Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101318\
Data File : BN003161.D
Acq On : 13 Oct 2018 04:18
Operator : MJ/SJ
Sample : J5368-06DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z47DL

Manual Integrations APPROVED
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Quant Time: Oct 13 06:41:59 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 : Sat Oct 13 05:59:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1236	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.41	136	5358	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	3253	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	7474	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	6614	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5837	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	195	0.02	ng/ul	0.03
14) Fluoranthene-d10	19.06	212	511	0.02	ng/ul	-0.01
Target Compounds						Qvalue
7) Acenaphthylene	13.99	152	351	0.024	ng/ul#	1
8) Acenaphthene	14.33	153	393	0.035	ng/ul#	90
9) Fluorene	15.33	166	441	0.034	ng/ul#	91
12) Phenanthrene	17.07	178	11968	0.574	ng/ul	100
13) Anthracene	17.17	178	3229	0.164	ng/ul#	91
15) Fluoranthene	19.09	202	25025	1.024	ng/ul	99
17) Pyrene	19.45	202	22972	0.894	ng/ul	97
18) Benzo(a)anthracene	21.21	228	15012	0.705	ng/ul	98
19) Chrysene	21.26	228	14280	0.661	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	23599m	1.123	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	8638m	0.396	ng/ul	
23) Benzo(a)pyrene	23.35	252	15324	0.813	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.66	276	11064	0.511	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.65	278	2740	0.158	ng/ul#	84
26) Benzo(g,h,i)perylene	26.34	276	9130	0.500	ng/ul	99

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 13 06:41:59 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 : Sat Oct 13 05:59:15 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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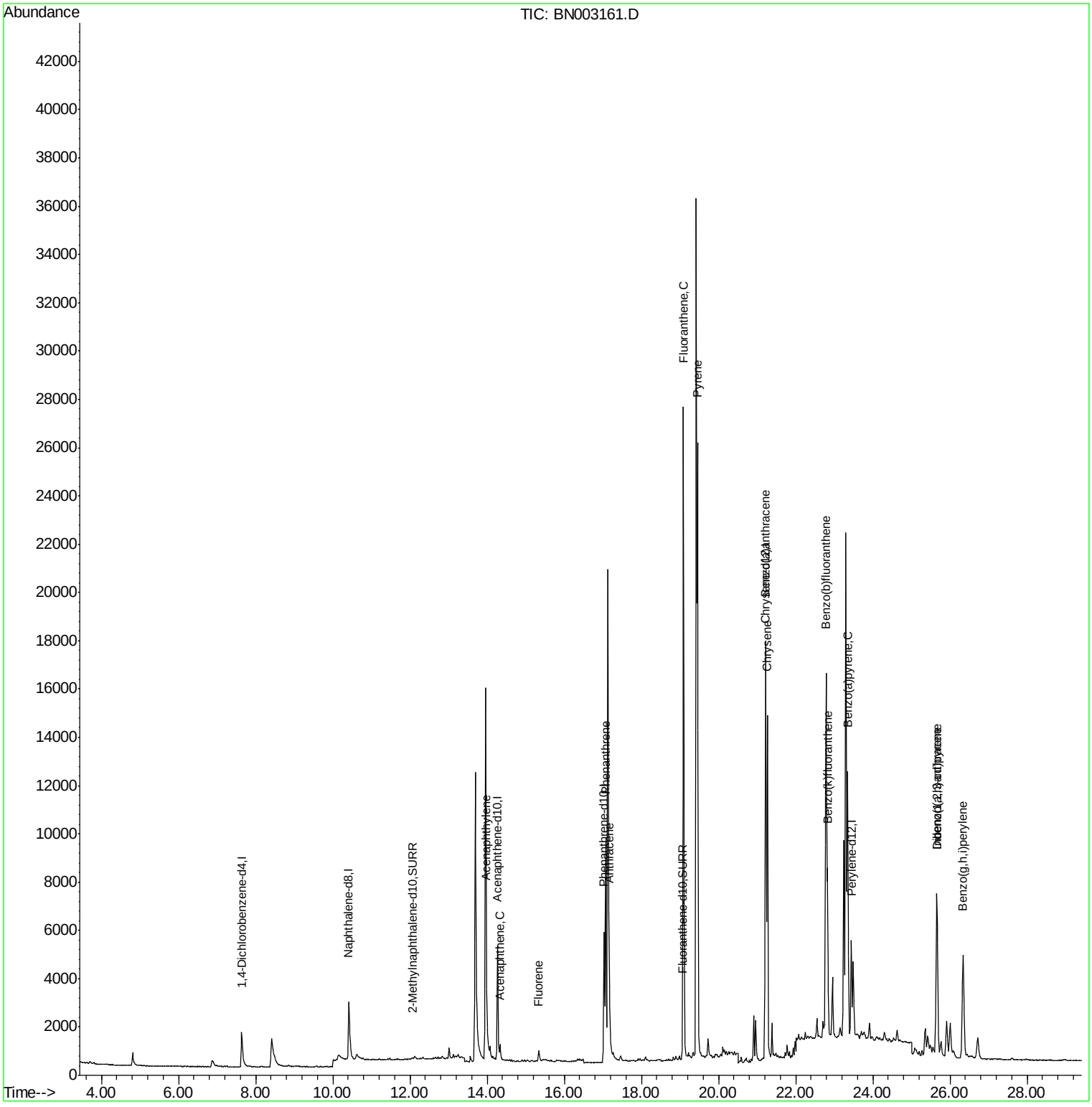
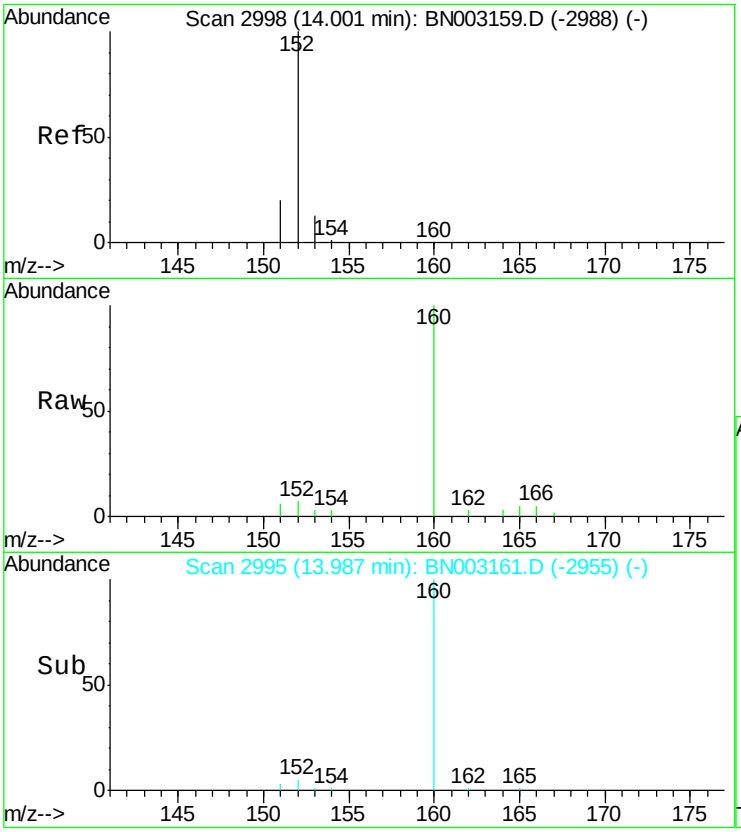
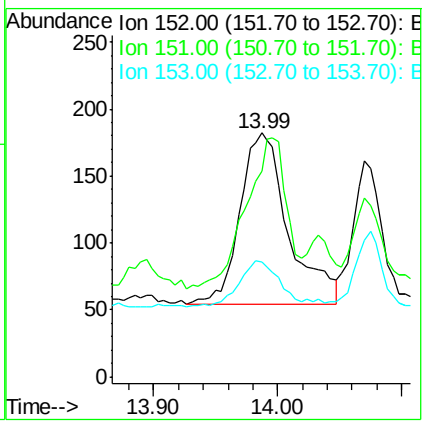




