Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003118.D
Acq On : 12 Oct 2018 00:08
Operator : MJ/SJ
Sample : J5230-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z07

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:27 PM

Quant Time: Oct 12 07:17:35 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	1679	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7134	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4236	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9225m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	6761m	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	5589m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	2980	0.27	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	7443m	0.28	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	9773	0.534	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	6342	0.503	ng/ul	97
7) Acenaphthylene	13.98	152	69848	3.604	ng/ul	98
8) Acenaphthene	14.32	153	6115	0.416	ng/ul	99
9) Fluorene	15.32	166	7584	0.450	ng/ul#	98
12) Phenanthrene	17.05	178	161042m	6.262	ng/ul	
13) Anthracene	17.15	178	72972m	3.004	ng/ul	
15) Fluoranthene	19.08	202	584659m	19.380	ng/ul	
17) Pyrene	19.45	202	498034	18.966	ng/ul	95
18) Benzo(a)anthracene	21.21	228	242737m	11.157	ng/ul	
19) Chrysene	21.26	228	279528m	12.653	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	344552m	17.118	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	115945m	5.557	ng/ul	
23) Benzo(a)pyrene	23.34	252	160229m	8.882	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.64	276	127427m	6.147	ng/ul	
25) Dibenzo(a,h)anthracene	25.63	278	36631m	2.208	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	106010m	6.065	ng/ul	

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

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Manual Integrations APPROVED
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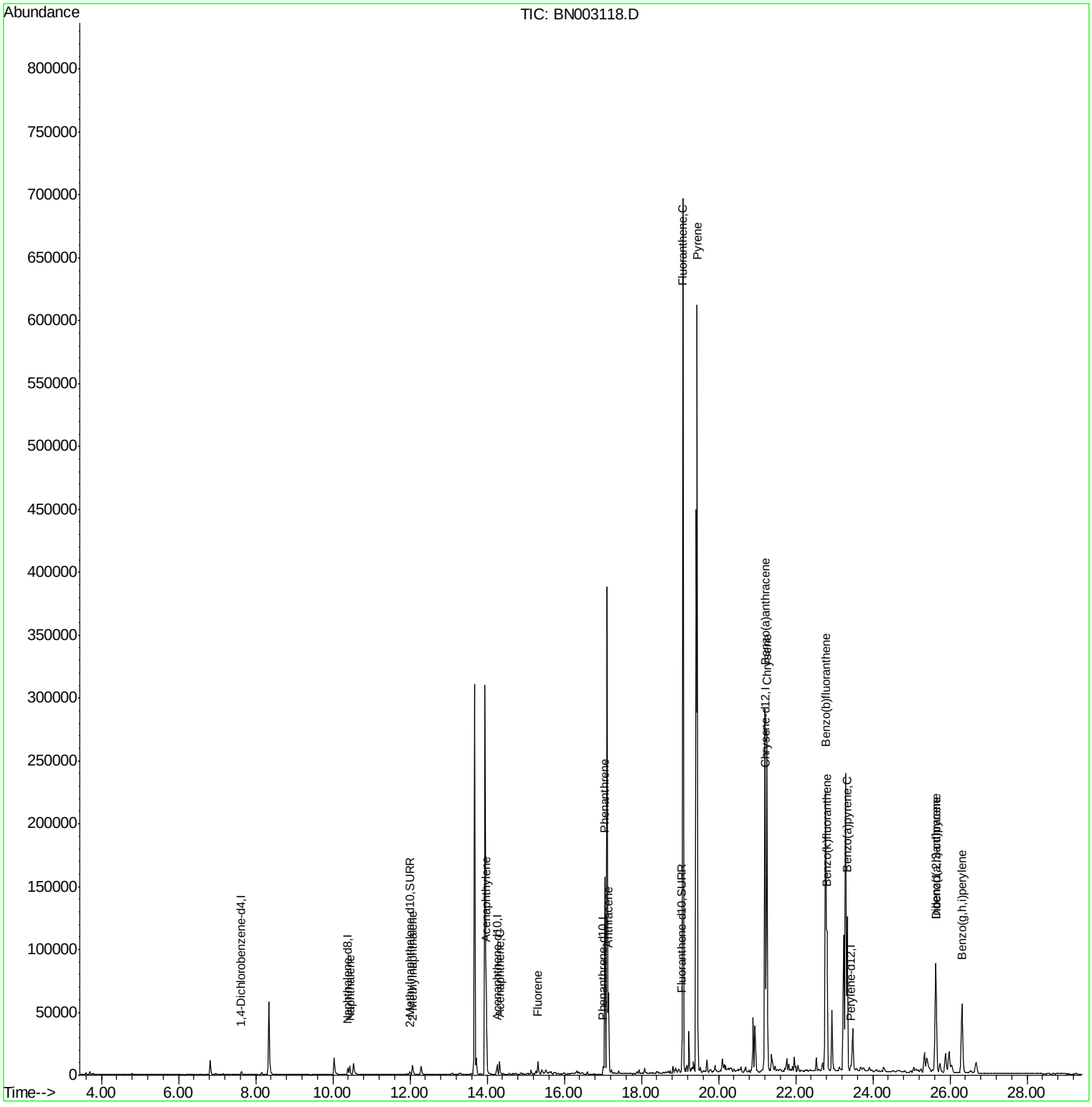
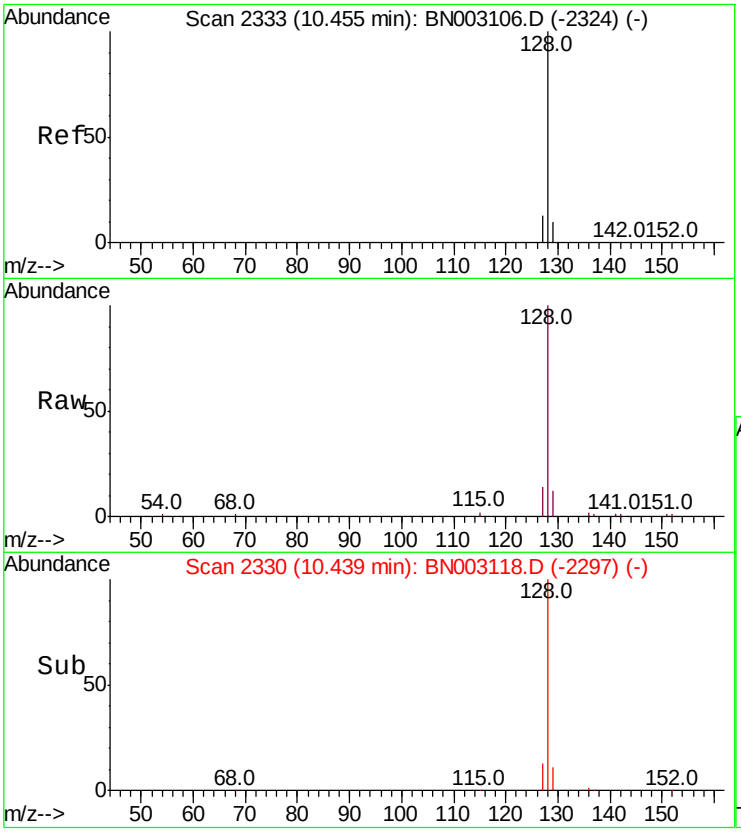
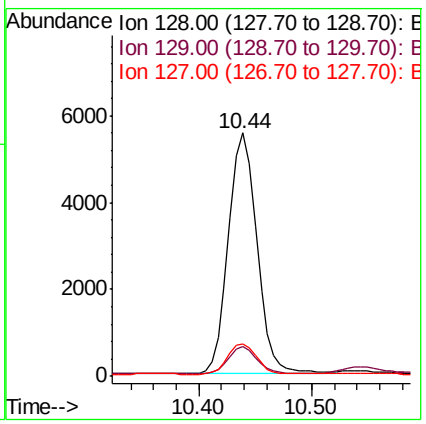




