Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
Data File : BN003016.D
Acq On : 09 Oct 2018 08:25
Operator : MJ/SJ
Sample : J5116-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC55

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:30 PM

Quant Time: Oct 09 10:38:00 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 : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1214	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	5251	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3242	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7634m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	8028m	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	8678	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	2974	0.37	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	8385m	0.38	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	888	0.066	ng/ul#	82
5) 2-Methylnaphthalene	12.08	142	592	0.064	ng/ul	93
7) Acenaphthylene	13.98	152	1319	0.089	ng/ul#	87
8) Acenaphthene	14.32	153	828	0.074	ng/ul	96
9) Fluorene	15.32	166	670	0.052	ng/ul#	93
11) Pentachlorophenol	16.71	266	912m	1.231	ng/ul	
12) Phenanthrene	17.06	178	16515	0.776	ng/ul	99
13) Anthracene	17.15	178	3775m	0.188	ng/ul	
15) Fluoranthene	19.09	202	52522m	2.104	ng/ul	
17) Pyrene	19.45	202	53936	1.730	ng/ul	97
18) Benzo(a)anthracene	21.21	228	33537	1.298	ng/ul	99
19) Chrysene	21.26	228	67986	2.592	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	105758m	3.384	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	26575m	0.820	ng/ul	
23) Benzo(a)pyrene	23.34	252	32396	1.157	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.64	276	37318	1.159	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	9457	0.367	ng/ul#	82
26) Benzo(g,h,i)perylene	26.32	276	36629	1.350	ng/ul	96

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

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Manual Integrations APPROVED
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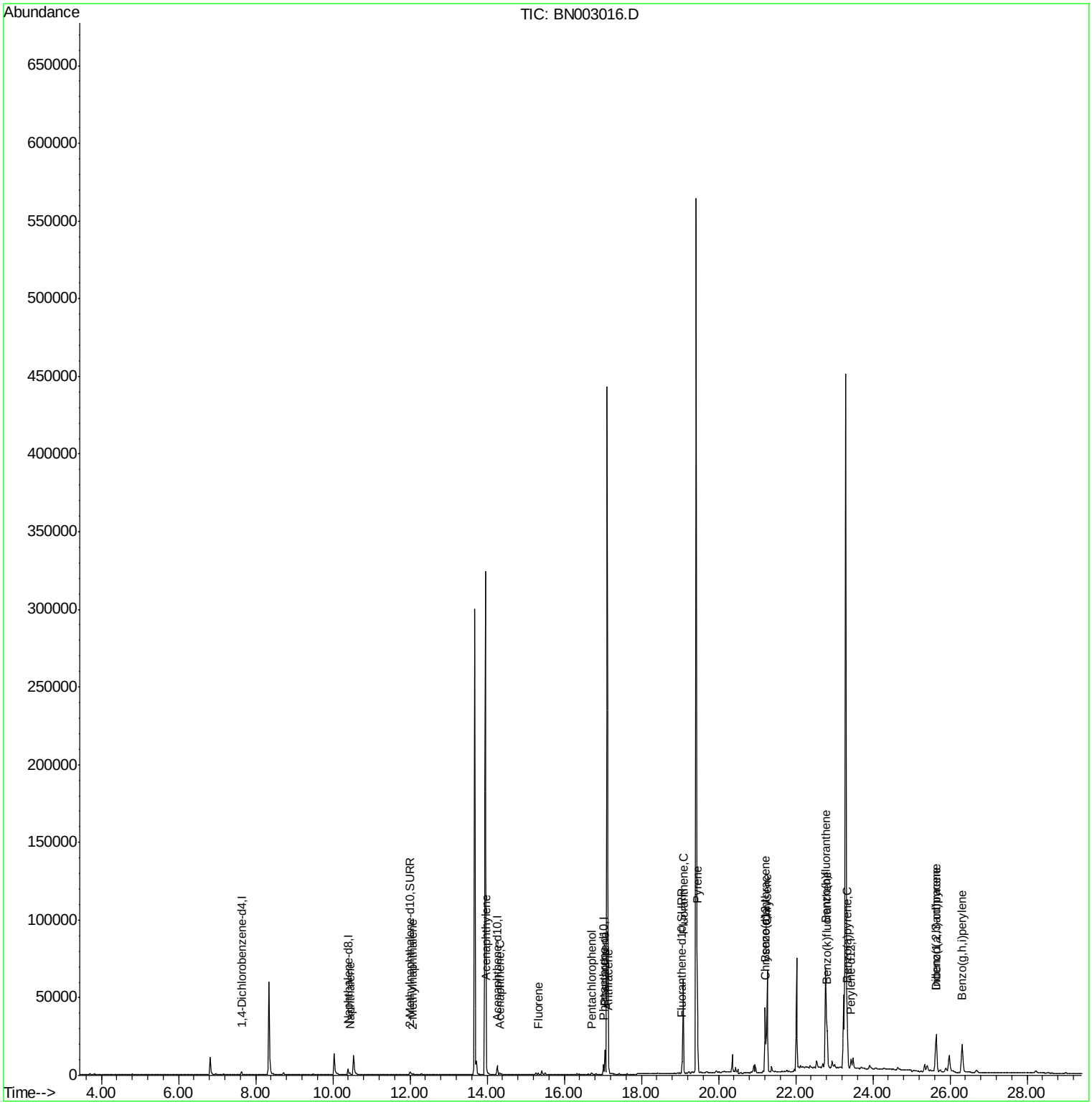
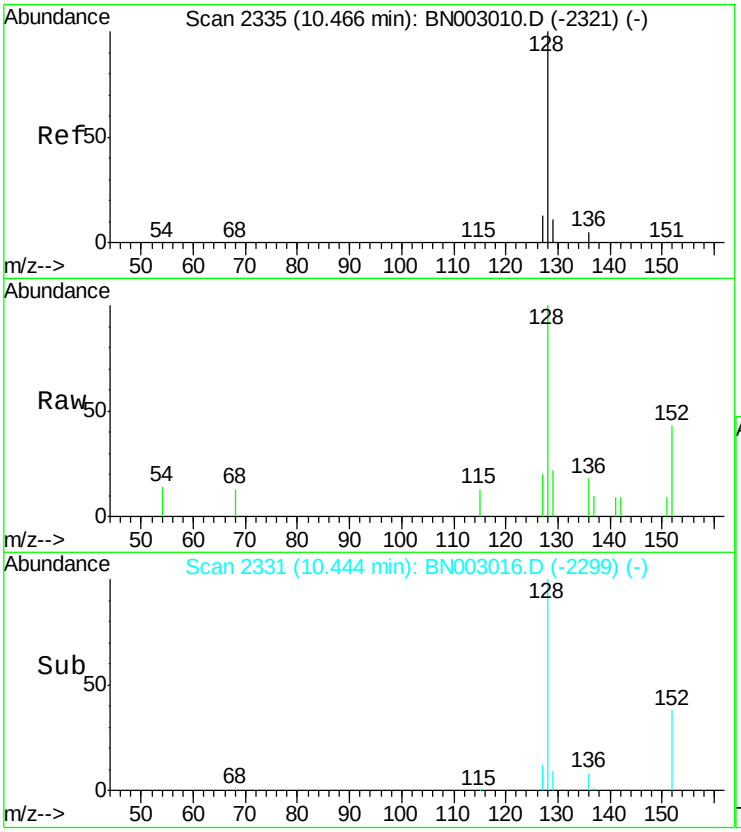
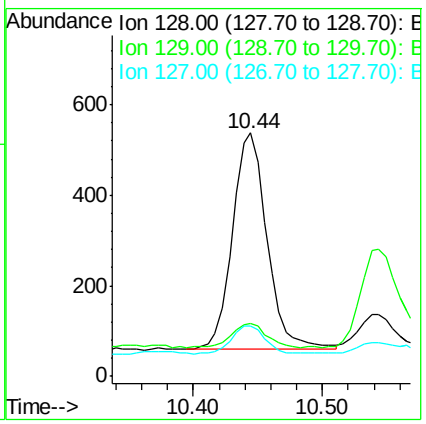




