Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003075.D
Acq On : 10 Oct 2018 21:41
Operator : MJ/SJ
Sample : J5157-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AE1

Manual Integrations APPROVED
Sohil
10/11/2018 5:45:41 PM

Quant Time: Oct 11 08:00:46 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 : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1834	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7536	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4241	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8389m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5461m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4973m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	3921	0.34	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	7552m	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	710	0.037	ng/ul#	80
7) Acenaphthylene	13.98	152	1841	0.095	ng/ul#	92
12) Phenanthrene	17.06	178	1173m	0.050	ng/ul	
13) Anthracene	17.15	178	3086m	0.140	ng/ul	
15) Fluoranthene	19.09	202	3880m	0.141	ng/ul	
17) Pyrene	19.45	202	7777m	0.367	ng/ul	
18) Benzo(a)anthracene	21.22	228	3779m	0.215	ng/ul	
19) Chrysene	21.27	228	8750	0.490	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	14443m	0.806	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	5641m	0.304	ng/ul	
23) Benzo(a)pyrene	23.33	252	9761	0.608	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.66	276	5787	0.314	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.66	278	1844	0.125	ng/ul#	80
26) Benzo(g,h,i)perylene	26.34	276	5549	0.357	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
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Acq On : 10 Oct 2018 21:41
Operator : MJ/SJ
Sample : J5157-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 11 08:00:46 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 : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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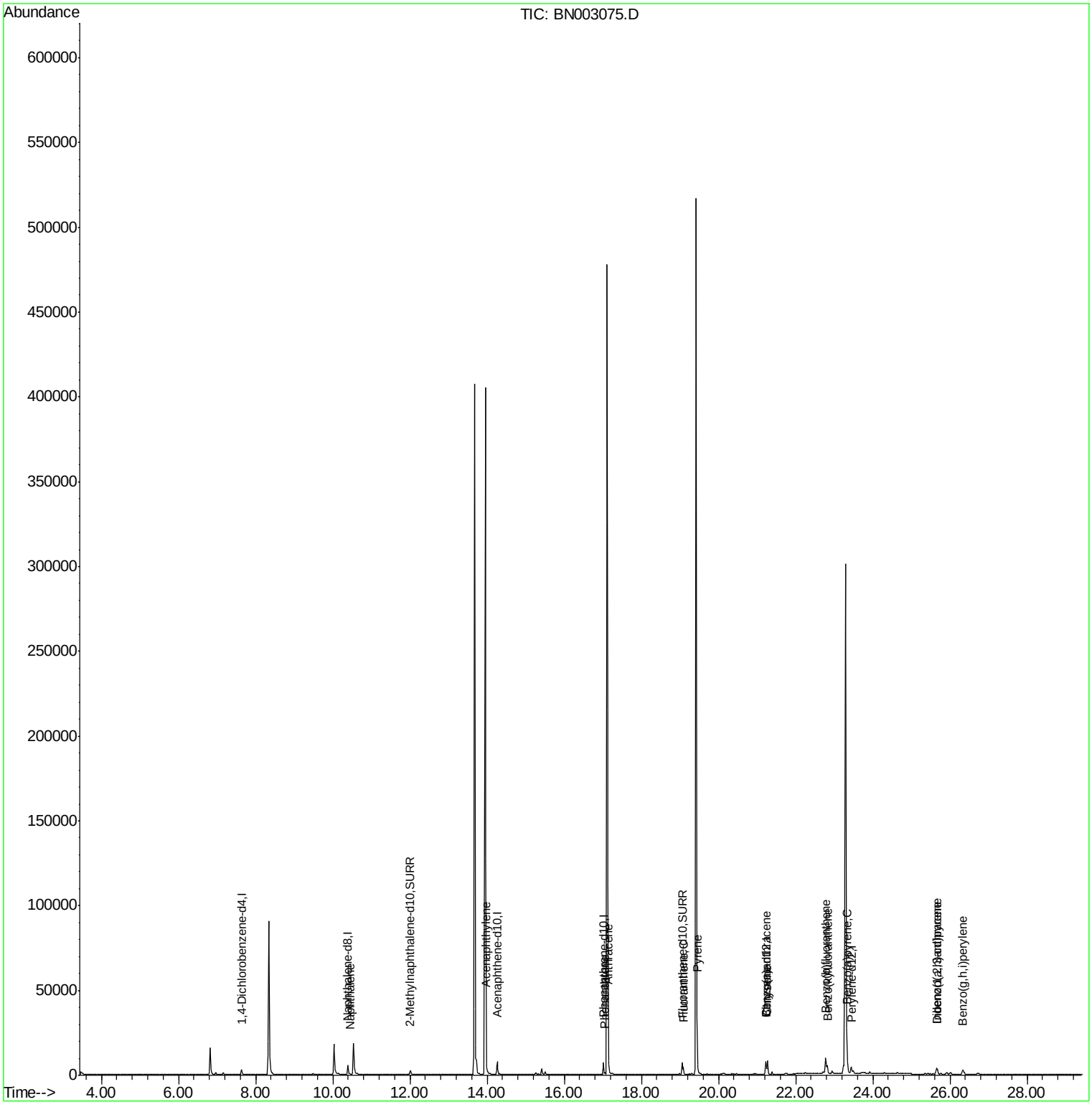