#3
Naphthalene
Concen: 0.534 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:128 Resp: 9773

Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.4	15.6
127	13.6	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
A3Z07

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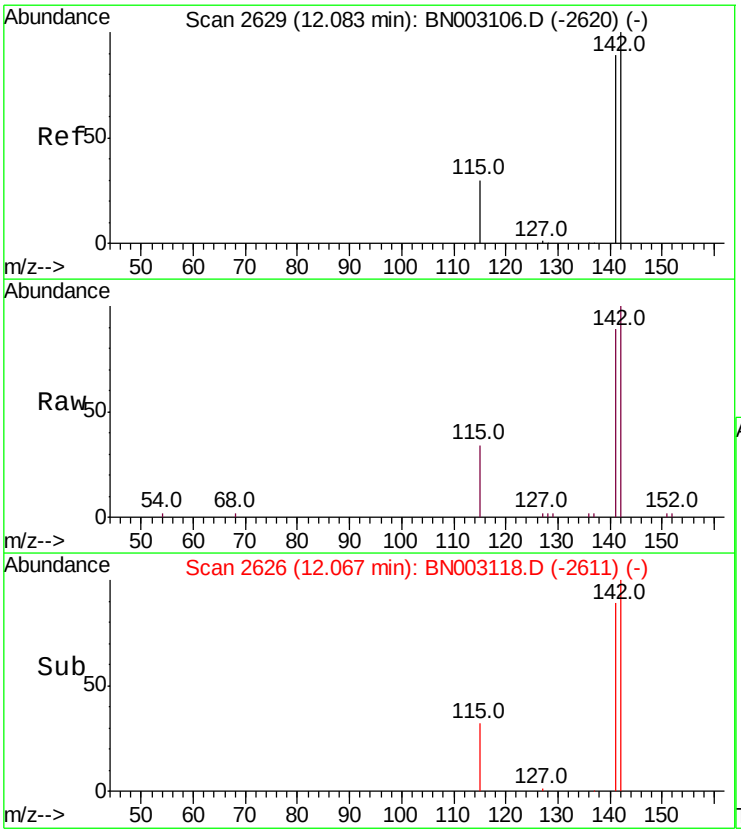
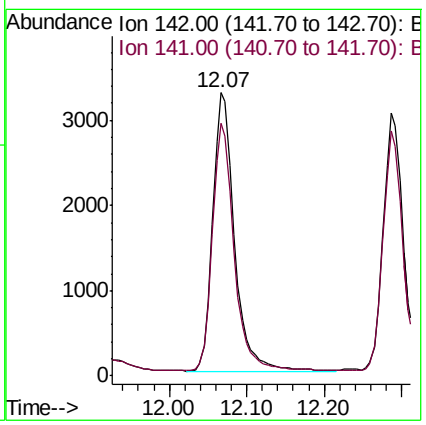
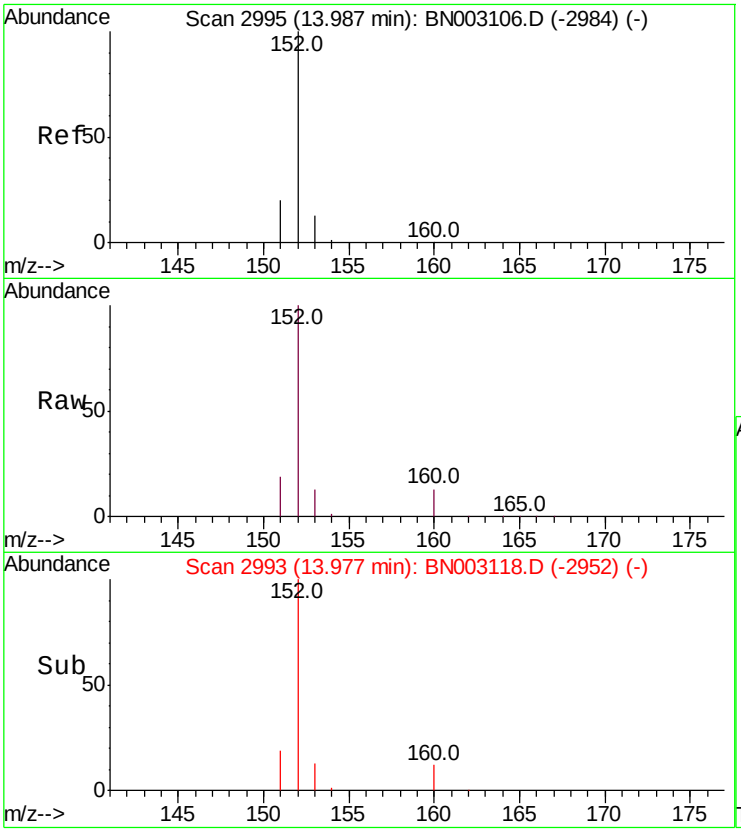


#5
2-Methylnaphthalene
Concen: 0.503 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:142 Resp: 6342

Ion	Ratio	Lower	Upper
142	100		
141	88.6	73.4	110.0

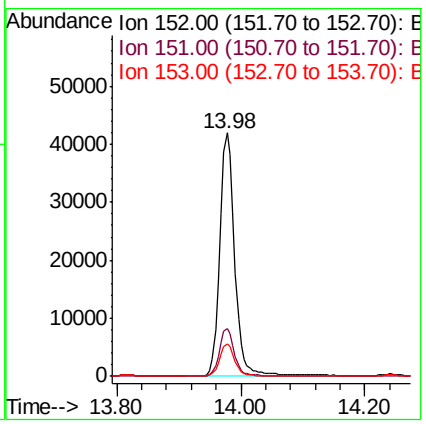




#7
Acenaphthylene
Concen: 3.604 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:152 Resp: 69848

