Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003077.D
Acq On : 10 Oct 2018 22:52
Operator : MJ/SJ
Sample : J5157-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD8

Manual Integrations APPROVED
Sohil
10/11/2018 5:45:48 PM

Quant Time: Oct 11 08:09:38 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	1628	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6474	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3438	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	6376m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4864m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4706m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	3784	0.38	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	6446m	0.35	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	1472	0.089	ng/ul#	90
7) Acenaphthylene	13.98	152	1993	0.127	ng/ul#	94
8) Acenaphthene	14.32	153	256	0.021	ng/ul#	88
9) Fluorene	15.32	166	297	0.022	ng/ul#	87
12) Phenanthrene	17.06	178	1215m	0.068	ng/ul	
13) Anthracene	17.15	178	2550m	0.152	ng/ul	
15) Fluoranthene	19.09	202	19007m	0.912	ng/ul	
17) Pyrene	19.45	202	34169m	1.809	ng/ul	
18) Benzo(a)anthracene	21.21	228	10753	0.687	ng/ul	97
19) Chrysene	21.26	228	22326	1.405	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	29023m	1.712	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	9223m	0.525	ng/ul	
23) Benzo(a)pyrene	23.34	252	17594	1.158	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.66	276	9797	0.561	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.65	278	2817	0.202	ng/ul#	90
26) Benzo(g,h,i)perylene	26.34	276	7634	0.519	ng/ul	97

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

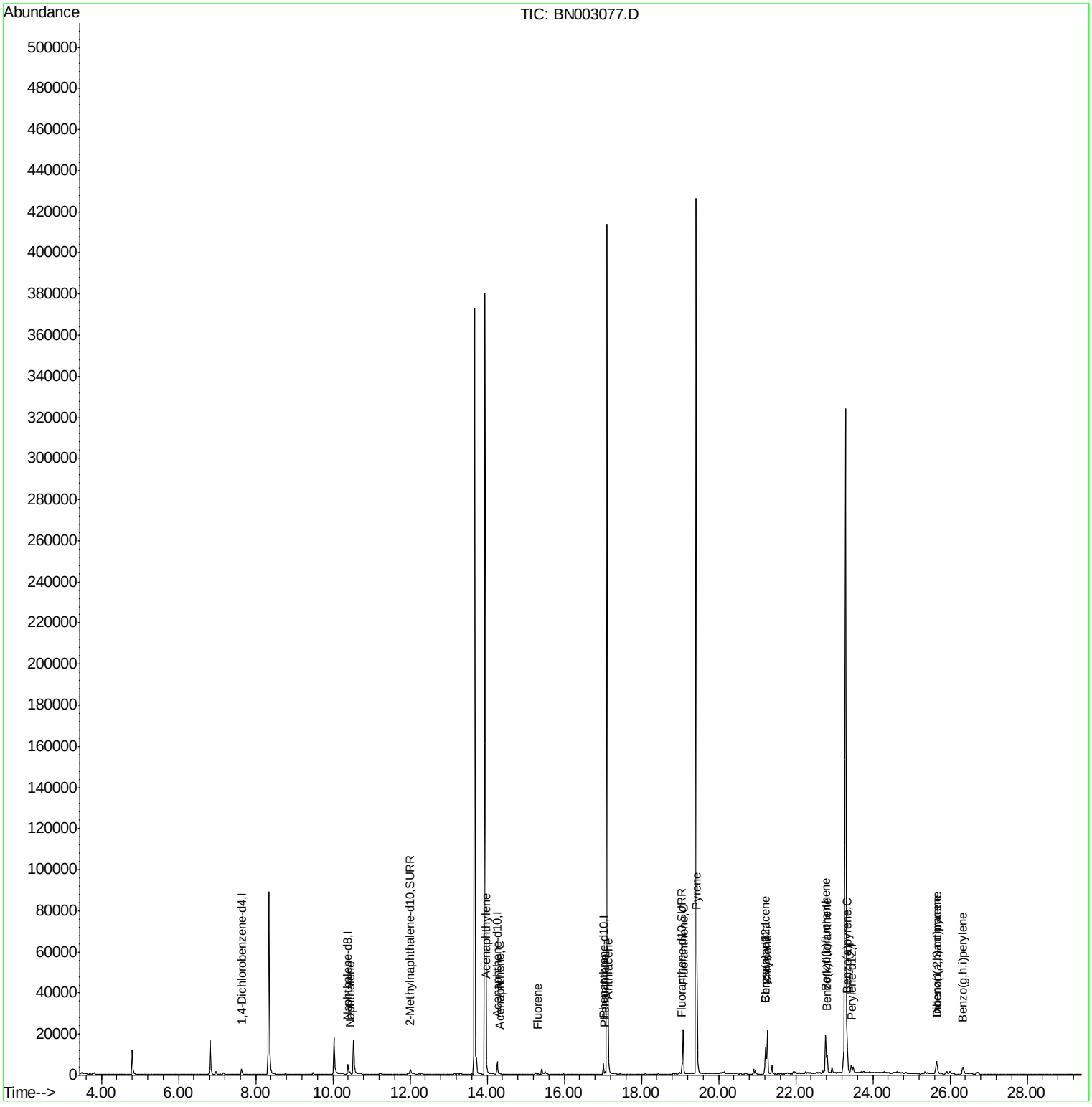
Quantitation Report (QT Reviewed)

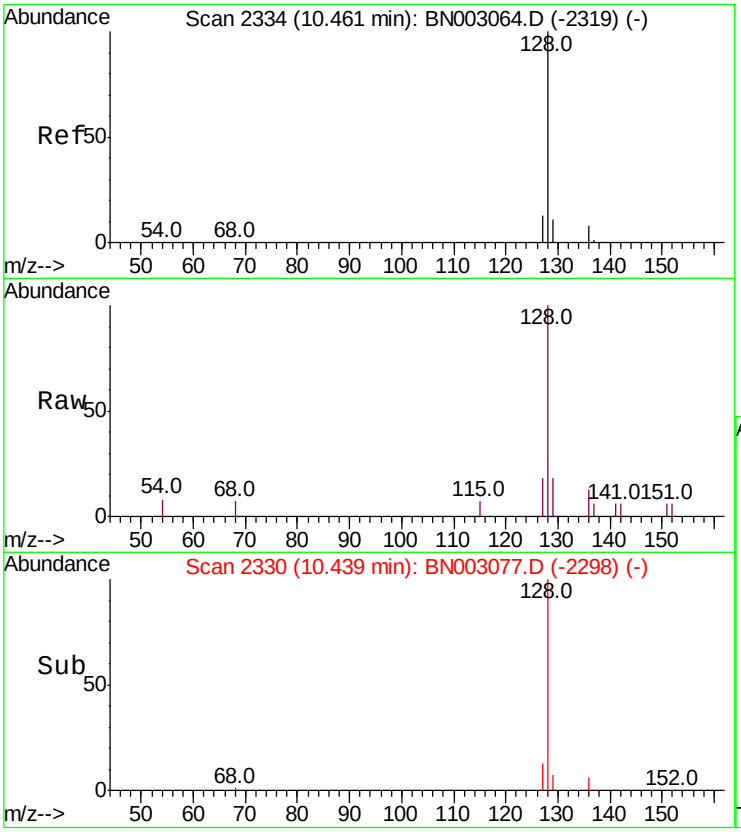
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003077.D
Acq On : 10 Oct 2018 22:52
Operator : MJ/SJ
Sample : J5157-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 11 08:09:38 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 :
C0AD8