#7
Acenaphthylene
Concen: 0.024 ng/ul
RT: 13.99 min Scan# 2995
Delta R.T. -0.01 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:152 Resp: 351

Ion	Ratio	Lower	Upper
152	100		
151	84.6	16.5	24.7#
153	47.3	11.4	17.2#



Instrument :
BNA_N
ClientSampleId :
A3Z47DL

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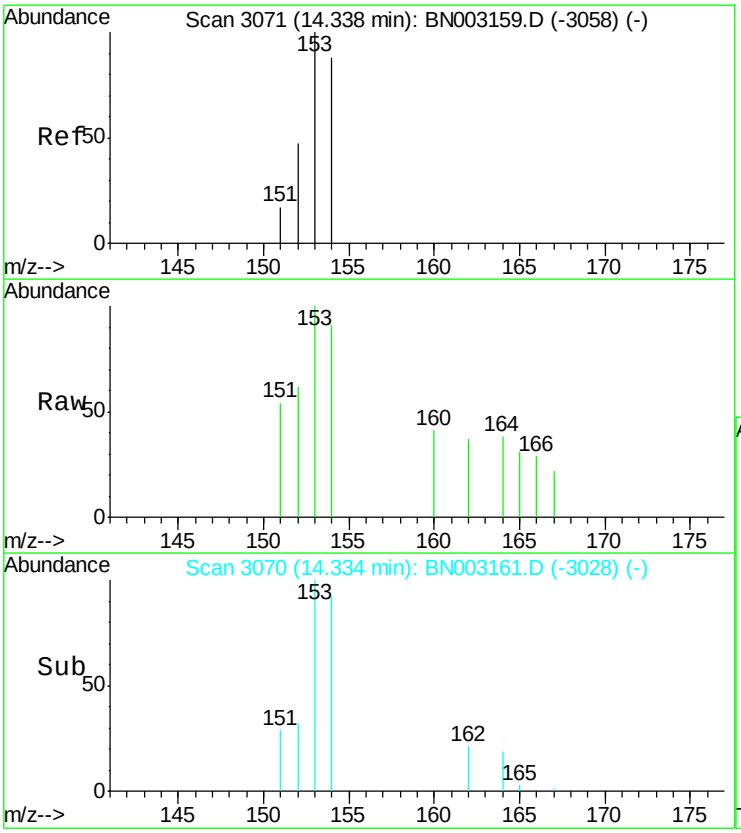
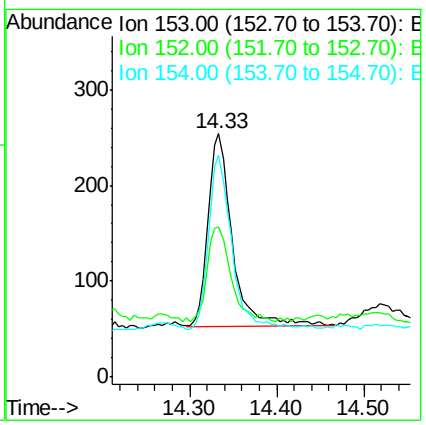
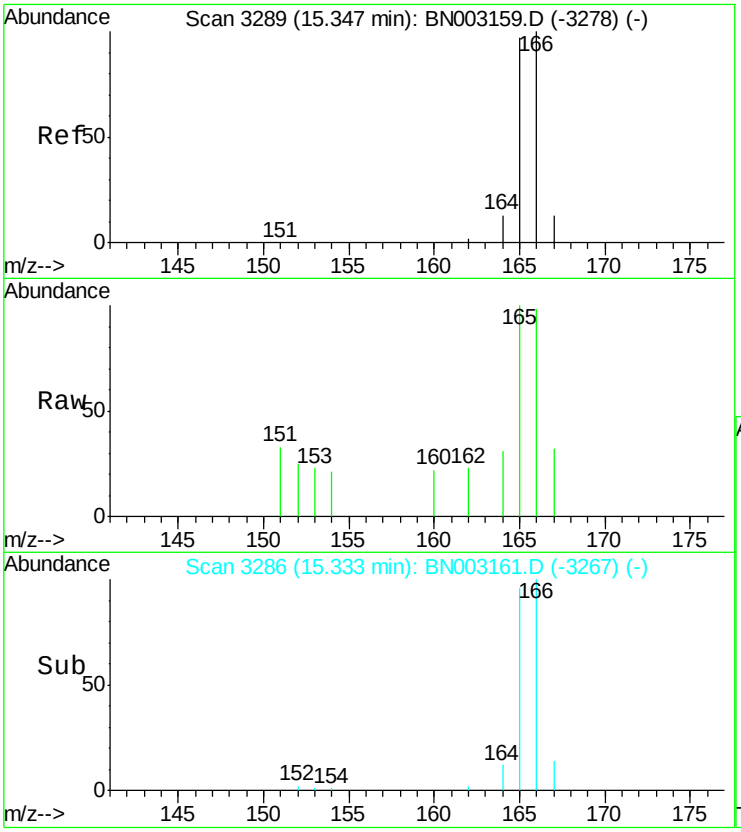