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.5	24.7
153	13.2	11.4	17.2



Instrument :
BNA_N
ClientSampleId :
A3Z07

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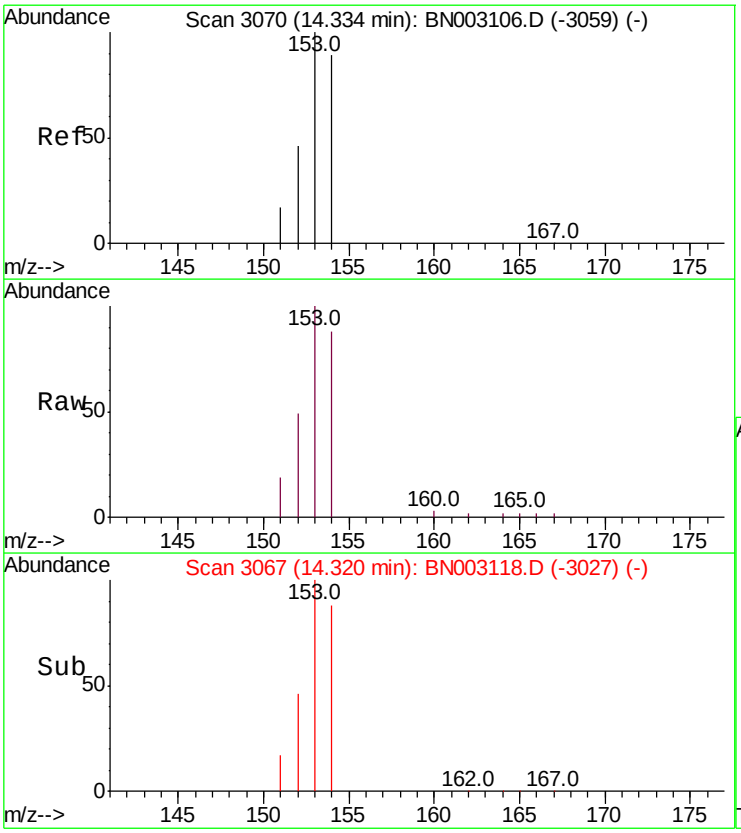
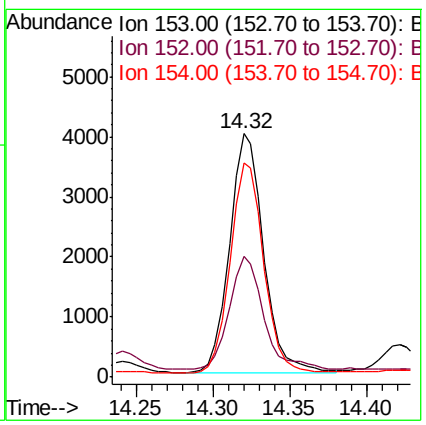
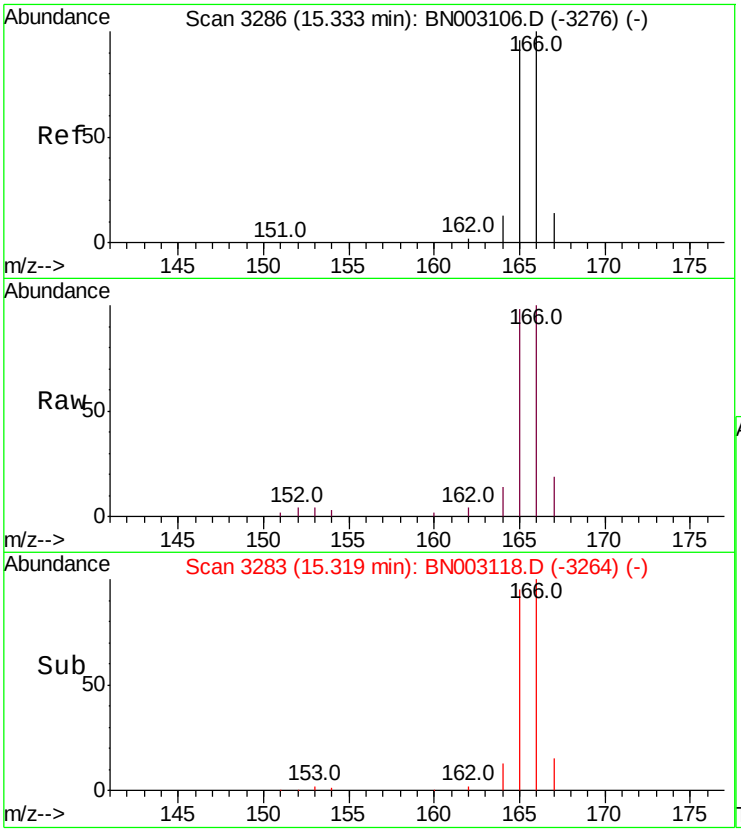


#8
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:153 Resp: 6115

Ion	Ratio	Lower	Upper
153	100		
152	49.4	38.2	57.4
154	87.9	70.2	105.2

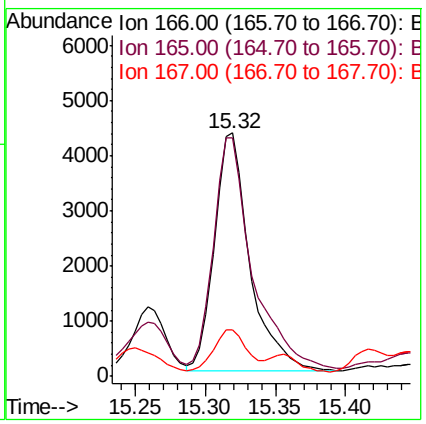




#9
Fluorene
Concen: 0.450 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. -0.01 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:166 Resp: 7584

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.5	117.7
167	19.0	11.6	17.4#



