Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
Data File : BN003026.D
Acq On : 09 Oct 2018 14:50
Operator : MJ/SJ
Sample : J5116-08DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC57DL

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:40 PM

Quant Time: Oct 09 15:47:19 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	1169	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.41	136	5014	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	2913	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7430m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	6439m	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	5479	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	529	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	1454m	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	1330	0.103	ng/ul#	87
5) 2-Methylnaphthalene	12.09	142	424	0.048	ng/ul	94
7) Acenaphthylene	13.99	152	504	0.038	ng/ul#	64
8) Acenaphthene	14.33	153	5598	0.554	ng/ul	99
9) Fluorene	15.32	166	5479	0.473	ng/ul	100
12) Phenanthrene	17.06	178	113197m	5.465	ng/ul	
13) Anthracene	17.15	178	28786m	1.471	ng/ul	
15) Fluoranthene	19.09	202	193193m	7.951	ng/ul	
17) Pyrene	19.45	202	153062	6.120	ng/ul	97
18) Benzo(a)anthracene	21.22	228	61983	2.991	ng/ul#	94
19) Chrysene	21.28	228	71871	3.416	ng/ul#	94
21) Benzo(b)fluoranthene	22.81	252	106981m	5.422	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	32454m	1.587	ng/ul	
23) Benzo(a)pyrene	23.37	252	41510	2.347	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.70	276	44138	2.172	ng/ul	97
25) Dibenzo(a,h)anthracene	25.70	278	9309	0.572	ng/ul#	1
26) Benzo(g,h,i)perylene	26.38	276	37935	2.214	ng/ul#	62

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
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Acq On : 09 Oct 2018 14:50
Operator : MJ/SJ
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Misc :
ALS Vial : 41 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
JLC57DL

Manual Integrations APPROVED
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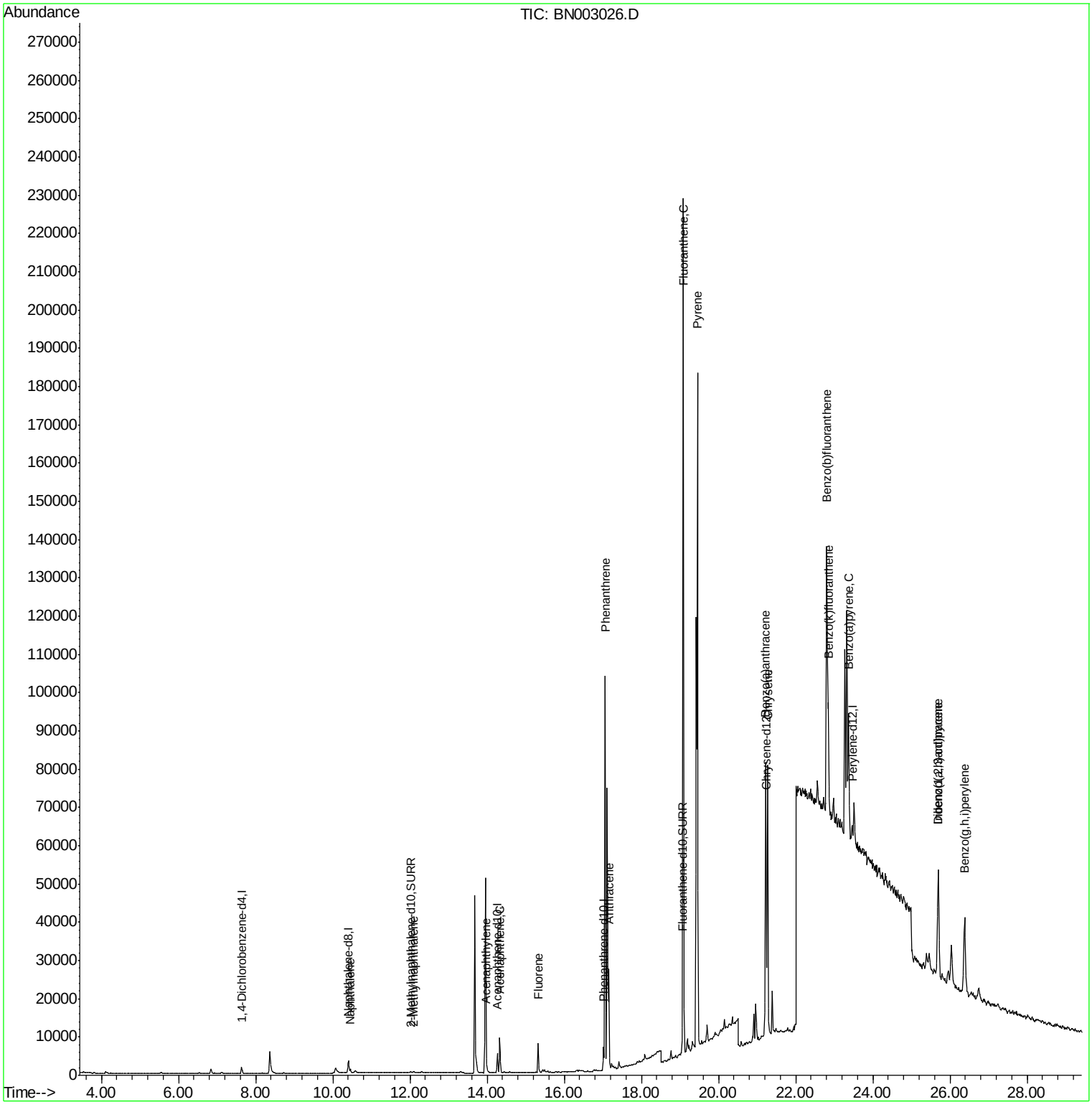

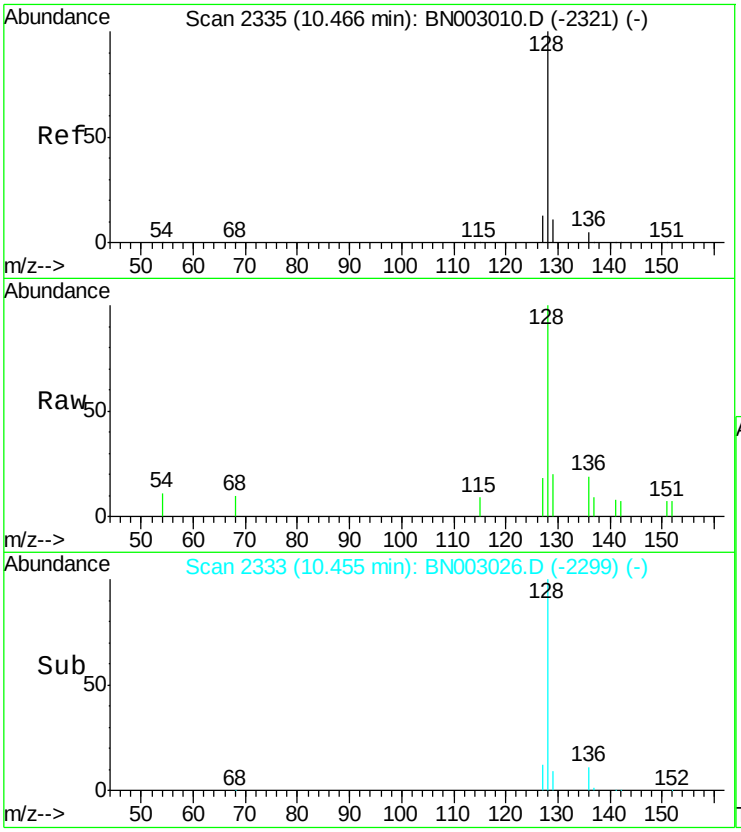

#3
Naphthalene
Concen: 0.103 ng/ul
RT: 10.46 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

