Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101318\
Data File : BN003160.D
Acq On : 13 Oct 2018 03:43
Operator : MJ/SJ
Sample : J5368-01DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ7DL

Manual Integrations APPROVED
Sohil
10/15/2018 4:15:20 PM

Quant Time: Oct 13 06:38:32 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	7.63	152	1210	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.40	136	5204	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3074	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7242	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	6223	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5211	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	568	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	1442	0.07	ng/ul	-0.01
Target Compounds						Qvalue
7) Acenaphthylene	13.98	152	410	0.029	ng/ul#	1
9) Fluorene	15.32	166	301	0.025	ng/ul#	87
12) Phenanthrene	17.06	178	5082	0.252	ng/ul	98
13) Anthracene	17.15	178	1463	0.077	ng/ul#	81
15) Fluoranthene	19.09	202	10487	0.443	ng/ul	98
17) Pyrene	19.45	202	9898	0.410	ng/ul	99
18) Benzo(a)anthracene	21.22	228	5105m	0.255	ng/ul	
19) Chrysene	21.27	228	5411m	0.266	ng/ul	
21) Benzo(b)fluoranthene	22.79	252	6275m	0.334	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	2296m	0.118	ng/ul	
23) Benzo(a)pyrene	23.35	252	4190	0.249	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.68	276	2831	0.146	ng/ul	92
25) Dibenzo(a,h)anthracene	25.68	278	789	0.051	ng/ul#	21
26) Benzo(g,h,i)perylene	26.36	276	2471	0.152	ng/ul#	86

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101318\
Data File : BN003160.D
Acq On : 13 Oct 2018 03:43
Operator : MJ/SJ
Sample : J5368-01DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 13 06:38:32 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 :
A3YZ7DL

Manual Integrations APPROVED
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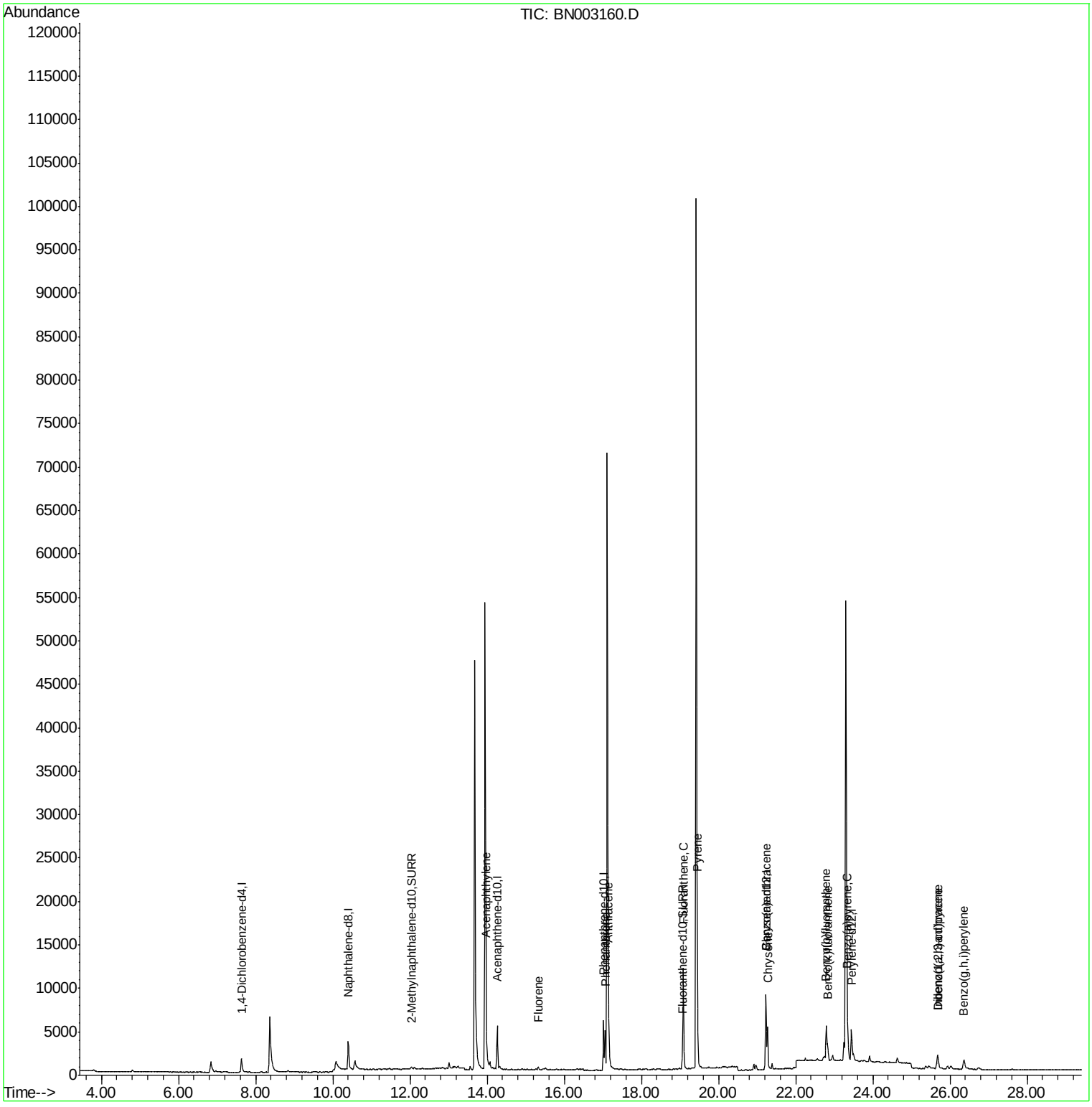