Manual Integrations APPROVED
Sohil
10/11/2018 5:45:48 PM





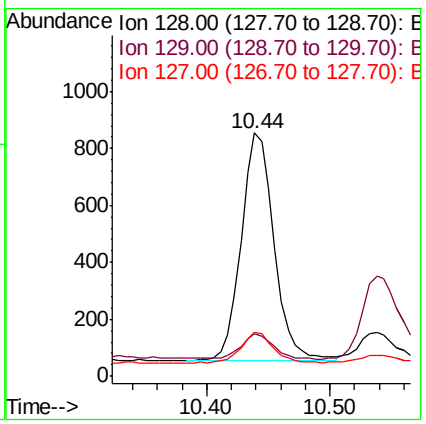
#3
Naphthalene
Concen: 0.089 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

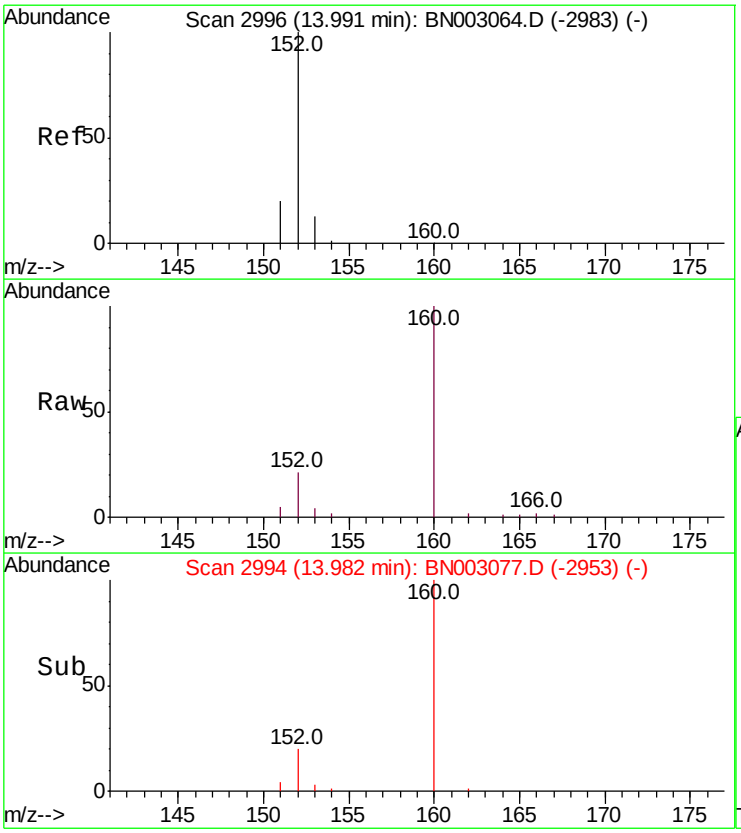
Tgt Ion:128 Resp: 1472

Ion	Ratio	Lower	Upper
128	100		
129	17.7	10.4	15.6#
127	17.9	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
C0AD8

Manual Integrations APPROVED
Sohil
10/11/2018 5:45:48 PM

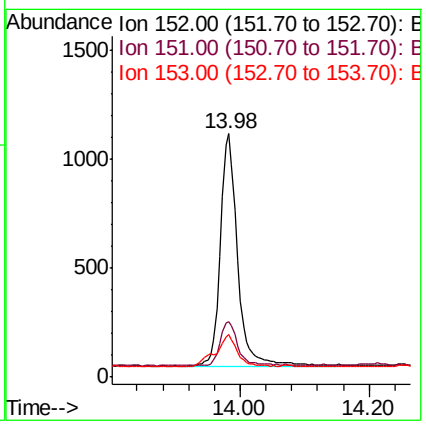


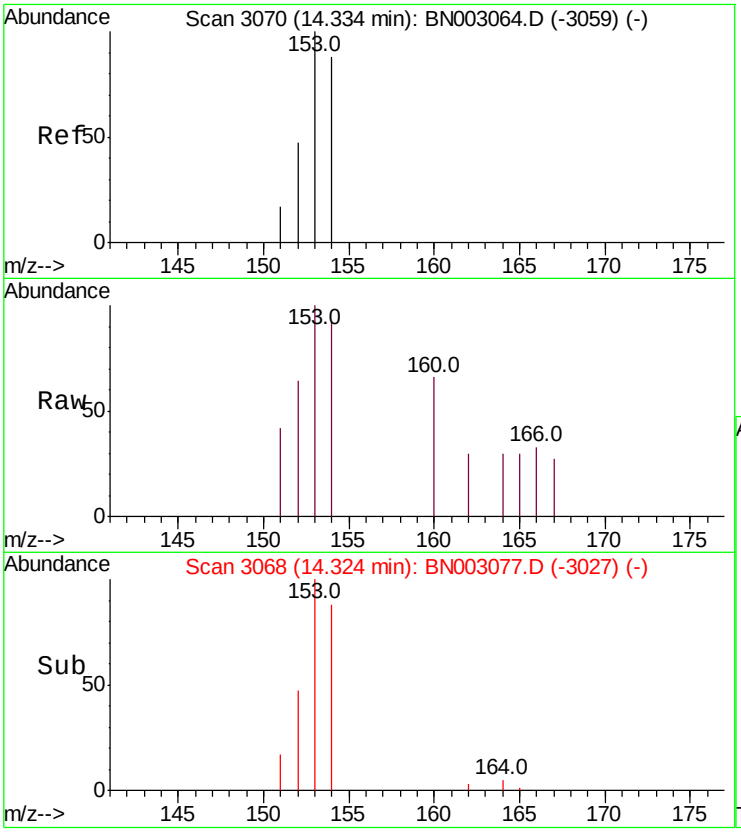


#7
Acenaphthylene
Concen: 0.127 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.01 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