#3
Naphthalene
Concen: 0.066 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.02 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:128 Resp: 888

Ion	Ratio	Lower	Upper
128	100		
129	21.9	10.4	15.6#
127	20.4	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
JLC55

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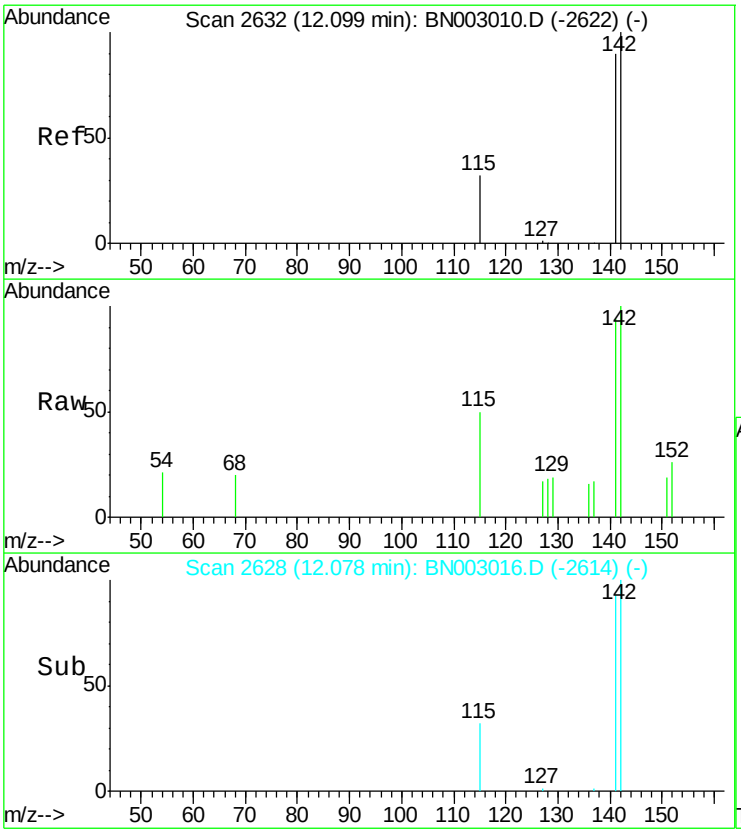
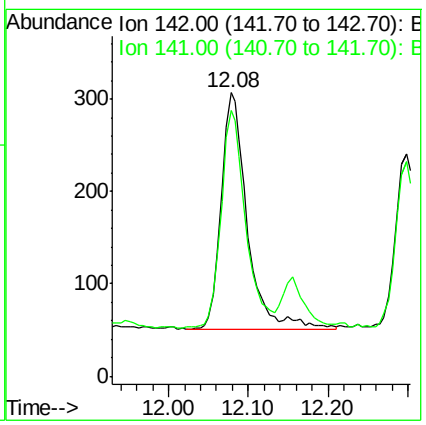
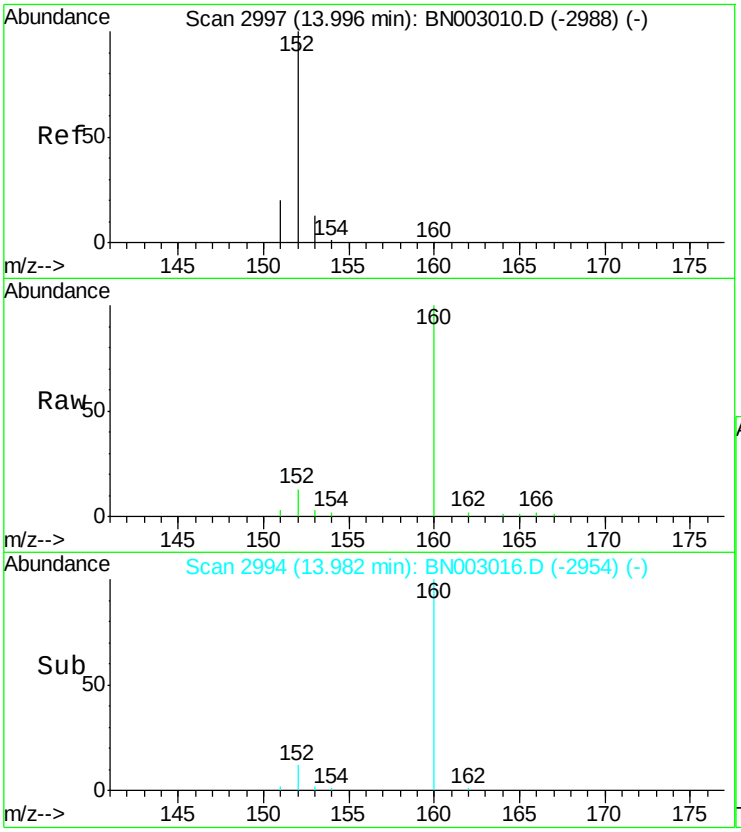


#5
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.08 min Scan# 2628
Delta R.T. -0.02 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:142 Resp: 592

Ion	Ratio	Lower	Upper
142	100		
141	85.5	73.4	110.0





#7
Acenaphthylene
Concen: 0.089 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.01 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:152 Resp: 1319