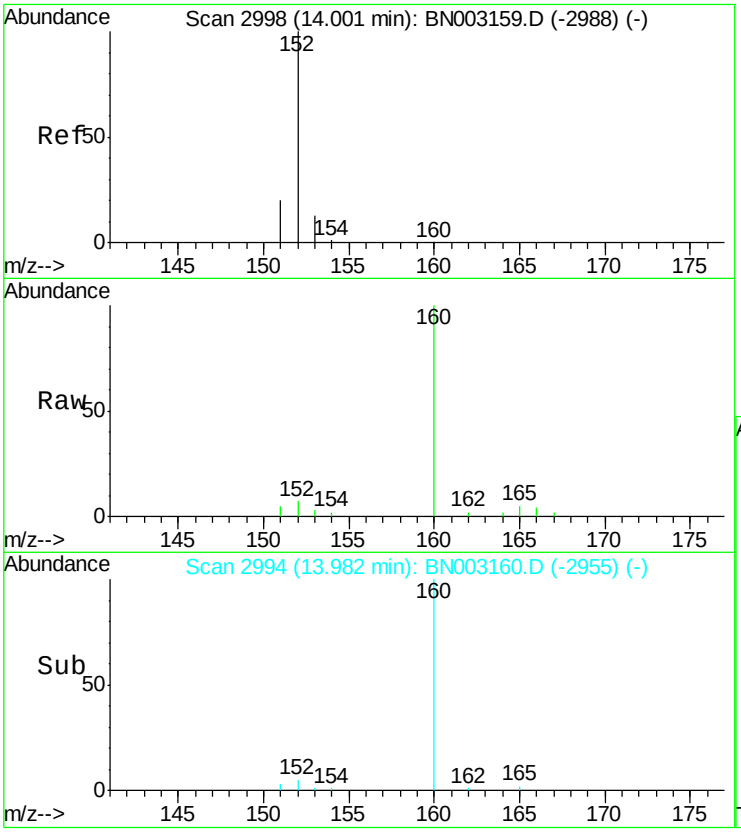

#7
Acenaphthylene
Concen: 0.029 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.02 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

Tgt Ion:152 Resp: 410

Ion	Ratio	Lower	Upper
152	100		
151	76.9	16.5	24.7#
153	41.4	11.4	17.2#

Instrument :
BNA_N
ClientSampleId :
A3YZ7DL

Manual Integrations APPROVED
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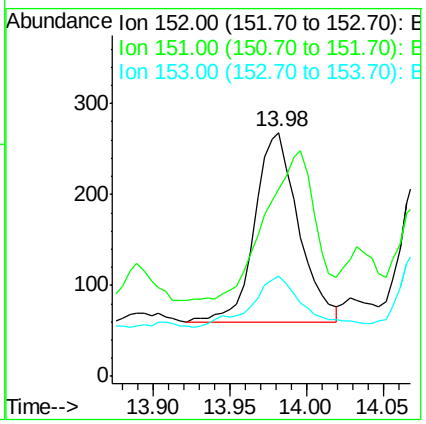
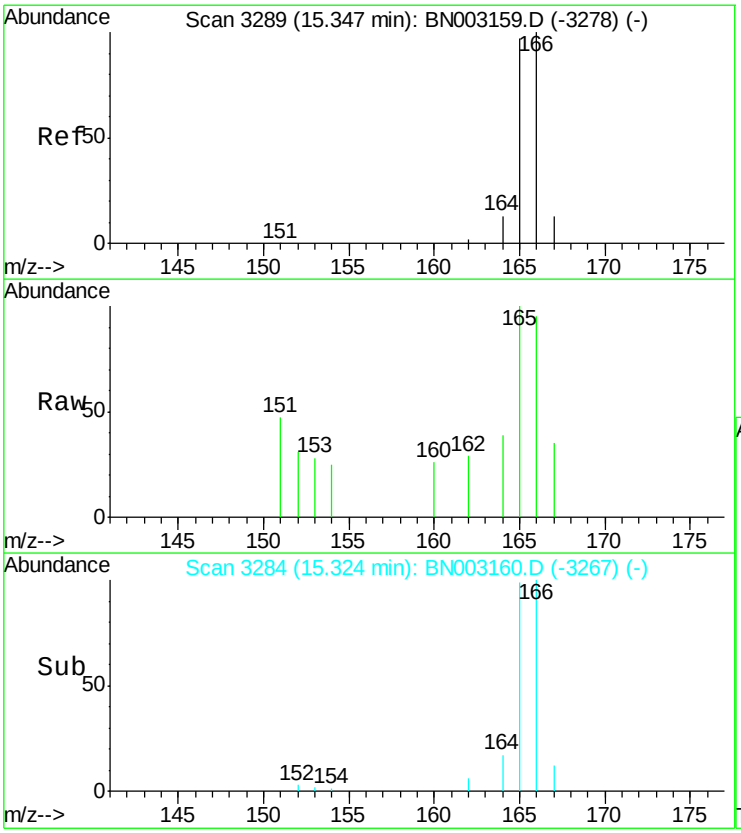
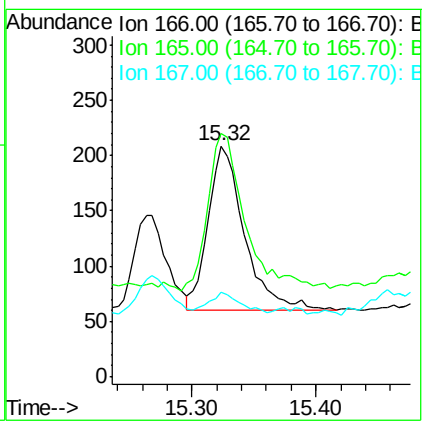