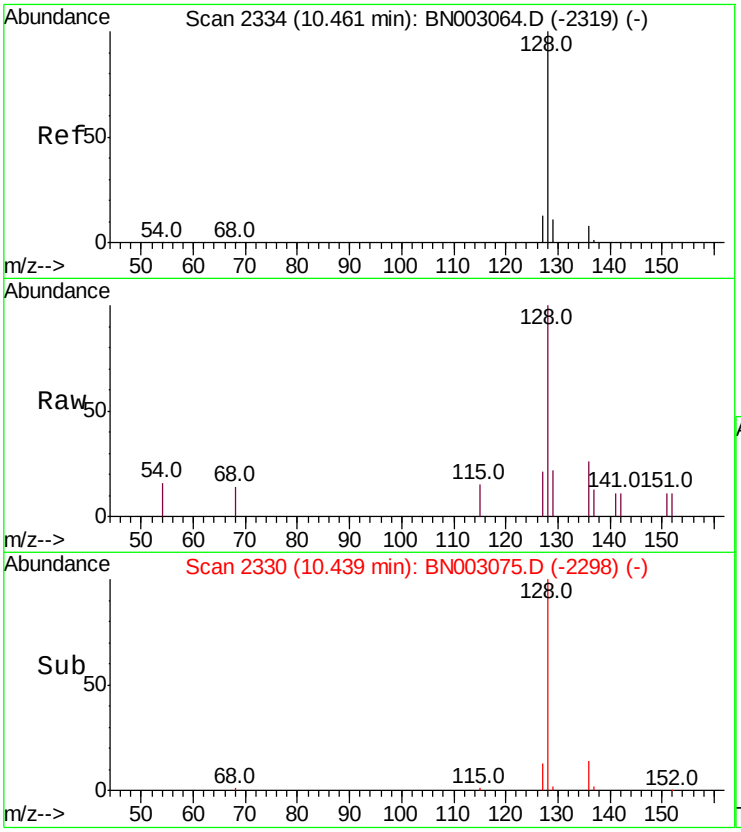

#3
Naphthalene
Concen: 0.037 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN003075.D
Acq: 10 Oct 2018 21:41

Tgt Ion:128 Resp: 710

Ion	Ratio	Lower	Upper
128	100		
129	22.1	10.4	15.6#
127	21.4	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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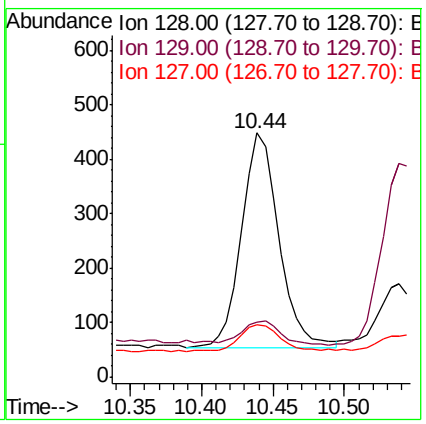
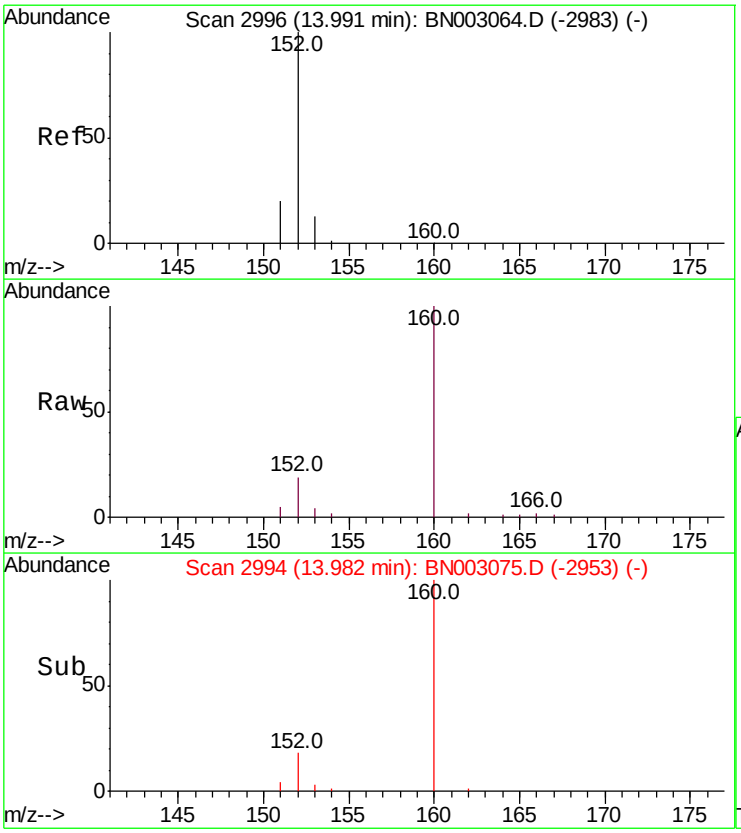
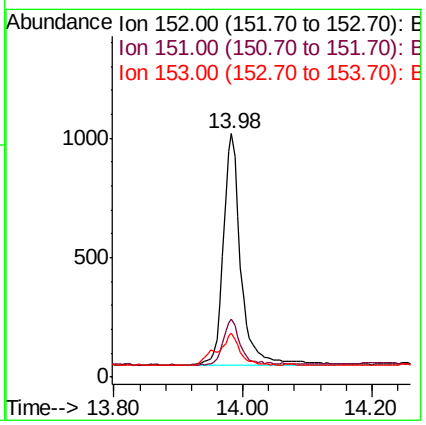