Ion	Ratio	Lower	Upper
152	100		
151	26.3	16.5	24.7#
153	20.4	11.4	17.2#

Instrument :
BNA_N
ClientSampleId :
JLC55

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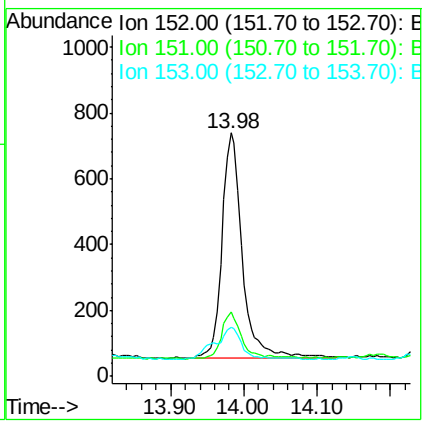
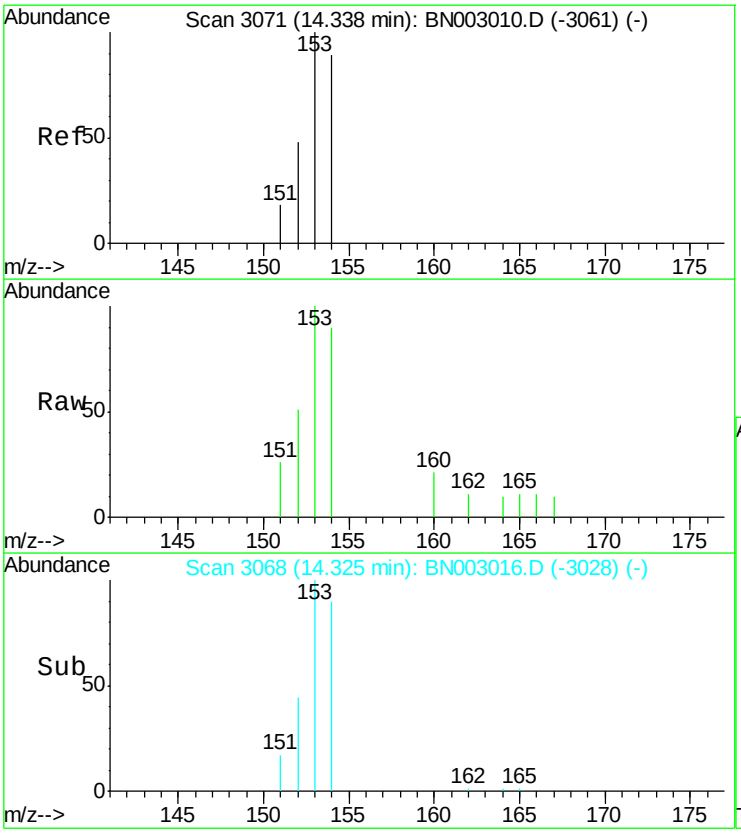
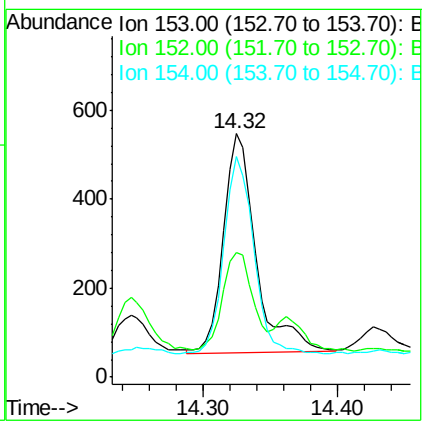


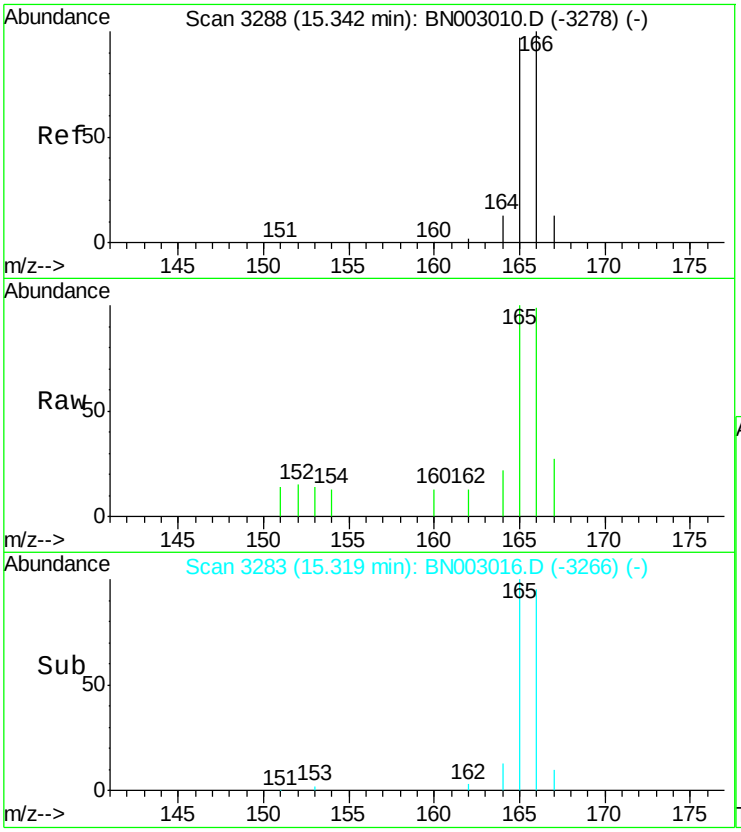


#8
Acenaphthene
Concen: 0.074 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:153 Resp: 828

Ion	Ratio	Lower	Upper
153	100		
152	51.2	38.2	57.4
154	90.5	70.2	105.2

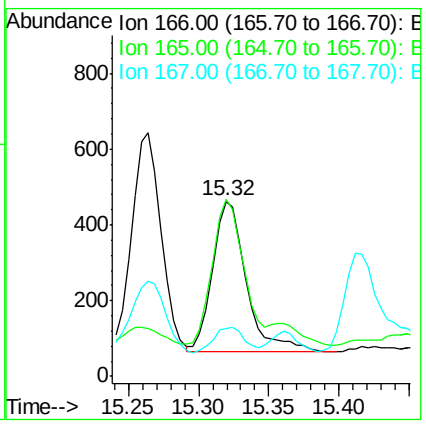




#9
Fluorene
Concen: 0.052 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. -0.02 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:166 Resp: 670

Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.5	117.7
167	27.5	11.6	17.4#