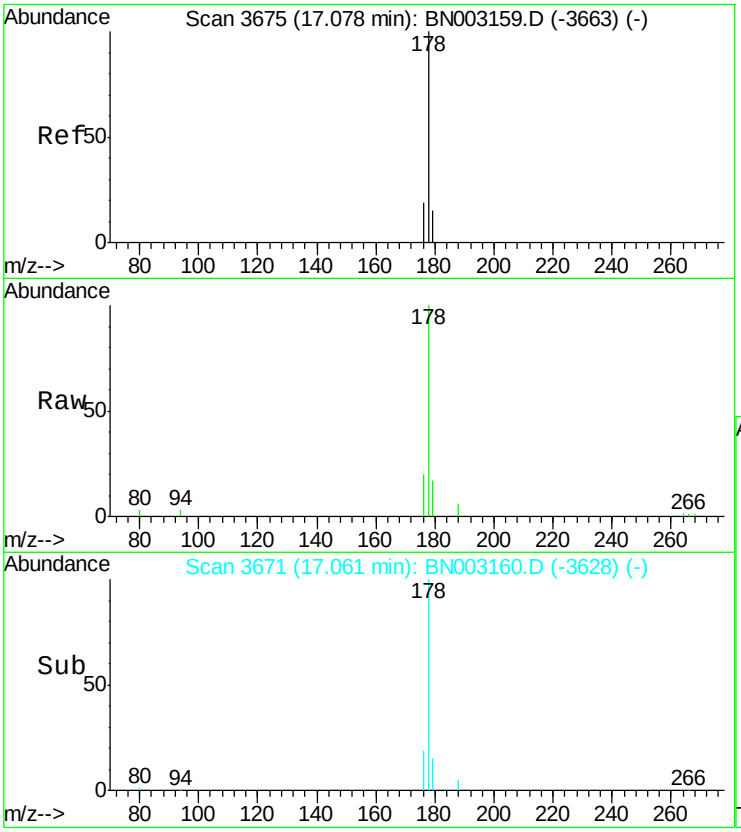


#9
Fluorene
Concen: 0.025 ng/ul
RT: 15.32 min Scan# 3284
Delta R.T. -0.02 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

Tgt Ion:166 Resp: 301

Ion	Ratio	Lower	Upper
166	100		
165	105.3	78.5	117.7
167	36.4	11.6	17.4#

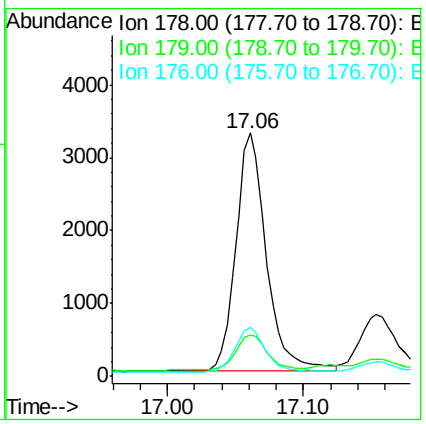




#12
Phenanthrene
Concen: 0.252 ng/ul
RT: 17.06 min Scan# 3671
Delta R.T. -0.02 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

Tgt Ion:178 Resp: 5082

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.9	19.3
176	20.0	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
A3YZ7DL

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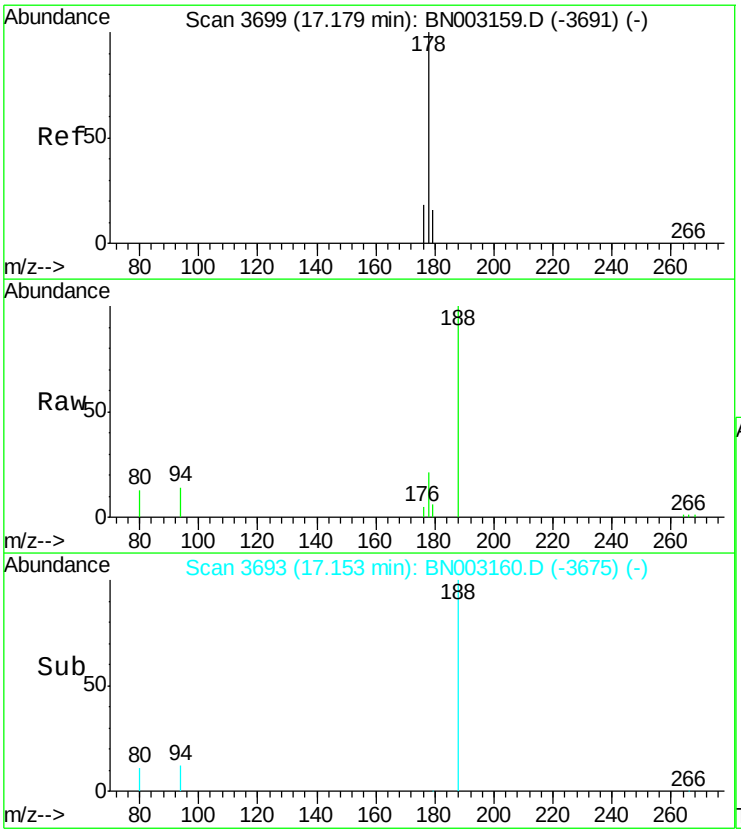
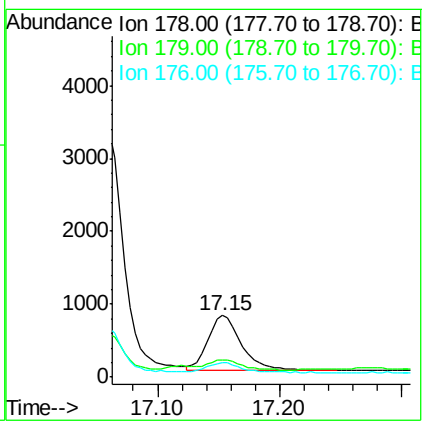
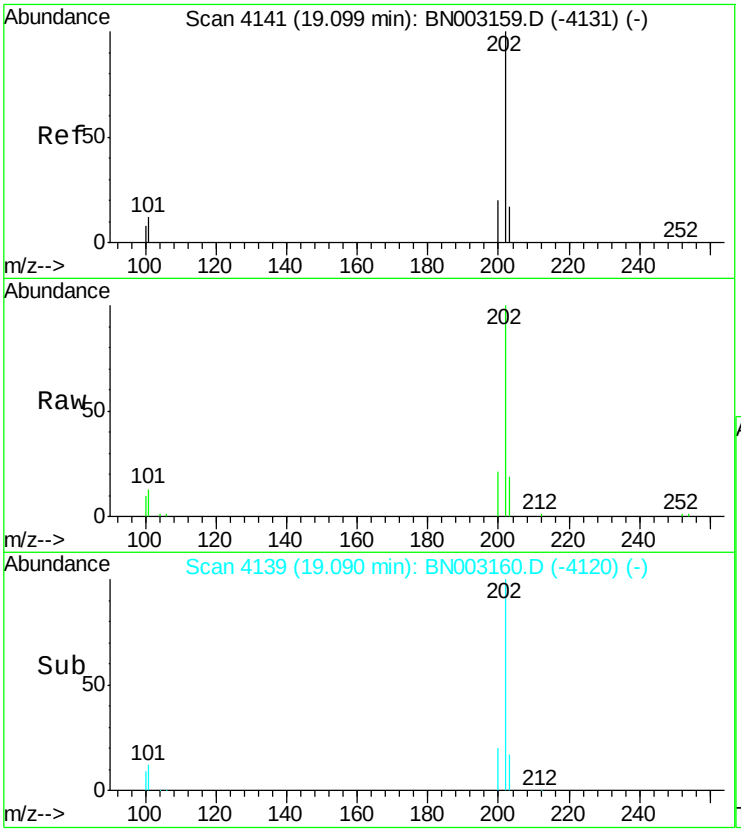


