Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003057.D
Acq On : 10 Oct 2018 09:00
Operator : MJ/SJ
Sample : J5115-09DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLC40DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:30 PM

Quant Time: Oct 10 11:52:28 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	1504	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	6562	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3859	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	9075	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	8964	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	7876	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	492	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	1365	0.05	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.45	128	1520	0.090	ng/ul#	88
5) 2-Methylnaphthalene	12.09	142	1196	0.103	ng/ul	98
7) Acenaphthylene	13.98	152	367	0.021	ng/ul#	56
8) Acenaphthene	14.33	153	545	0.041	ng/ul	96
9) Fluorene	15.32	166	688	0.045	ng/ul#	93
12) Phenanthrene	17.06	178	11981	0.474	ng/ul	99
13) Anthracene	17.15	178	1703	0.071	ng/ul#	85
15) Fluoranthene	19.09	202	22446	0.756	ng/ul	98
17) Pyrene	19.45	202	22158	0.636	ng/ul	98
18) Benzo(a)anthracene	21.21	228	12082	0.419	ng/ul	96
19) Chrysene	21.26	228	34009	1.161	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	44864m	1.582	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	10338m	0.352	ng/ul	
23) Benzo(a)pyrene	23.34	252	9922	0.390	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.65	276	13098	0.448	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.64	278	3334	0.143	ng/ul#	61
26) Benzo(g,h,i)perylene	26.32	276	15282	0.620	ng/ul	99

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

Quantitation Report (QT Reviewed)

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Data File : BN003057.D
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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Manual Integrations APPROVED
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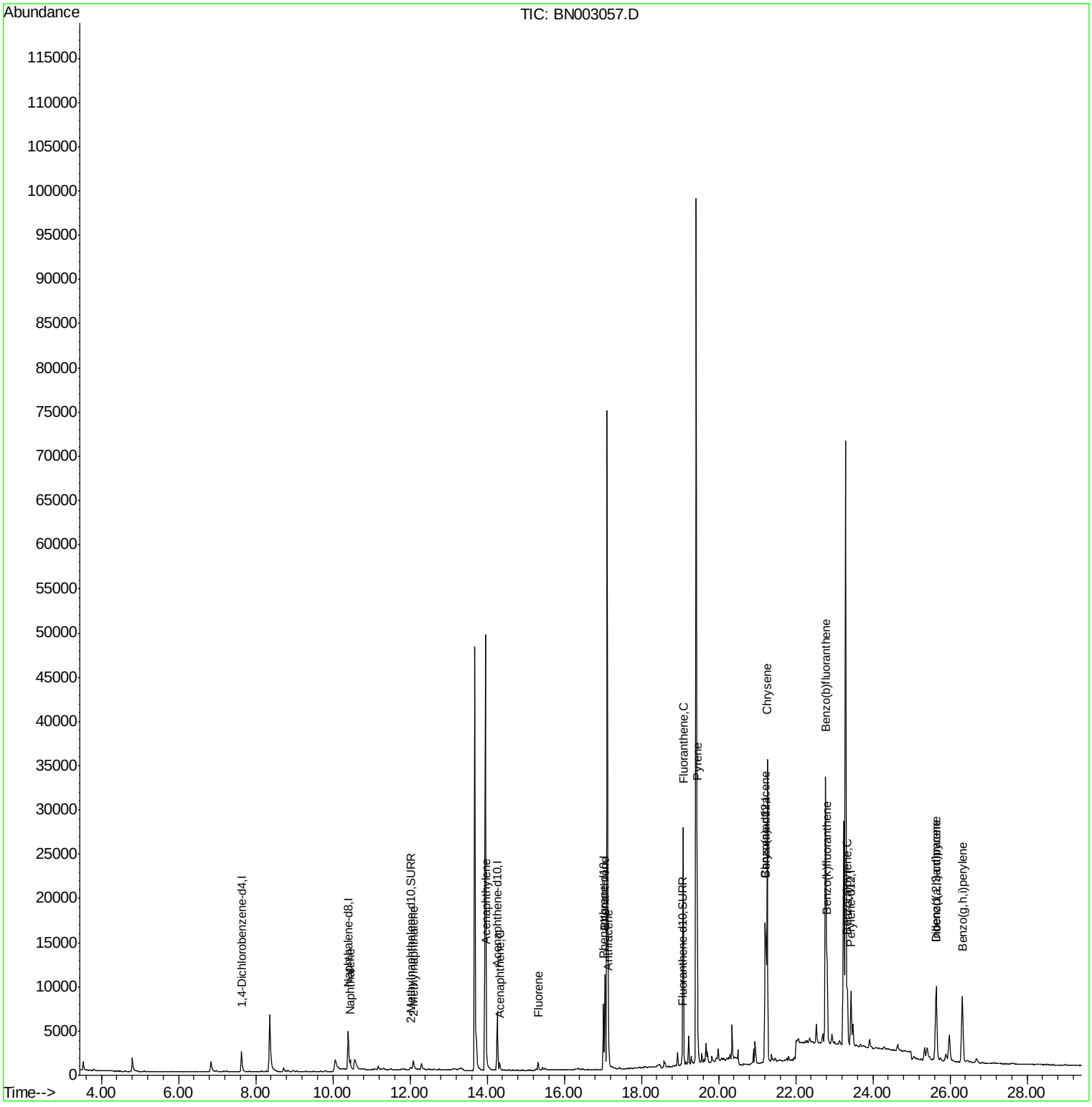