Tgt Ion:128 Resp: 1330

Ion	Ratio	Lower	Upper
128	100		
129	19.9	10.4	15.6#
127	18.1	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
JLC57DL

Manual Integrations APPROVED
Sohil
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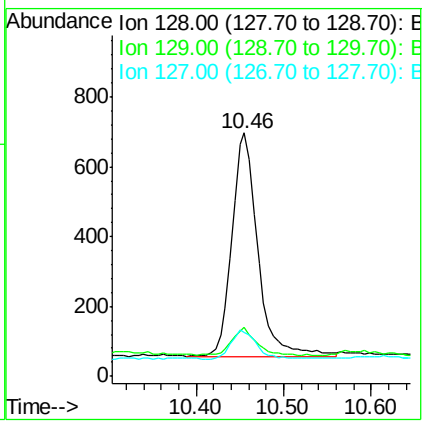
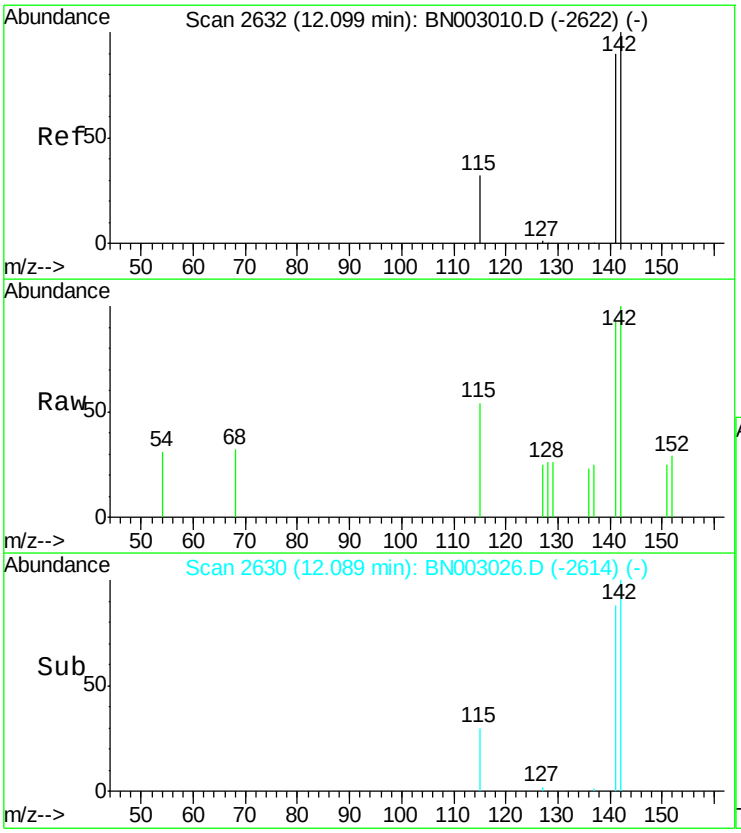
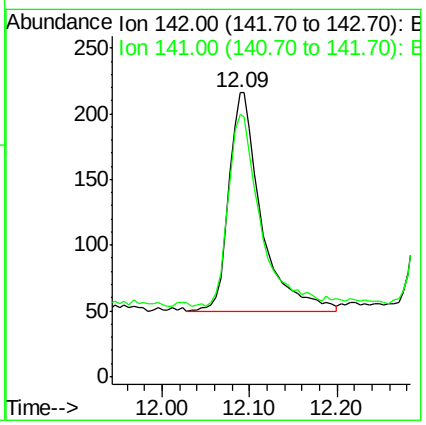


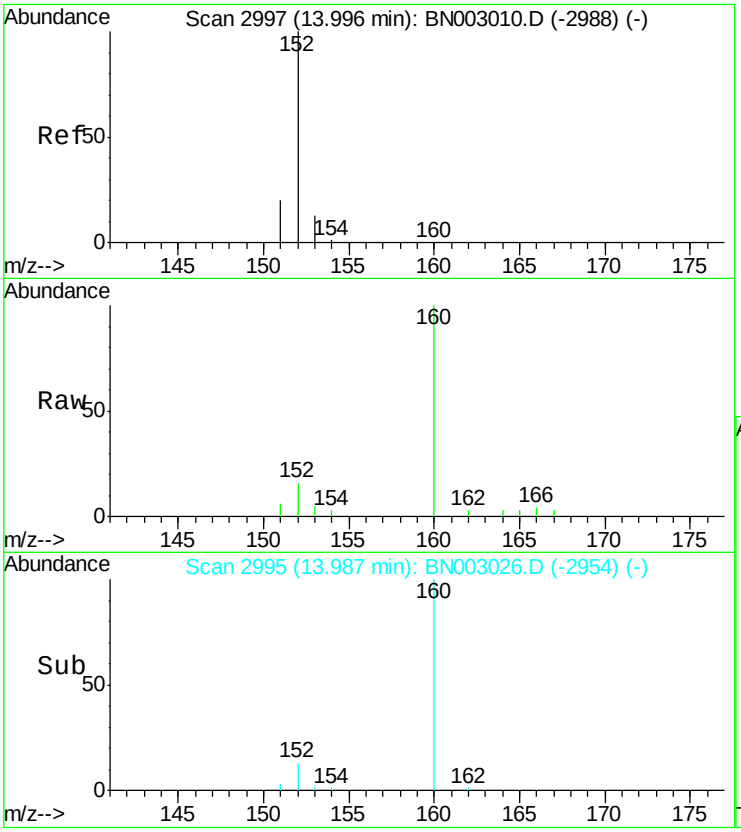


#5
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.09 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

Tgt Ion:142 Resp: 424

Ion	Ratio	Lower	Upper
142	100		
141	86.3	73.4	110.0





#7
Acenaphthylene
Concen: 0.038 ng/ul
RT: 13.99 min Scan# 2995
Delta R.T. -0.01 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