Tgt Ion:152 Resp: 1993

Ion	Ratio	Lower	Upper
152	100		
151	23.0	16.5	24.7
153	17.4	11.4	17.2#





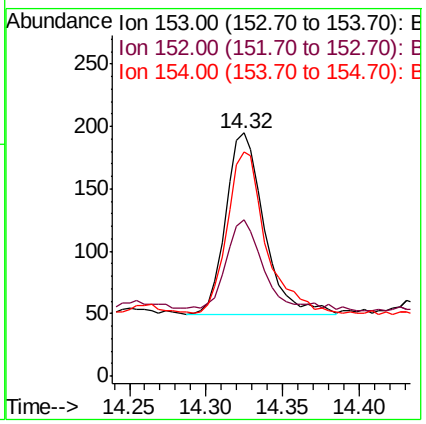
#8
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

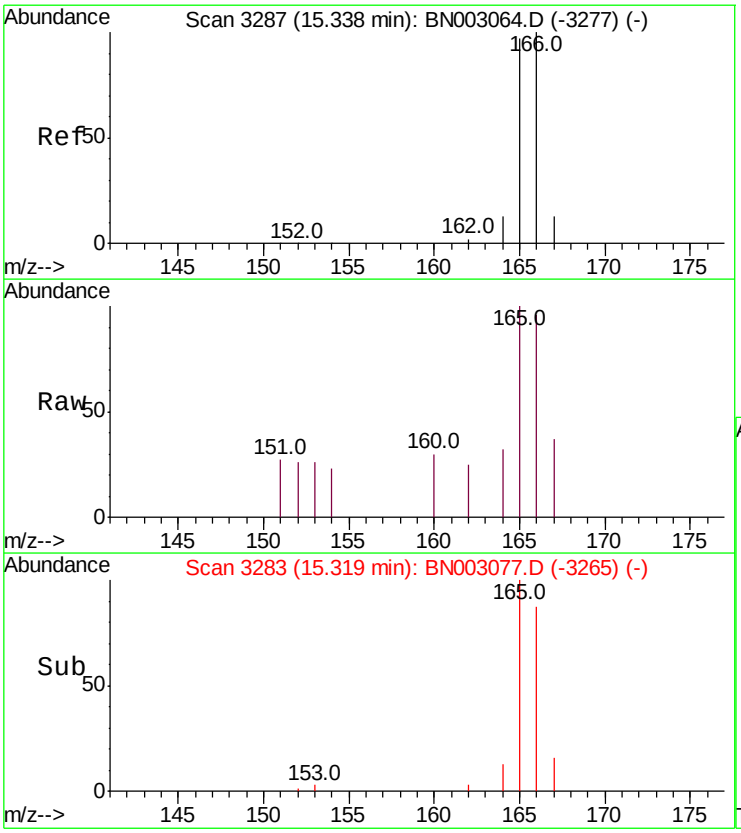
Tgt Ion:153 Resp: 256

Ion	Ratio	Lower	Upper
153	100		
152	64.1	38.2	57.4#
154	92.3	70.2	105.2

Instrument :
BNA_N
ClientSampleId :
C0AD8

Manual Integrations APPROVED
Sohil
10/11/2018 5:45:48 PM

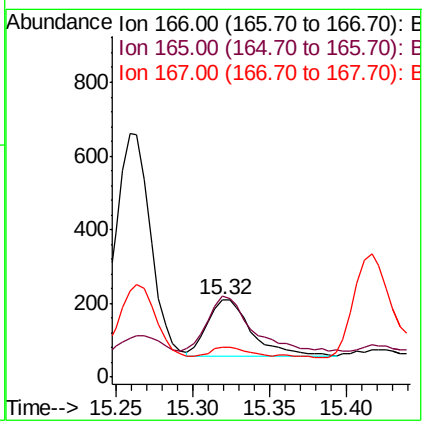


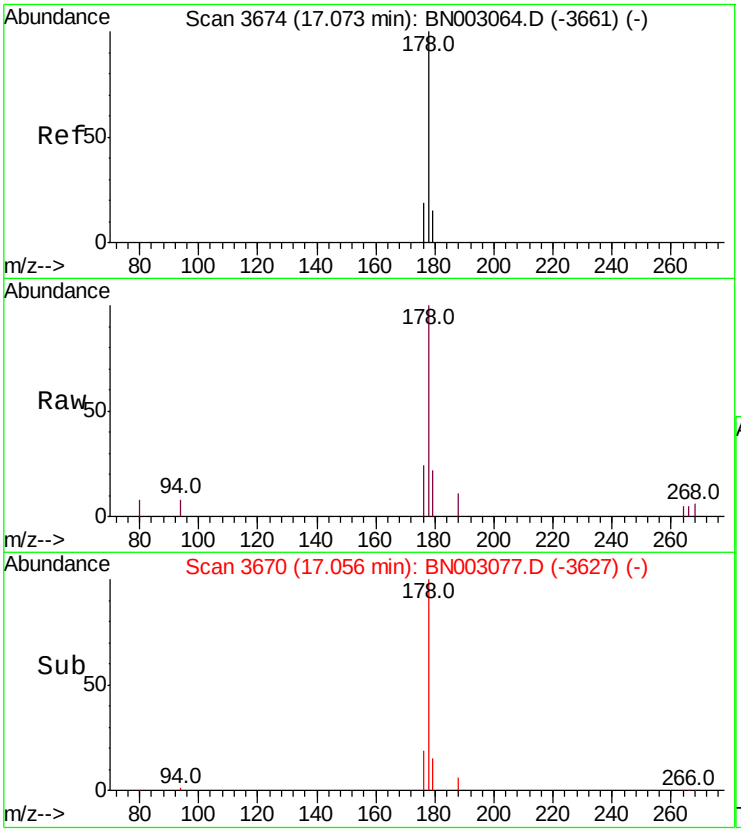


#9
Fluorene
Concen: 0.022 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. -0.02 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

Tgt Ion:166 Resp: 297

Ion	Ratio	Lower	Upper
166	100		
165	104.3	78.5	117.7
167	38.4	11.6	17.4#





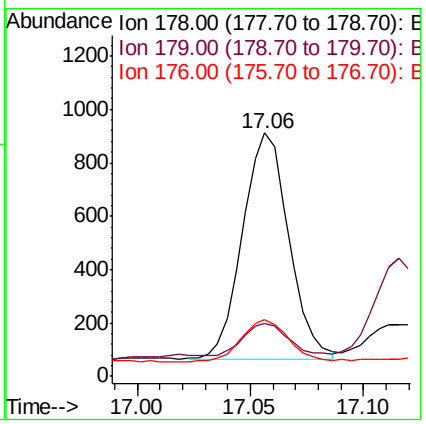
#12
Phenanthrene
Concen: 0.068 ng/ul m
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