Instrument :
BNA_N
ClientSampleId :
A3Z07

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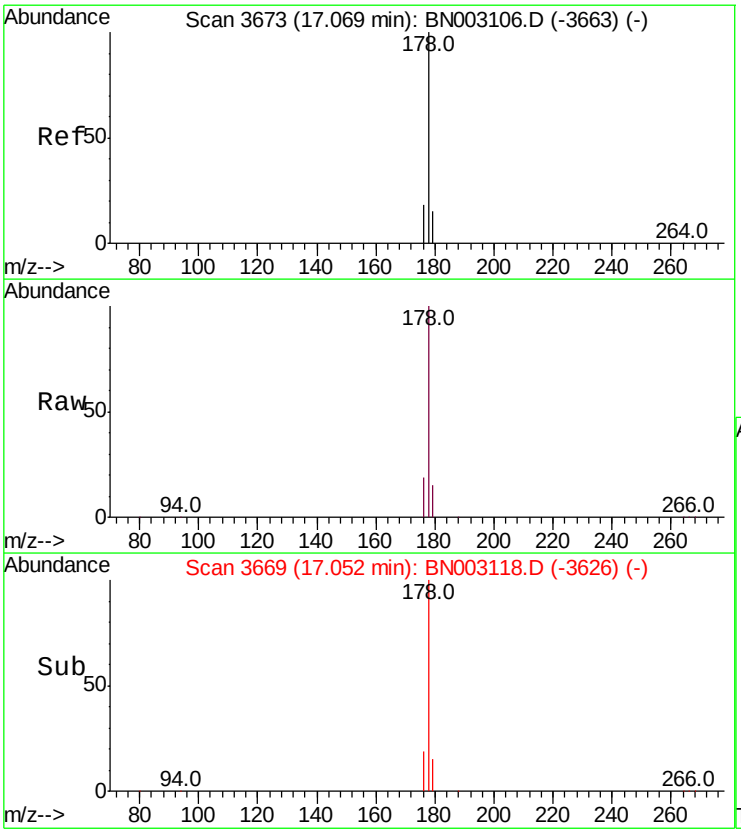
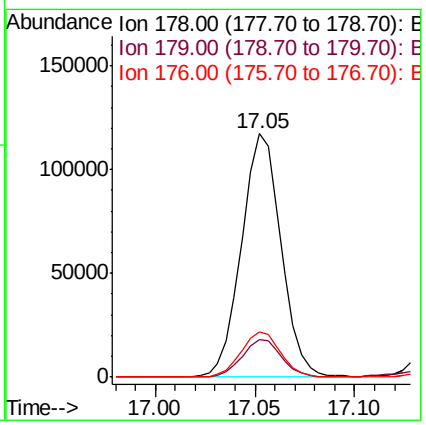
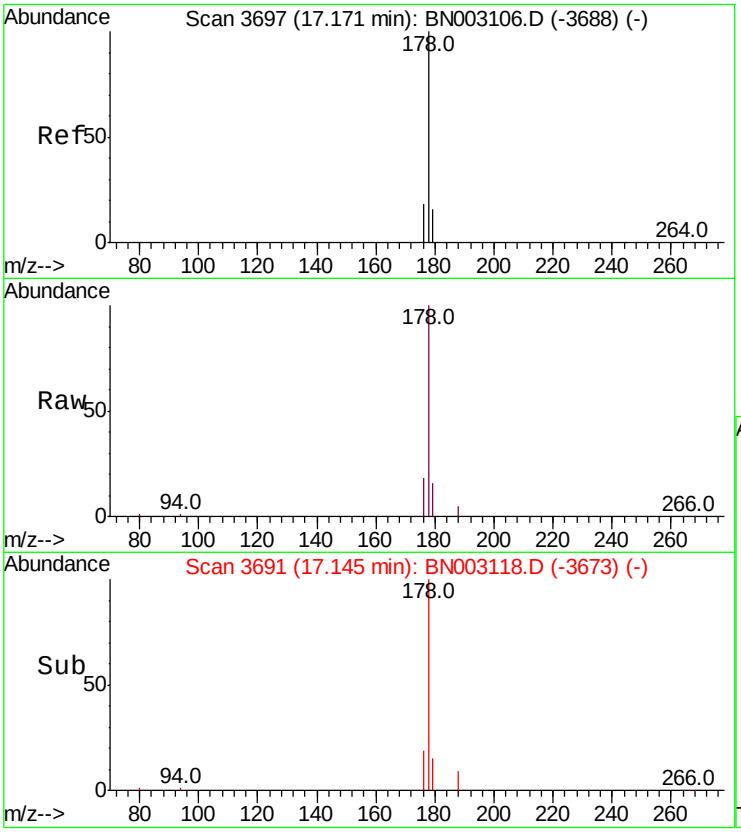


#12
Phenanthrene
Concen: 6.262 ng/ul m
RT: 17.05 min Scan# 3669
Delta R.T. -0.02 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:178 Resp: 161042

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	18.8	15.4	23.2

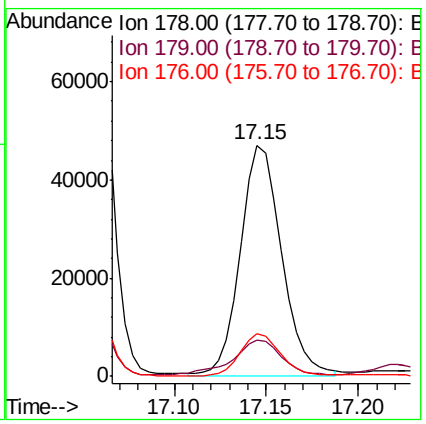




#13
Anthracene
Concen: 3.004 ng/ul m
RT: 17.15 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:178 Resp: 72972

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	18.2	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A3Z07