Tgt Ion:152 Resp: 504

Ion	Ratio	Lower	Upper
152	100		
151	36.0	16.5	24.7#
153	30.2	11.4	17.2#

Instrument :
BNA_N
ClientSampleId :
JLC57DL

Manual Integrations APPROVED
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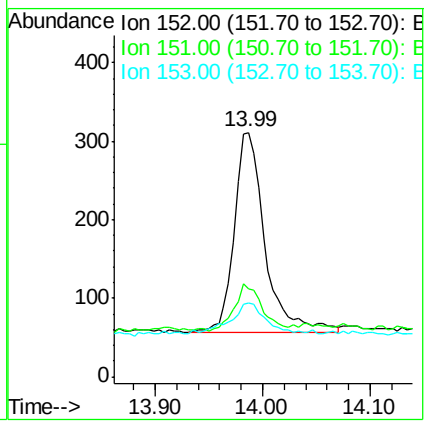
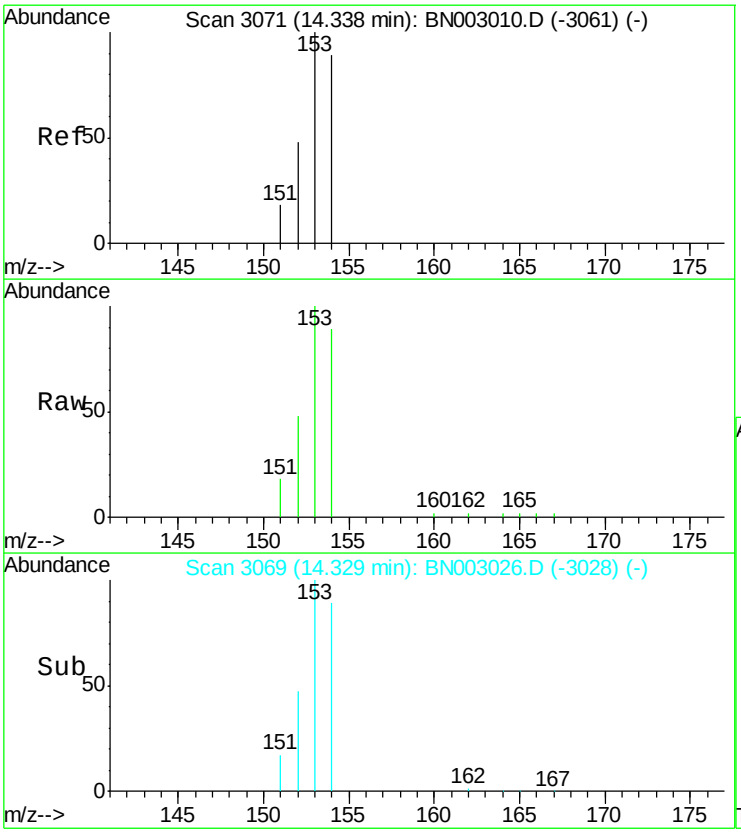
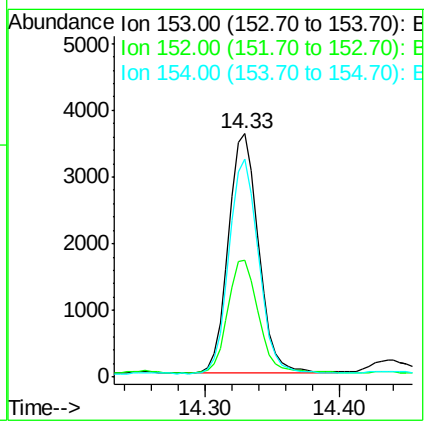


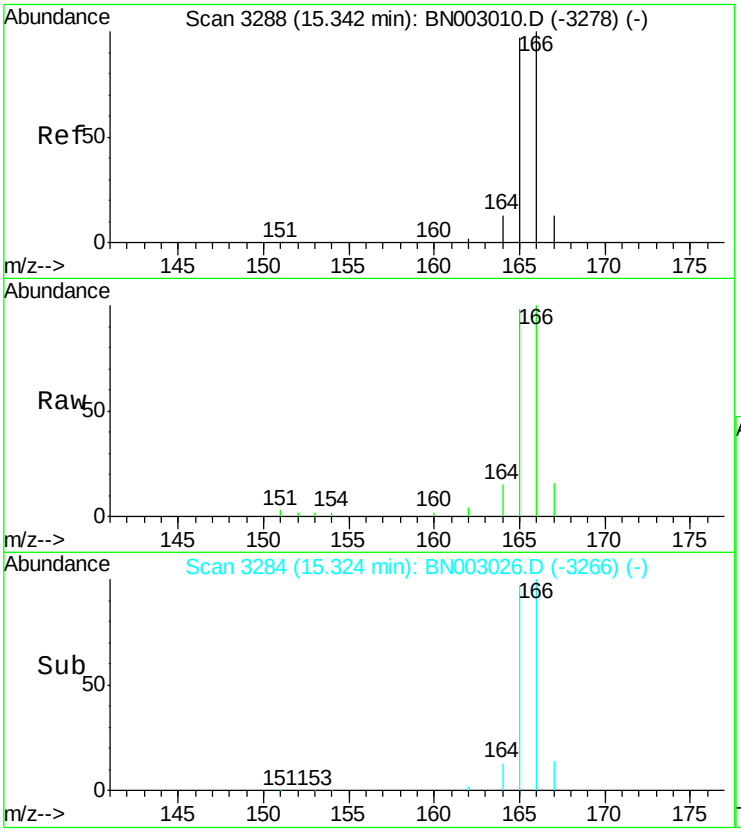


#8
Acenaphthene
Concen: 0.554 ng/ul
RT: 14.33 min Scan# 3069
Delta R.T. -0.01 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

Tgt Ion:153 Resp: 5598

Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.2	57.4
154	89.4	70.2	105.2

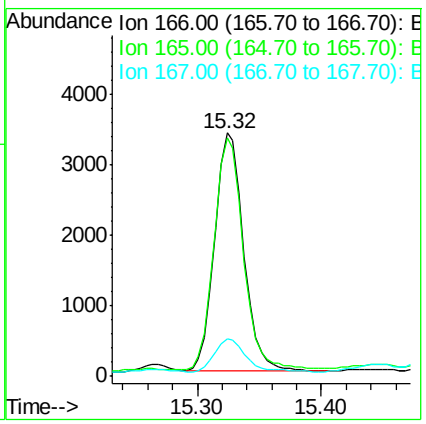




#9
Fluorene
Concen: 0.473 ng/ul
RT: 15.32 min Scan# 3284
Delta R.T. -0.02 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