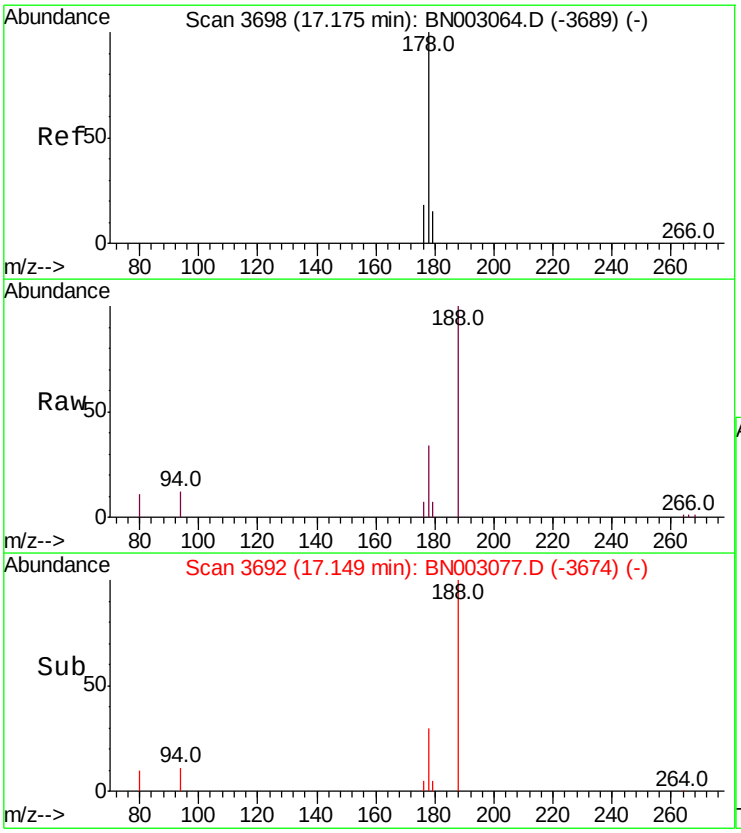
Tgt Ion:178 Resp: 1215

Ion	Ratio	Lower	Upper
178	100		
179	21.8	12.9	19.3#
176	23.6	15.4	23.2#

Instrument :
BNA_N
ClientSampleId :
C0AD8

Manual Integrations APPROVED
Sohil
10/11/2018 5:45:48 PM

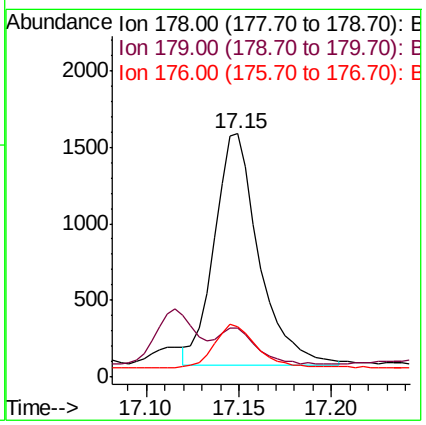


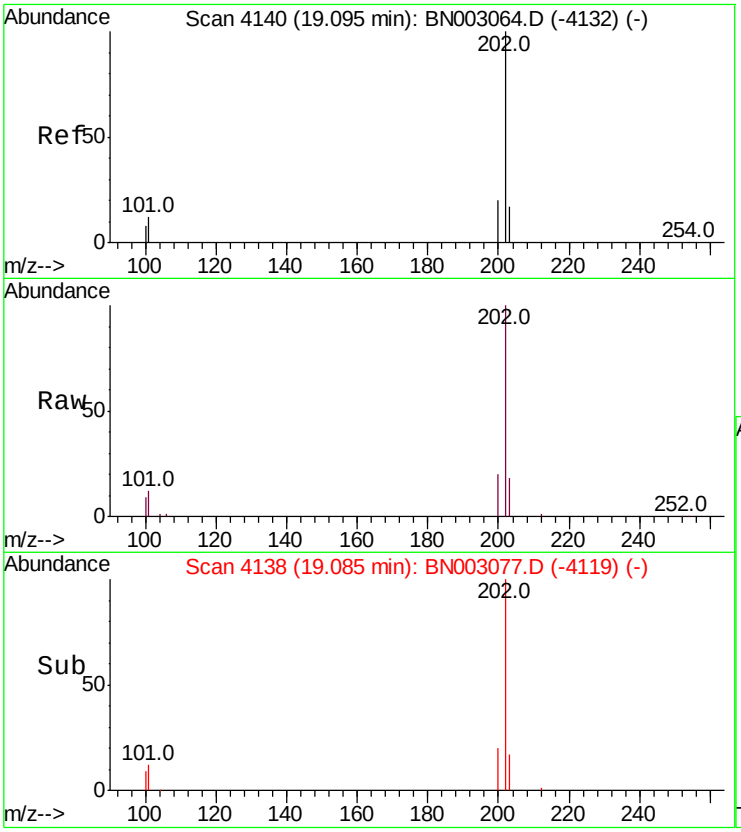


#13
Anthracene
Concen: 0.152 ng/ul m
RT: 17.15 min Scan# 3692
Delta R.T. -0.03 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

Tgt Ion:178 Resp: 2550

Ion	Ratio	Lower	Upper
178	100		
179	20.3	13.0	19.6#
176	20.7	15.3	22.9

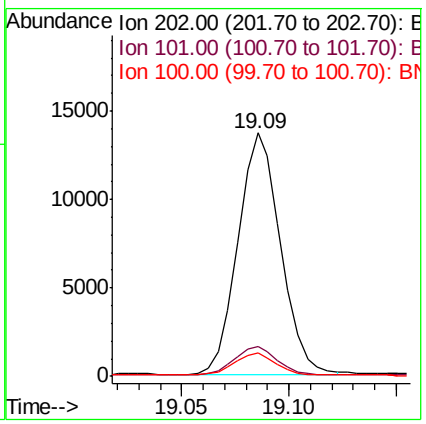




#15
Fluoranthene
Concen: 0.912 ng/ul m
RT: 19.09 min Scan# 4138
Delta R.T. -0.01 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

