Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003058.D
Acq On : 10 Oct 2018 09:35
Operator : MJ/SJ
Sample : J5115-18DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLC61DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:31 PM

Quant Time: Oct 10 11:57:58 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 : Wed Oct 10 08:36:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1660	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	7048	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4232	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	9823	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	9103	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	7294	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	484	0.04	ng/ul	0.01
14) Fluoranthene-d10	19.06	212	1339	0.05	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.06	178	4792	0.175	ng/ul	99
13) Anthracene	17.15	178	888	0.034	ng/ul#	78
15) Fluoranthene	19.09	202	12870	0.401	ng/ul	99
17) Pyrene	19.45	202	14182	0.401	ng/ul	99
18) Benzo(a)anthracene	21.21	228	7996	0.273	ng/ul	96
19) Chrysene	21.26	228	13371	0.450	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	16364m	0.623	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	4803m	0.176	ng/ul	
23) Benzo(a)pyrene	23.34	252	5864	0.249	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.65	276	4846	0.179	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.65	278	1304	0.060	ng/ul#	45
26) Benzo(g,h,i)perylene	26.32	276	5212	0.228	ng/ul	98

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

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Manual Integrations APPROVED
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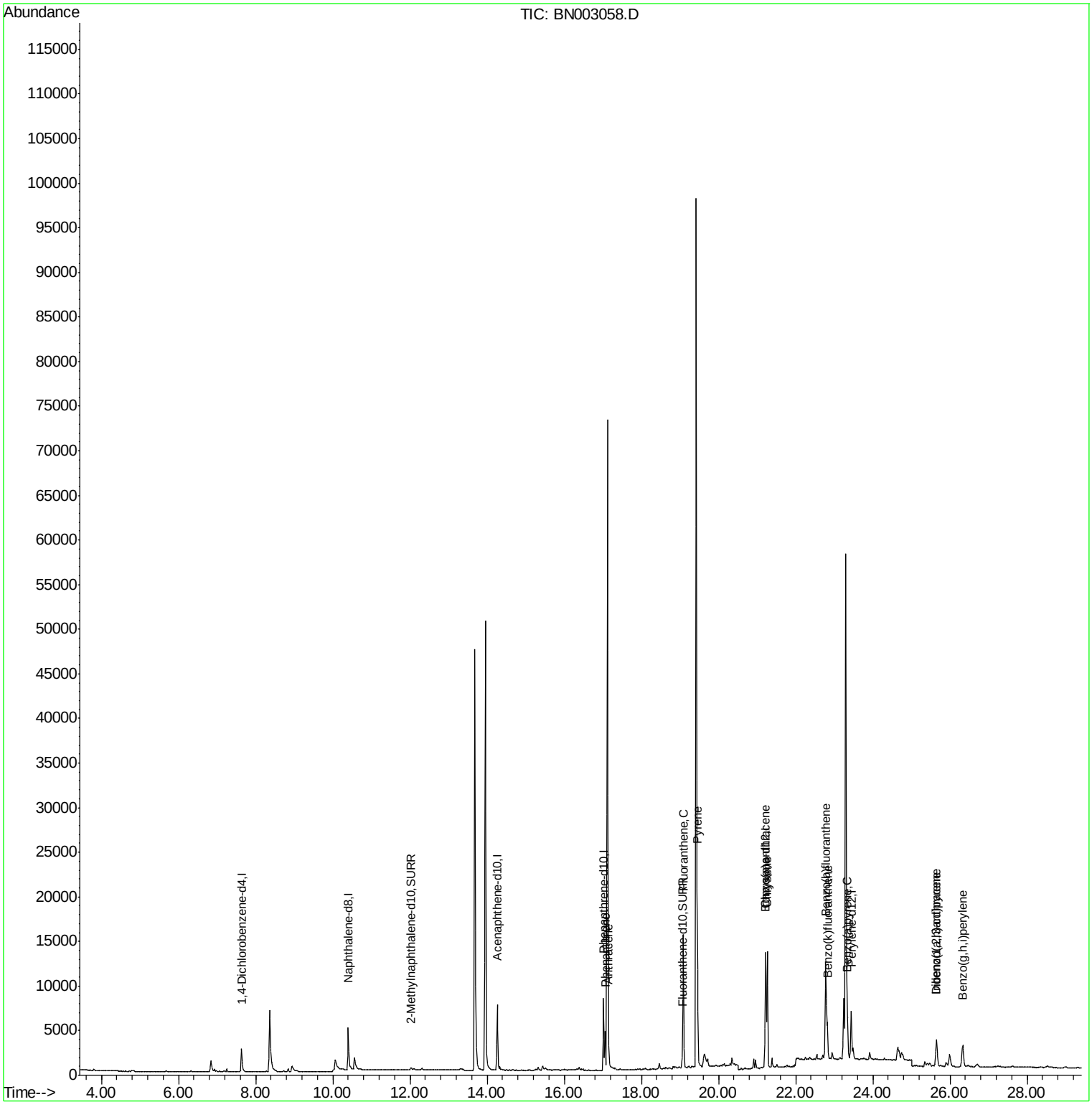
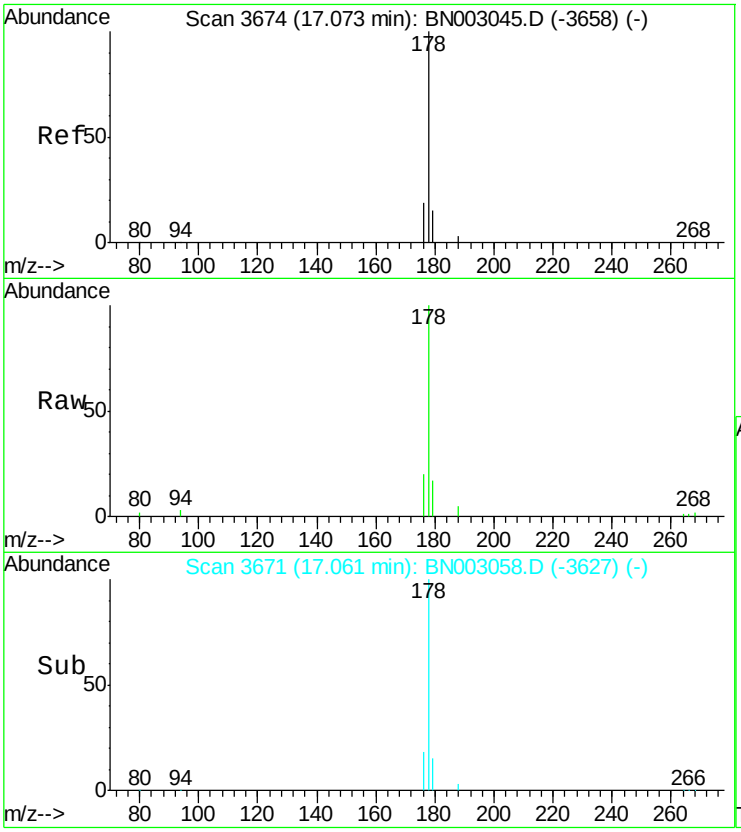
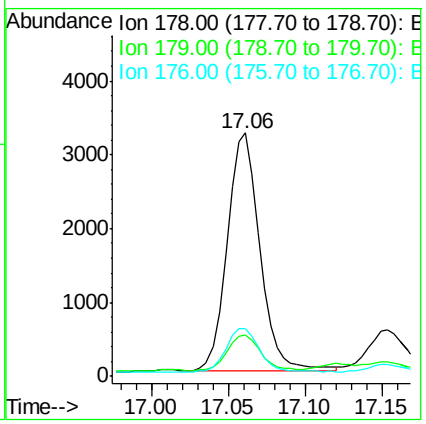