Instrument :
BNA_N
ClientSampleId :
JLC55

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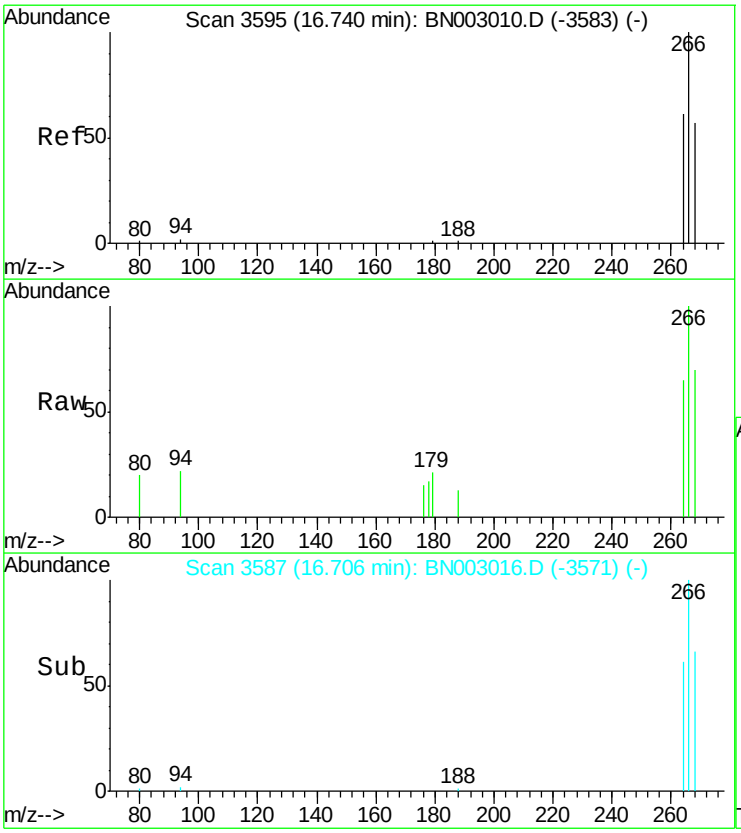
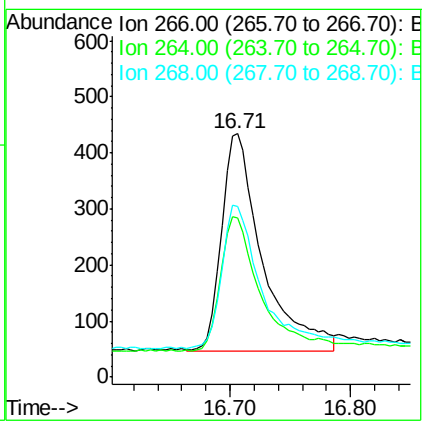
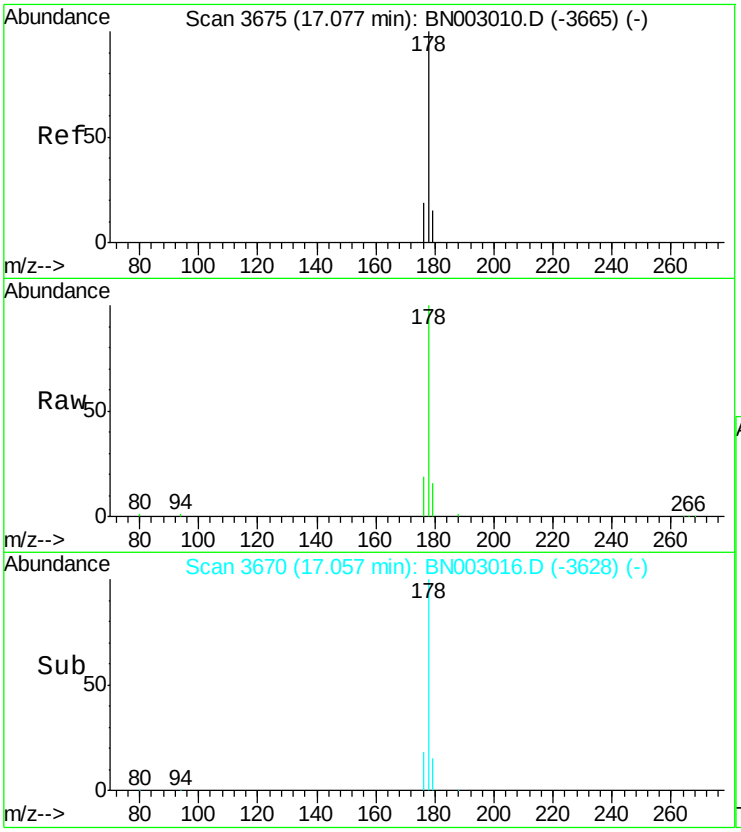


#11
Pentachlorophenol
Concen: 1.231 ng/ul m
RT: 16.71 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:266 Resp: 912

Ion	Ratio	Lower	Upper
266	100		
264	0.0	52.5	78.7#
268	0.0	48.6	72.8#

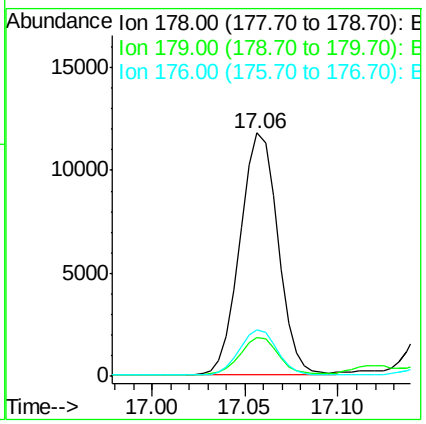




#12
Phenanthrene
Concen: 0.776 ng/ul
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:178 Resp: 16515

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	19.1	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED
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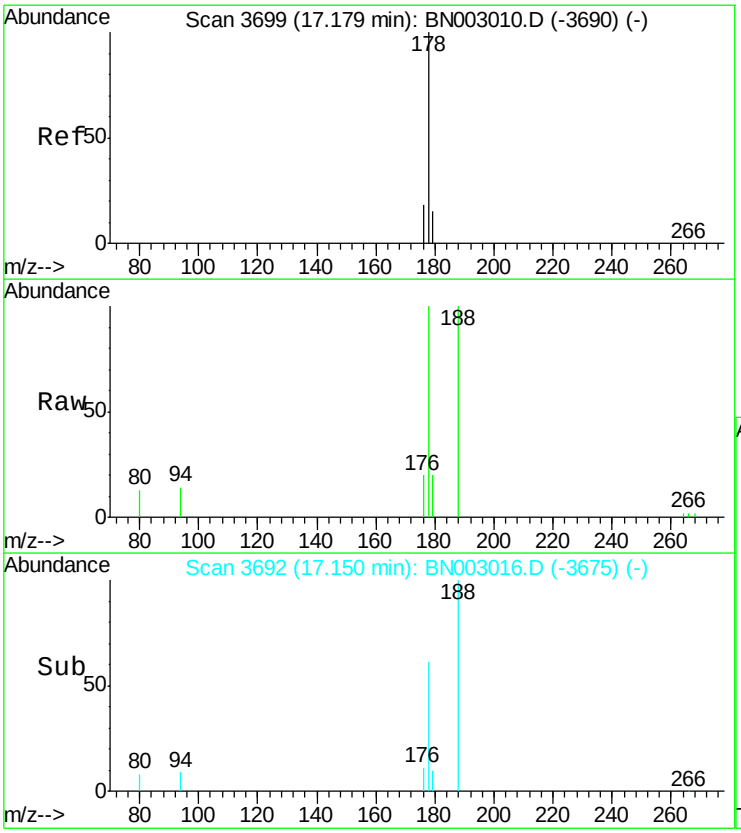
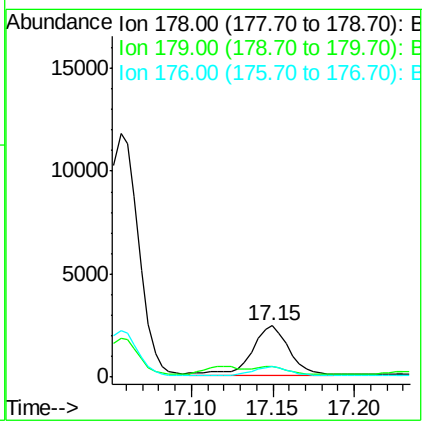
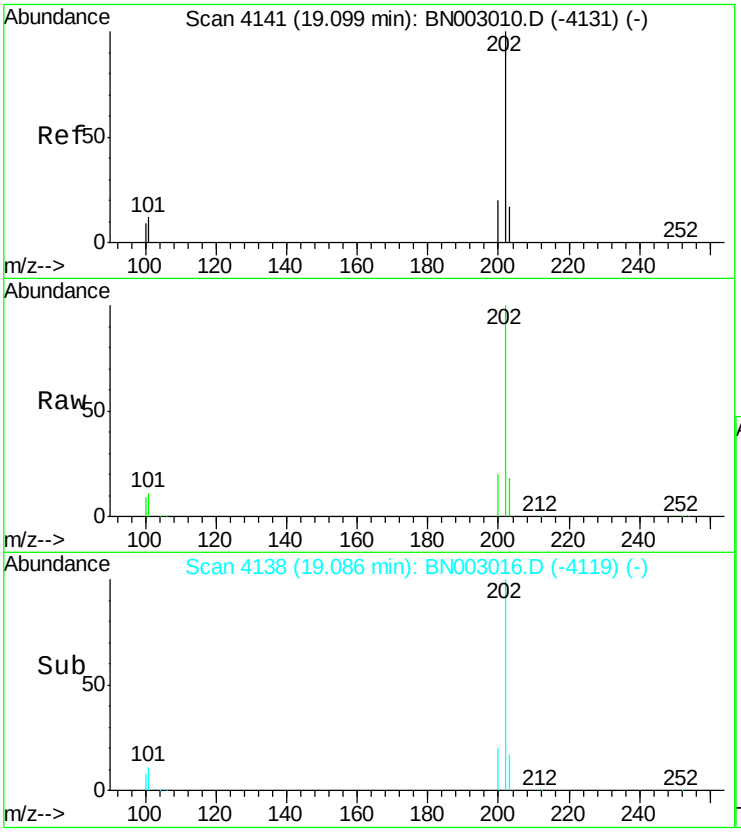