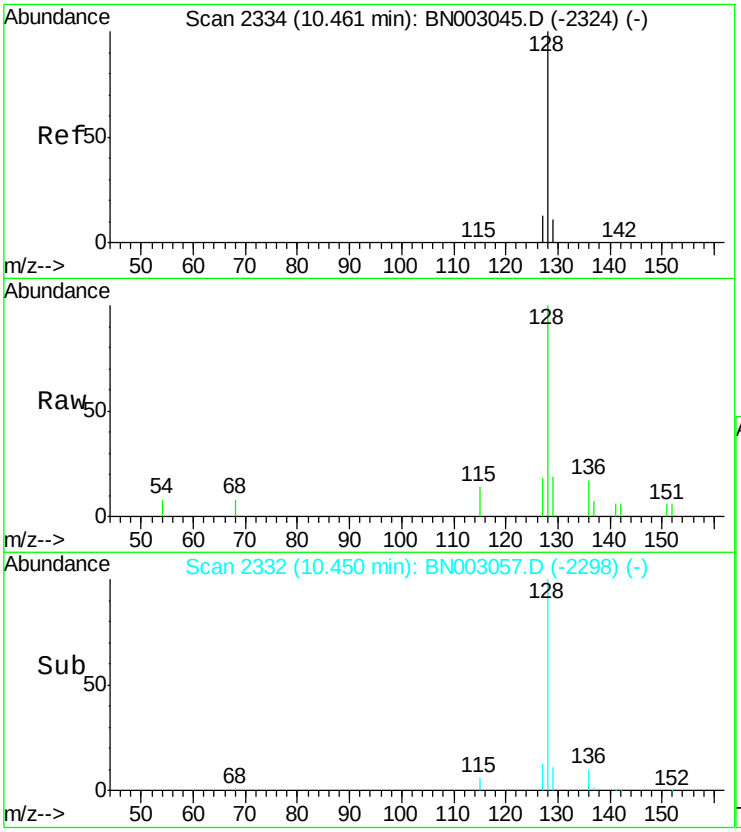

#3
Naphthalene
Concen: 0.090 ng/ul
RT: 10.45 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:128 Resp: 1520

Ion	Ratio	Lower	Upper
128	100		
129	19.3	10.4	15.6#
127	18.1	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
JLC40DL