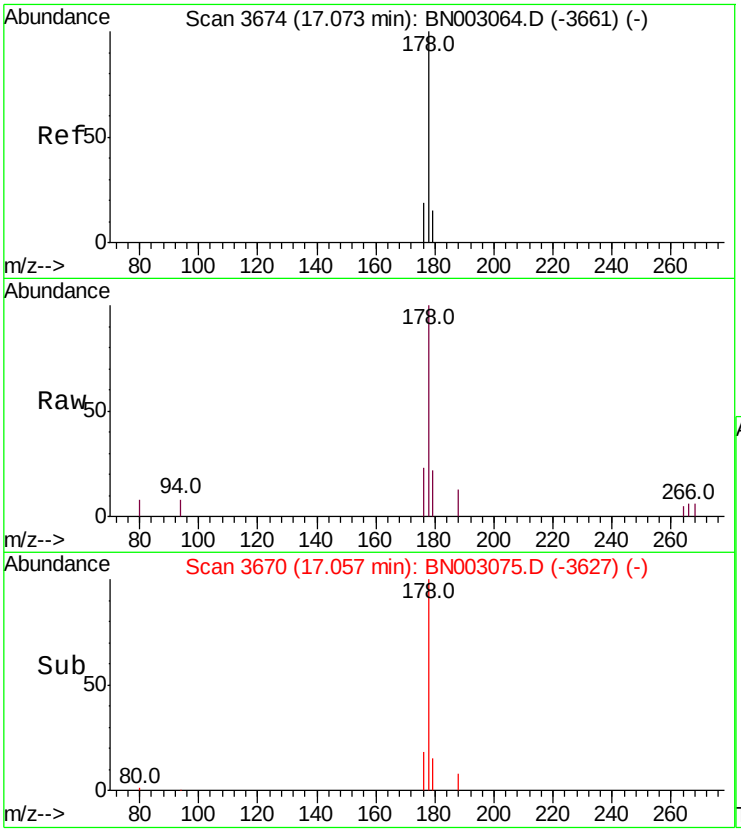


#7
Acenaphthylene
Concen: 0.095 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.01 min
Lab File: BN003075.D
Acq: 10 Oct 2018 21:41

Tgt Ion:152 Resp: 1841

Ion	Ratio	Lower	Upper
152	100		
151	24.0	16.5	24.7
153	18.3	11.4	17.2#

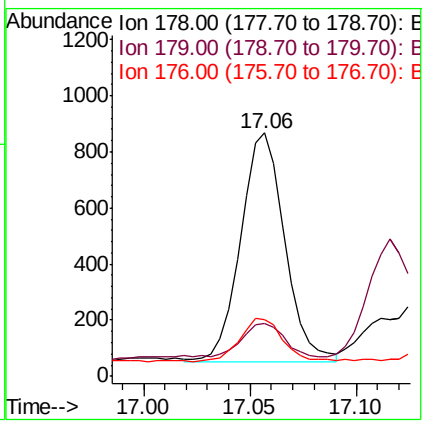




#12
Phenanthrene
Concen: 0.050 ng/ul m
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003075.D
Acq: 10 Oct 2018 21:41

Tgt Ion:178 Resp: 1173

Ion	Ratio	Lower	Upper
178	100		
179	21.9	12.9	19.3#
176	23.0	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
C0AE1

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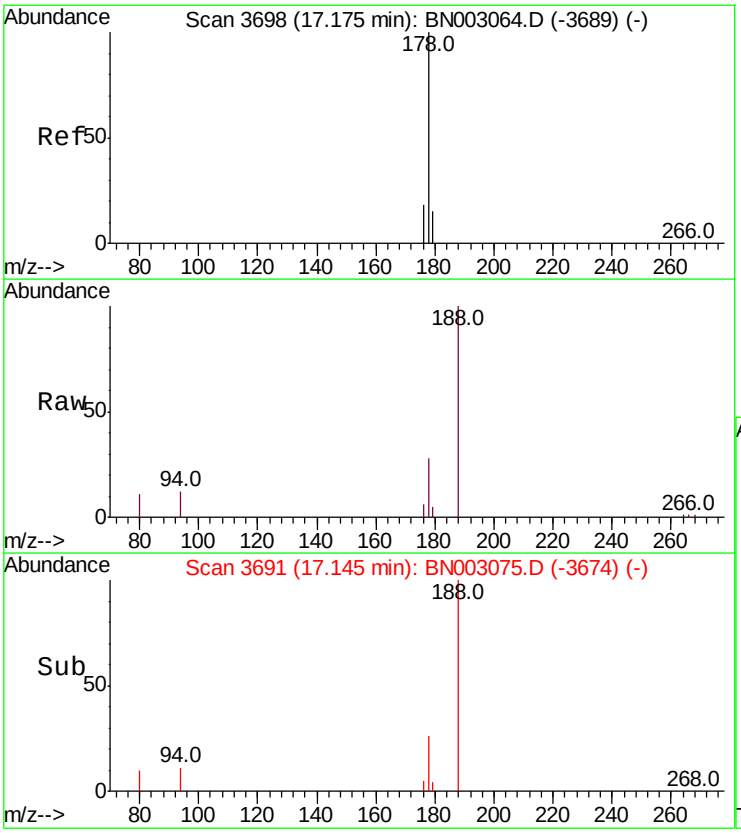
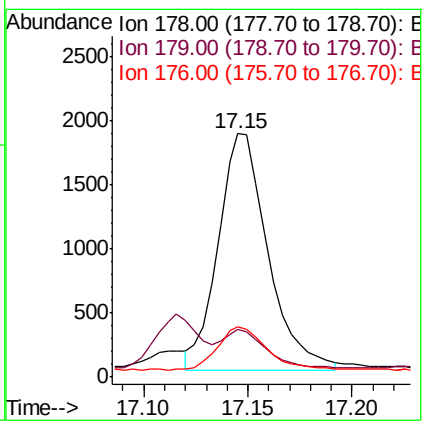
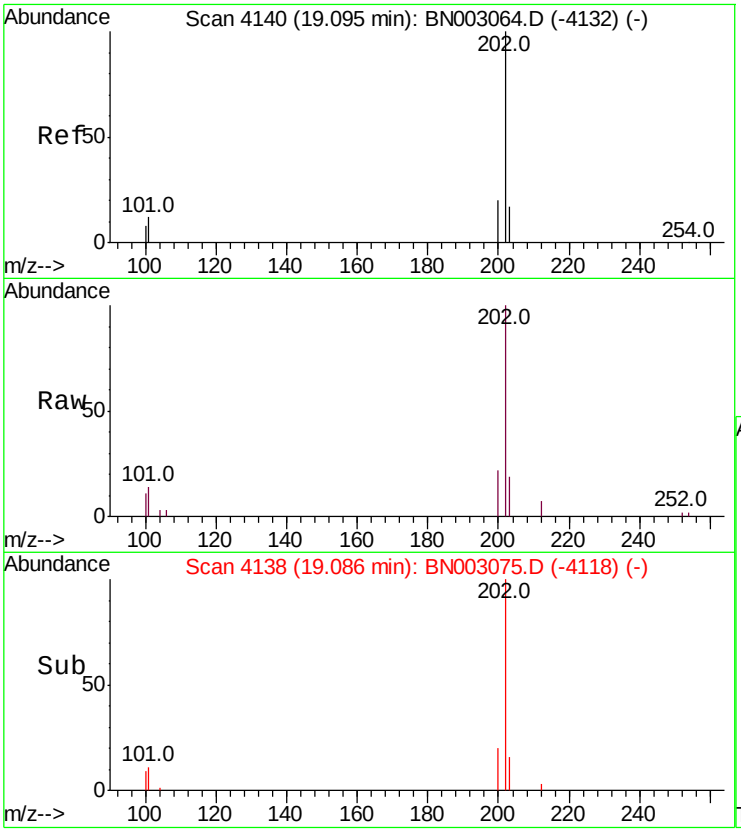