#8
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.33 min Scan# 3070
Delta R.T. -0.00 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:153 Resp: 393

Ion	Ratio	Lower	Upper
153	100		
152	61.8	38.2	57.4#
154	91.3	70.2	105.2

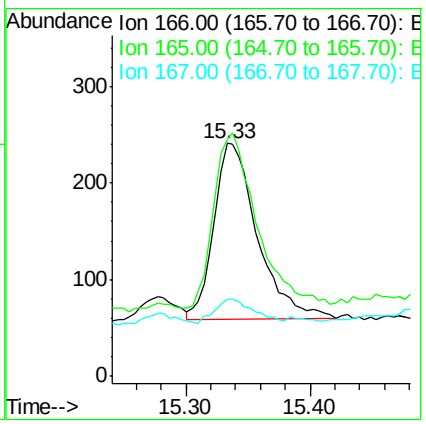




#9
Fluorene
Concen: 0.034 ng/ul
RT: 15.33 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:166 Resp: 441

Ion	Ratio	Lower	Upper
166	100		
165	102.1	78.5	117.7
167	32.8	11.6	17.4#



Instrument :
BNA_N
ClientSampleId :
A3Z47DL

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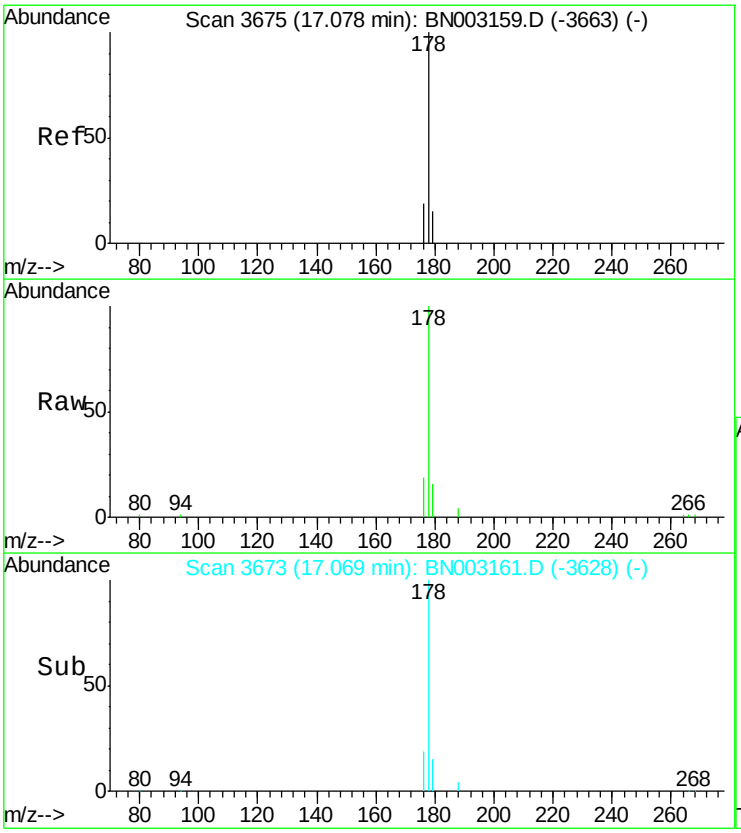
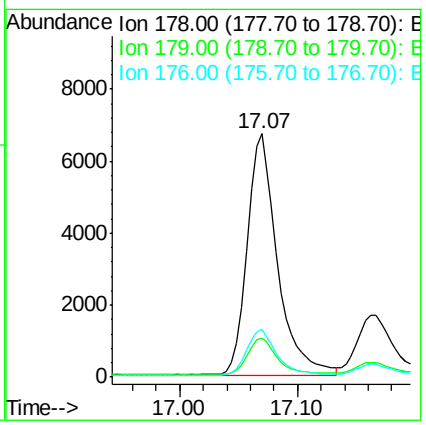
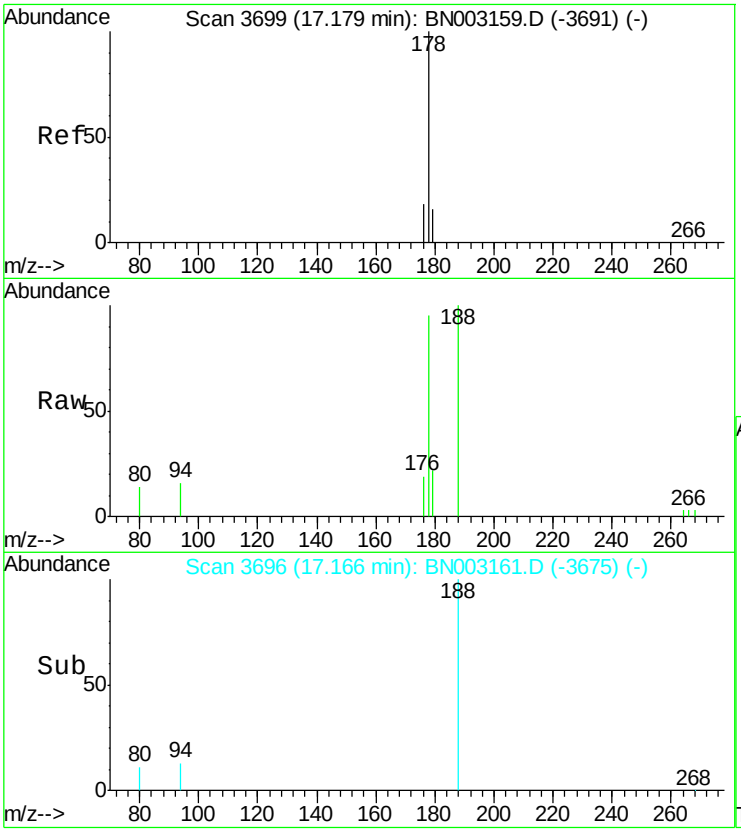