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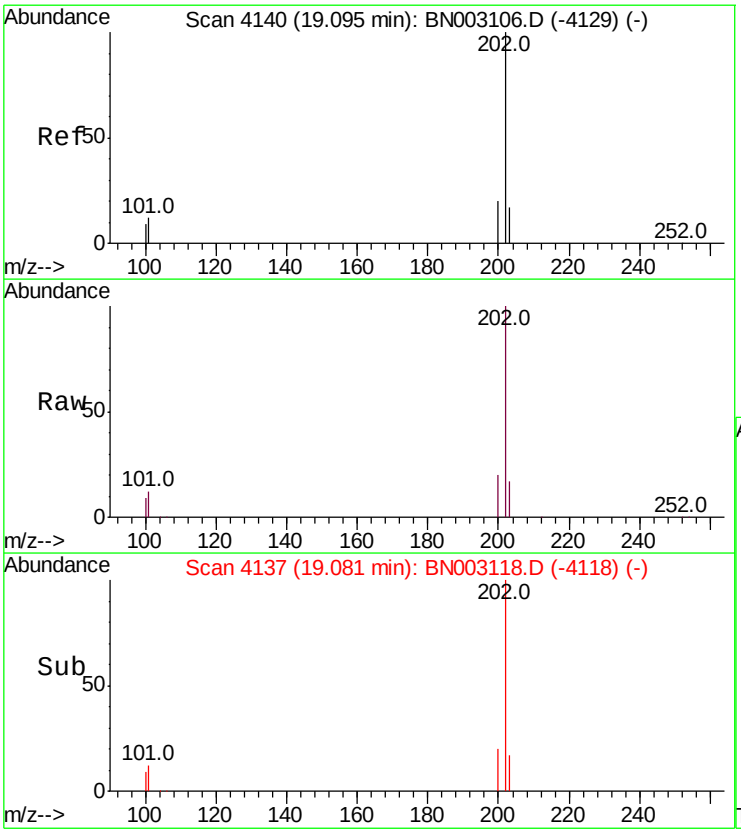
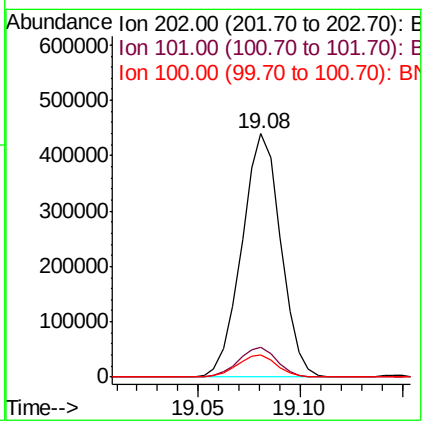
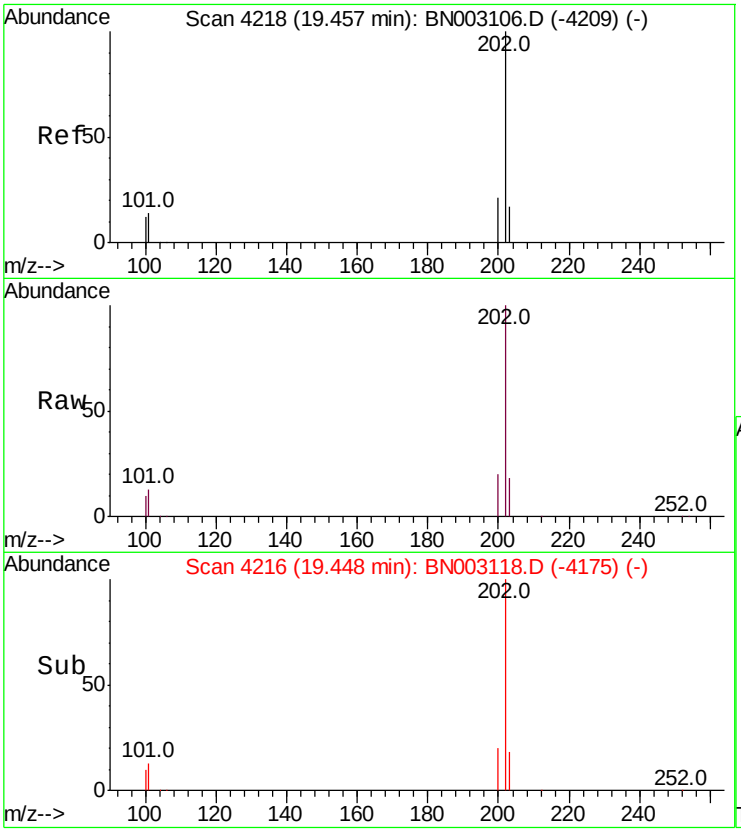


#15
Fluoranthene
Concen: 19.380 ng/ul m
RT: 19.08 min Scan# 4137
Delta R.T. -0.01 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:202 Resp: 584659

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.3
100	8.9	0.0	29.1

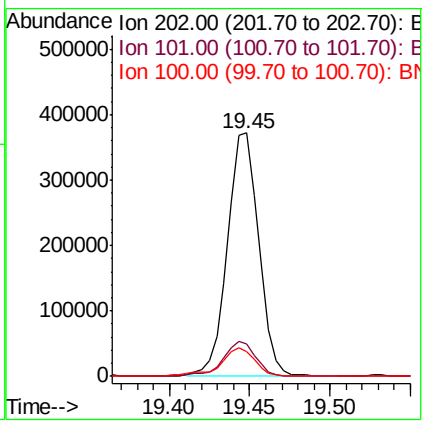




#17
Pyrene
Concen: 18.966 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:202 Resp: 498034

Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.9	17.9
100	10.4	9.9	14.9



Instrument :
BNA_N
ClientSampleId :
A3Z07

Manual Integrations APPROVED
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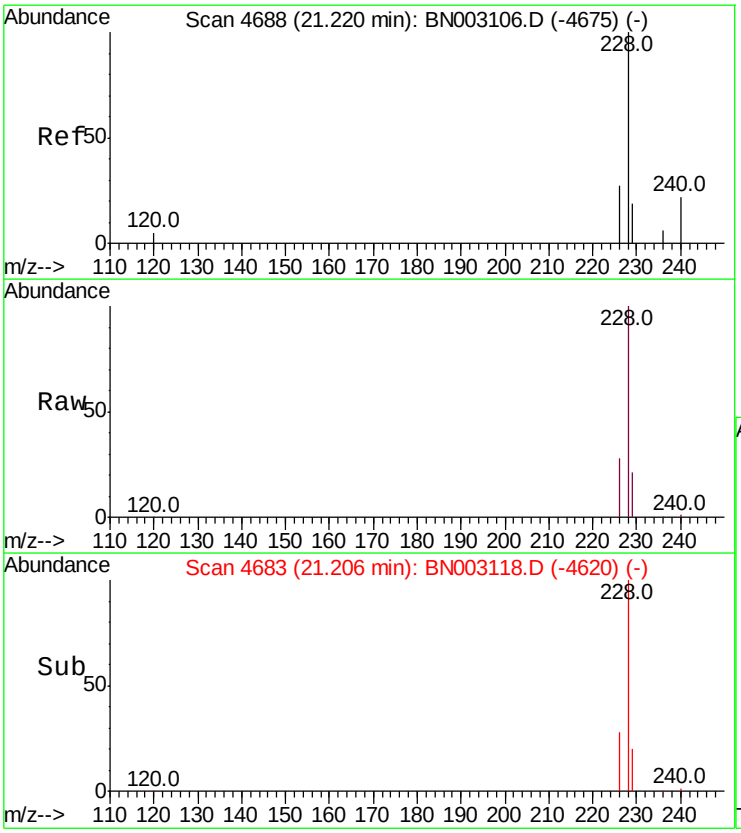
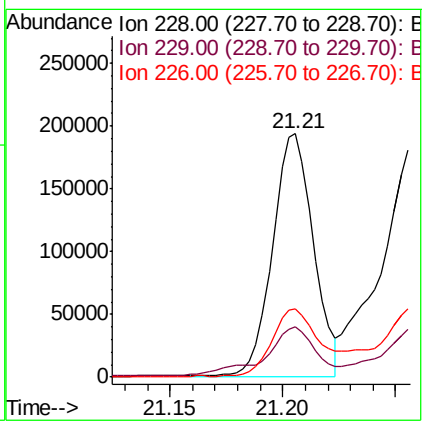
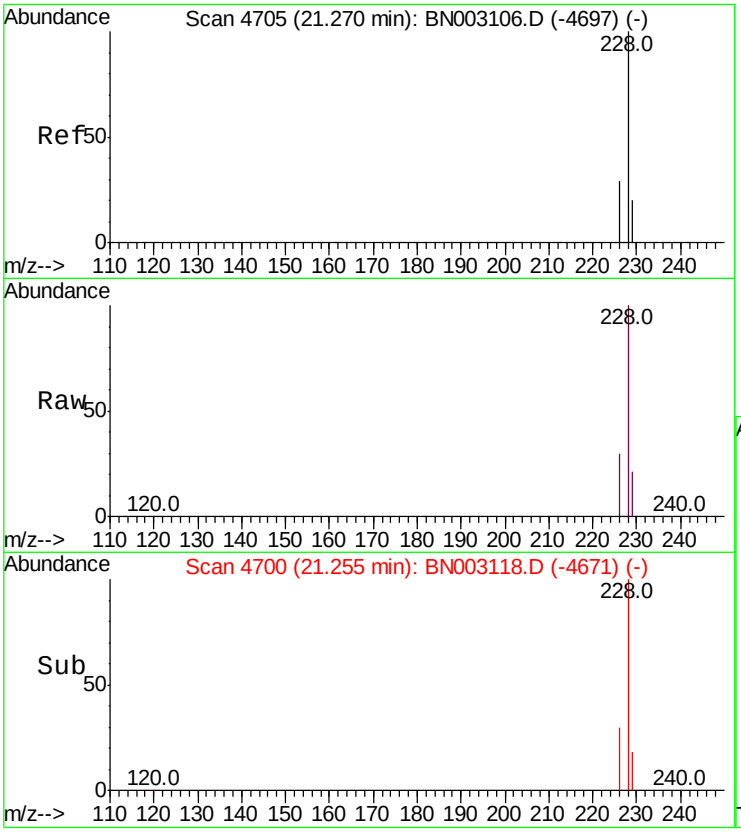