#12
Phenanthrene
Concen: 0.175 ng/ul
RT: 17.06 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BN003058.D
Acq: 10 Oct 2018 09:35

Tgt Ion:178 Resp: 4792

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.9	19.3
176	19.6	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
JLC61DL

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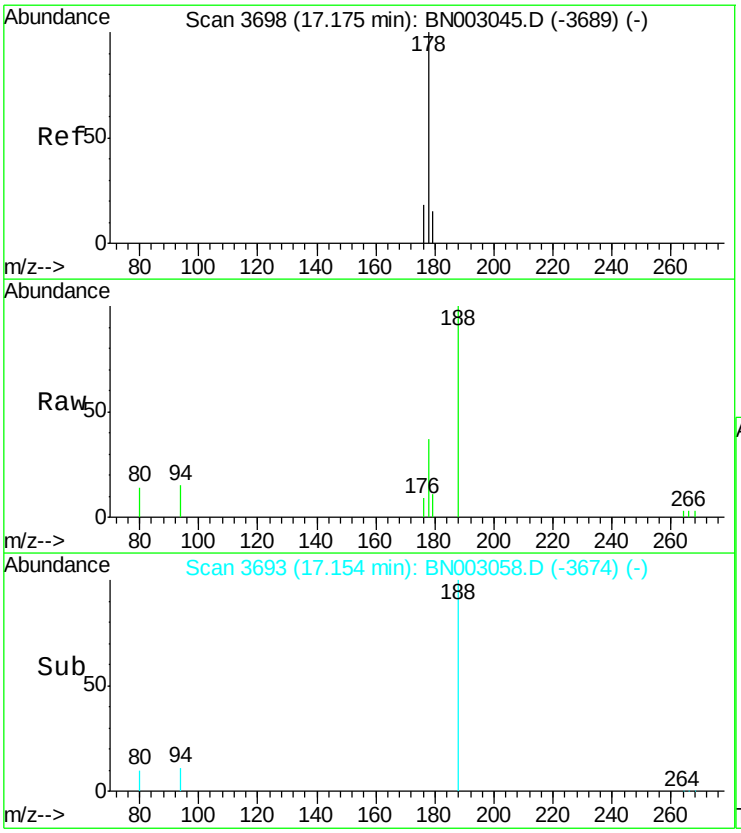
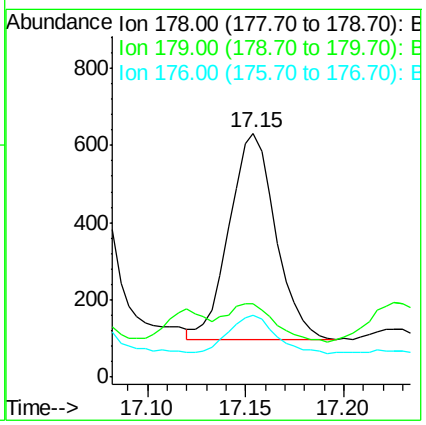
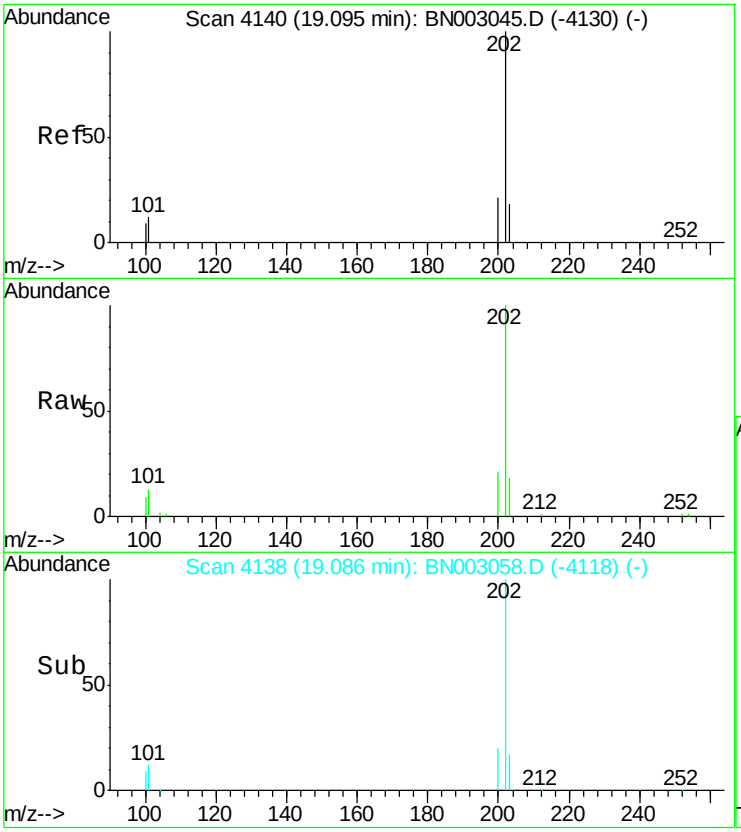


#13
Anthracene
Concen: 0.034 ng/ul
RT: 17.15 min Scan# 3693
Delta R.T. -0.02 min
Lab File: BN003058.D
Acq: 10 Oct 2018 09:35

Tgt Ion:178 Resp: 888

Ion	Ratio	Lower	Upper
178	100		
179	30.1	13.0	19.6#
176	25.4	15.3	22.9#

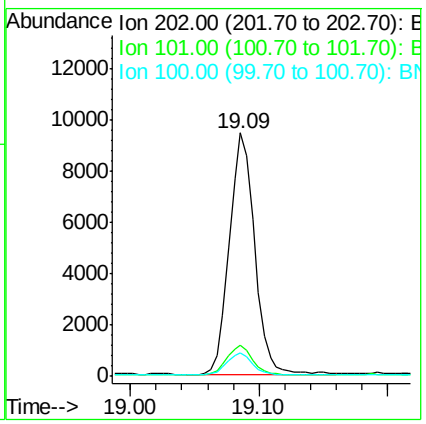




#15
Fluoranthene
Concen: 0.401 ng/ul
RT: 19.09 min Scan# 4138
Delta R.T. -0.01 min
Lab File: BN003058.D
Acq: 10 Oct 2018 09:35