#12
Phenanthrene
Concen: 0.574 ng/ul
RT: 17.07 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:178 Resp: 11968

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	19.4	15.4	23.2

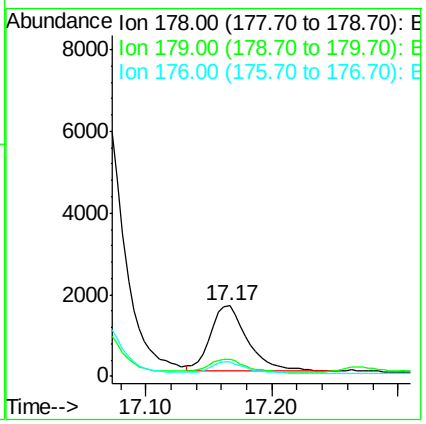




#13
Anthracene
Concen: 0.164 ng/ul
RT: 17.17 min Scan# 3696
Delta R.T. -0.01 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:178 Resp: 3229

Ion	Ratio	Lower	Upper
178	100		
179	23.5	13.0	19.6#
176	20.3	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A3Z47DL

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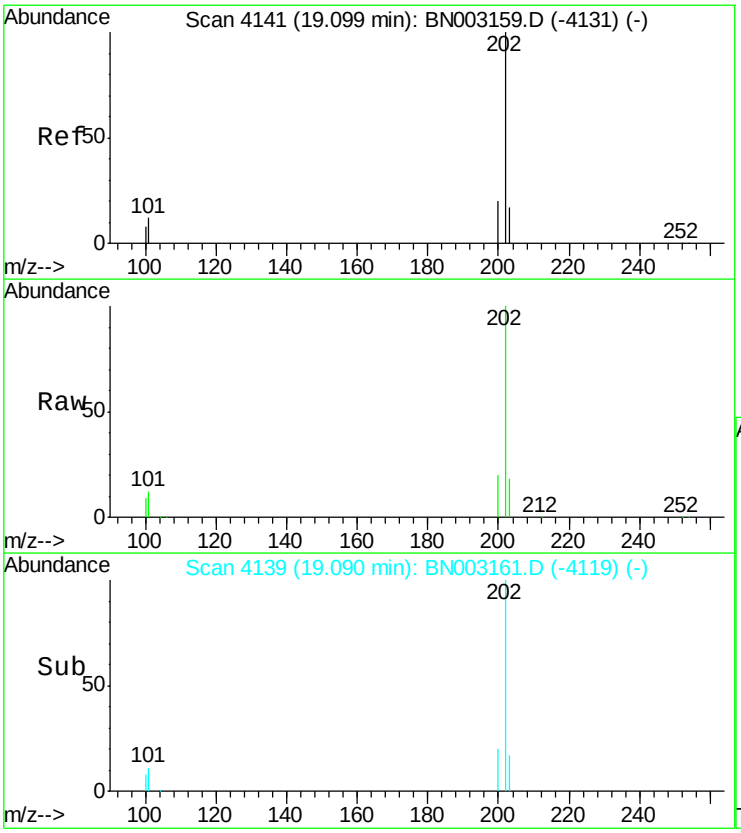
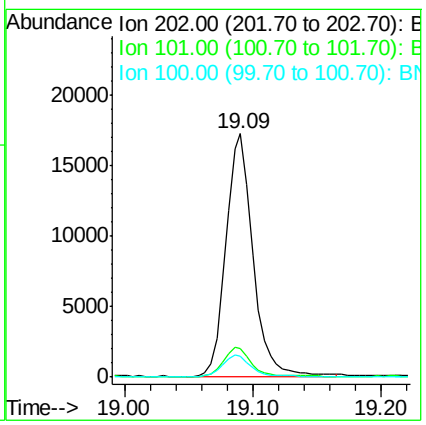
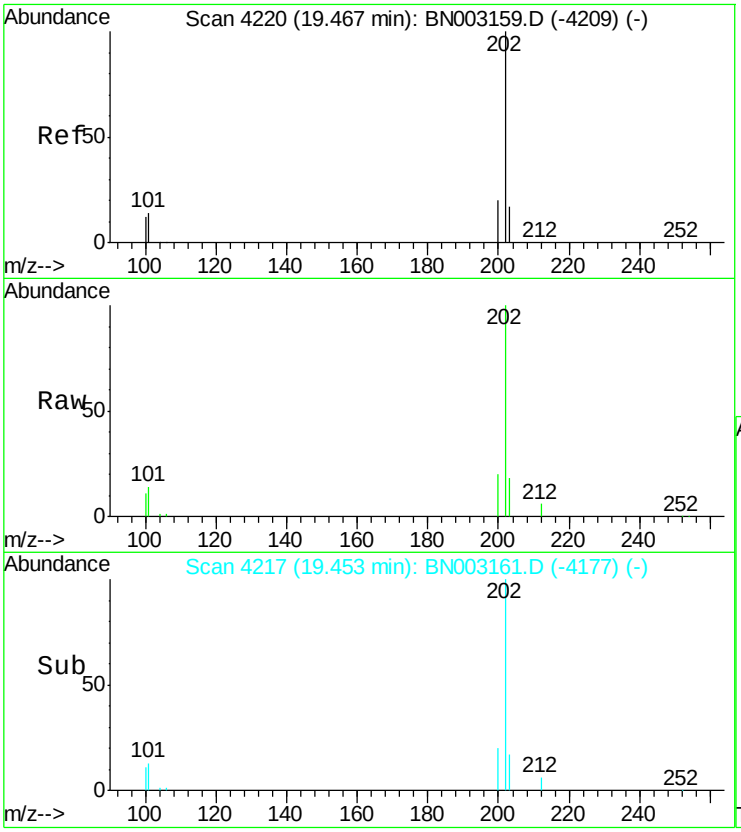