#18
Benzo(a)anthracene
Concen: 11.157 ng/ul m
RT: 21.21 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:228 Resp: 242737

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.2	24.2
226	28.1	22.3	33.5

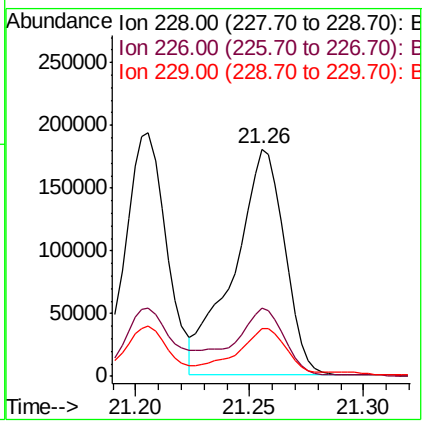




#19
Chrysene
Concen: 12.653 ng/ul m
RT: 21.26 min Scan# 4700
Delta R.T. -0.01 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:228 Resp: 279528

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	20.9	16.7	25.1



Instrument :
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ClientSampleId :
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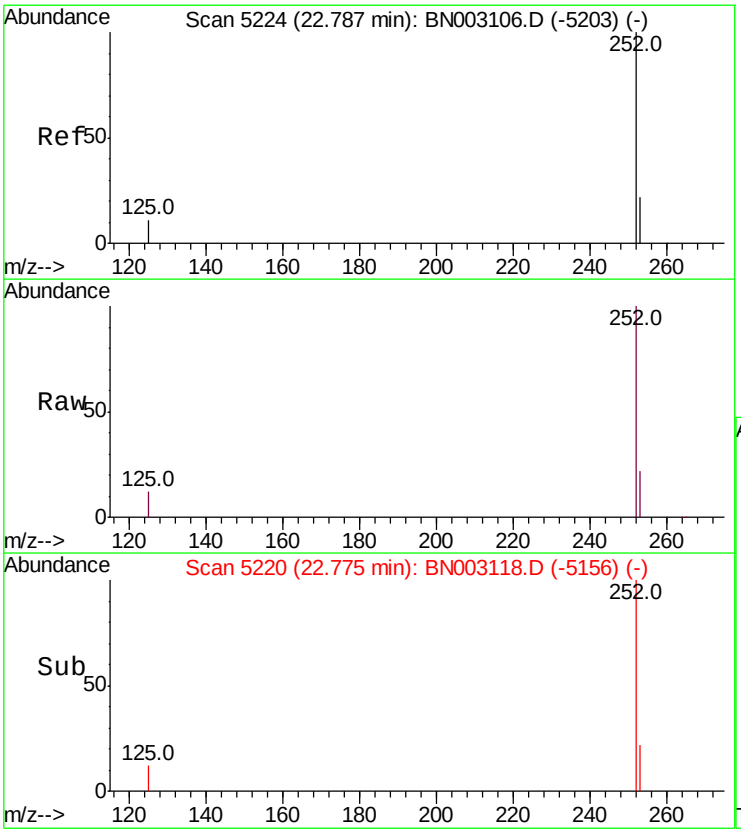
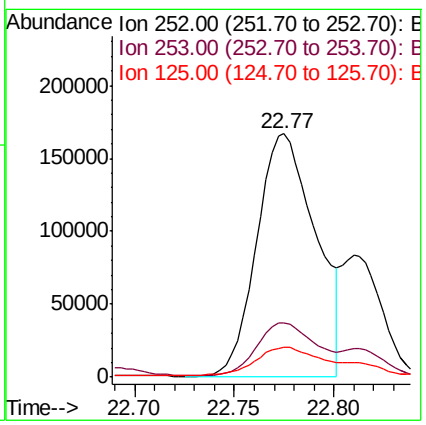
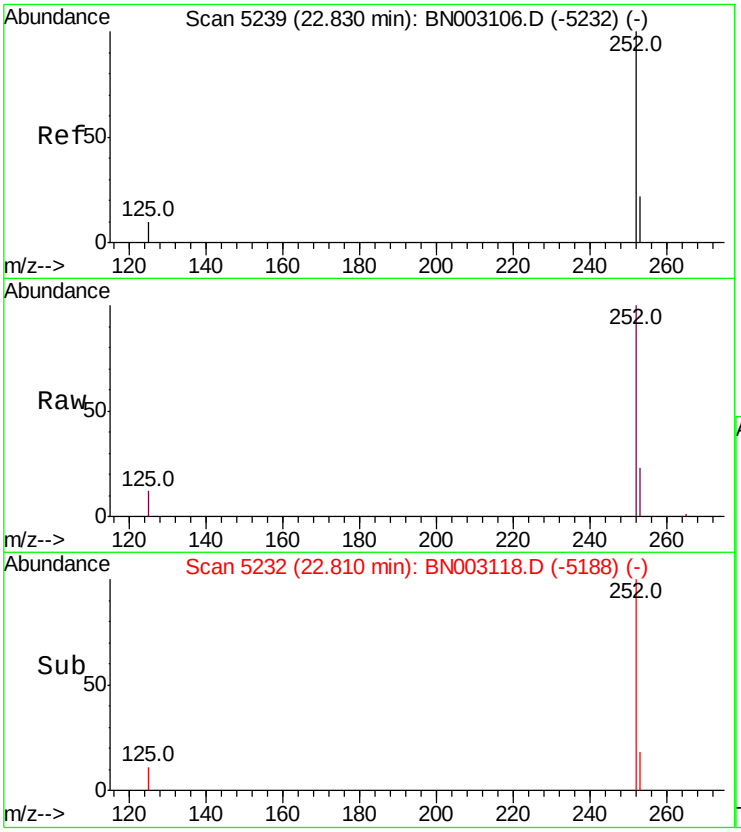