Manual Integrations APPROVED
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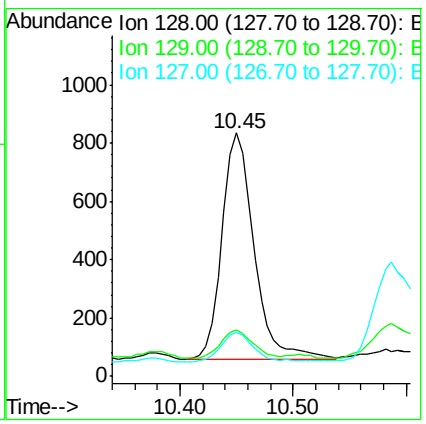
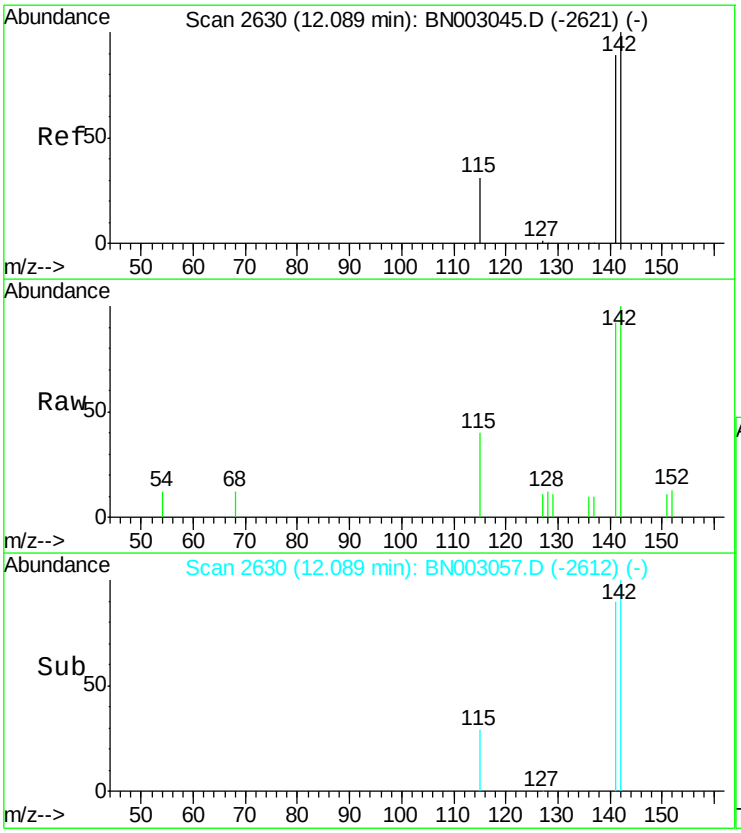
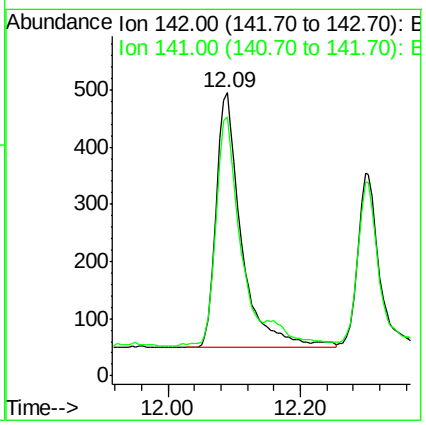


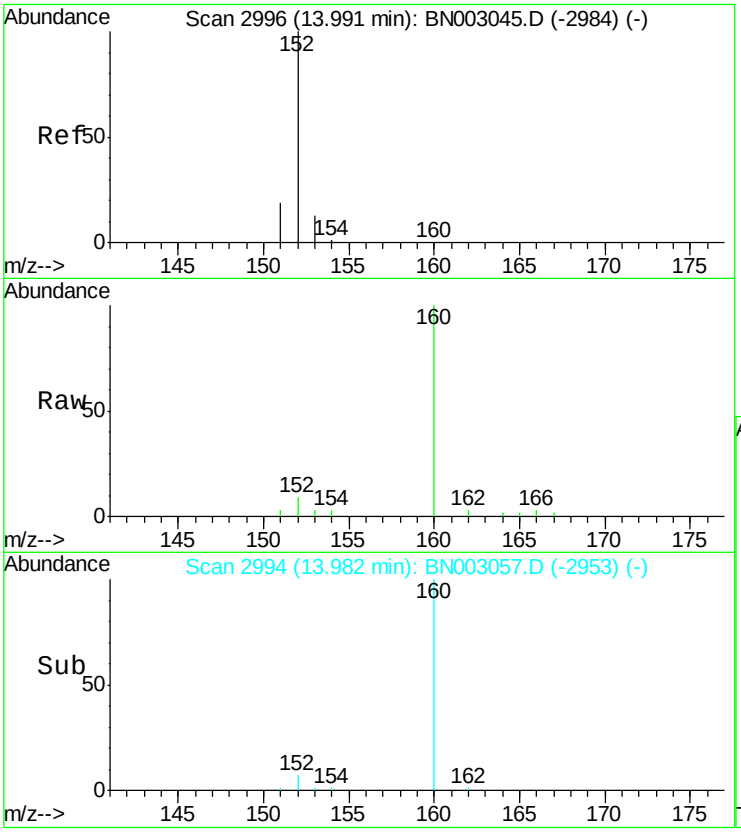


#5
2-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.09 min Scan# 2630
Delta R.T. 0.00 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:142 Resp: 1196

Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.4	110.0

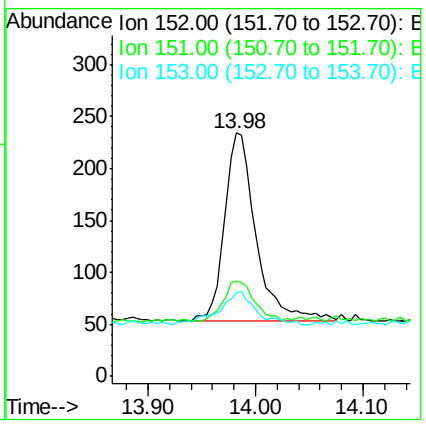




#7
Acenaphthylene
Concen: 0.021 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.01 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:152 Resp: 367