#13
Anthracene
Concen: 0.077 ng/ul
RT: 17.15 min Scan# 3693
Delta R.T. -0.03 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

Tgt Ion:178 Resp: 1463

Ion	Ratio	Lower	Upper
178	100		
179	28.4	13.0	19.6#
176	24.0	15.3	22.9#

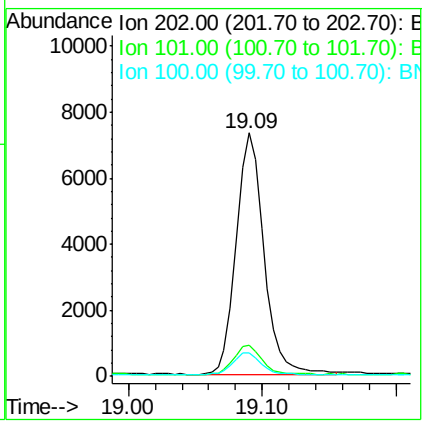




#15
Fluoranthene
Concen: 0.443 ng/ul
RT: 19.09 min Scan# 4139
Delta R.T. -0.01 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

Tgt Ion:202 Resp: 10487

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.3
100	9.9	0.0	29.1



Instrument :
BNA_N
ClientSampleId :
A3YZ7DL

Manual Integrations APPROVED
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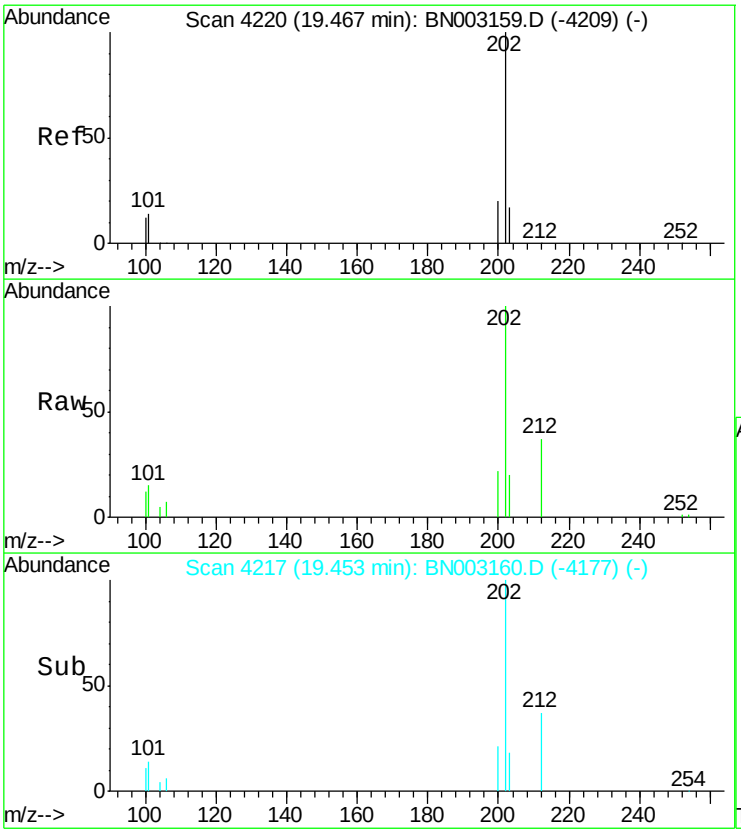
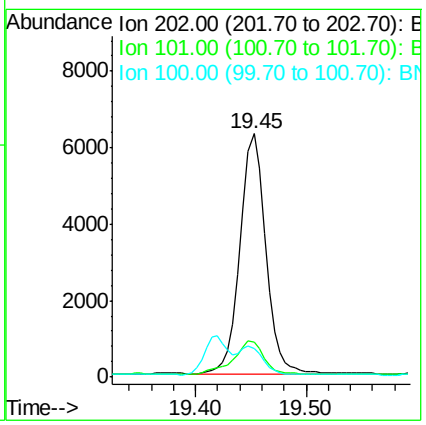
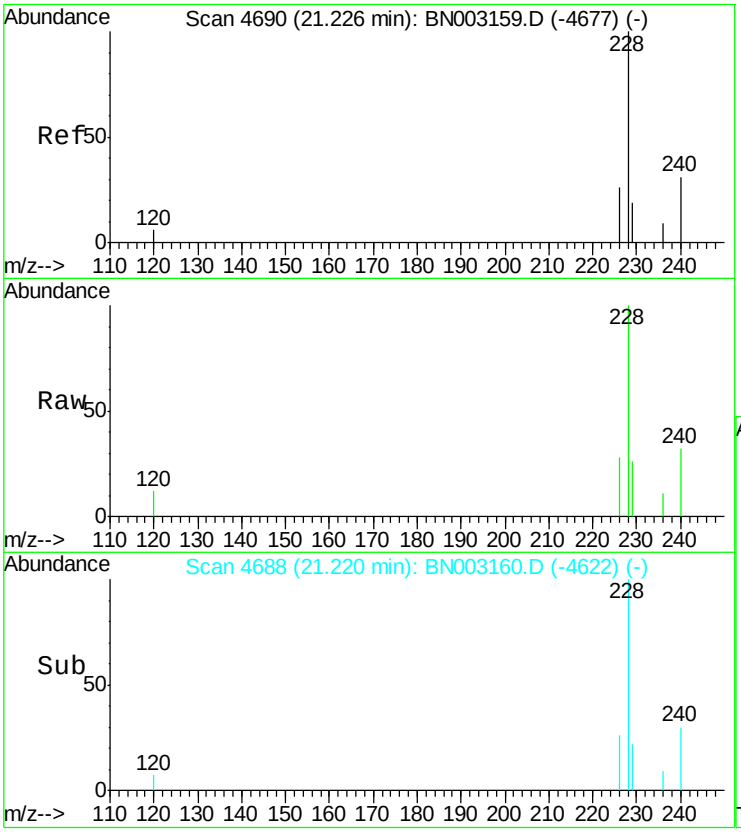