Tgt Ion:202 Resp: 12870

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.3
100	9.5	0.0	29.1



Instrument :
BNA_N
ClientSampleId :
JLC61DL

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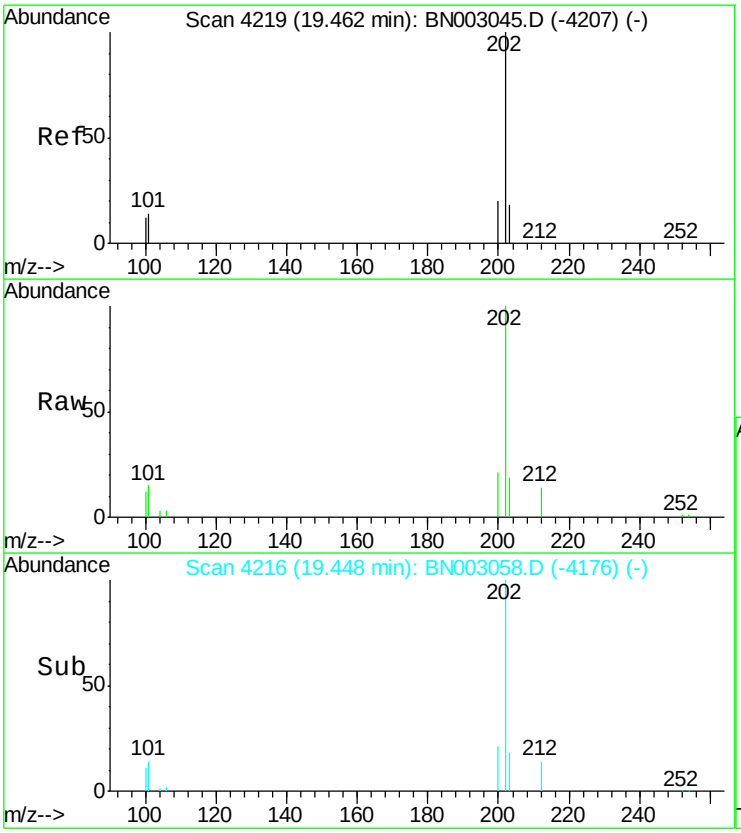
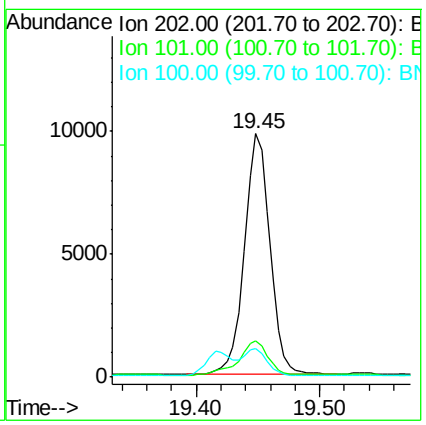
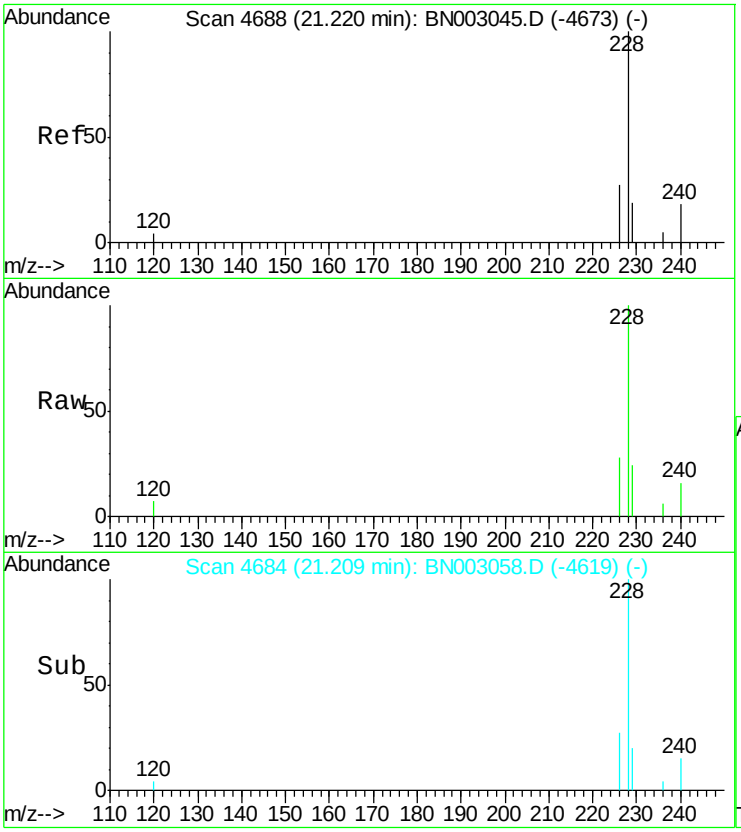


#17
Pyrene
Concen: 0.401 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003058.D
Acq: 10 Oct 2018 09:35

Tgt Ion:202 Resp: 14182

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

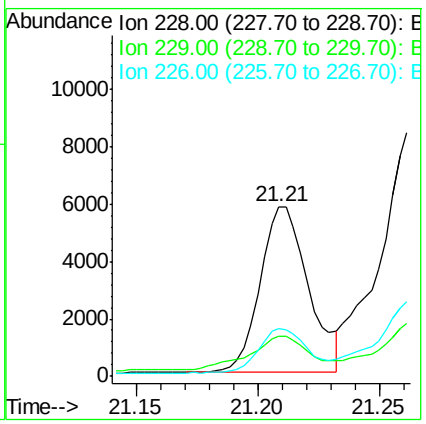




#18
Benzo(a)anthracene
Concen: 0.273 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003058.D
Acq: 10 Oct 2018 09:35

