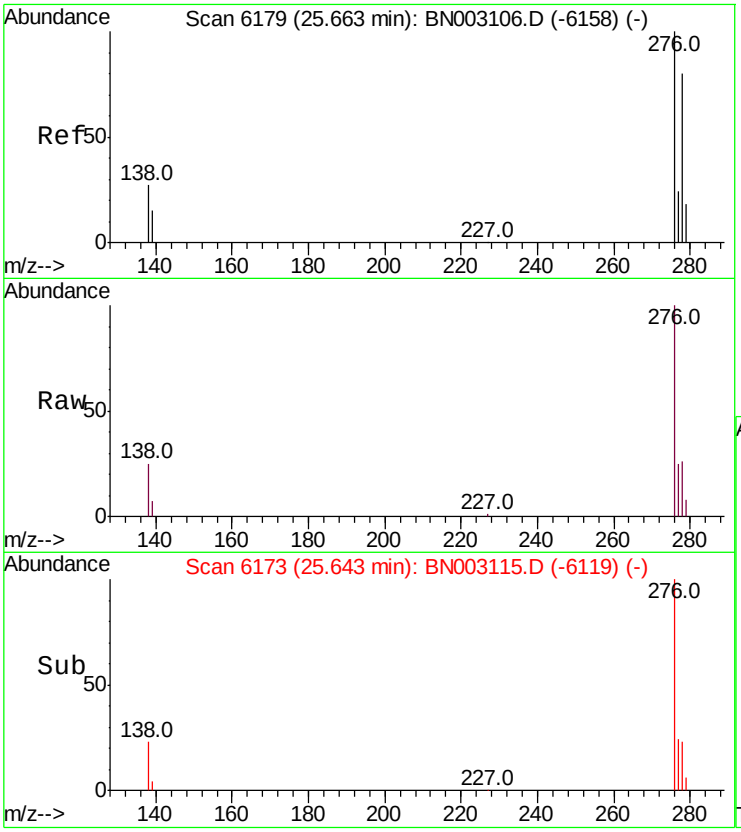


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.861 ng/ul m
RT: 25.65 min Scan# 6174
Delta R.T. -0.02 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:276 Resp: 32134

Ion	Ratio	Lower	Upper
276	100		
138	3.4	21.5	32.3#
227	0.0	0.3	0.5#





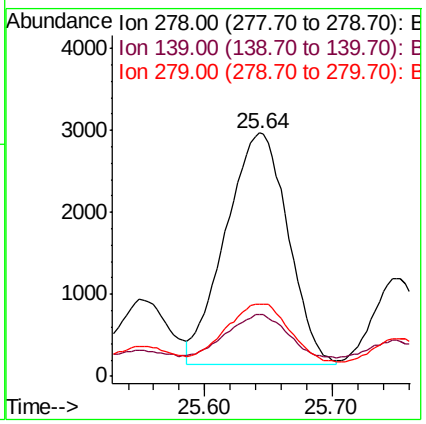
#25
Dibenzo(a,h)anthracene
Concen: 0.694 ng/ul m
RT: 25.64 min Scan# 6173
Delta R.T. -0.02 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

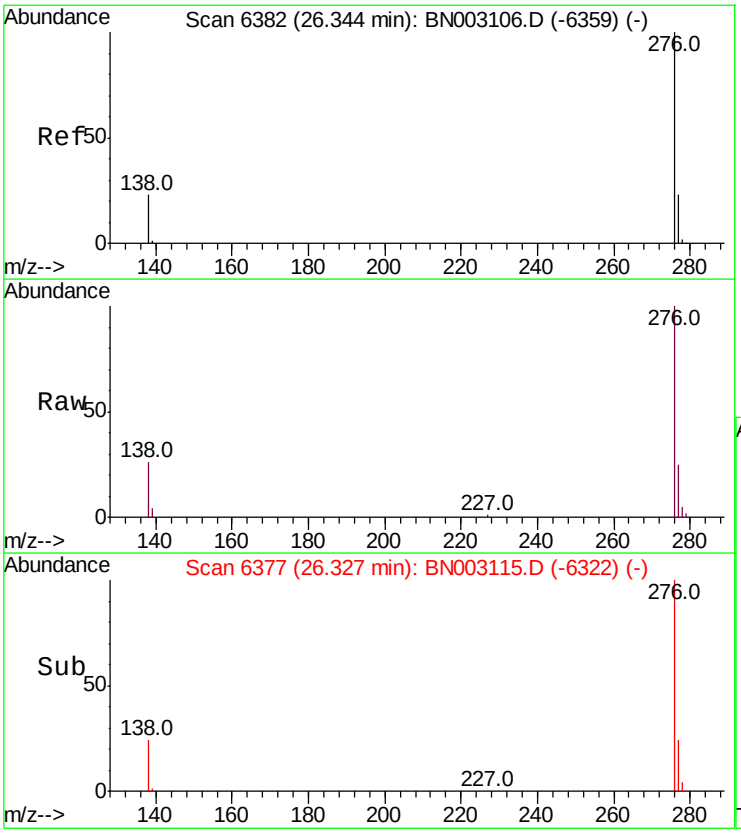
Tgt Ion:278 Resp: 9596

Ion	Ratio	Lower	Upper
278	100		
139	25.6	20.2	30.4
279	29.9	23.8	35.8

Instrument :
BNA_N
ClientSampleId :
A3YZ9

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:24 PM





#26
Benzo(g,h,i)perylene
Concen: 1.763 ng/ul m
RT: 26.33 min Scan# 6377
Delta R.T. -0.02 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:276 Resp: 25672

Ion	Ratio	Lower	Upper
276	100		
138	25.7	23.0	34.4
277	25.3	22.0	33.0