#17
Pyrene
Concen: 0.410 ng/ul
RT: 19.45 min Scan# 4217
Delta R.T. -0.01 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

Tgt Ion:202 Resp: 9898

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.9	17.9
100	11.8	9.9	14.9

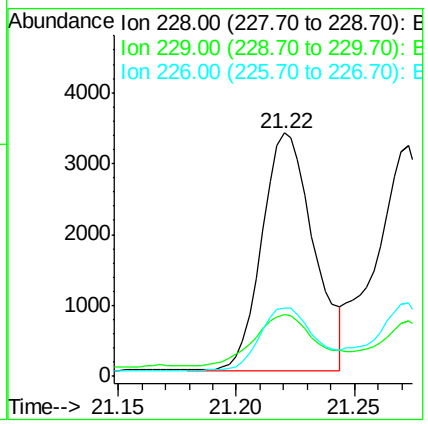




#18
Benzo(a)anthracene
Concen: 0.255 ng/ul m
RT: 21.22 min Scan# 4688
Delta R.T. -0.01 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

Tgt Ion:228 Resp: 5105

Ion	Ratio	Lower	Upper
228	100		
229	25.6	16.2	24.2#
226	28.1	22.3	33.5



Instrument :
BNA_N
ClientSampleId :
A3YZ7DL

Manual Integrations APPROVED
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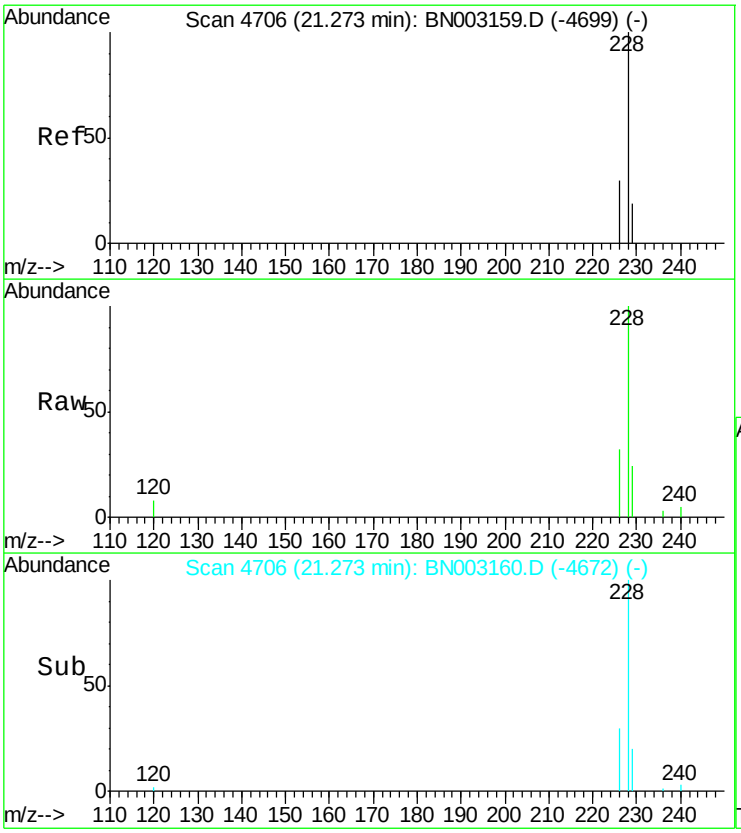
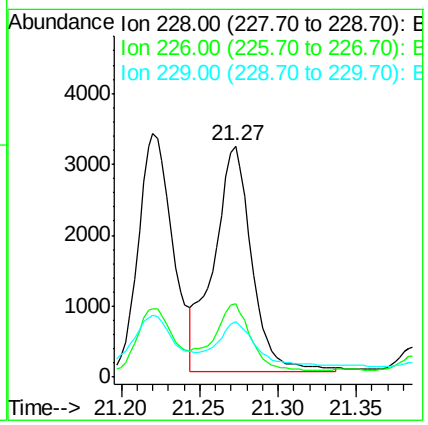
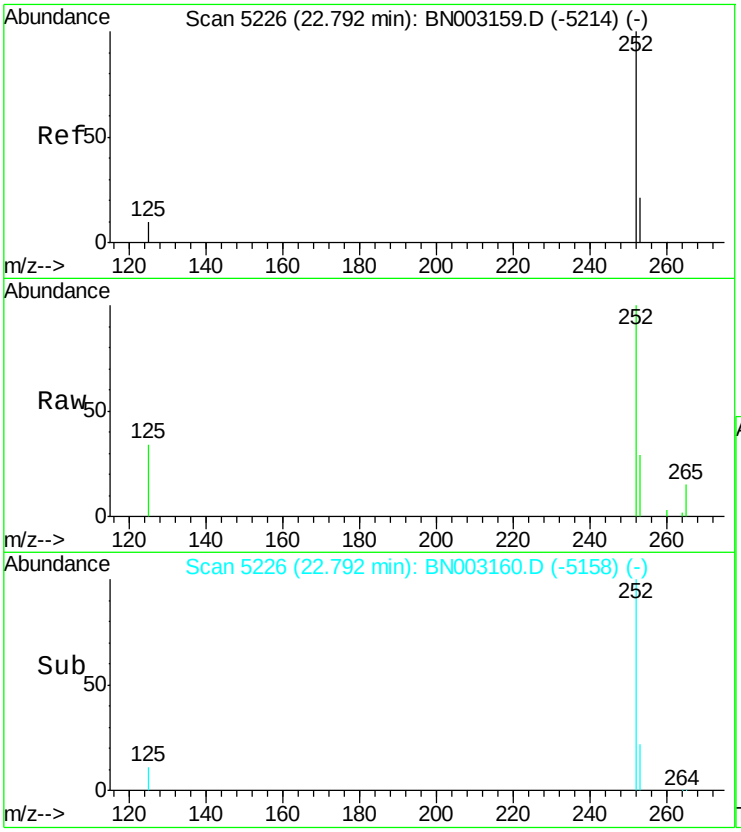