Tgt Ion:228 Resp: 7996

Ion	Ratio	Lower	Upper
228	100		
229	23.6	16.2	24.2
226	28.3	22.3	33.5



Instrument :
BNA_N
ClientSampleId :
JLC61DL

Manual Integrations APPROVED
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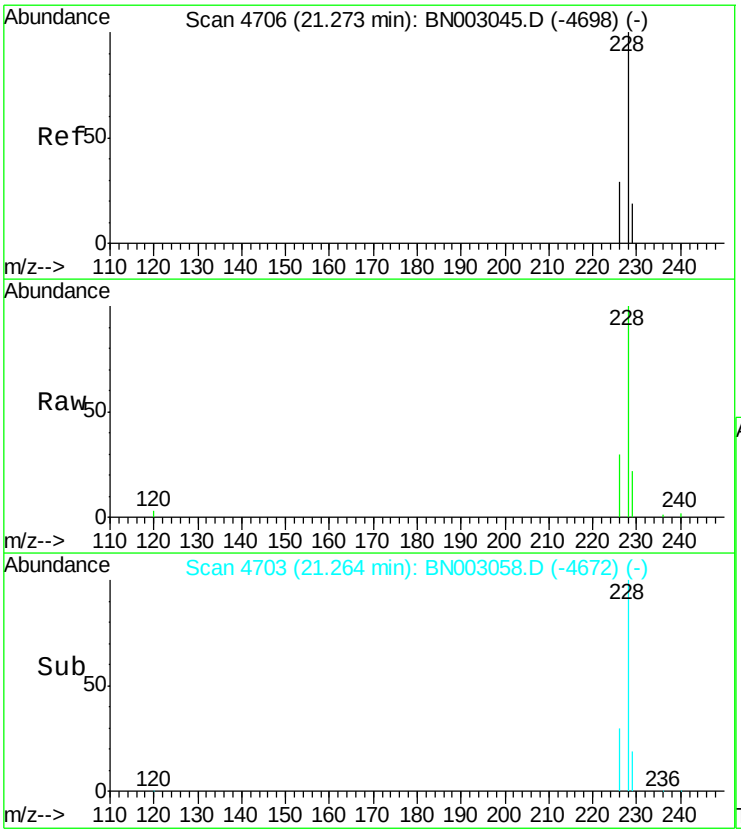
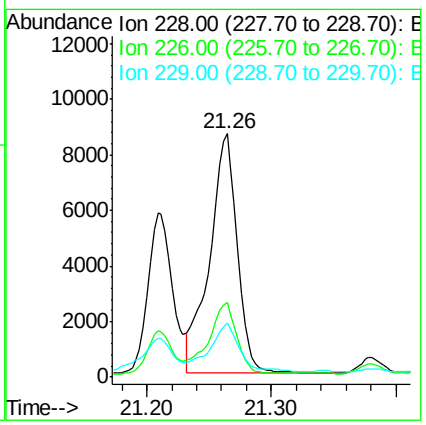
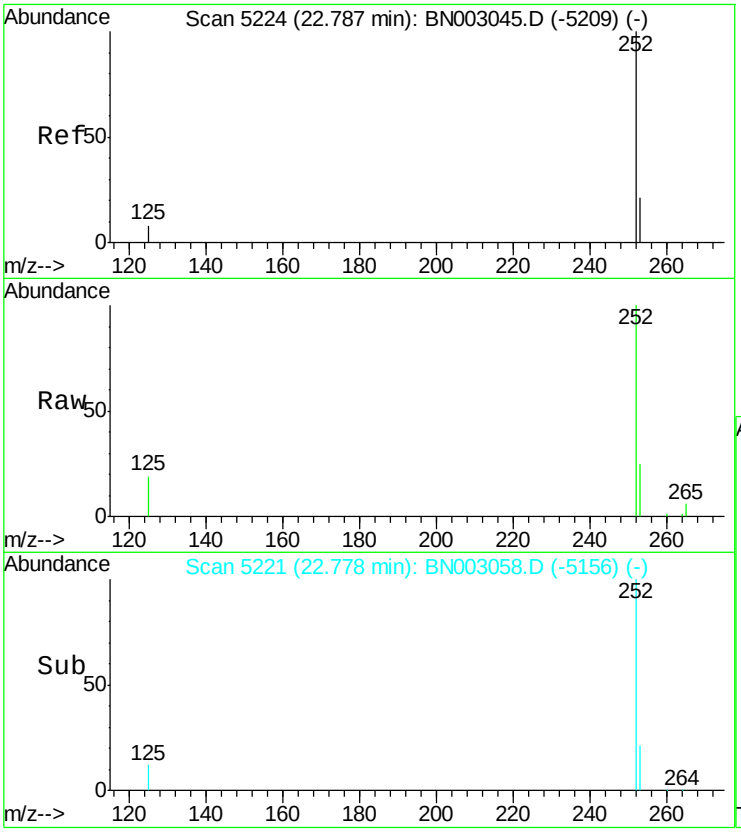


#19
Chrysene
Concen: 0.450 ng/ul
RT: 21.26 min Scan# 4703
Delta R.T. -0.01 min
Lab File: BN003058.D
Acq: 10 Oct 2018 09:35

Tgt Ion:228 Resp: 13371

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.4
229	22.0	16.7	25.1

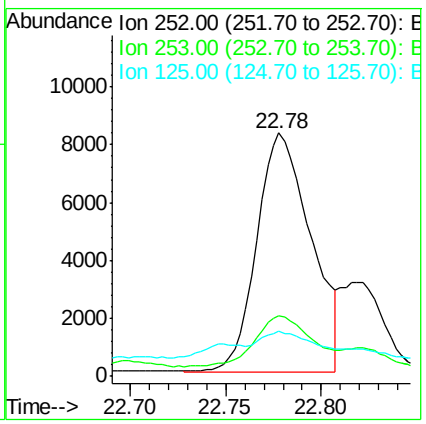




#21
Benzo(b)fluoranthene
Concen: 0.623 ng/ul m
RT: 22.78 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN003058.D
Acq: 10 Oct 2018 09:35