Ion	Ratio	Lower	Upper
152	100		
151	38.9	16.5	24.7#
153	34.6	11.4	17.2#



Instrument :
BNA_N
ClientSampleId :
JLC40DL

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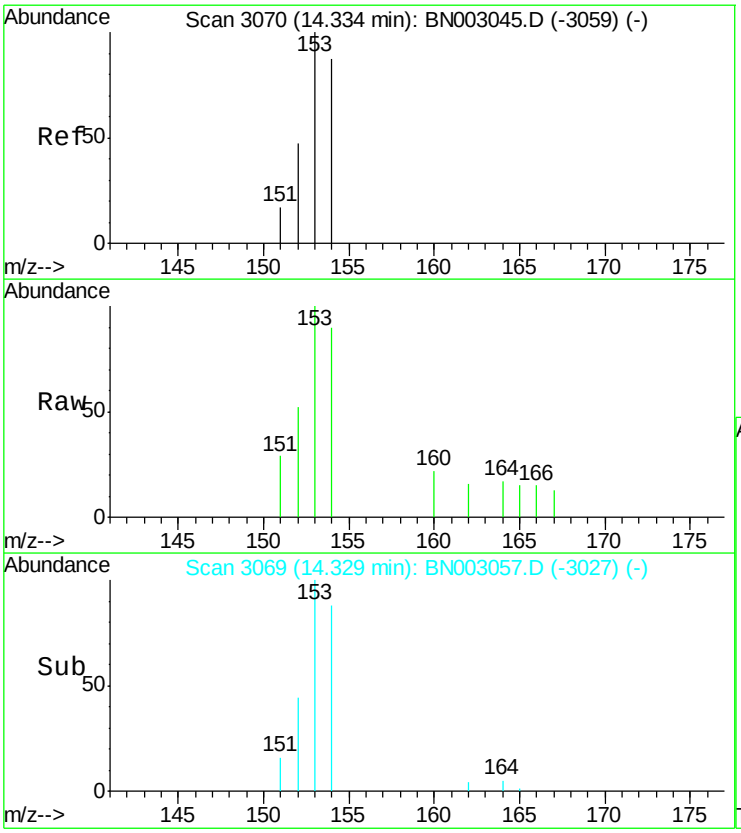
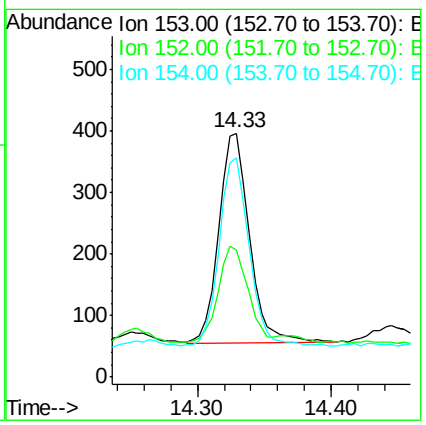
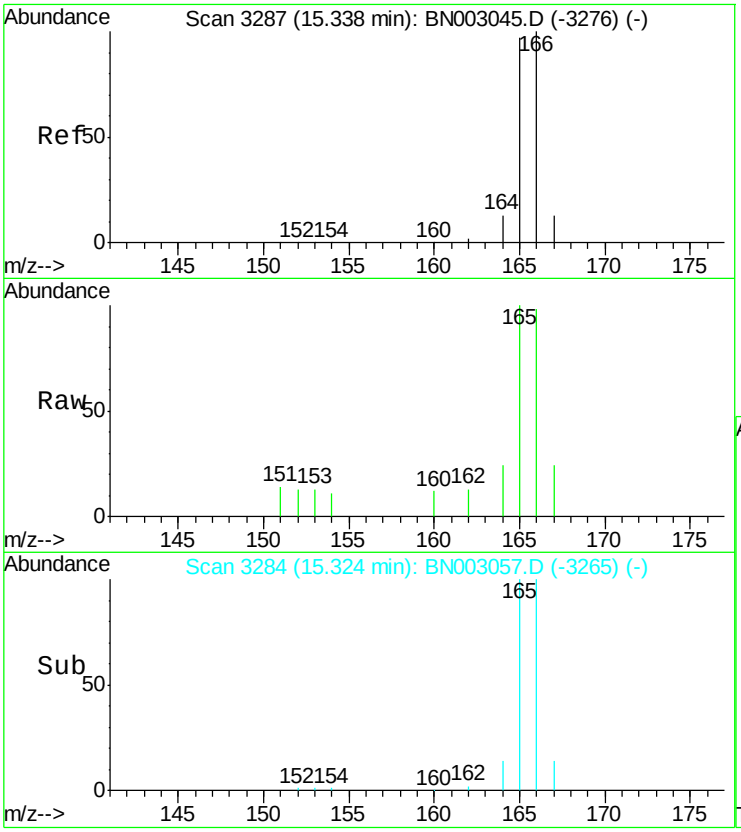