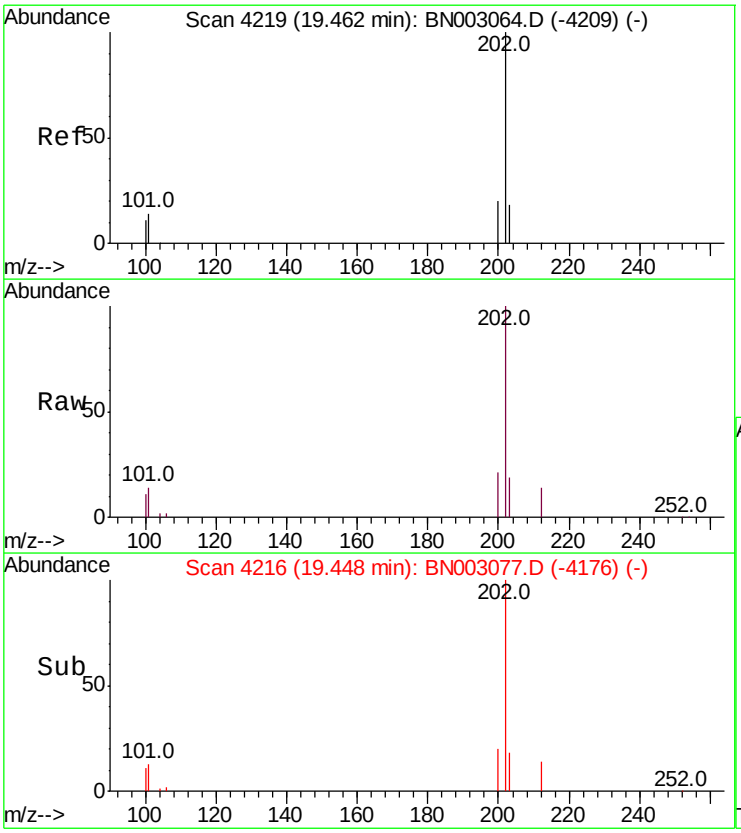
Tgt Ion:202 Resp: 19007

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.3
100	9.4	0.0	29.1



Instrument :
BNA_N
ClientSampleId :
C0AD8

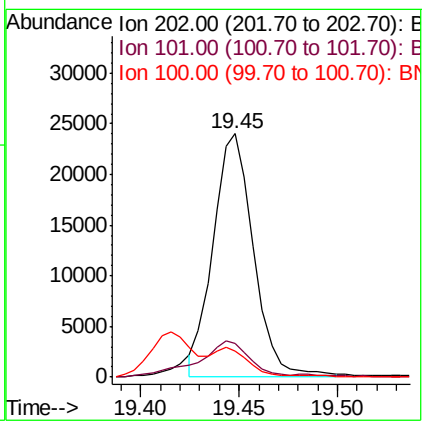
Manual Integrations APPROVED
Sohil
10/11/2018 5:45:48 PM

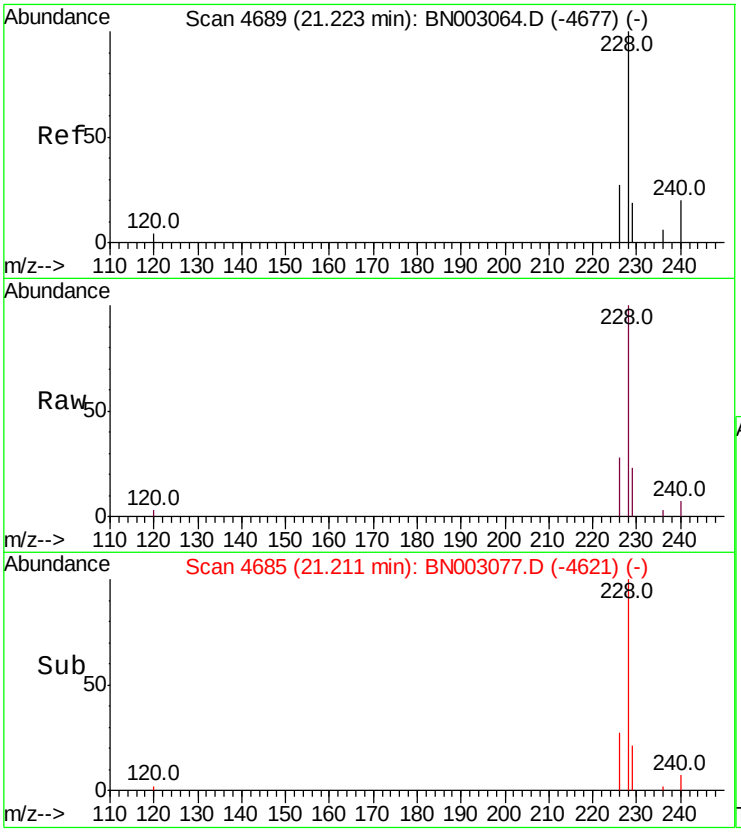


#17
Pyrene
Concen: 1.809 ng/ul m
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

Tgt Ion:202 Resp: 34169

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.9	17.9
100	10.9	9.9	14.9

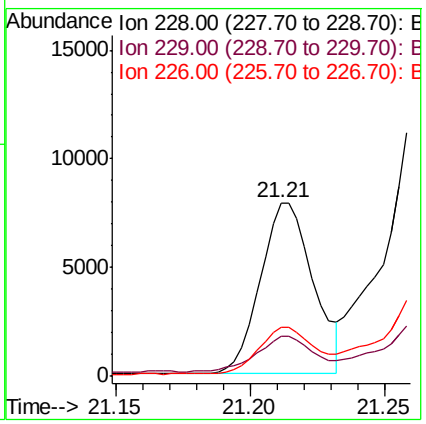




#18
Benzo(a)anthracene
Concen: 0.687 ng/ul
RT: 21.21 min Scan# 4685
Delta R.T. -0.01 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