Tgt Ion:252 Resp: 16364

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	53.2
125	18.6	0.0	34.2



Instrument :
BNA_N
ClientSampleId :
JLC61DL

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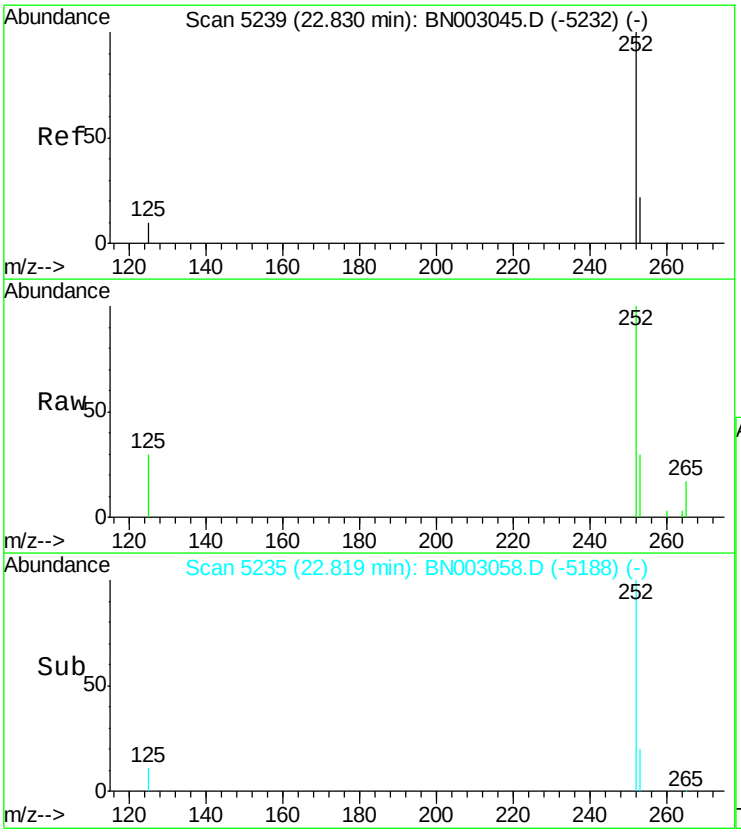
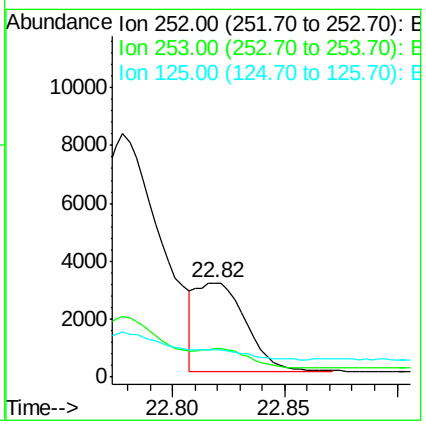
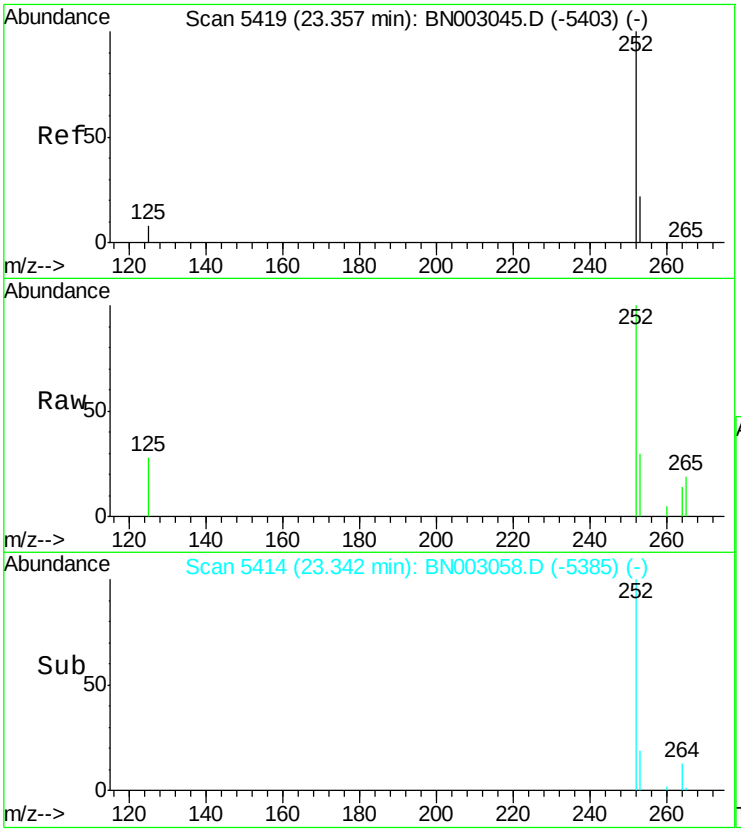