#13
Anthracene
Concen: 0.140 ng/ul m
RT: 17.15 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BN003075.D
Acq: 10 Oct 2018 21:41

Tgt Ion:178 Resp: 3086

Ion	Ratio	Lower	Upper
178	100		
179	19.5	13.0	19.6
176	20.7	15.3	22.9

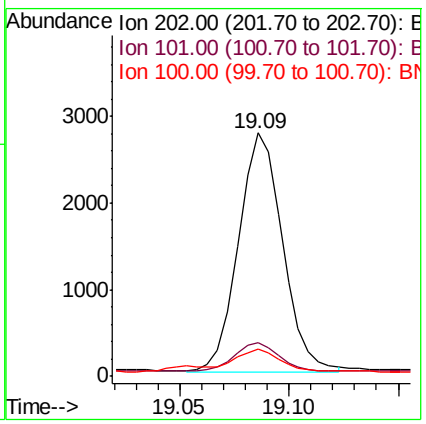




#15
Fluoranthene
Concen: 0.141 ng/ul m
RT: 19.09 min Scan# 4138
Delta R.T. -0.01 min
Lab File: BN003075.D
Acq: 10 Oct 2018 21:41

Tgt Ion:202 Resp: 3880

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	32.3
100	11.1	0.0	29.1



Instrument :
BNA_N
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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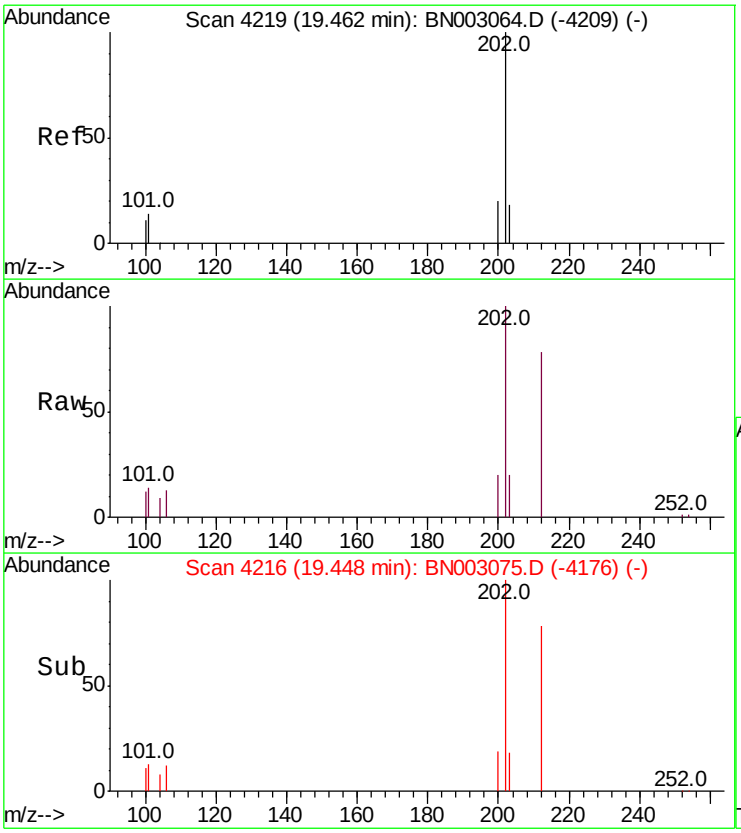
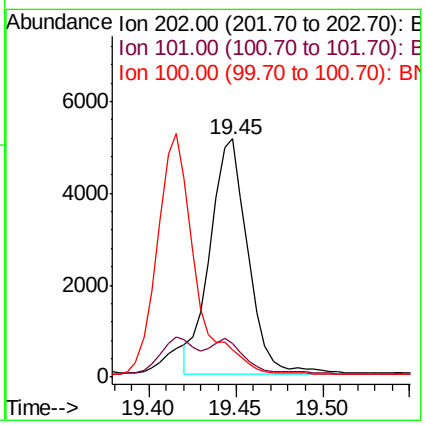
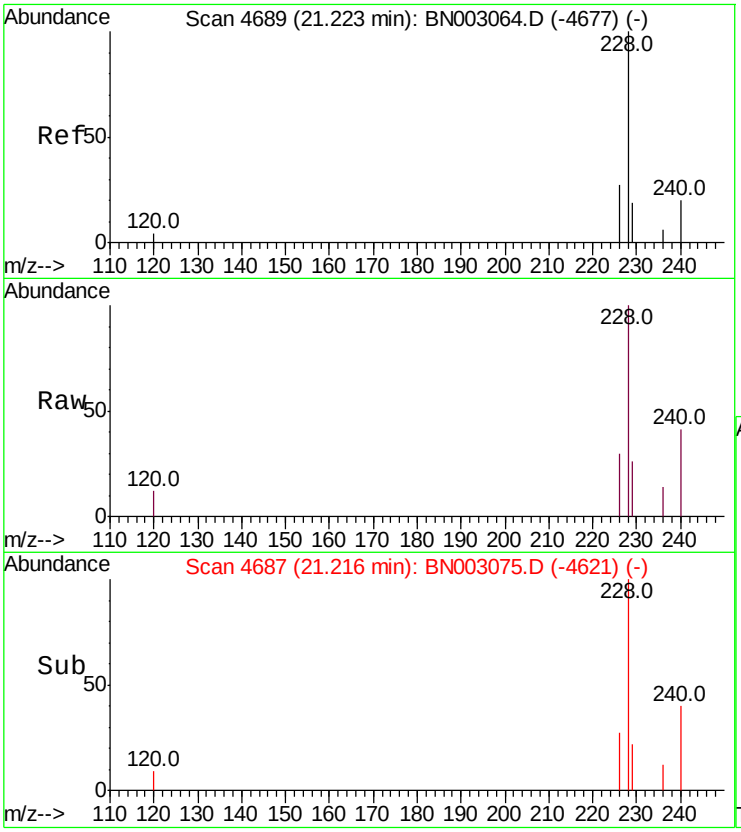