Tgt Ion:166 Resp: 5479

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.5	117.7
167	15.5	11.6	17.4



Instrument :
BNA_N
ClientSampleId :
JLC57DL

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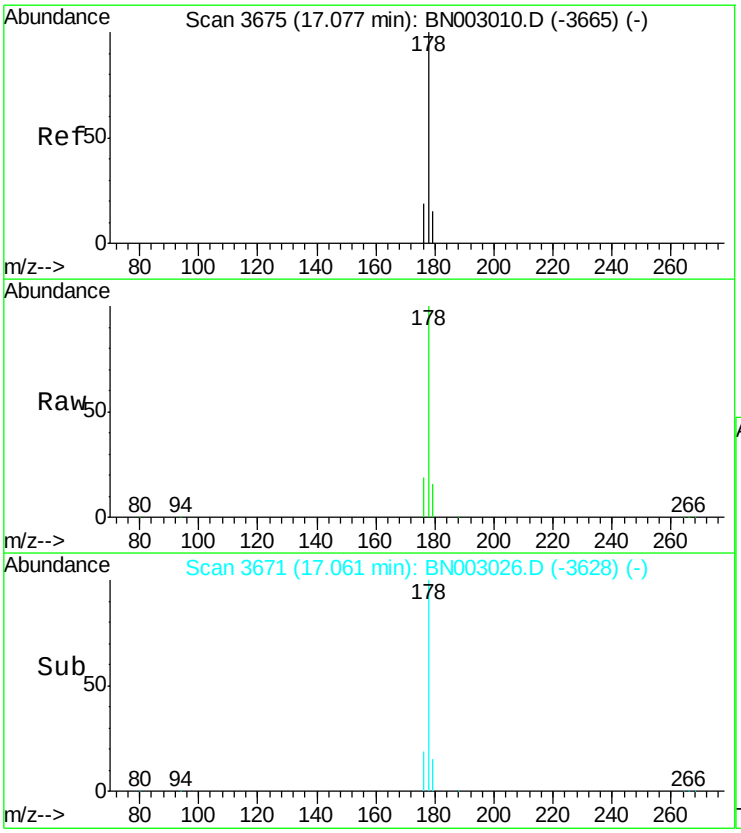
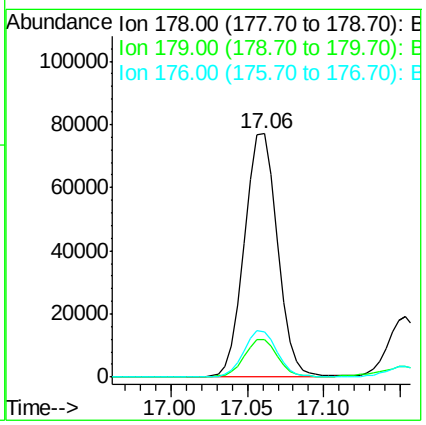
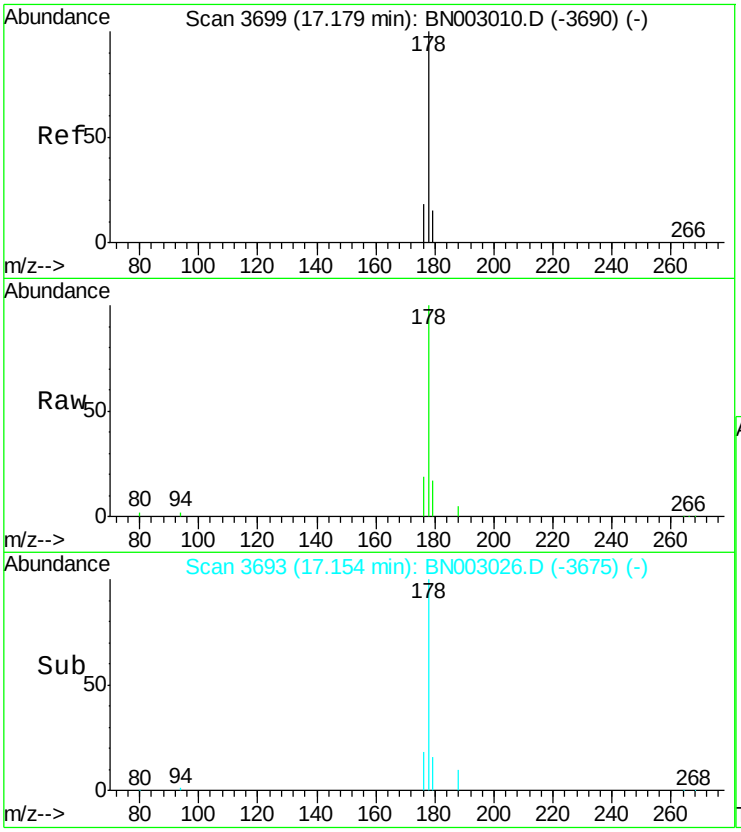


#12
Phenanthrene
Concen: 5.465 ng/ul m
RT: 17.06 min Scan# 3671
Delta R.T. -0.02 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

Tgt Ion:178 Resp: 113197

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	18.6	15.4	23.2

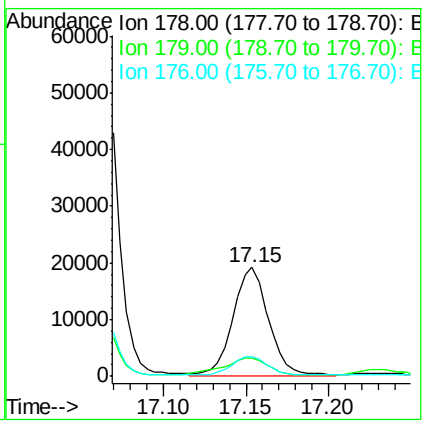




#13
Anthracene
Concen: 1.471 ng/ul m
RT: 17.15 min Scan# 3693
Delta R.T. -0.03 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

Tgt Ion:178 Resp: 28786

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.0	19.6
176	18.5	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
JLC57DL