#22
Benzo(k)fluoranthene
Concen: 0.176 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN003058.D
Acq: 10 Oct 2018 09:35

Tgt Ion:252 Resp: 4803

Ion	Ratio	Lower	Upper
252	100		
253	30.0	21.3	31.9
125	29.6	14.1	21.1#





#23
Benzo(a)pyrene
Concen: 0.249 ng/ul
RT: 23.34 min Scan# 5414
Delta R.T. -0.01 min
Lab File: BN003058.D
Acq: 10 Oct 2018 09:35

Tgt Ion:252 Resp: 5864

Ion	Ratio	Lower	Upper
252	100		
253	29.8	23.1	34.7
125	28.4	16.9	25.3#

Instrument :
BNA_N
ClientSampleId :
JLC61DL

Manual Integrations APPROVED
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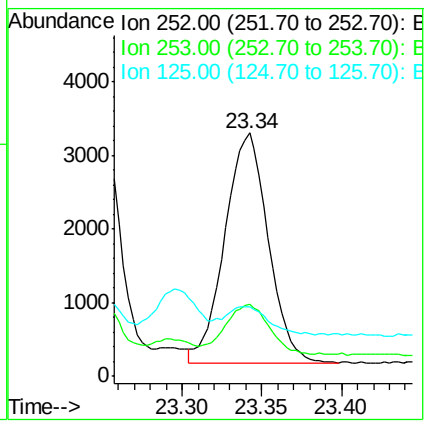
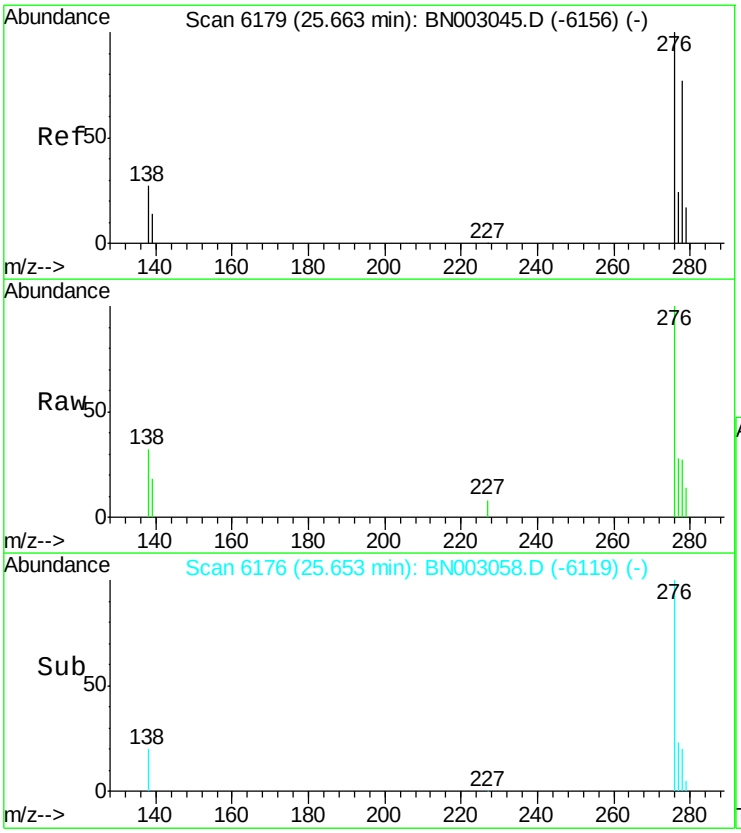
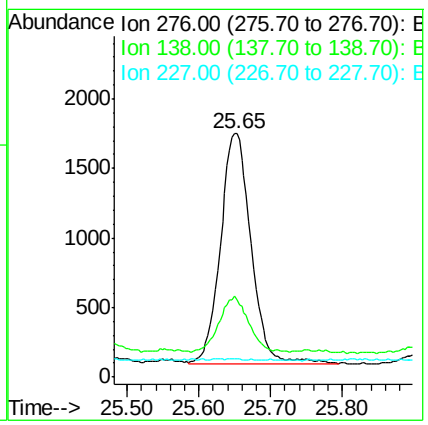