#19
Chrysene
Concen: 0.266 ng/ul m
RT: 21.27 min Scan# 4706
Delta R.T. -0.00 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

Tgt Ion:228 Resp: 5411

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.2	36.4
229	23.9	16.7	25.1

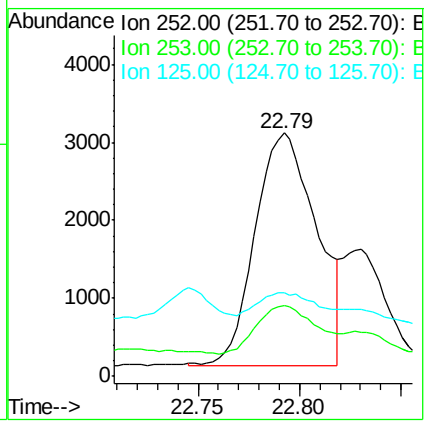




#21
Benzo(b)fluoranthene
Concen: 0.334 ng/ul m
RT: 22.79 min Scan# 5226
Delta R.T. -0.00 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

Tgt Ion:252 Resp: 6275

Ion	Ratio	Lower	Upper
252	100		
253	29.0	0.0	53.2
125	34.1	0.0	34.2



Instrument :
BNA_N
ClientSampleId :
A3YZ7DL

Manual Integrations APPROVED
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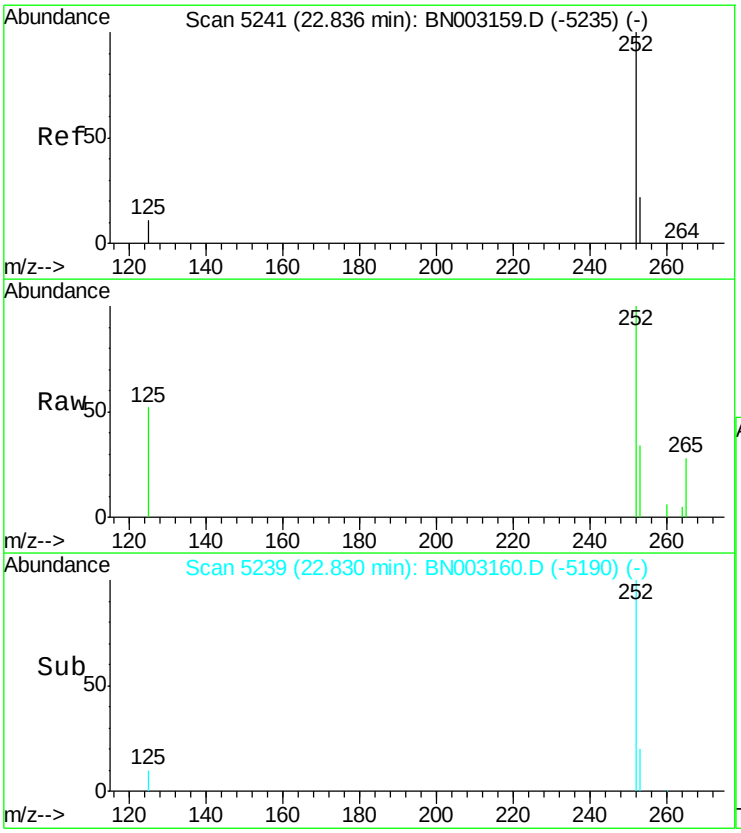
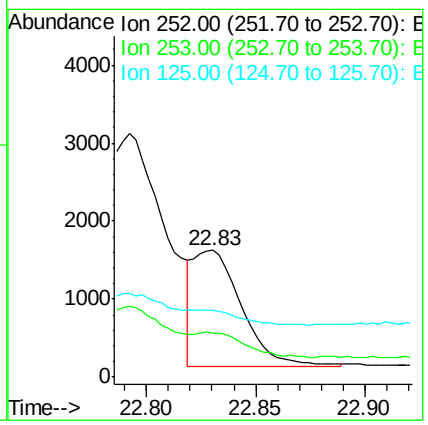
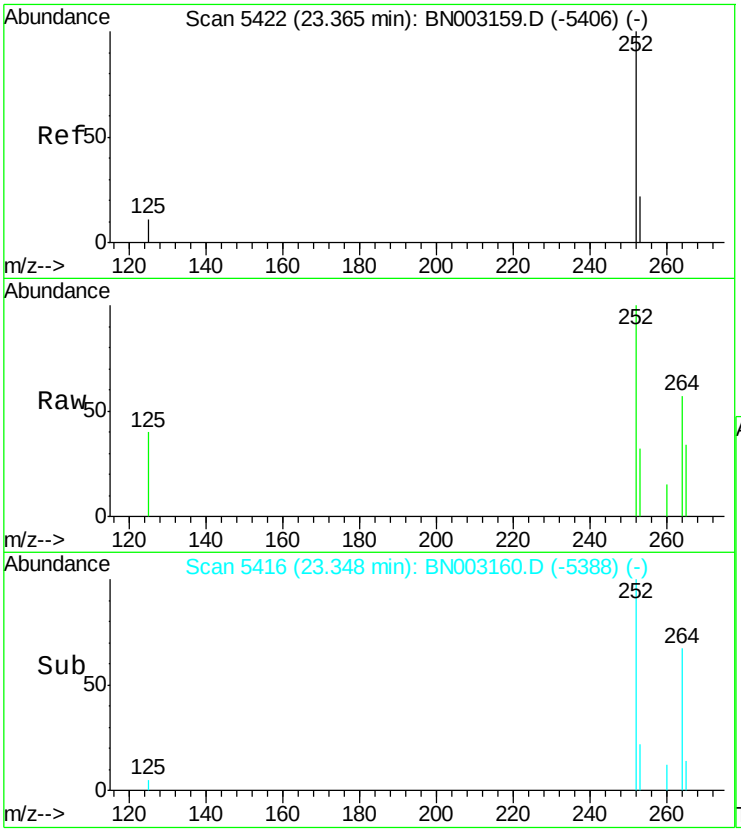