Manual Integrations APPROVED
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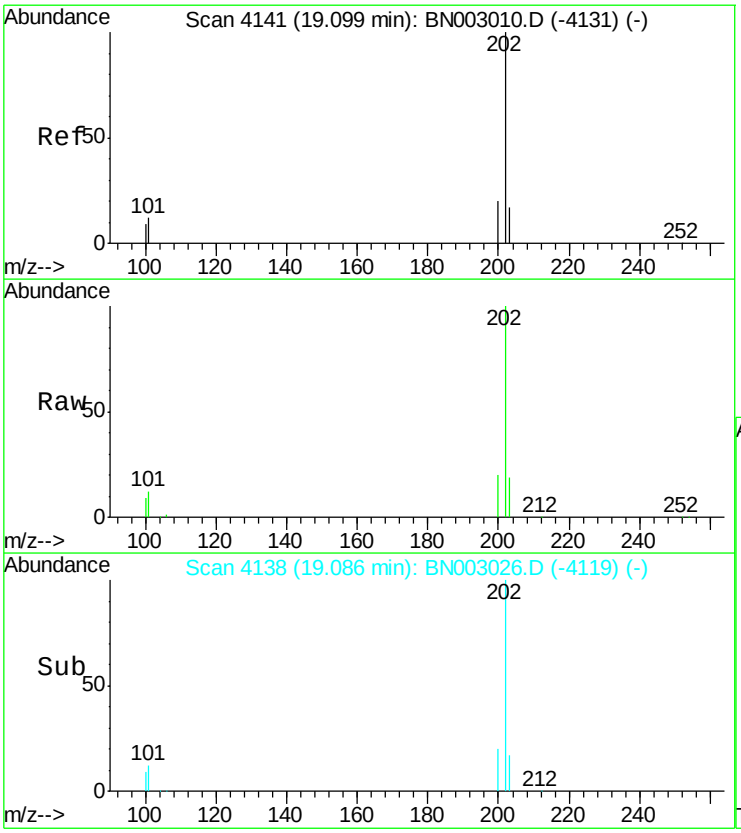
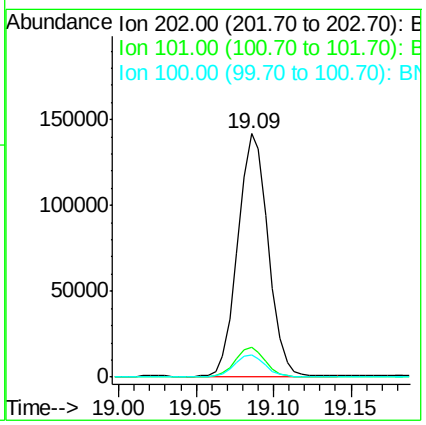
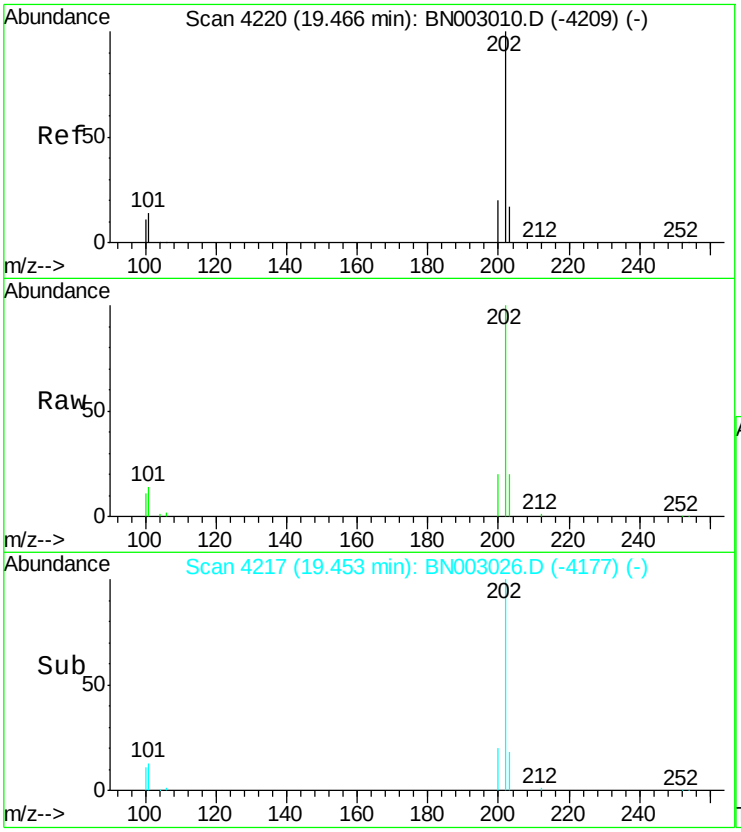


#15
Fluoranthene
Concen: 7.951 ng/ul m
RT: 19.09 min Scan# 4138
Delta R.T. -0.01 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

Tgt Ion:202 Resp: 193193

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.3
100	9.2	0.0	29.1

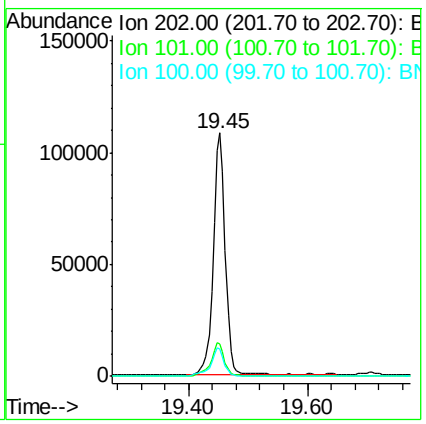




#17
Pyrene
Concen: 6.120 ng/ul
RT: 19.45 min Scan# 4217
Delta R.T. -0.01 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

Tgt Ion:202 Resp: 153062

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.9	17.9
100	11.0	9.9	14.9



Instrument :
BNA_N
ClientSampleId :
JLC57DL

Manual Integrations APPROVED
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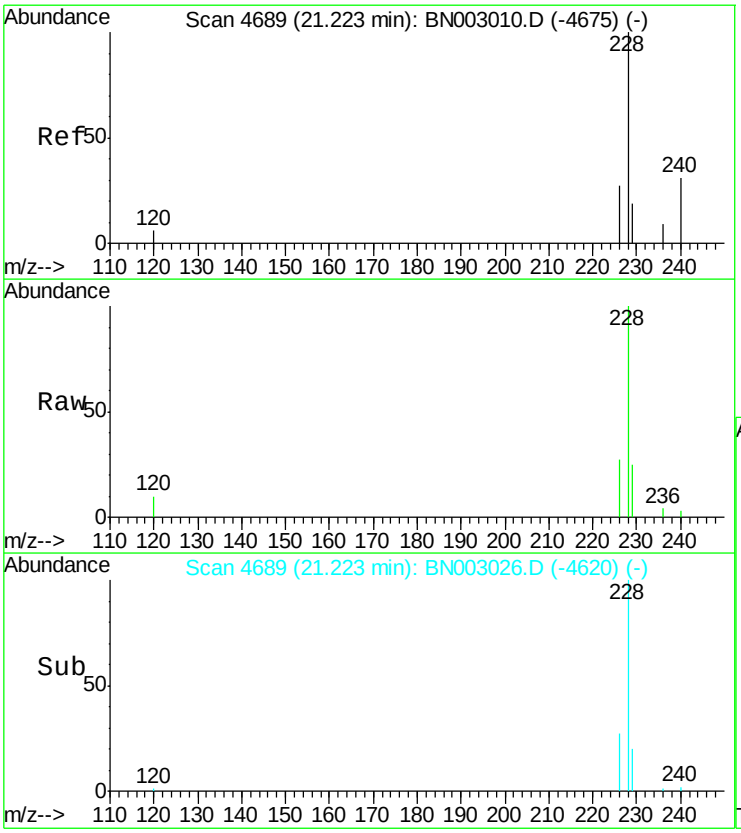
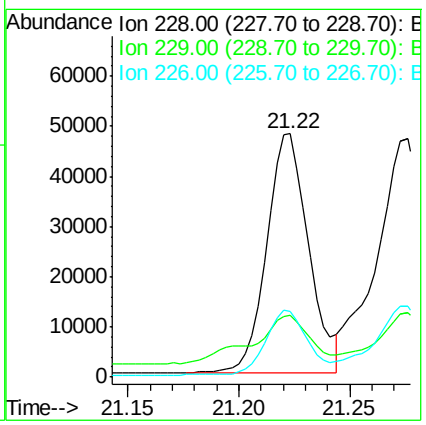
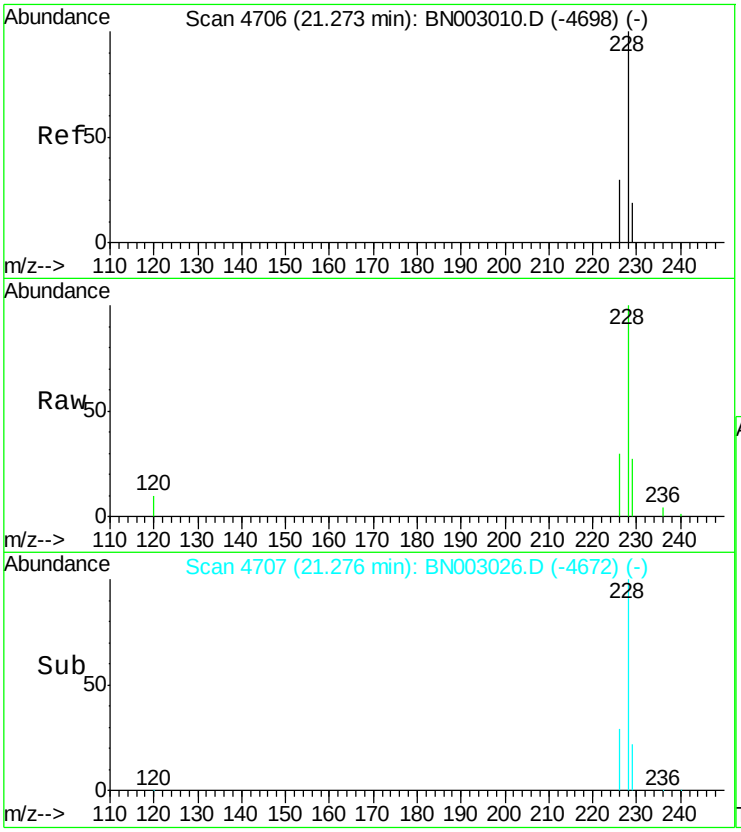