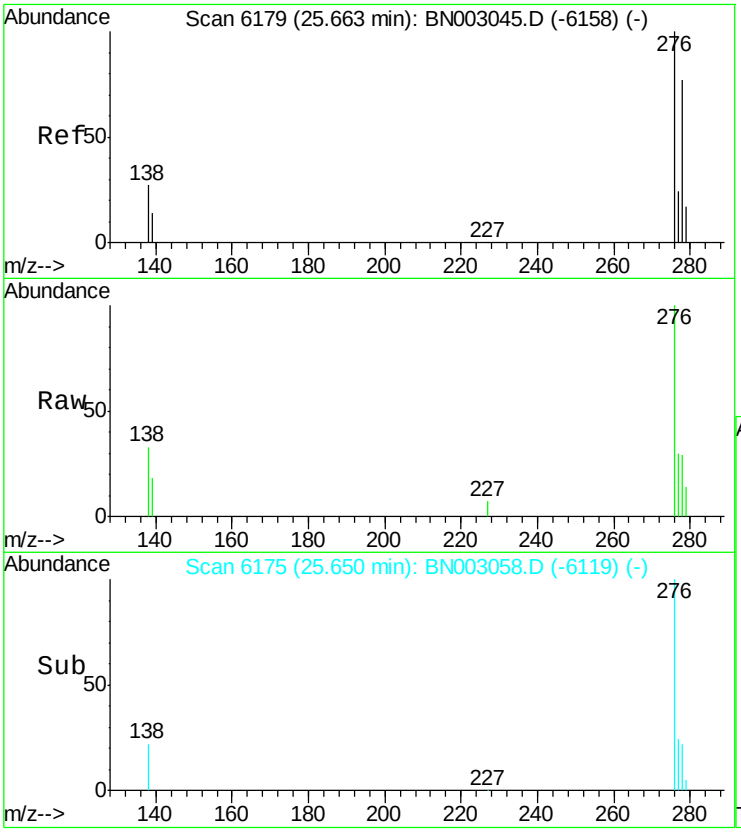


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.179 ng/ul
RT: 25.65 min Scan# 6176
Delta R.T. -0.01 min
Lab File: BN003058.D
Acq: 10 Oct 2018 09:35

Tgt Ion:276 Resp: 4846

Ion	Ratio	Lower	Upper
276	100		
138	23.6	21.5	32.3
227	0.2	0.3	0.5#





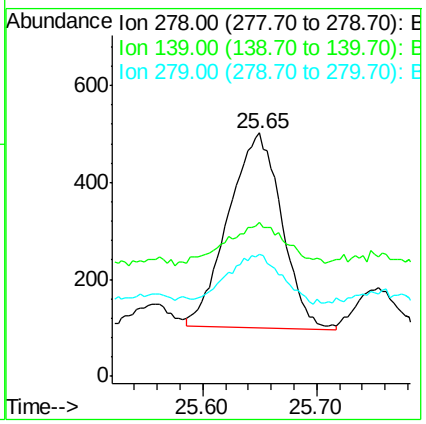
#25
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.65 min Scan# 6175
Delta R.T. -0.01 min
Lab File: BN003058.D
Acq: 10 Oct 2018 09:35

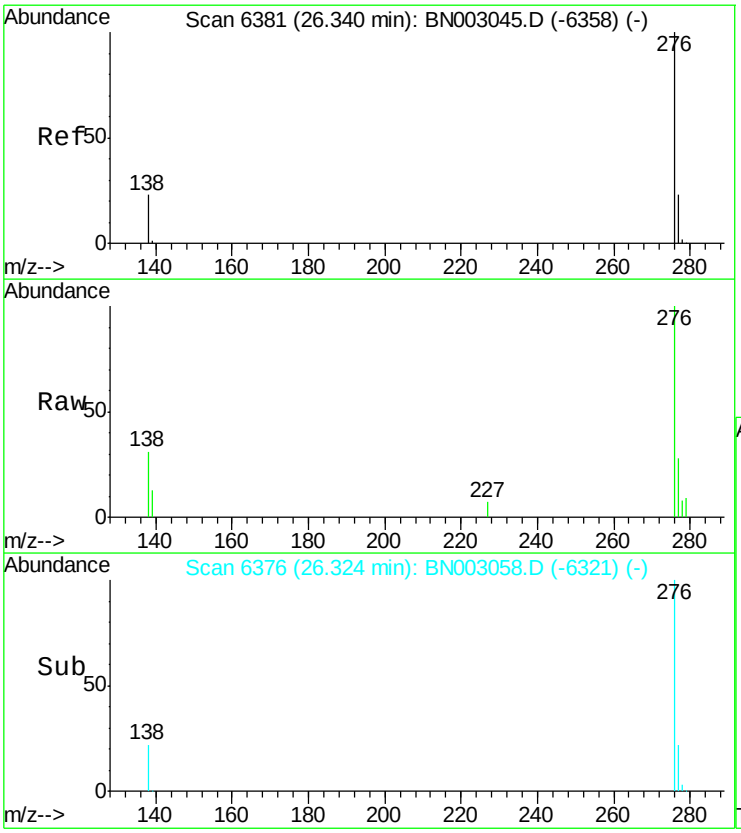
Tgt Ion:278 Resp: 1304

Ion	Ratio	Lower	Upper
278	100		
139	63.5	20.2	30.4#
279	50.4	23.8	35.8#

Instrument :
BNA_N
ClientSampleId :
JLC61DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:31 PM





#26
Benzo(g,h,i)perylene
Concen: 0.228 ng/ul
RT: 26.32 min Scan# 6376
Delta R.T. -0.02 min
Lab File: BN003058.D
Acq: 10 Oct 2018 09:35

Tgt Ion:276 Resp: 5212

Ion	Ratio	Lower	Upper
276	100		
138	31.1	23.0	34.4
277	27.6	22.0	33.0