#17
Pyrene
Concen: 0.367 ng/ul m
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003075.D
Acq: 10 Oct 2018 21:41

Tgt Ion:202 Resp: 7777

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.9	17.9
100	11.7	9.9	14.9

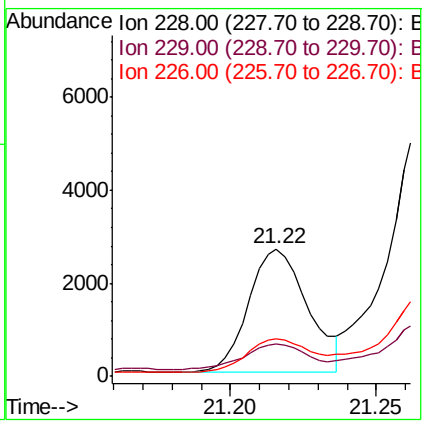




#18
Benzo(a)anthracene
Concen: 0.215 ng/ul m
RT: 21.22 min Scan# 4687
Delta R.T. -0.01 min
Lab File: BN003075.D
Acq: 10 Oct 2018 21:41

Tgt Ion:228 Resp: 3779

Ion	Ratio	Lower	Upper
228	100		
229	25.7	16.2	24.2#
226	29.8	22.3	33.5



Instrument :
BNA_N
ClientSampleId :
C0AE1

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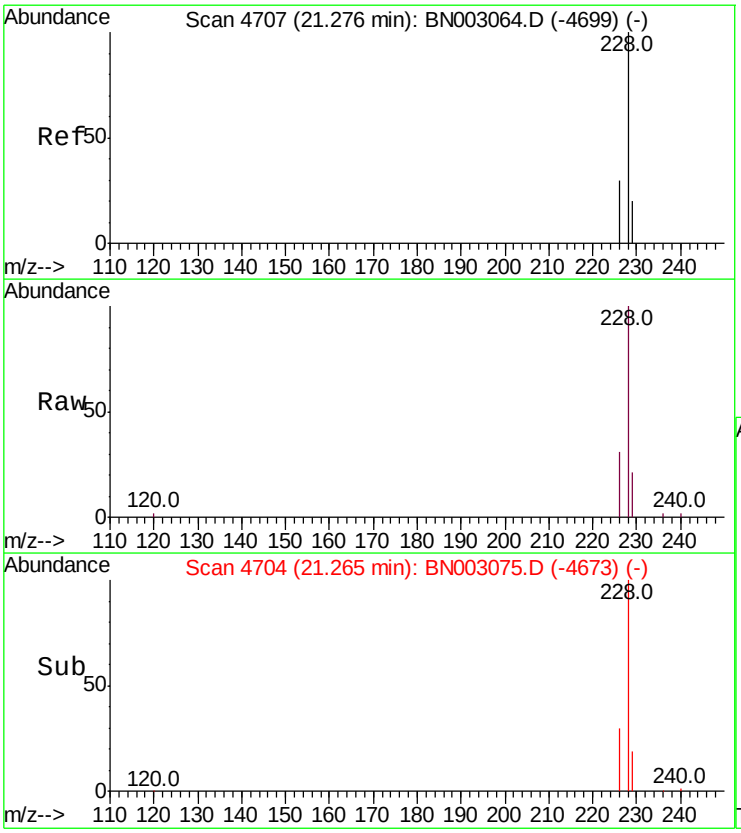
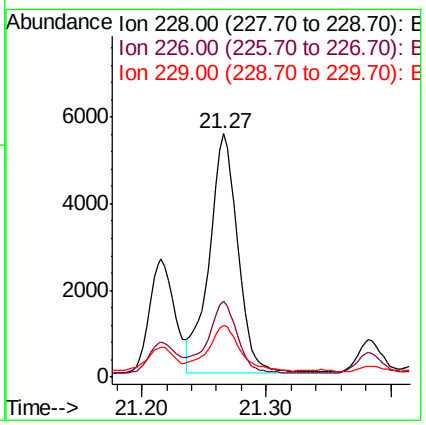
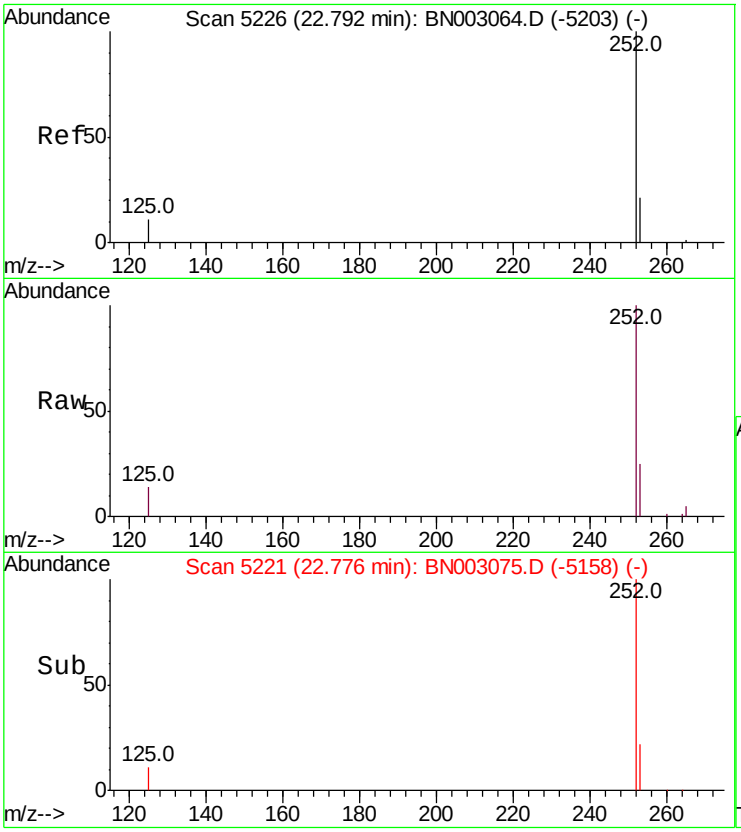