#21
Benzo(b)fluoranthene
Concen: 17.118 ng/ul m
RT: 22.77 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:252 Resp: 344552

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	53.2
125	12.3	0.0	34.2

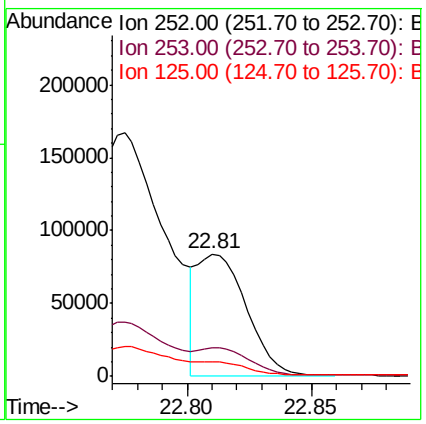




#22
Benzo(k)fluoranthene
Concen: 5.557 ng/ul m
RT: 22.81 min Scan# 5232
Delta R.T. -0.02 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:252 Resp: 115945

Ion	Ratio	Lower	Upper
252	100		
253	23.2	21.3	31.9
125	12.4	14.1	21.1#



Instrument :
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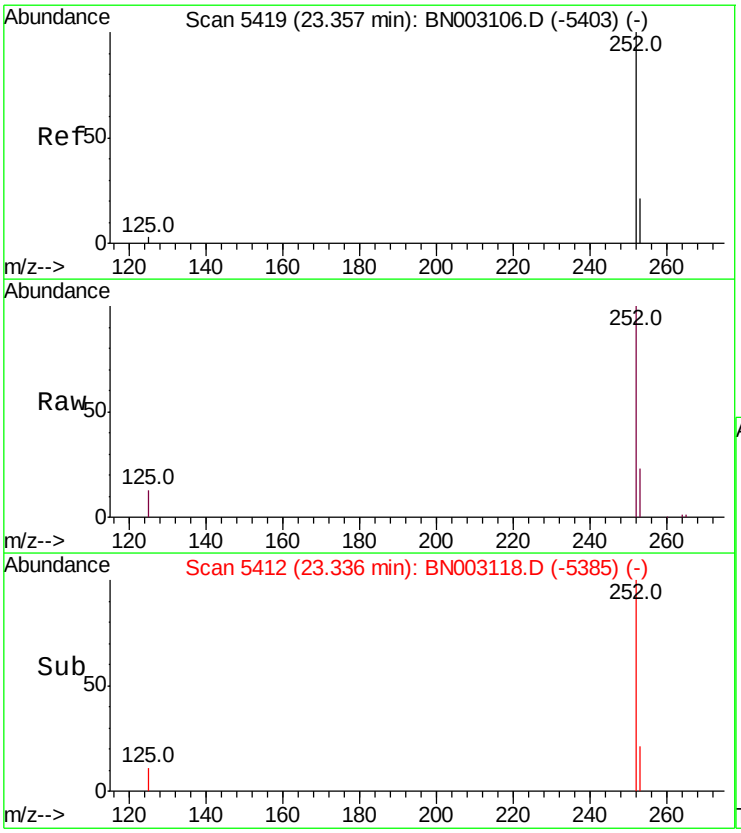
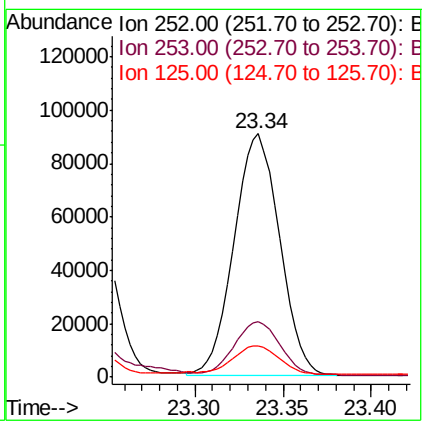
10/12/2018 6:38:27 PM

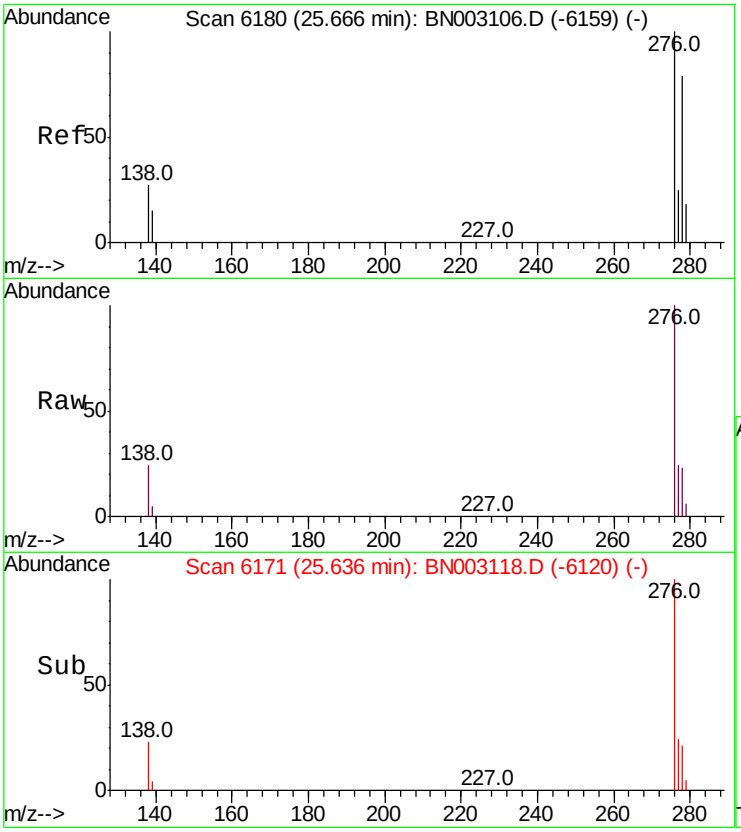


#23
Benzo(a)pyrene
Concen: 8.882 ng/ul m
RT: 23.34 min Scan# 5412
Delta R.T. -0.02 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:252 Resp: 160229