#13
Anthracene
Concen: 0.188 ng/ul m
RT: 17.15 min Scan# 3692
Delta R.T. -0.03 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:178 Resp: 3775

Ion	Ratio	Lower	Upper
178	100		
179	20.0	13.0	19.6#
176	19.9	15.3	22.9

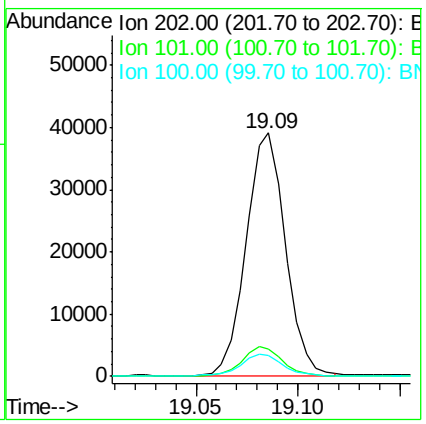




#15
Fluoranthene
Concen: 2.104 ng/ul m
RT: 19.09 min Scan# 4138
Delta R.T. -0.01 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:202 Resp: 52522

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.3
100	8.5	0.0	29.1



Instrument :
BNA_N
ClientSampleId :
JLC55

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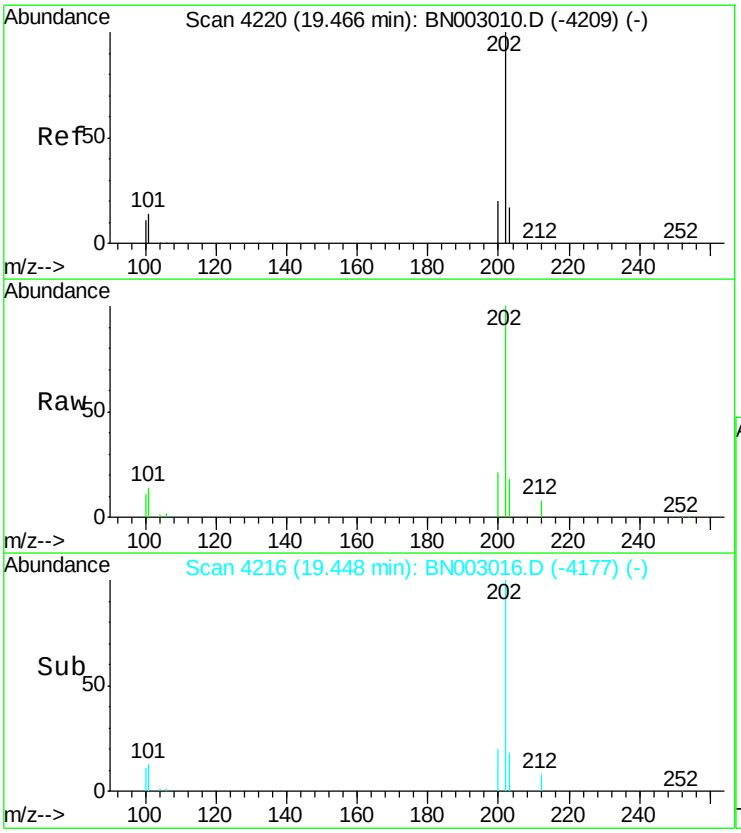
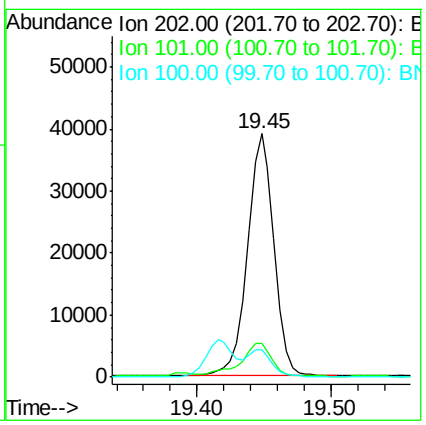
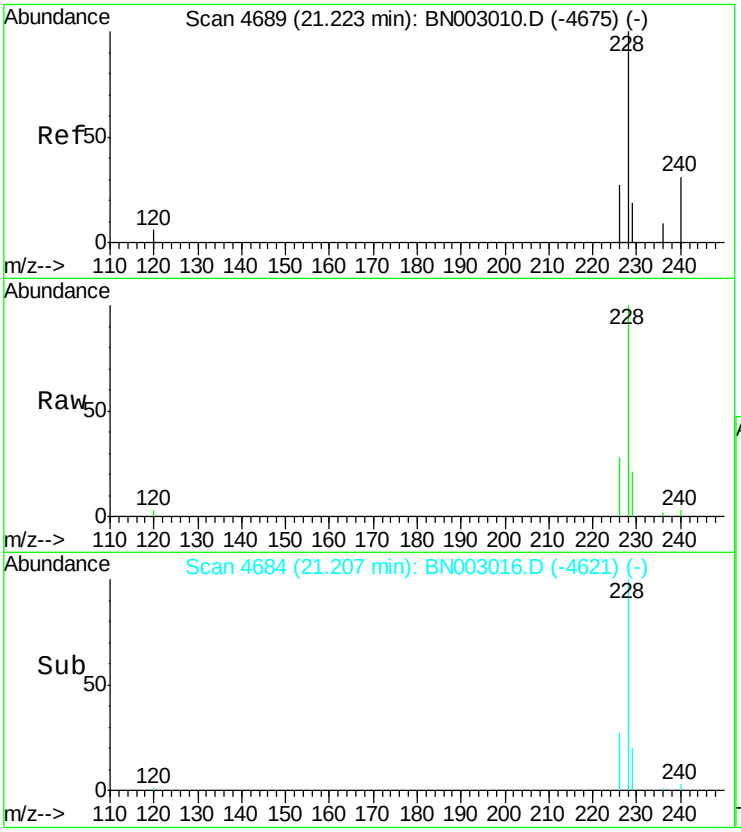