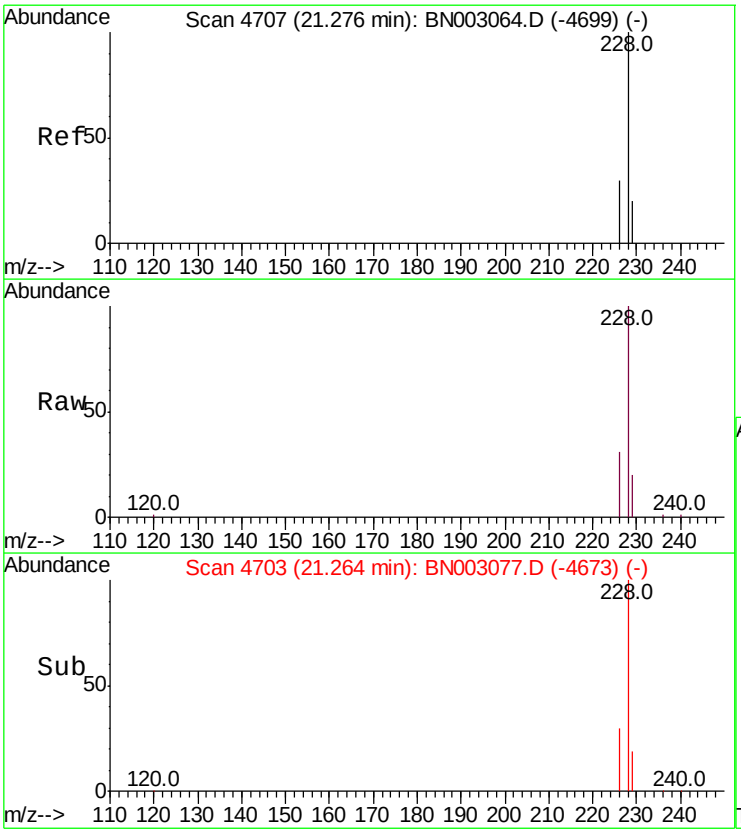
Tgt Ion:228 Resp: 10753

Ion	Ratio	Lower	Upper
228	100		
229	22.8	16.2	24.2
226	28.1	22.3	33.5



Instrument :
BNA_N
ClientSampleId :
C0AD8

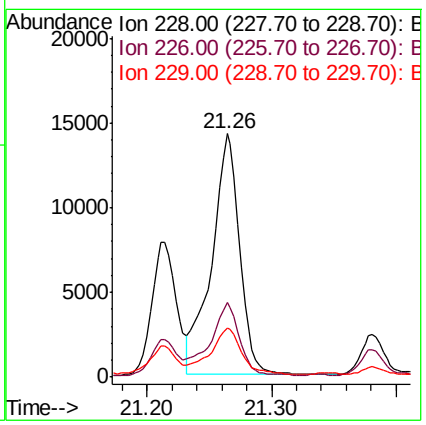
Manual Integrations APPROVED
Sohil
10/11/2018 5:45:48 PM

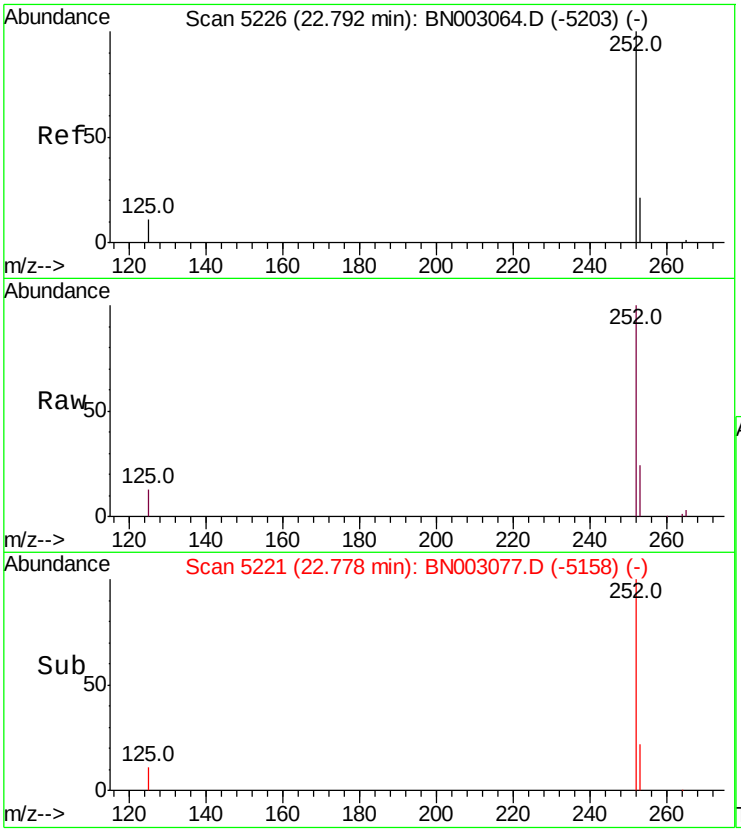


#19
Chrysene
Concen: 1.405 ng/ul
RT: 21.26 min Scan# 4703
Delta R.T. -0.01 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

Tgt Ion:228 Resp: 22326

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	20.3	16.7	25.1





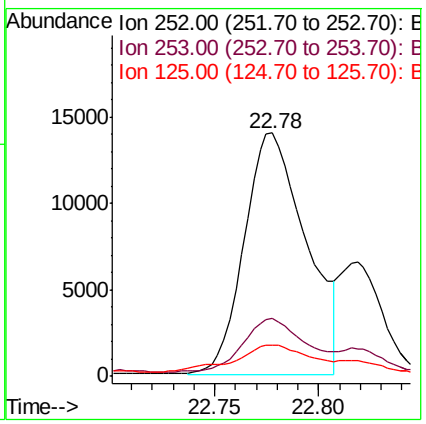
#21
Benzo(b)fluoranthene
Concen: 1.712 ng/ul m
RT: 22.78 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