#19
Chrysene
Concen: 0.490 ng/ul
RT: 21.27 min Scan# 4704
Delta R.T. -0.01 min
Lab File: BN003075.D
Acq: 10 Oct 2018 21:41

Tgt Ion:228 Resp: 8750

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.4
229	21.4	16.7	25.1

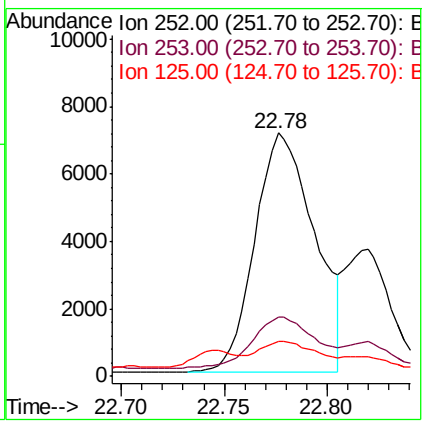




#21
Benzo(b)fluoranthene
Concen: 0.806 ng/ul m
RT: 22.78 min Scan# 5221
Delta R.T. -0.02 min
Lab File: BN003075.D
Acq: 10 Oct 2018 21:41

Tgt Ion:252 Resp: 14443

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	53.2
125	14.1	0.0	34.2



Instrument :
BNA_N
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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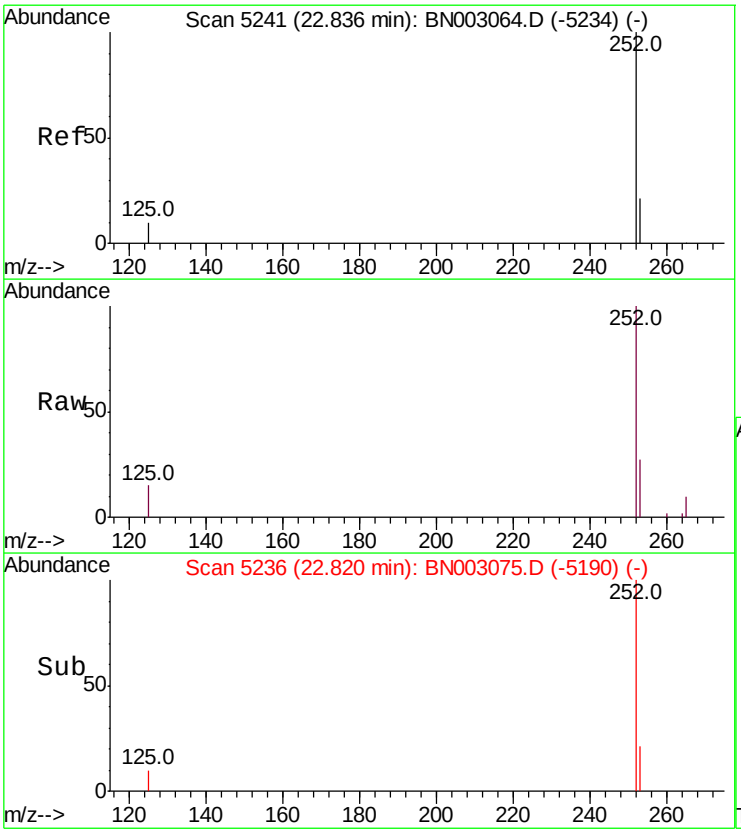
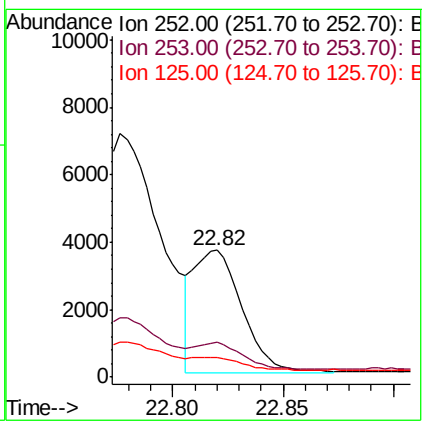
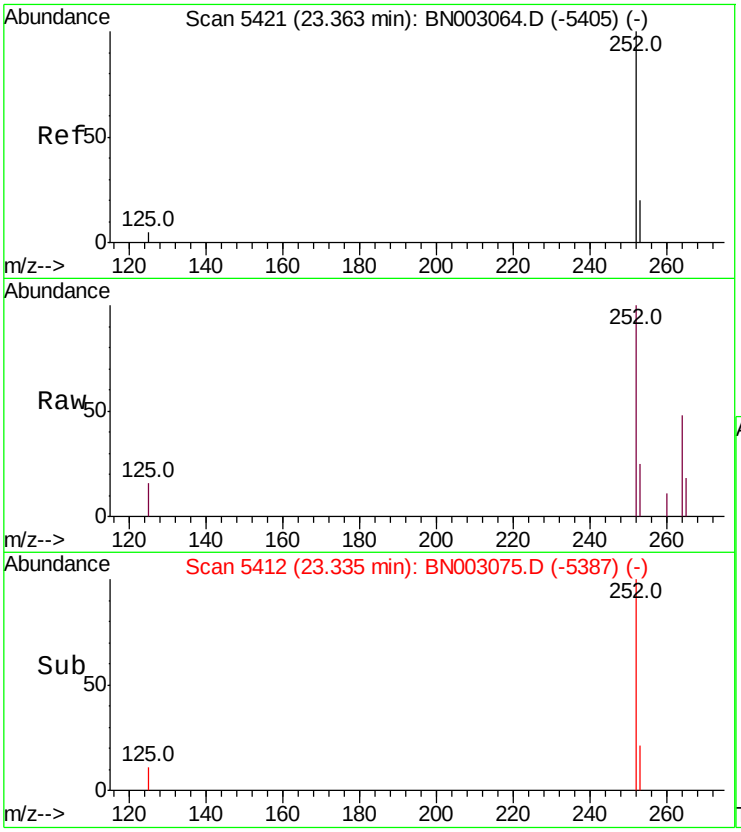