#18
Benzo(a)anthracene
Concen: 2.991 ng/ul
RT: 21.22 min Scan# 4689
Delta R.T. 0.00 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

Tgt Ion:228 Resp: 61983

Ion	Ratio	Lower	Upper
228	100		
229	25.4	16.2	24.2#
226	27.1	22.3	33.5





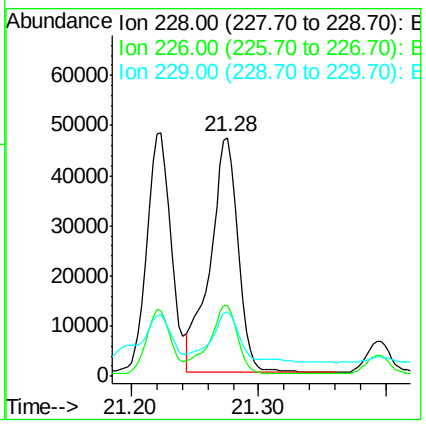
#19
Chrysene
Concen: 3.416 ng/ul
RT: 21.28 min Scan# 4707
Delta R.T. 0.00 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

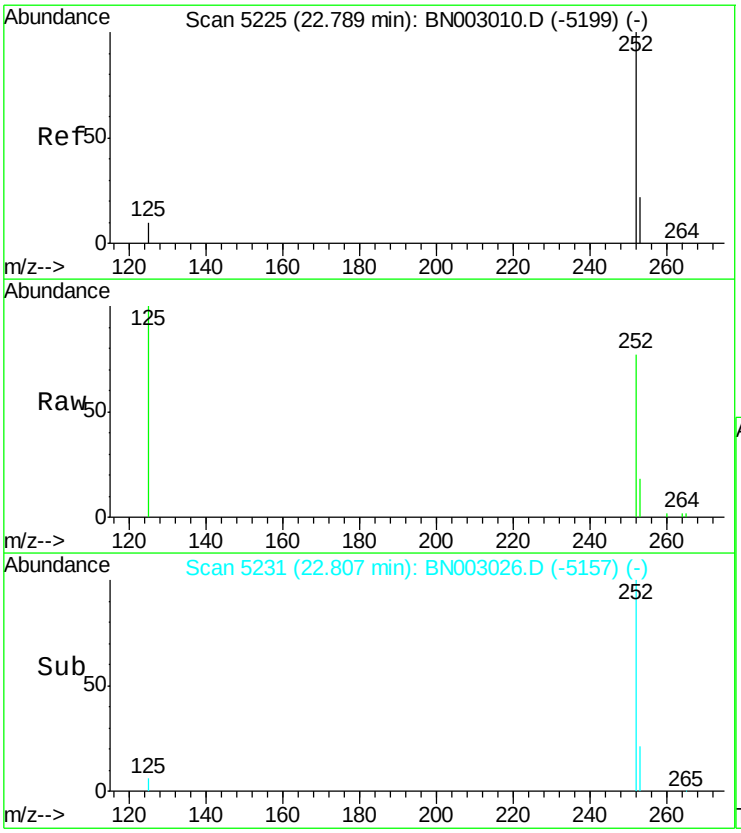
Tgt Ion:228 Resp: 71871

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	27.0	16.7	25.1#

Instrument :
BNA_N
ClientSampleId :
JLC57DL

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:40 PM

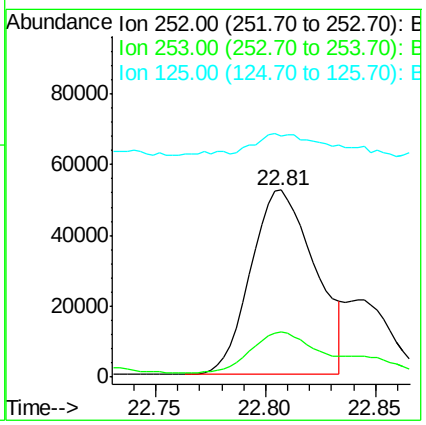


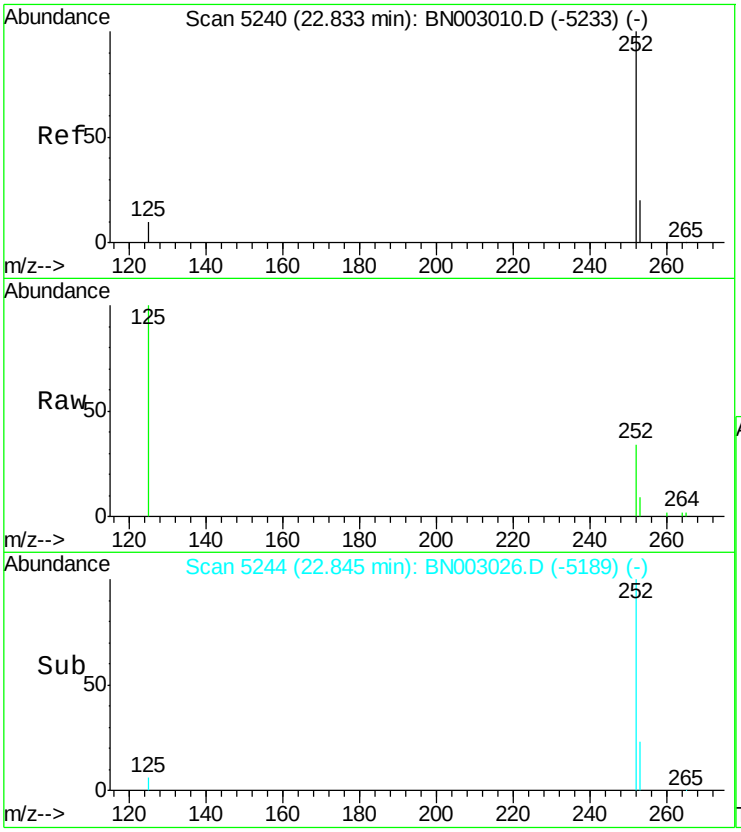


#21
Benzo(b)fluoranthene
Concen: 5.422 ng/ul m
RT: 22.81 min Scan# 5231
Delta R.T. 0.02 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