#17
Pyrene
Concen: 1.730 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.02 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:202 Resp: 53936

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.9	17.9
100	11.1	9.9	14.9

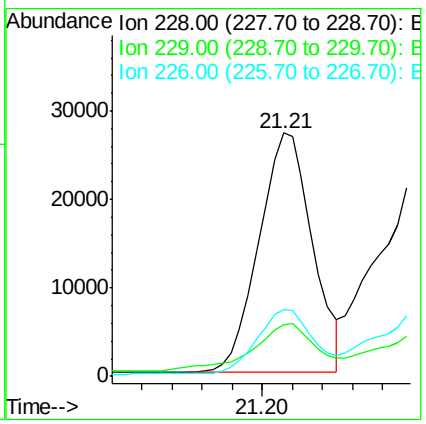




#18
Benzo(a)anthracene
Concen: 1.298 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.02 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:228 Resp: 33537

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.2	24.2
226	27.6	22.3	33.5



Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED
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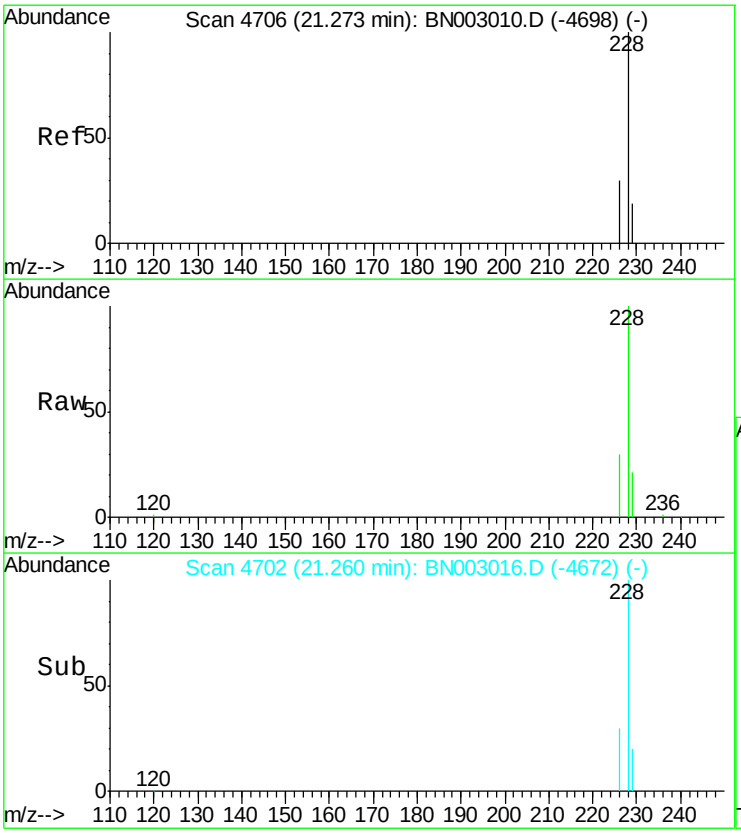
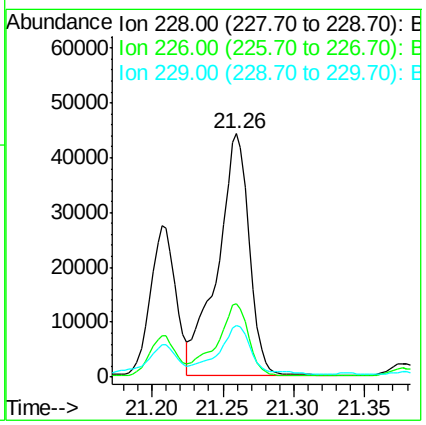
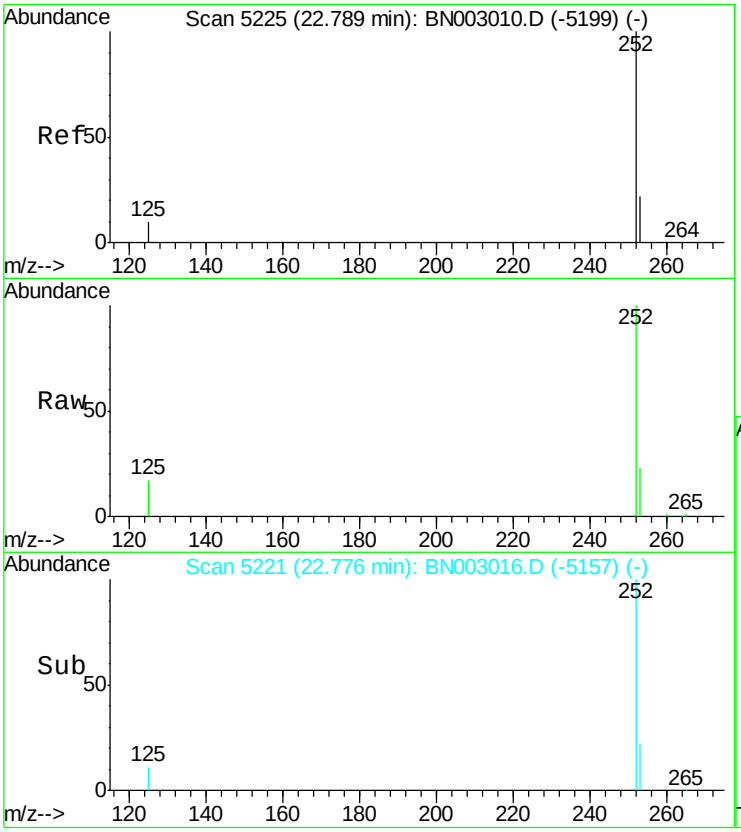


#19
Chrysene
Concen: 2.592 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:228 Resp: 67986

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	21.4	16.7	25.1

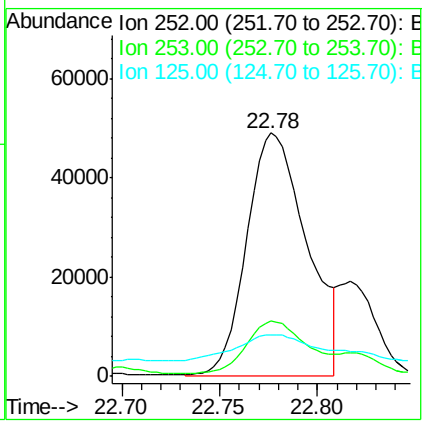




#21
Benzo(b)fluoranthene
Concen: 3.384 ng/ul m
RT: 22.78 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:252 Resp: 105758