#22
Benzo(k)fluoranthene
Concen: 0.304 ng/ul m
RT: 22.82 min Scan# 5236
Delta R.T. -0.02 min
Lab File: BN003075.D
Acq: 10 Oct 2018 21:41

Tgt Ion:252 Resp: 5641

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.3	31.9
125	15.5	14.1	21.1





#23
Benzo(a)pyrene
Concen: 0.608 ng/ul
RT: 23.33 min Scan# 5412
Delta R.T. -0.03 min
Lab File: BN003075.D
Acq: 10 Oct 2018 21:41

Tgt Ion:252 Resp: 9761

Ion	Ratio	Lower	Upper
252	100		
253	25.3	23.1	34.7
125	16.2	16.9	25.3#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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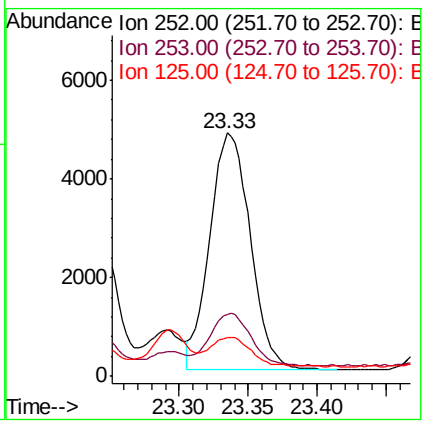
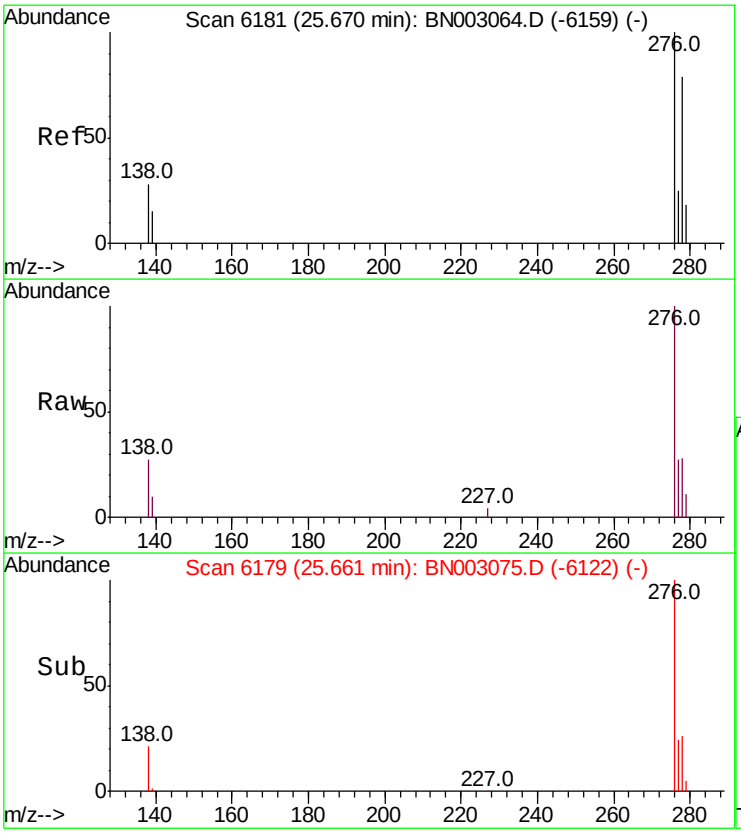
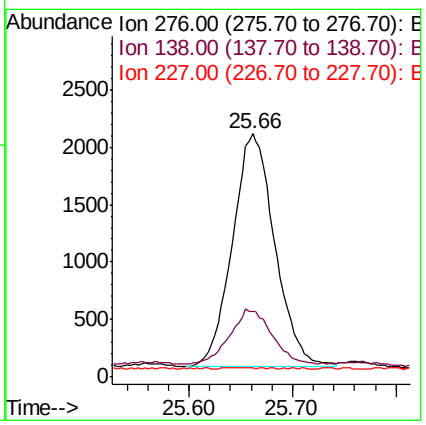