#15
Fluoranthene
Concen: 1.024 ng/ul
RT: 19.09 min Scan# 4139
Delta R.T. -0.01 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:202 Resp: 25025

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.3
100	8.7	0.0	29.1

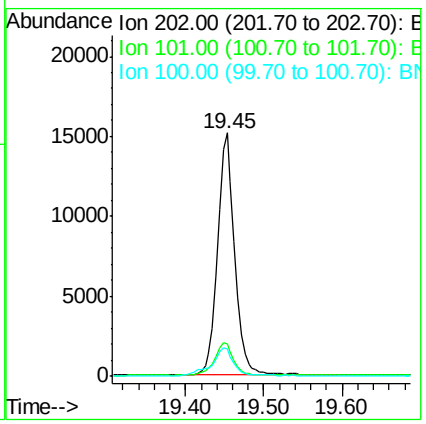




#17
Pyrene
Concen: 0.894 ng/ul
RT: 19.45 min Scan# 4217
Delta R.T. -0.01 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:202 Resp: 22972

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.9	17.9
100	11.0	9.9	14.9



Instrument :
BNA_N
ClientSampleId :
A3Z47DL

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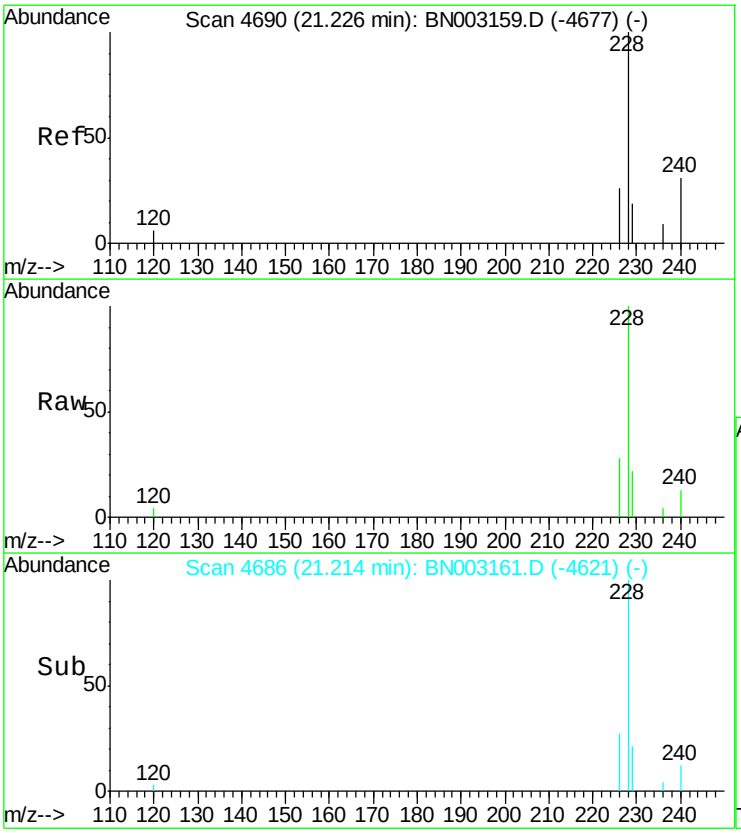
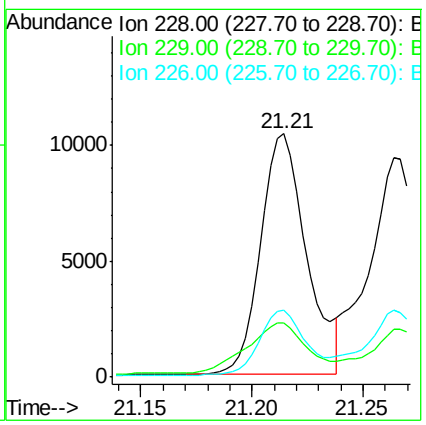
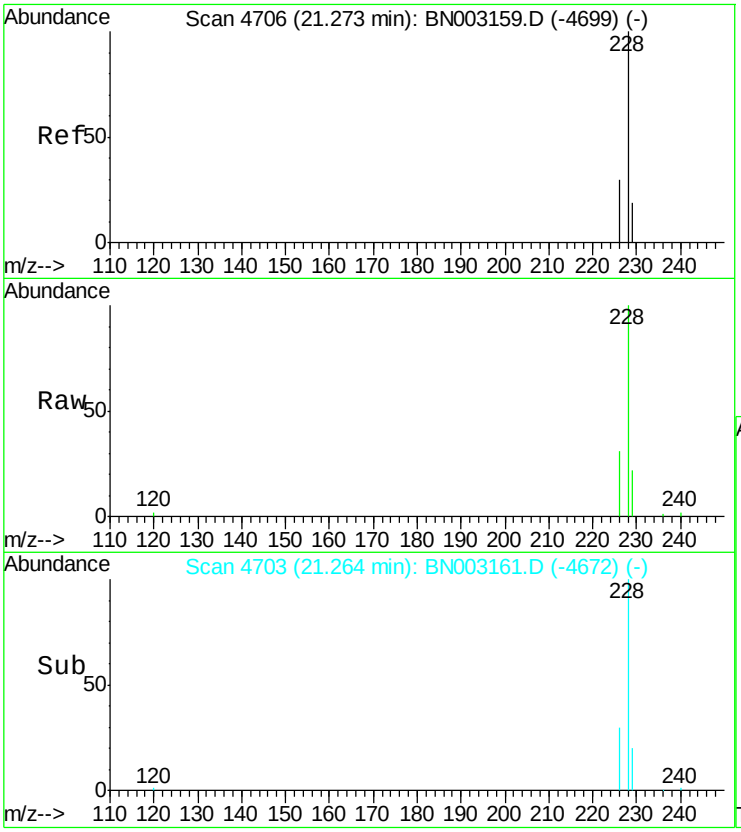


#18
Benzo(a)anthracene
Concen: 0.705 ng/ul
RT: 21.21 min Scan# 4686
Delta R.T. -0.01 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:228 Resp: 15012