#22
Benzo(k)fluoranthene
Concen: 0.118 ng/ul m
RT: 22.83 min Scan# 5239
Delta R.T. -0.01 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

Tgt Ion:252 Resp: 2296

Ion	Ratio	Lower	Upper
252	100		
253	34.4	21.3	31.9#
125	52.4	14.1	21.1#





#23
Benzo(a)pyrene
Concen: 0.249 ng/ul
RT: 23.35 min Scan# 5416
Delta R.T. -0.02 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

Tgt Ion:252 Resp: 4190

Ion	Ratio	Lower	Upper
252	100		
253	32.4	23.1	34.7
125	40.4	16.9	25.3#

Instrument :
BNA_N
ClientSampleId :
A3YZ7DL

Manual Integrations APPROVED
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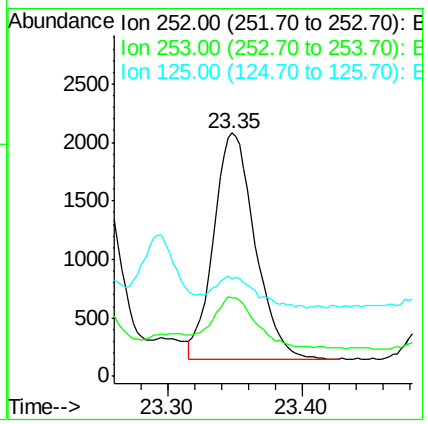
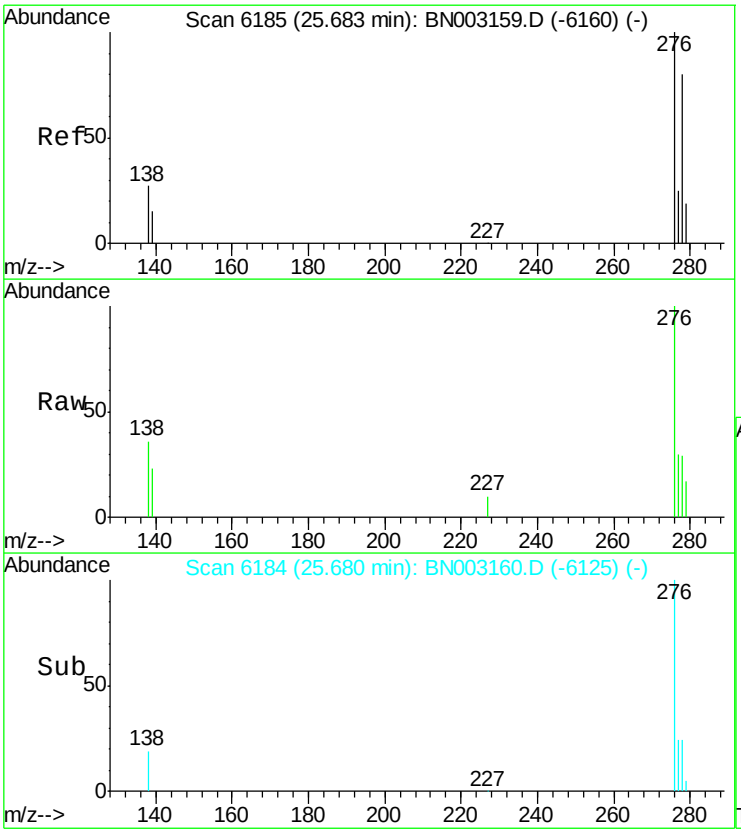
10/15/2018 4:15:20 PM