#8
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.33 min Scan# 3069
Delta R.T. -0.00 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:153 Resp: 545

Ion	Ratio	Lower	Upper
153	100		
152	52.0	38.2	57.4
154	89.9	70.2	105.2

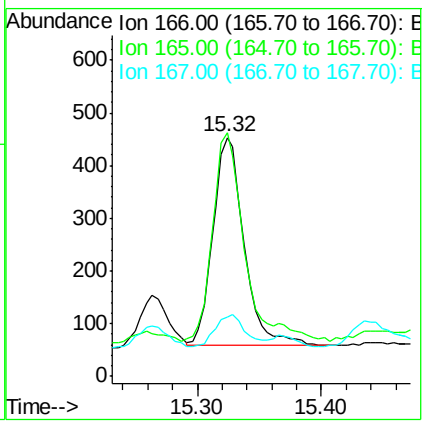




#9
Fluorene
Concen: 0.045 ng/ul
RT: 15.32 min Scan# 3284
Delta R.T. -0.01 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:166 Resp: 688

Ion	Ratio	Lower	Upper
166	100		
165	102.0	78.5	117.7
167	24.7	11.6	17.4#



Instrument :
BNA_N
ClientSampleId :
JLC40DL

Manual Integrations APPROVED
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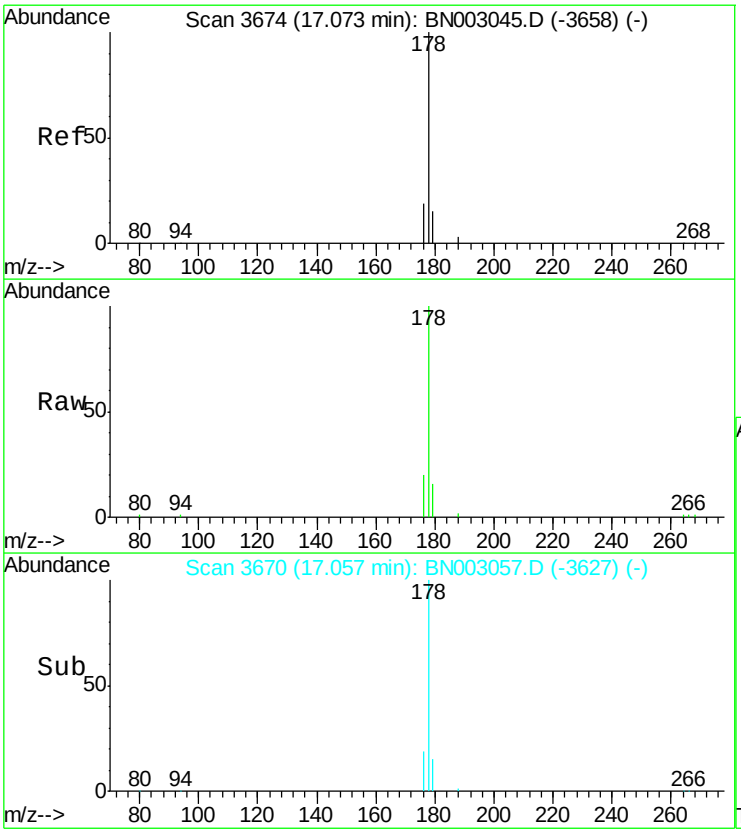
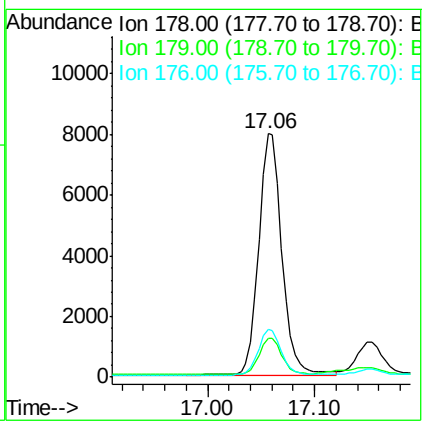
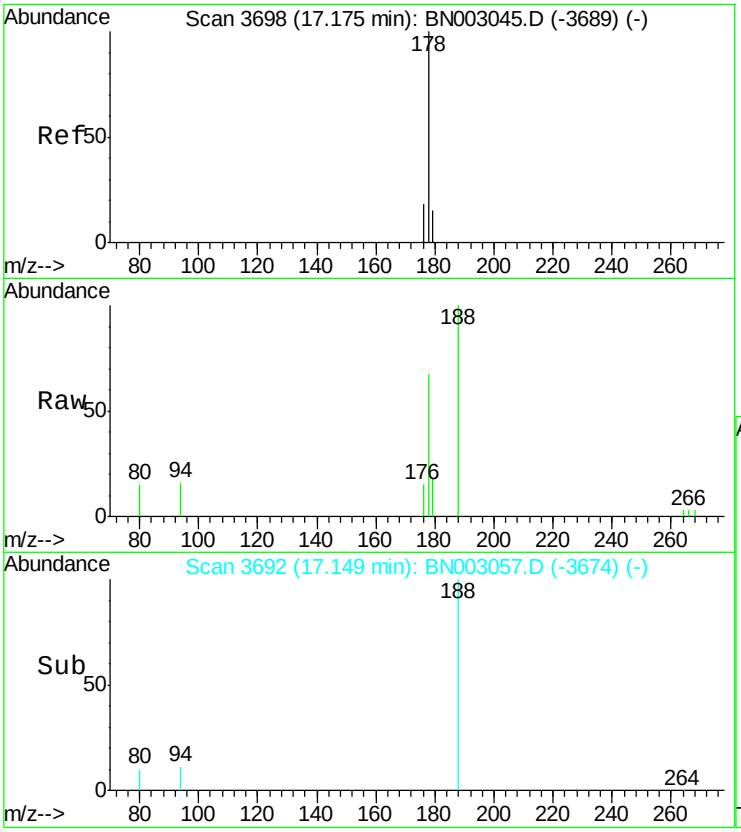