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.2	24.2
226	27.6	22.3	33.5

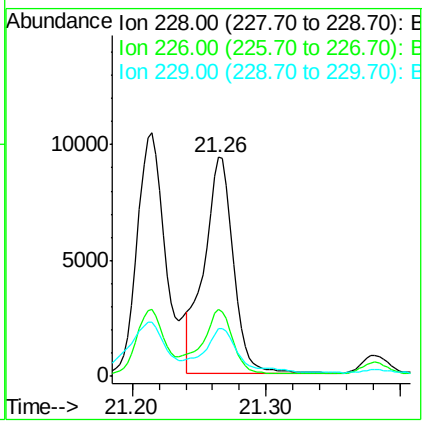




#19
Chrysene
Concen: 0.661 ng/ul
RT: 21.26 min Scan# 4703
Delta R.T. -0.01 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:228 Resp: 14280

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	22.0	16.7	25.1



Instrument :
BNA_N
ClientSampleId :
A3Z47DL

Manual Integrations APPROVED
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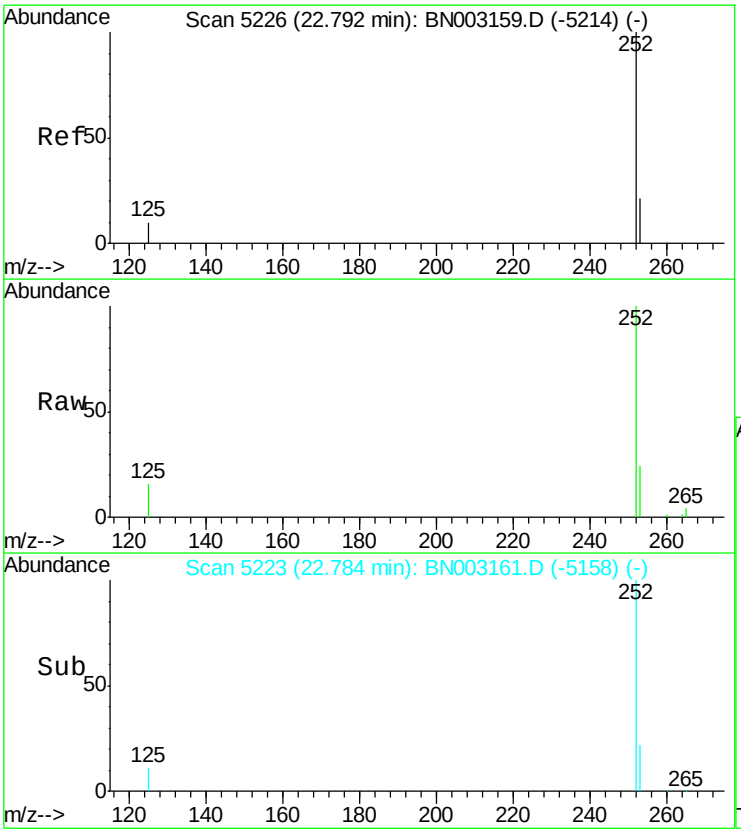
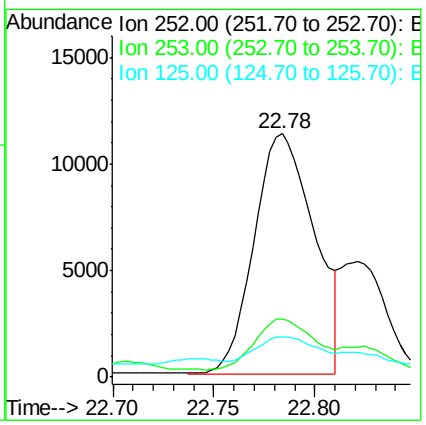
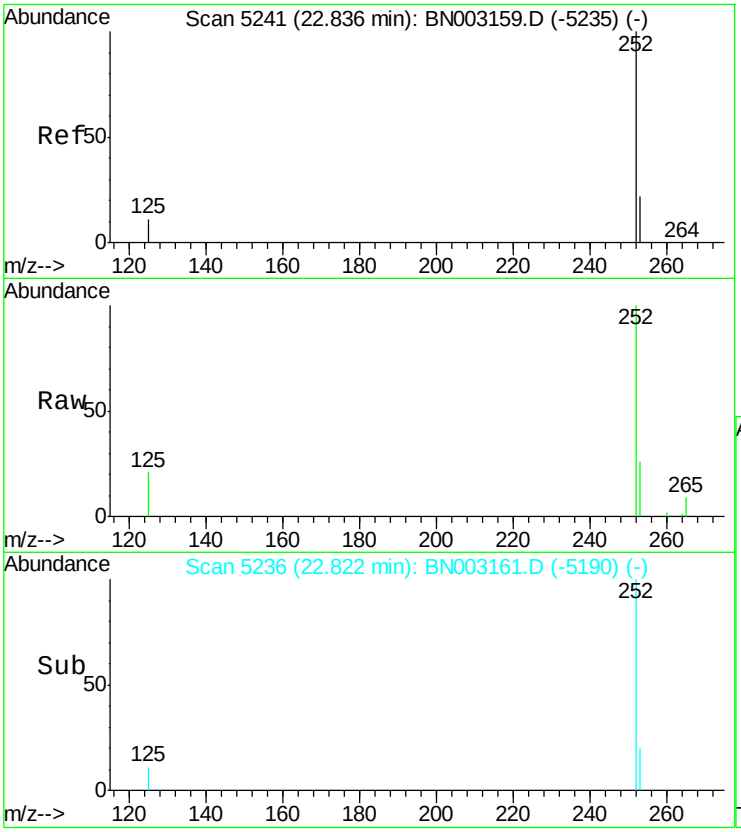


#21
Benzo(b)fluoranthene
Concen: 1.123 ng/ul m
RT: 22.78 min Scan# 5223
Delta R.T. -0.01 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:252 Resp: 23599

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	53.2
125	16.3	0.0	34.2





#22
Benzo(k)fluoranthene
Concen: 0.396 ng/ul m
RT: 22.82 min Scan# 5236
Delta R.T. -0.01 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:252 Resp: 8638

Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.3	31.9
125	21.1	14.1	21.1#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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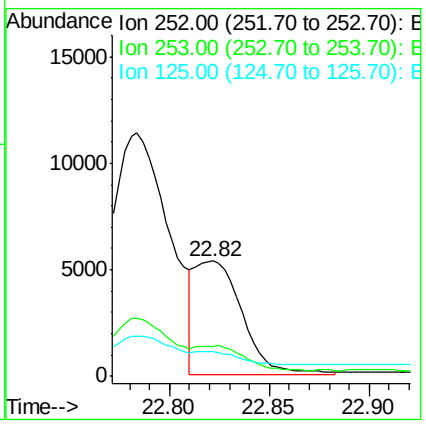
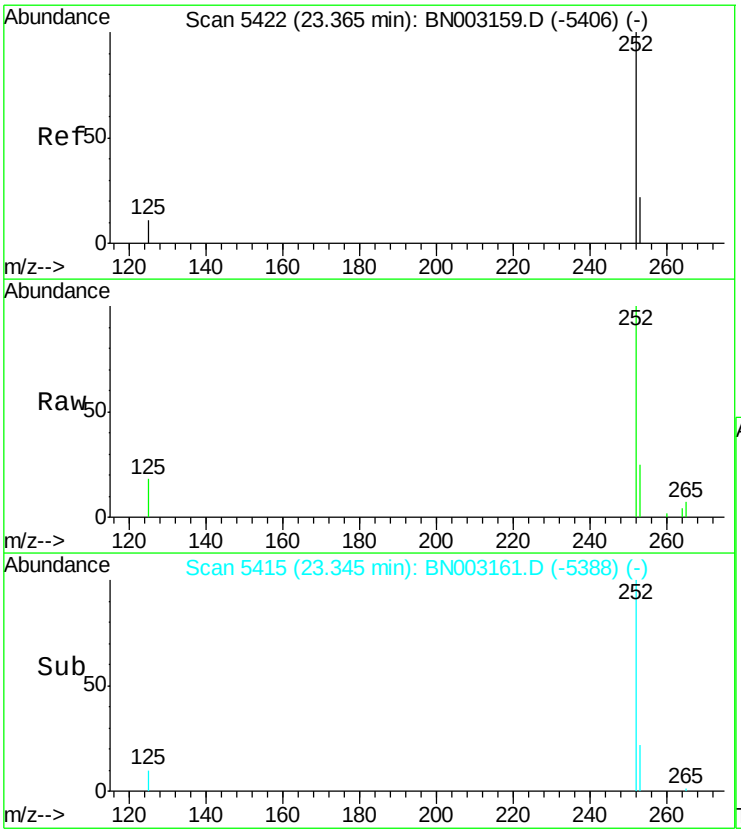
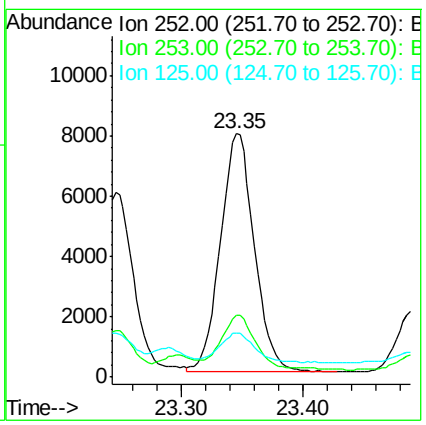


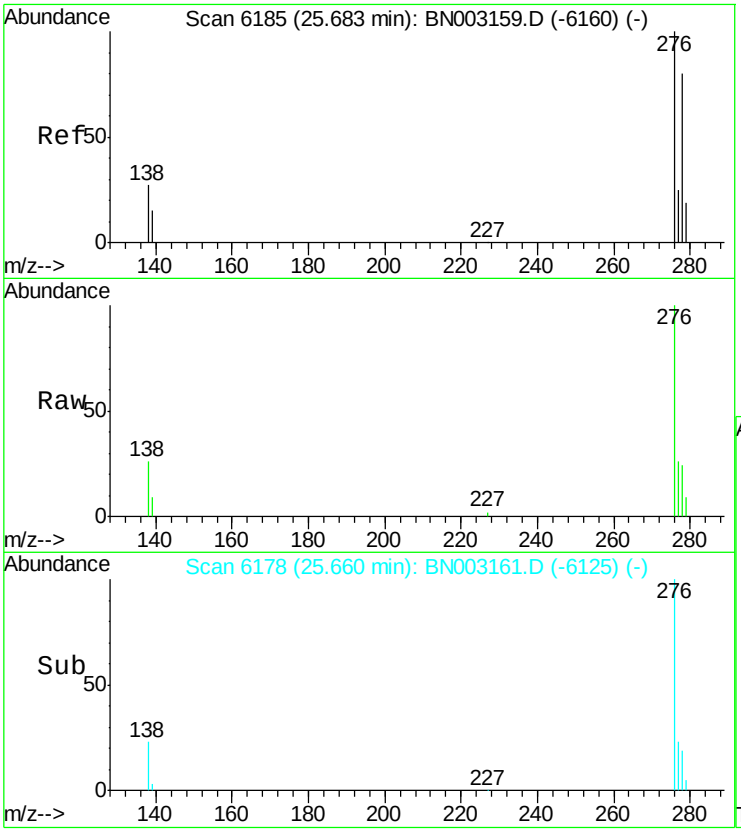


#23
Benzo(a)pyrene
Concen: 0.813 ng/ul
RT: 23.35 min Scan# 5415
Delta R.T. -0.02 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:252 Resp: 15324

Ion	Ratio	Lower	Upper
252	100		
253	25.2	23.1	34.7
125	18.1	16.9	25.3





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.511 ng/ul
RT: 25.66 min Scan# 6178
Delta R.T. -0.02 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:276 Resp: 11064

Ion	Ratio	Lower	Upper
276	100		
138	22.9	21.5	32.3
227	0.1	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A3Z47DL