Ion	Ratio	Lower	Upper
252	100		
253	22.7	23.1	34.7#
125	13.0	16.9	25.3#





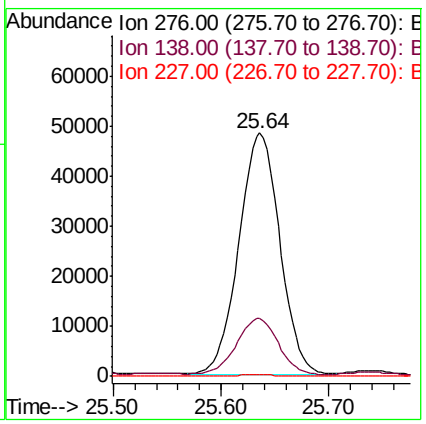
#24
Indeno(1,2,3-cd)pyrene
Concen: 6.147 ng/ul m
RT: 25.64 min Scan# 6171
Delta R.T. -0.03 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

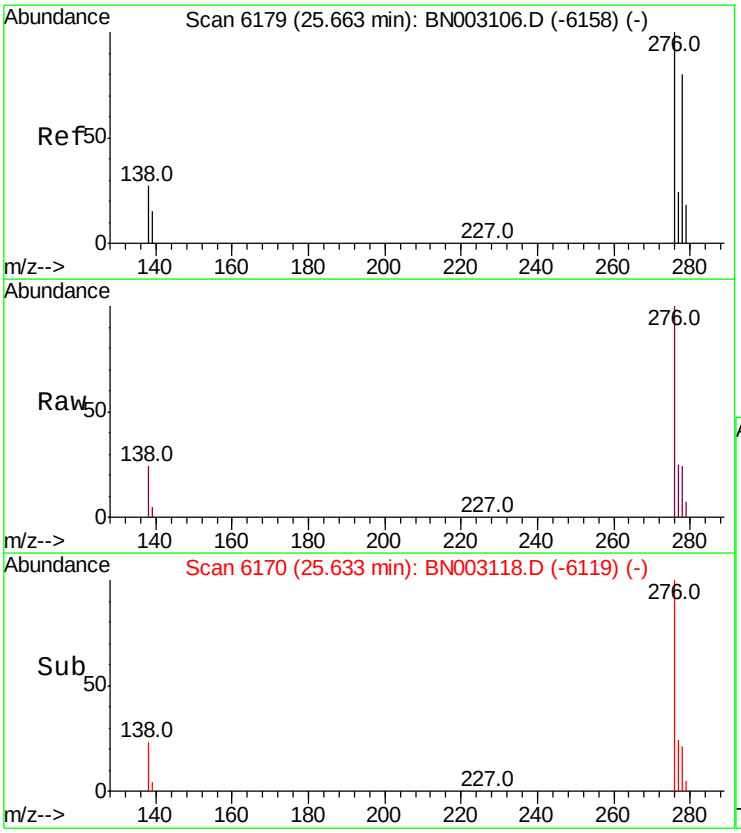
Tgt Ion:276 Resp: 127427

Ion	Ratio	Lower	Upper
276	100		
138	4.1	21.5	32.3#
227	0.0	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A3Z07

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:27 PM

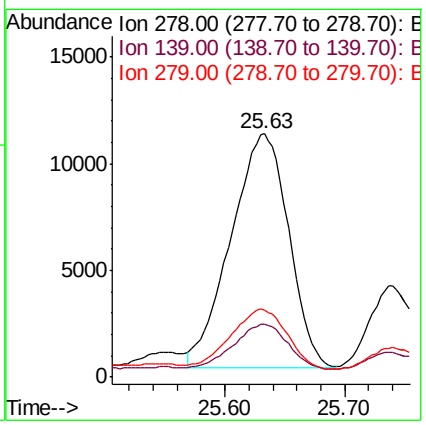


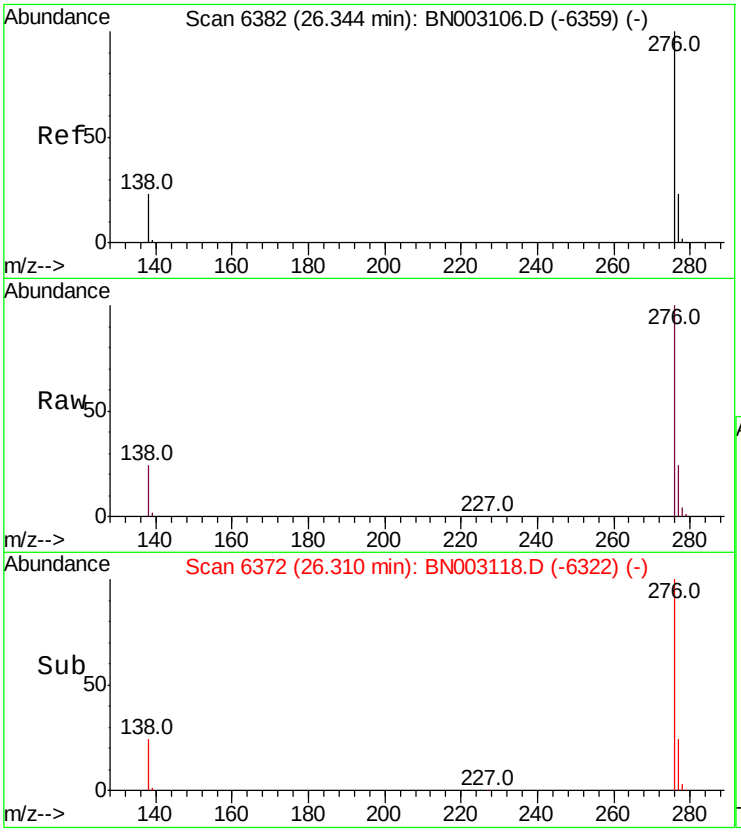


#25
Dibenzo(a,h)anthracene
Concen: 2.208 ng/ul m
RT: 25.63 min Scan# 6170
Delta R.T. -0.03 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:278 Resp: 36631

Ion	Ratio	Lower	Upper
278	100		
139	21.8	20.2	30.4
279	27.4	23.8	35.8

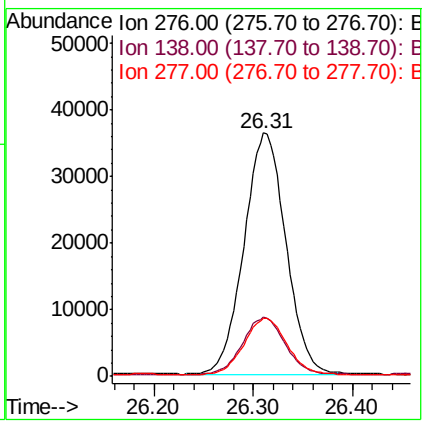




#26
Benzo(g,h,i)perylene
Concen: 6.065 ng/ul m
RT: 26.31 min Scan# 6372
Delta R.T. -0.03 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:276 Resp: 106010

Ion	Ratio	Lower	Upper
276	100		
138	24.4	23.0	34.4
277	24.0	22.0	33.0



Instrument :
BNA_N
ClientSampleId :
A3Z07

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:27 PM