#12
Phenanthrene
Concen: 0.474 ng/ul
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:178 Resp: 11981

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	19.7	15.4	23.2





#13
Anthracene
Concen: 0.071 ng/ul
RT: 17.15 min Scan# 3692
Delta R.T. -0.03 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:178 Resp: 1703

Ion	Ratio	Lower	Upper
178	100		
179	26.2	13.0	19.6#
176	22.5	15.3	22.9

Instrument :
BNA_N
ClientSampleId :
JLC40DL

Manual Integrations APPROVED
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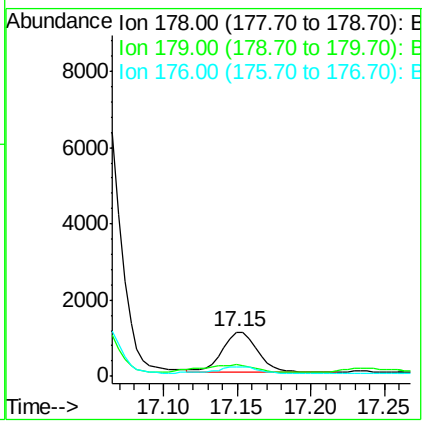
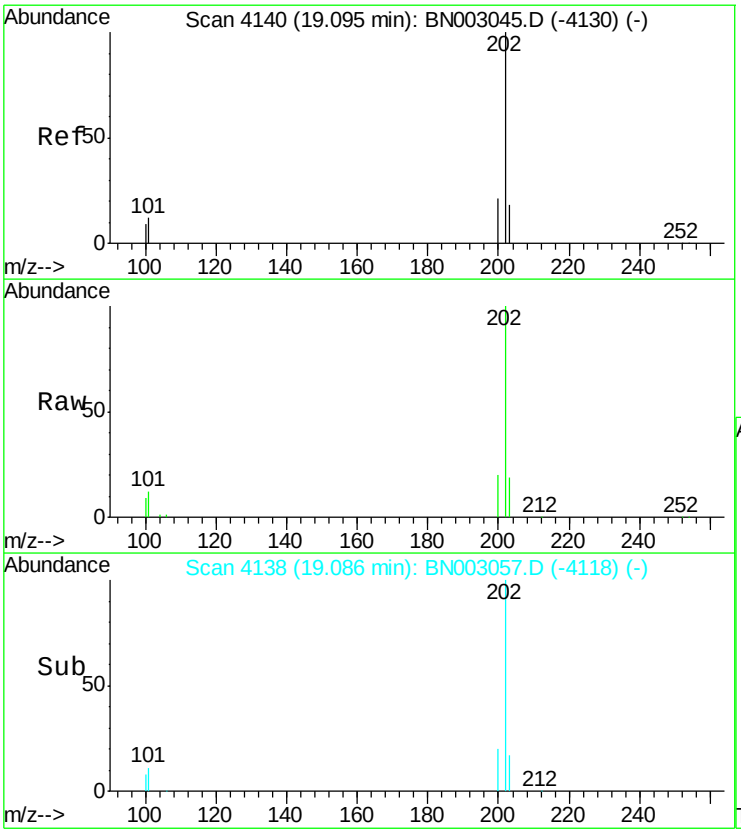
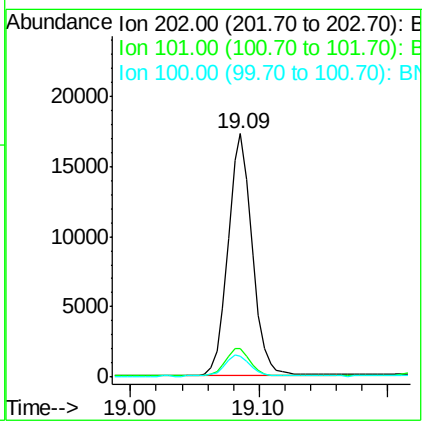