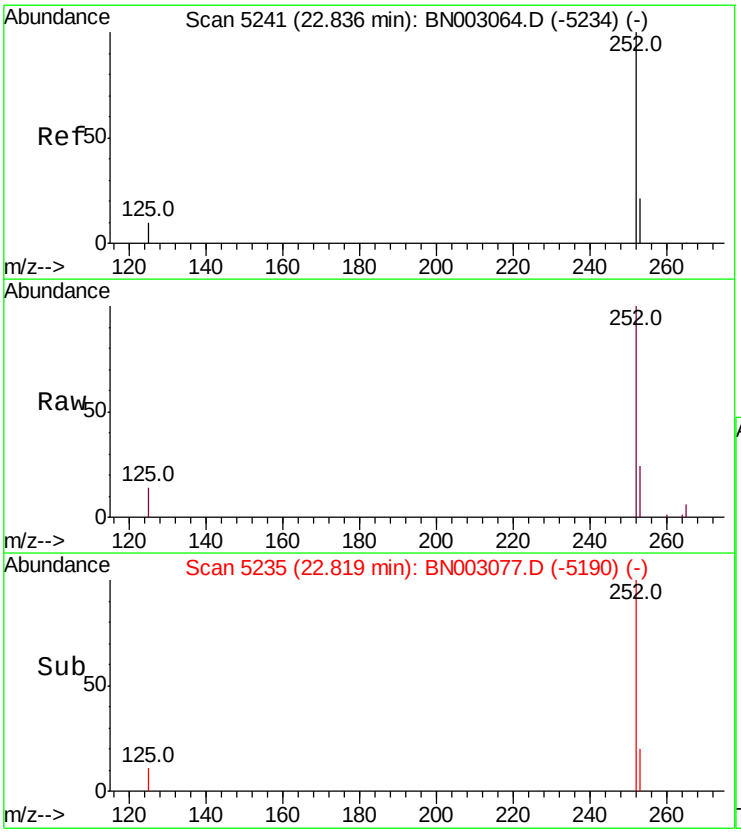
Tgt Ion:252 Resp: 29023

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	53.2
125	12.6	0.0	34.2

Instrument :
BNA_N
ClientSampleId :
C0AD8

Manual Integrations APPROVED
Sohil
10/11/2018 5:45:48 PM

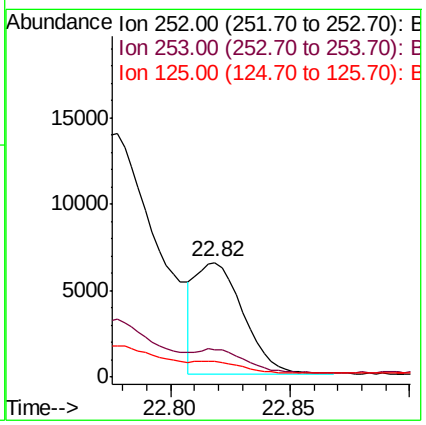


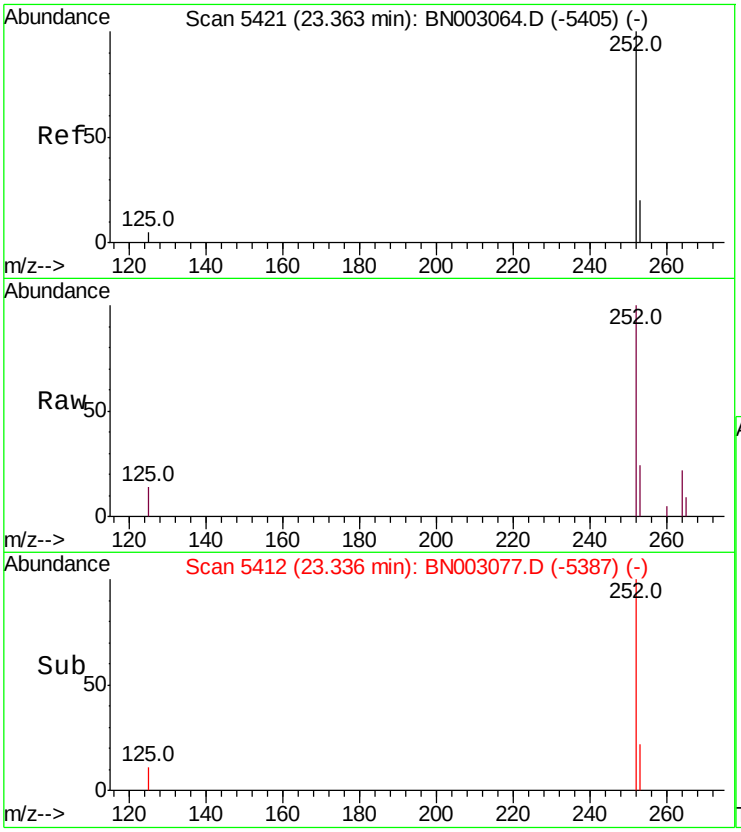


#22
Benzo(k)fluoranthene
Concen: 0.525 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.02 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

Tgt Ion:252 Resp: 9223

Ion	Ratio	Lower	Upper
252	100		
253	24.3	21.3	31.9
125	13.9	14.1	21.1#





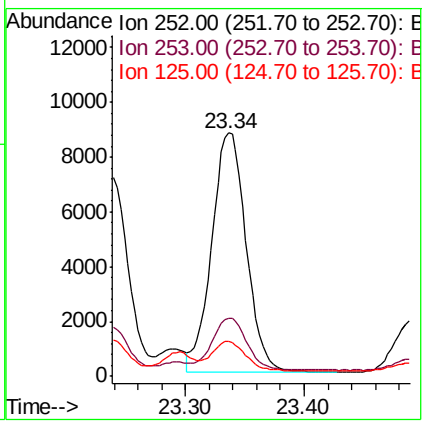
#23
Benzo(a)pyrene
Concen: 1.158 ng/ul
RT: 23.34 min Scan# 5412
Delta R.T. -0.03 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