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	53.2
125	17.2	0.0	34.2



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ClientSampleId :
JLC55

Manual Integrations APPROVED
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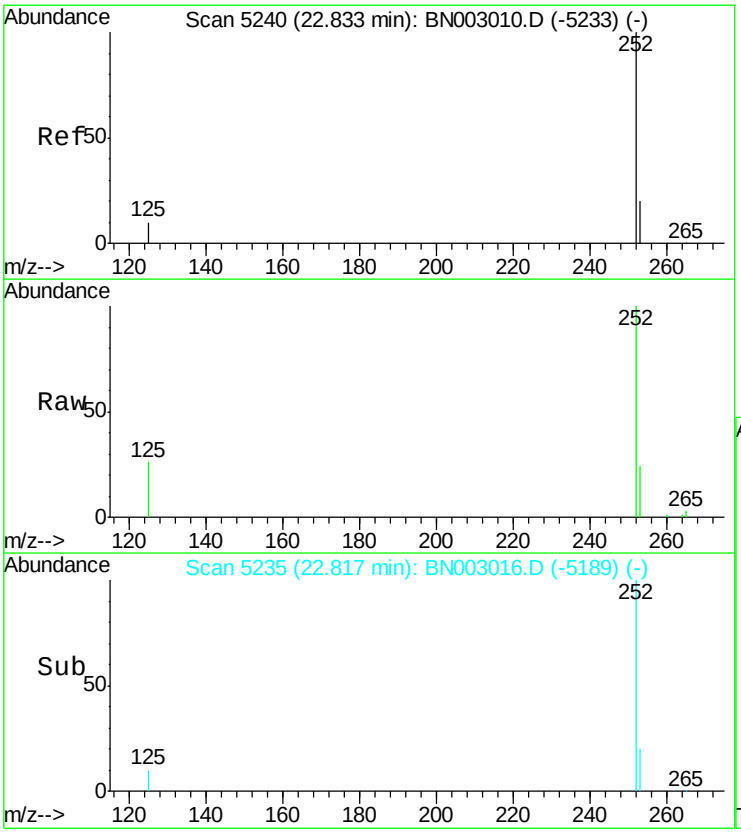
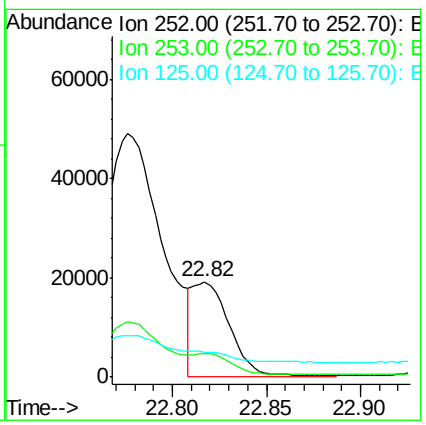
10/9/2018 5:38:30 PM

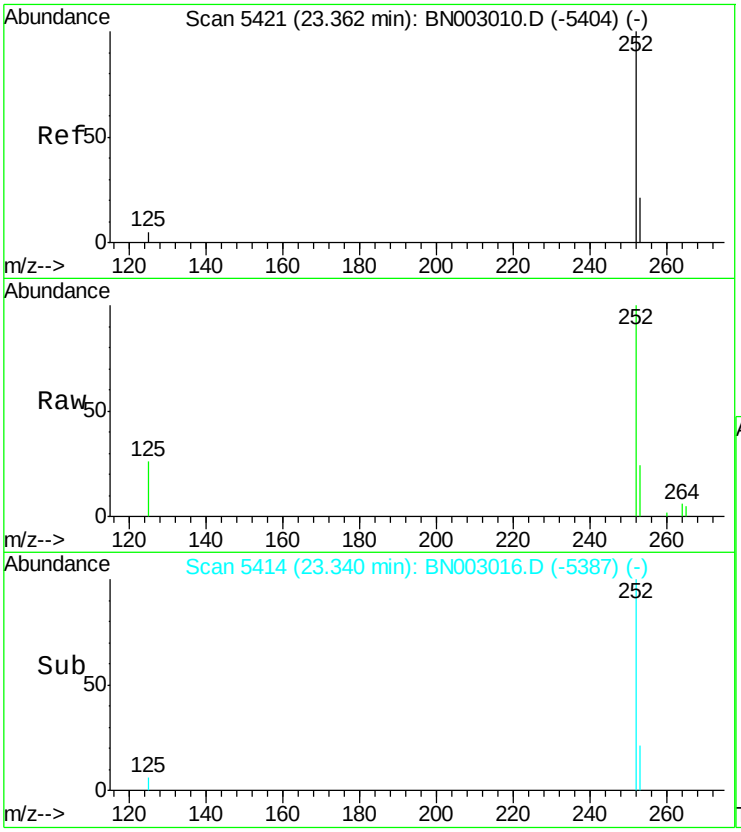


#22
Benzo(k)fluoranthene
Concen: 0.820 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.02 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:252 Resp: 26575

Ion	Ratio	Lower	Upper
252	100		
253	24.5	21.3	31.9
125	26.4	14.1	21.1#





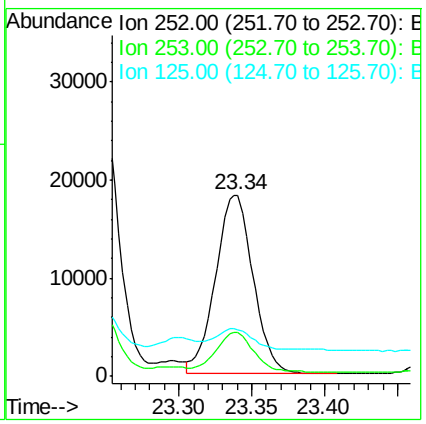
#23
Benzo(a)pyrene
Concen: 1.157 ng/ul
RT: 23.34 min Scan# 5414
Delta R.T. -0.02 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