Tgt Ion:252 Resp: 106981

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	53.2
125	129.3	0.0	34.2#





#22
Benzo(k)fluoranthene
Concen: 1.587 ng/ul m
RT: 22.85 min Scan# 5244
Delta R.T. 0.01 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

Tgt Ion:252 Resp: 32454

Ion	Ratio	Lower	Upper
252	100		
253	27.4	21.3	31.9
125	296.2	14.1	21.1#

Instrument :
BNA_N
ClientSampleId :
JLC57DL

Manual Integrations APPROVED
Sohil
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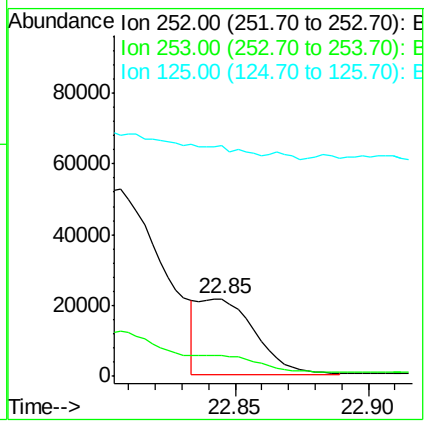
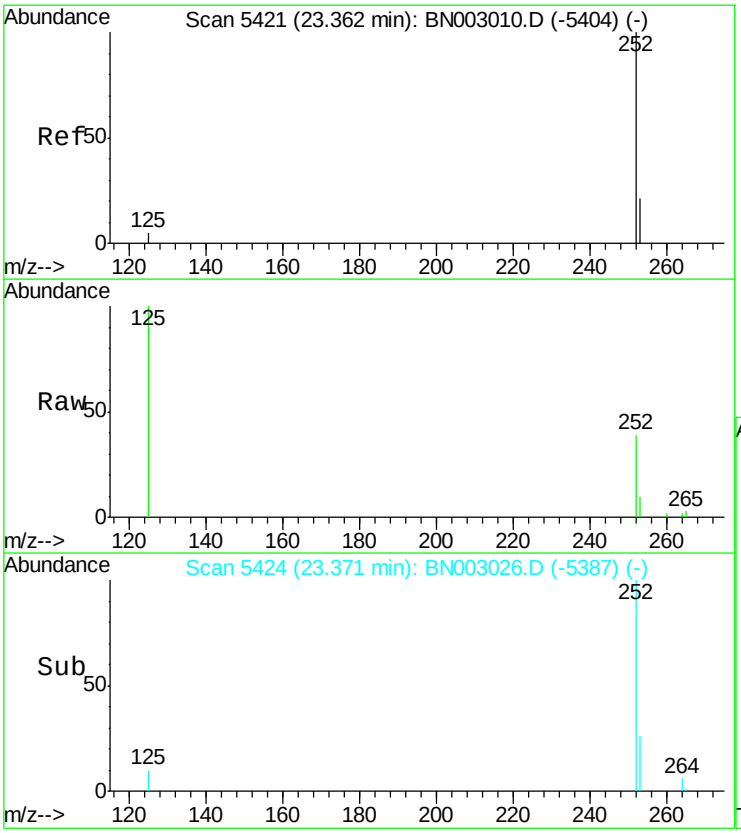
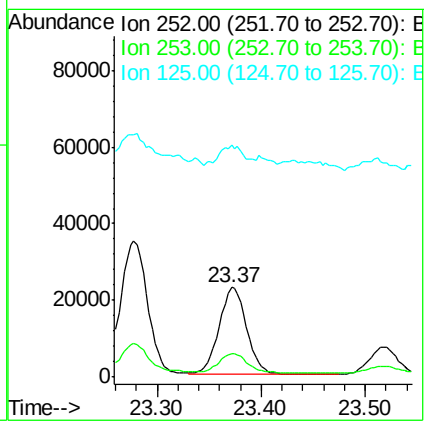


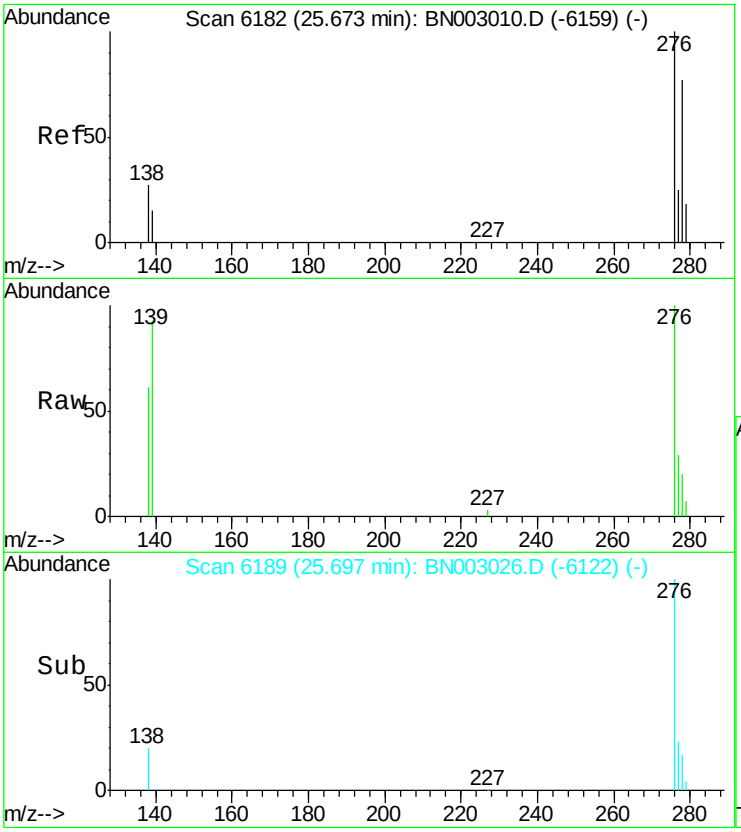


#23
Benzo(a)pyrene
Concen: 2.347 ng/ul
RT: 23.37 min Scan# 5424
Delta R.T. 0.01 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