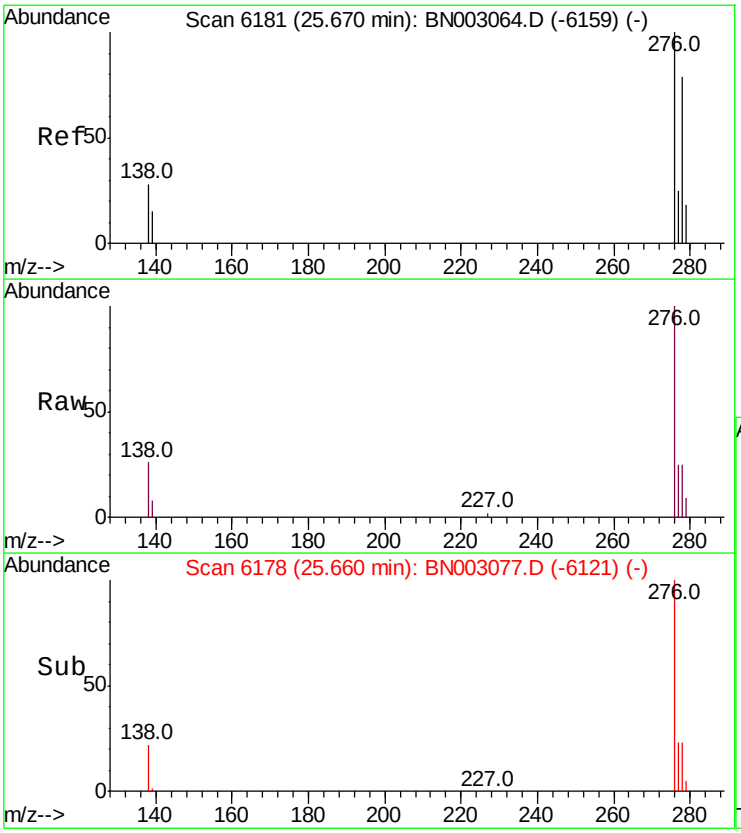
Tgt Ion:252 Resp: 17594

Ion	Ratio	Lower	Upper
252	100		
253	23.9	23.1	34.7
125	14.3	16.9	25.3#

Instrument :
BNA_N
ClientSampleId :
C0AD8

Manual Integrations APPROVED
Sohil
10/11/2018 5:45:48 PM

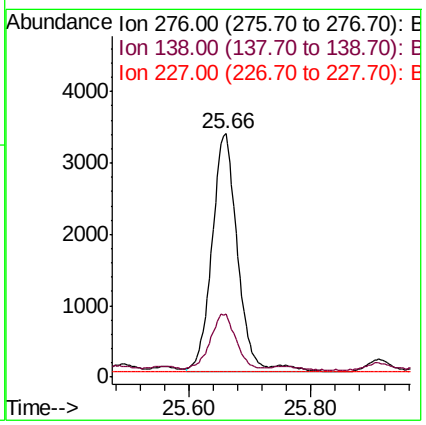


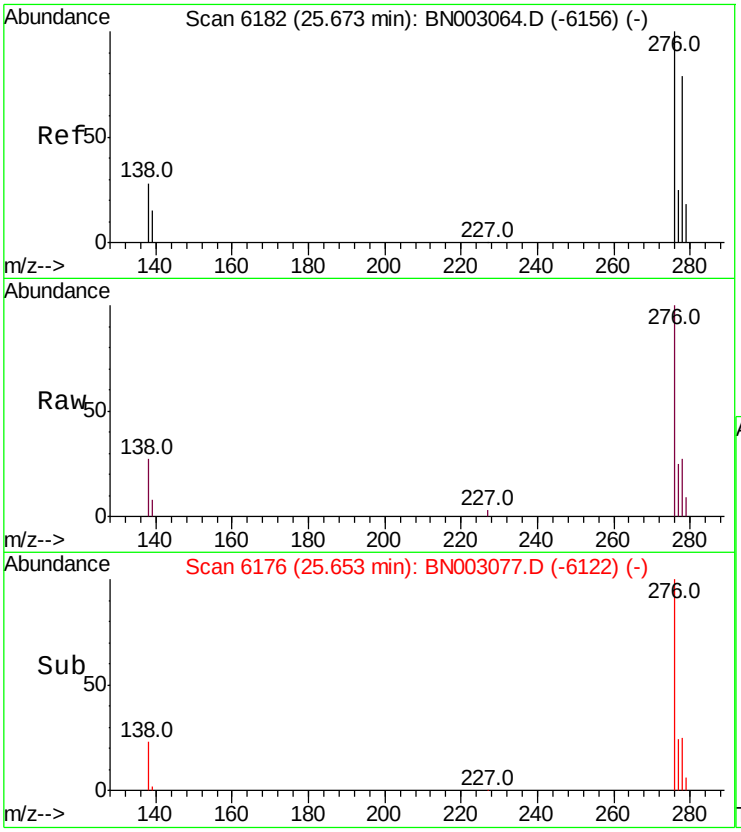


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.561 ng/ul
RT: 25.66 min Scan# 6178
Delta R.T. -0.01 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

Tgt Ion:276 Resp: 9797

Ion	Ratio	Lower	Upper
276	100		
138	23.1	21.5	32.3
227	0.1	0.3	0.5#





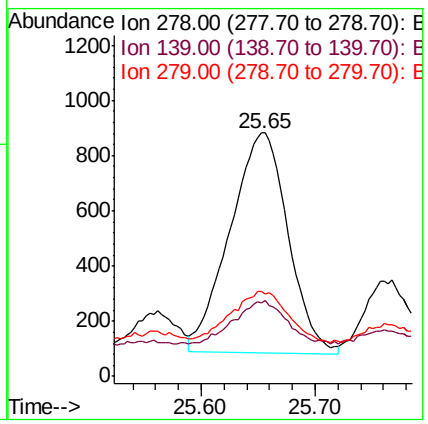
#25
Dibenzo(a,h)anthracene
Concen: 0.202 ng/ul
RT: 25.65 min Scan# 6176
Delta R.T. -0.02 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

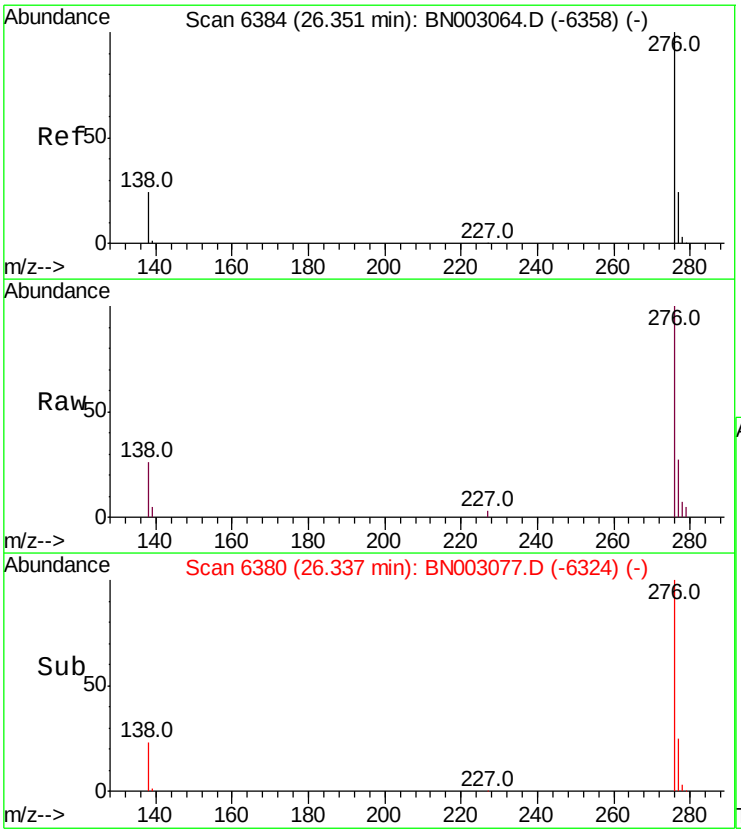
Tgt Ion:278 Resp: 2817

Ion	Ratio	Lower	Upper
278	100		
139	30.4	20.2	30.4#
279	34.8	23.8	35.8

Instrument :
BNA_N
ClientSampleId :
C0AD8

Manual Integrations APPROVED
Sohil
10/11/2018 5:45:48 PM





#26
Benzo(g,h,i)perylene
Concen: 0.519 ng/ul
RT: 26.34 min Scan# 6380
Delta R.T. -0.01 min
Lab File: BN003077.D
Acq: 10 Oct 2018 22:52

Tgt Ion:276 Resp: 7634

Ion	Ratio	Lower	Upper
276	100		
138	26.4	23.0	34.4
277	27.1	22.0	33.0