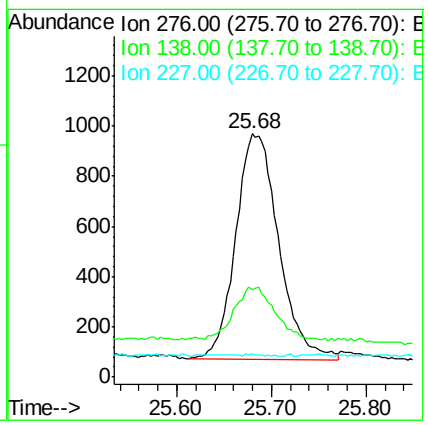


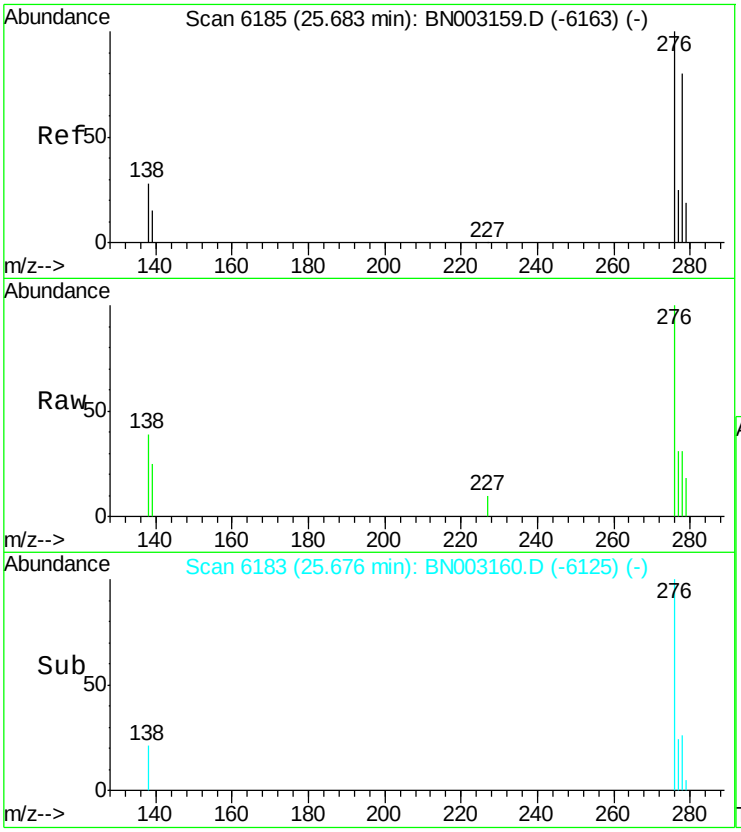


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.146 ng/ul
RT: 25.68 min Scan# 6184
Delta R.T. -0.00 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

Tgt Ion:276 Resp: 2831

Ion	Ratio	Lower	Upper
276	100		
138	22.9	21.5	32.3
227	0.4	0.3	0.5





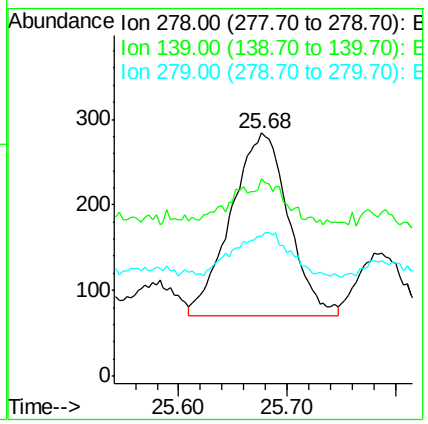
#25
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 25.68 min Scan# 6183
Delta R.T. -0.01 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

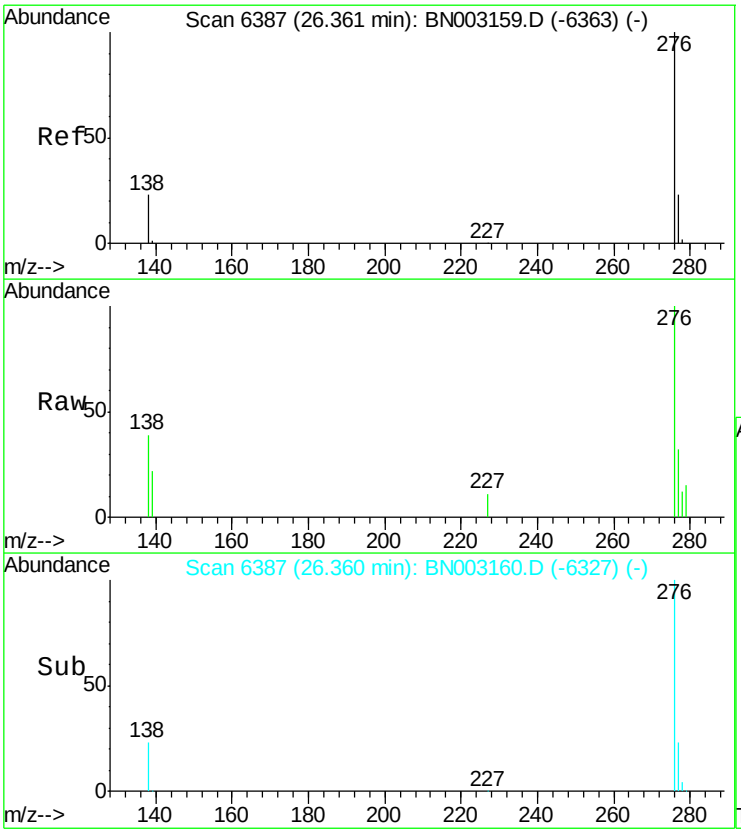
Tgt Ion:278 Resp: 789

Ion	Ratio	Lower	Upper
278	100		
139	81.3	20.2	30.4#
279	57.4	23.8	35.8#

Instrument :
BNA_N
ClientSampleId :
A3YZ7DL

Manual Integrations APPROVED
Sohil
10/15/2018 4:15:20 PM





#26
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 26.36 min Scan# 6387
Delta R.T. -0.00 min
Lab File: BN003160.D
Acq: 13 Oct 2018 03:43

Tgt Ion:276 Resp: 2471

Ion	Ratio	Lower	Upper
276	100		
138	39.0	23.0	34.4#
277	31.9	22.0	33.0