Tgt Ion:252 Resp: 41510

Ion	Ratio	Lower	Upper
252	100		
253	26.8	23.1	34.7
125	259.0	16.9	25.3#





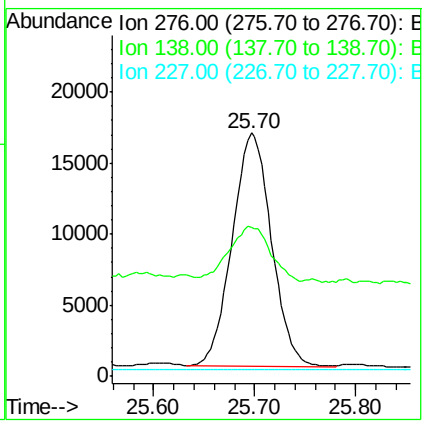
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.172 ng/ul
RT: 25.70 min Scan# 6189
Delta R.T. 0.02 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

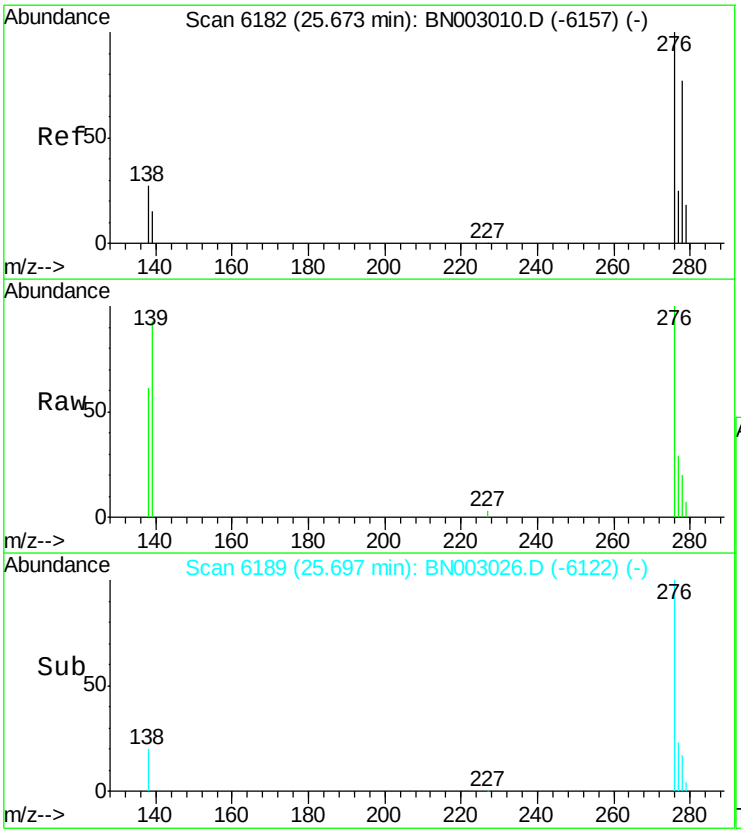
Instrument :
BNA_N
ClientSampleId :
JLC57DL

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:40 PM

Tgt Ion:276 Resp: 44138

Ion	Ratio	Lower	Upper
276	100		
138	25.2	21.5	32.3
227	0.4	0.3	0.5

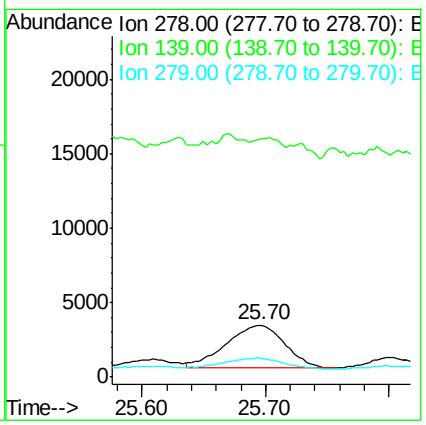


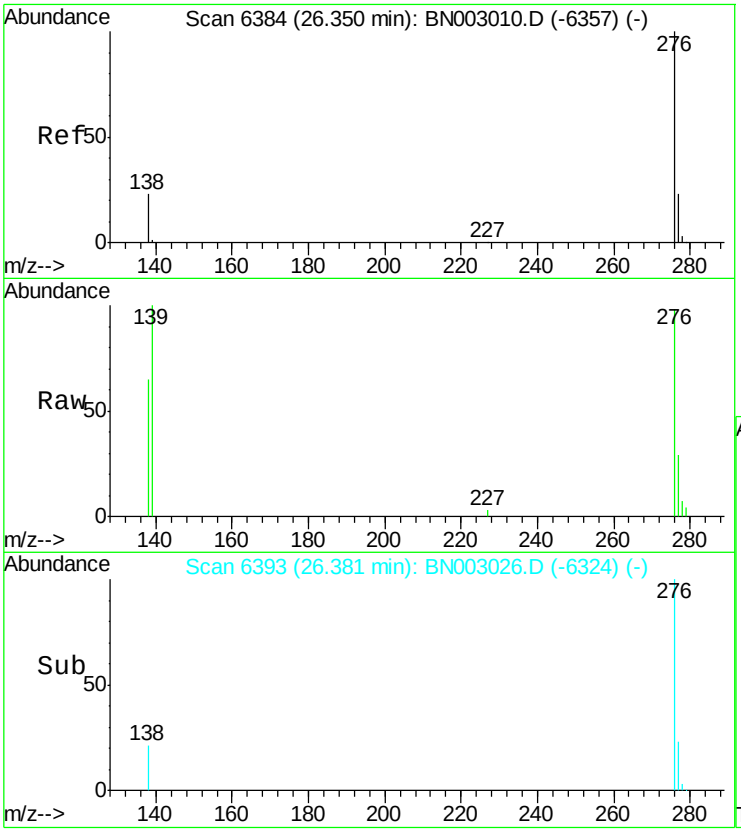


#25
Dibenzo(a,h)anthracene
Concen: 0.572 ng/ul
RT: 25.70 min Scan# 6189
Delta R.T. 0.02 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

Tgt Ion:278 Resp: 9309

Ion	Ratio	Lower	Upper
278	100		
139	458.3	20.2	30.4#
279	36.5	23.8	35.8#

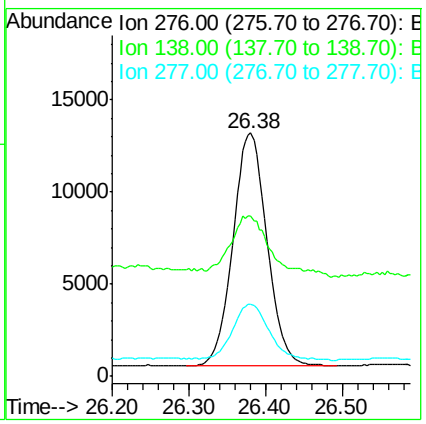




#26
Benzo(g,h,i)perylene
Concen: 2.214 ng/ul
RT: 26.38 min Scan# 6393
Delta R.T. 0.03 min
Lab File: BN003026.D
Acq: 09 Oct 2018 14:50

Tgt Ion:276 Resp: 37935

Ion	Ratio	Lower	Upper
276	100		
138	66.0	23.0	34.4#
277	29.8	22.0	33.0



Instrument :
BNA_N
ClientSampleId :
JLC57DL

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:40 PM