Manual Integrations APPROVED
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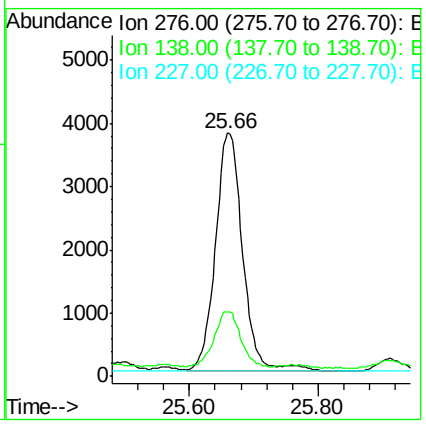
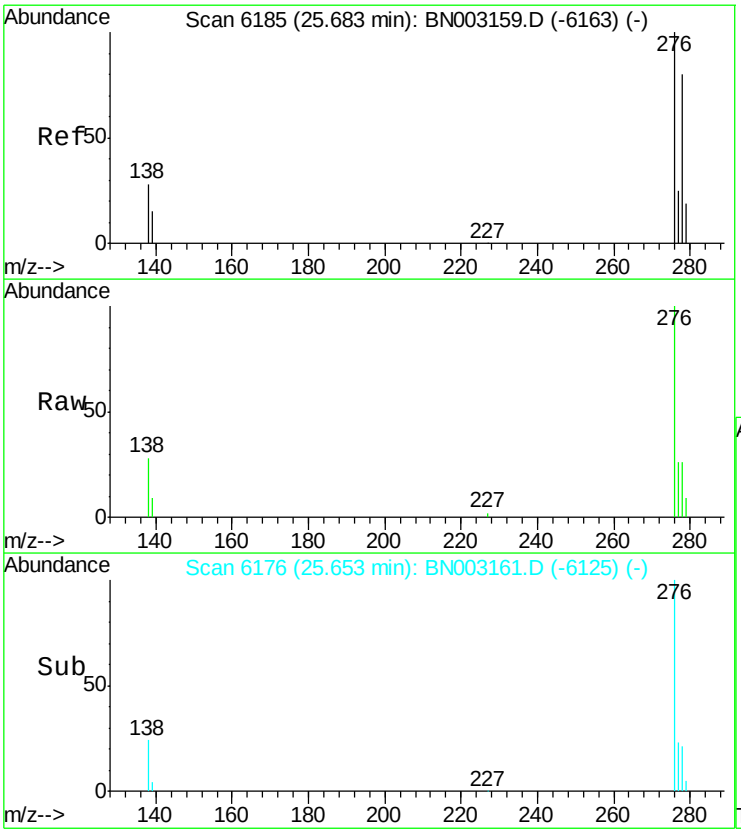
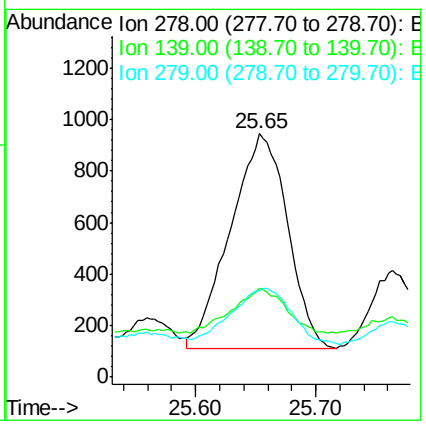


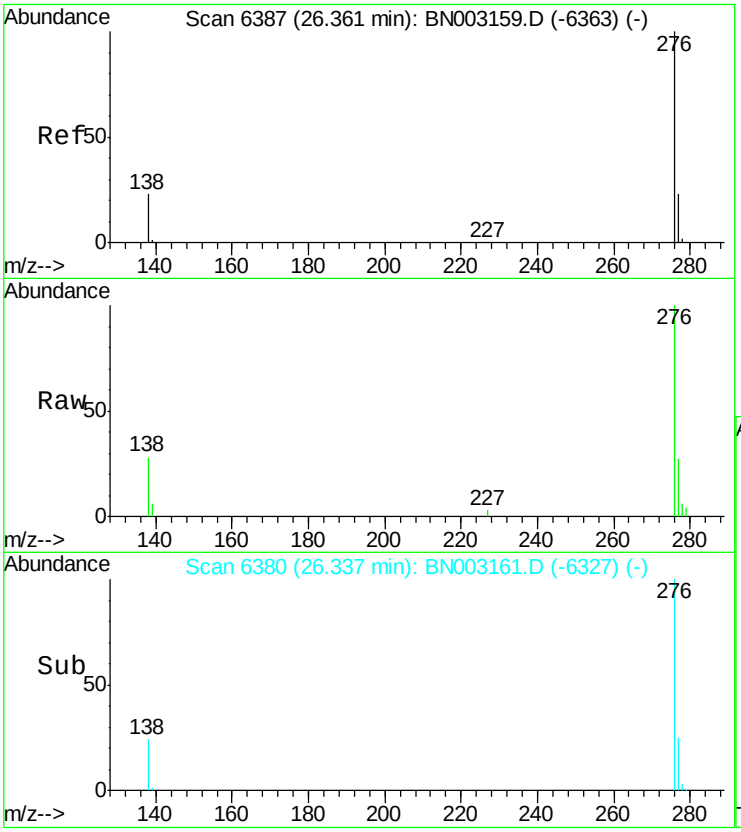


#25
Dibenzo(a,h)anthracene
Concen: 0.158 ng/ul
RT: 25.65 min Scan# 6176
Delta R.T. -0.03 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:278 Resp: 2740

Ion	Ratio	Lower	Upper
278	100		
139	36.3	20.2	30.4#
279	35.6	23.8	35.8

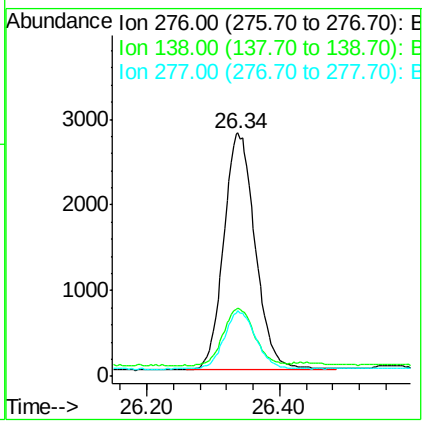




#26
Benzo(g,h,i)perylene
Concen: 0.500 ng/ul
RT: 26.34 min Scan# 6380
Delta R.T. -0.02 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:276 Resp: 9130

Ion	Ratio	Lower	Upper
276	100		
138	28.1	23.0	34.4
277	27.1	22.0	33.0



Instrument :
BNA_N
ClientSampleId :
A3Z47DL

Manual Integrations APPROVED
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