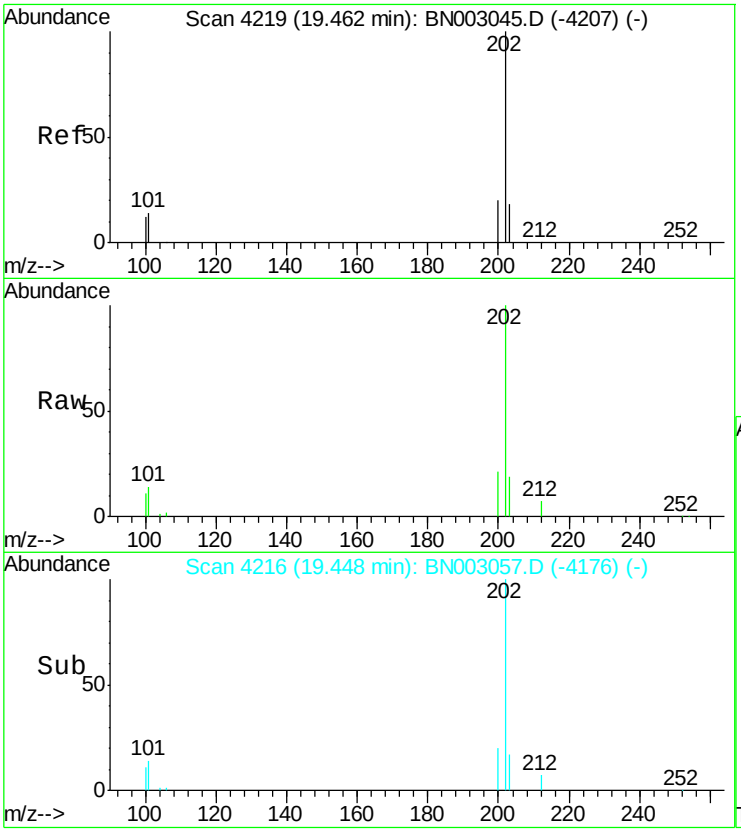


#15
Fluoranthene
Concen: 0.756 ng/ul
RT: 19.09 min Scan# 4138
Delta R.T. -0.01 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:202 Resp: 22446

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.3
100	8.6	0.0	29.1

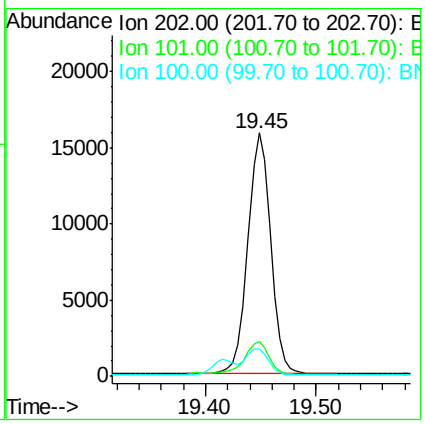




#17
Pyrene
Concen: 0.636 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:202 Resp: 22158