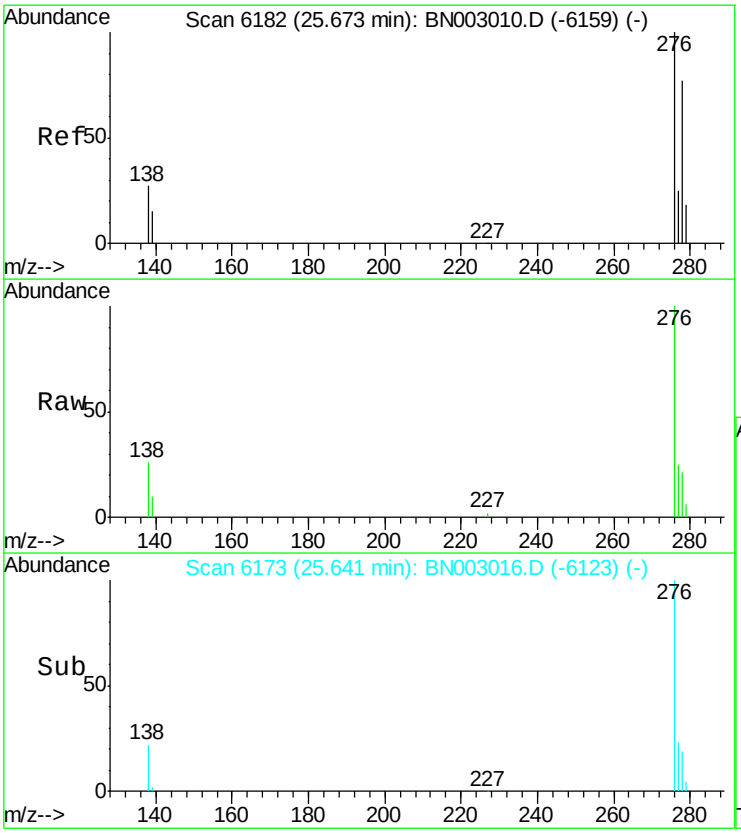
Tgt Ion:252 Resp: 32396

Ion	Ratio	Lower	Upper
252	100		
253	24.1	23.1	34.7
125	26.0	16.9	25.3#

Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:30 PM

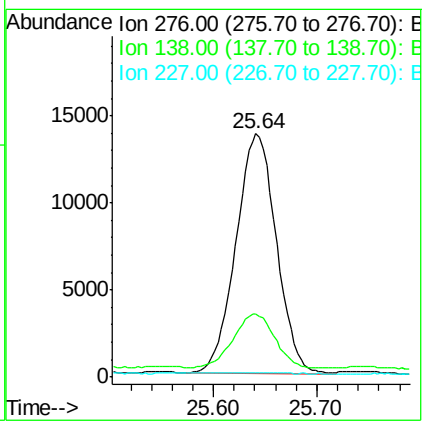


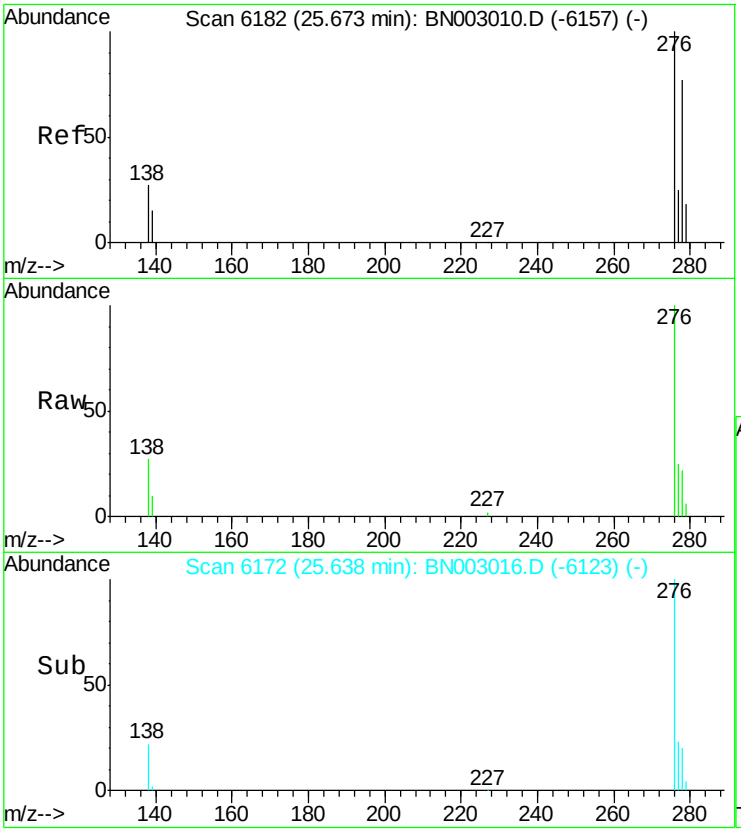


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.159 ng/ul
RT: 25.64 min Scan# 6173
Delta R.T. -0.03 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:276 Resp: 37318

Ion	Ratio	Lower	Upper
276	100		
138	23.5	21.5	32.3
227	0.6	0.3	0.5#

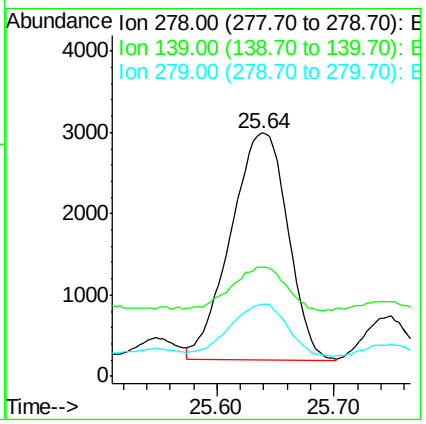




#25
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 25.64 min Scan# 6172
Delta R.T. -0.04 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

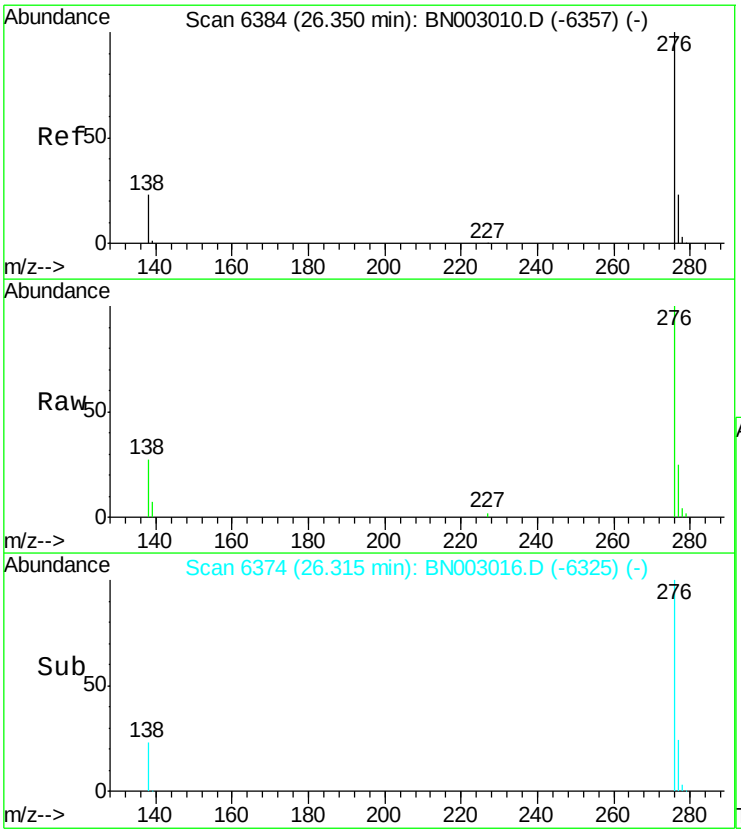
Tgt Ion:278 Resp: 9457

Ion	Ratio	Lower	Upper
278	100		
139	45.1	20.2	30.4#
279	29.4	23.8	35.8



Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:30 PM



#26
Benzo(g,h,i)perylene
Concen: 1.350 ng/ul
RT: 26.32 min Scan# 6374
Delta R.T. -0.04 min
Lab File: BN003016.D
Acq: 09 Oct 2018 08:25

Tgt Ion:276 Resp: 36629

Ion	Ratio	Lower	Upper
276	100		
138	26.8	23.0	34.4
277	25.0	22.0	33.0