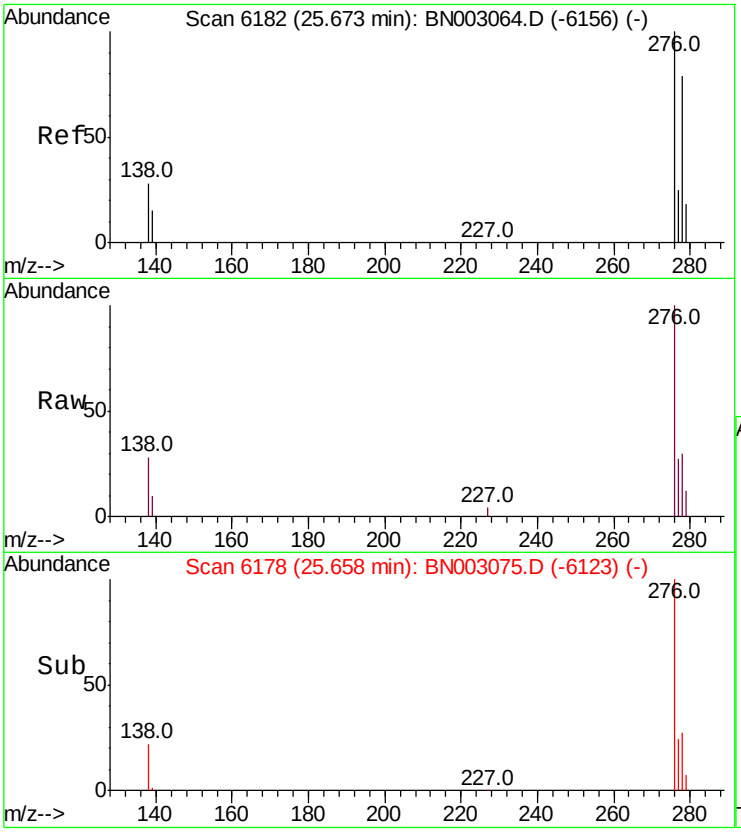


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng/ul
RT: 25.66 min Scan# 6179
Delta R.T. -0.01 min
Lab File: BN003075.D
Acq: 10 Oct 2018 21:41

Tgt Ion:276 Resp: 5787

Ion	Ratio	Lower	Upper
276	100		
138	24.4	21.5	32.3
227	0.1	0.3	0.5#





#25
Dibenzo(a,h)anthracene
Concen: 0.125 ng/ul
RT: 25.66 min Scan# 6178
Delta R.T. -0.02 min
Lab File: BN003075.D
Acq: 10 Oct 2018 21:41

Tgt Ion:278 Resp: 1844

Ion	Ratio	Lower	Upper
278	100		
139	35.1	20.2	30.4#
279	40.6	23.8	35.8#

Instrument :
BNA_N
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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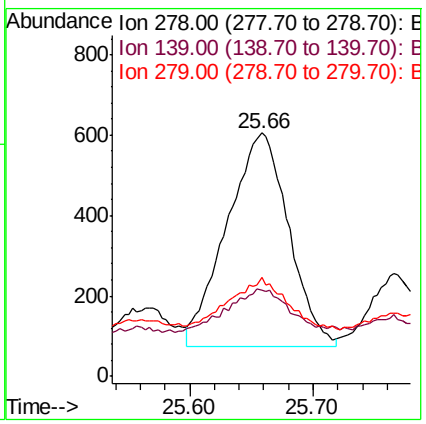

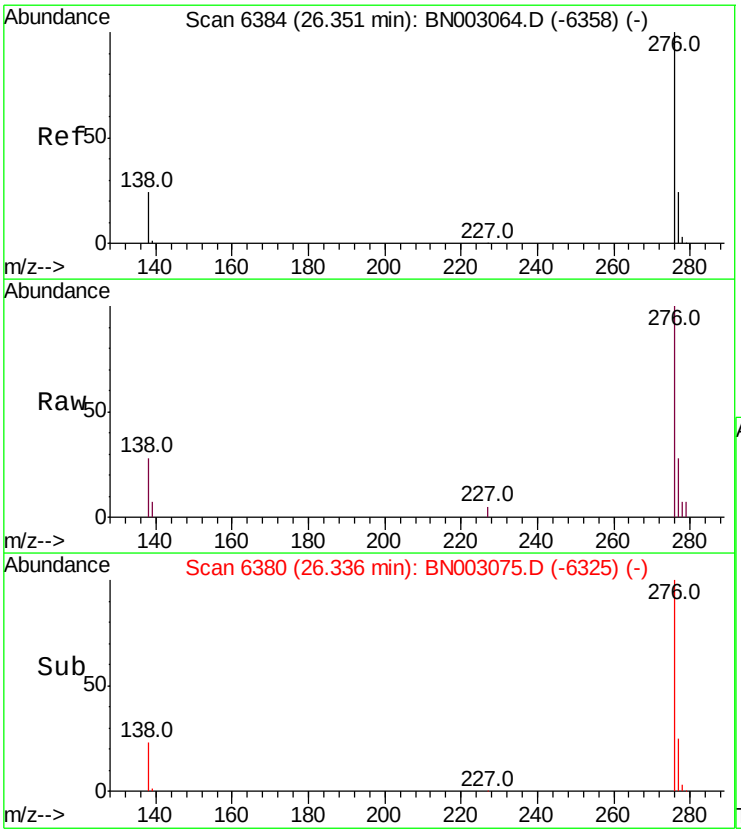

#26
Benzo(g,h,i)perylene
Concen: 0.357 ng/ul
RT: 26.34 min Scan# 6380
Delta R.T. -0.02 min
Lab File: BN003075.D
Acq: 10 Oct 2018 21:41

Tgt Ion:276 Resp: 5549

Ion	Ratio	Lower	Upper
276	100		
138	28.1	23.0	34.4
277	27.9	22.0	33.0