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.9	17.9
100	11.4	9.9	14.9



Instrument :
BNA_N
ClientSampleId :
JLC40DL

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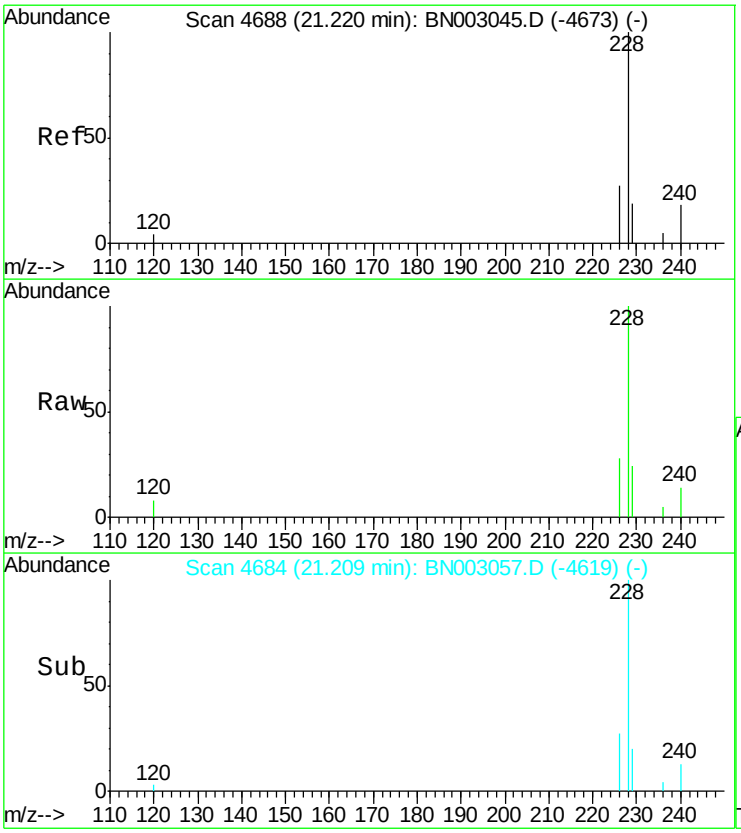
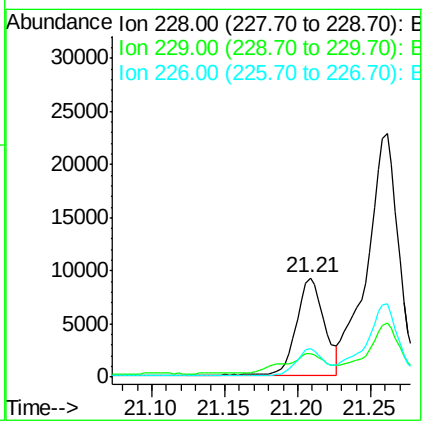
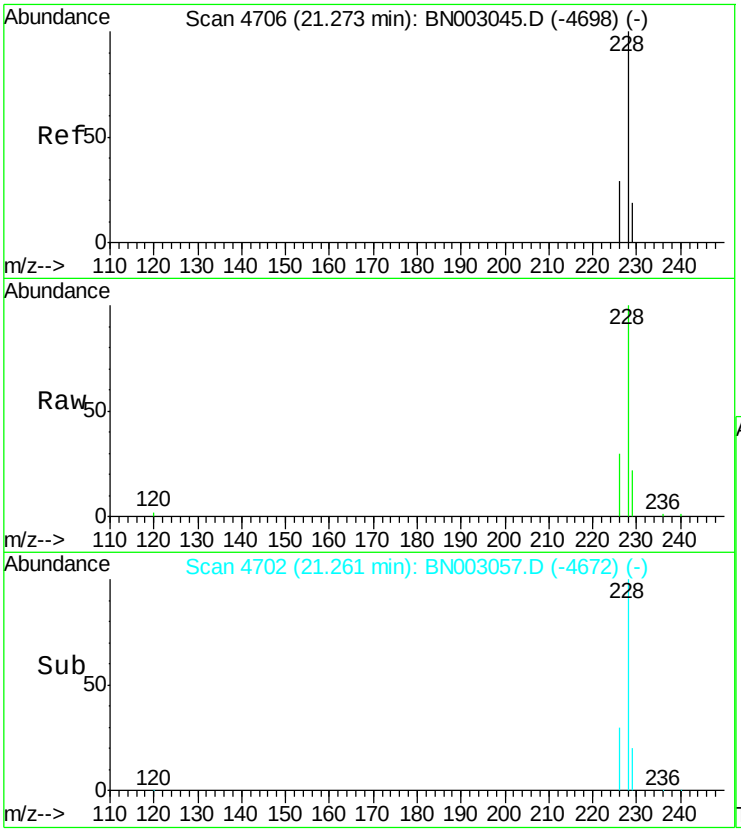


#18
Benzo(a)anthracene
Concen: 0.419 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:228 Resp: 12082

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

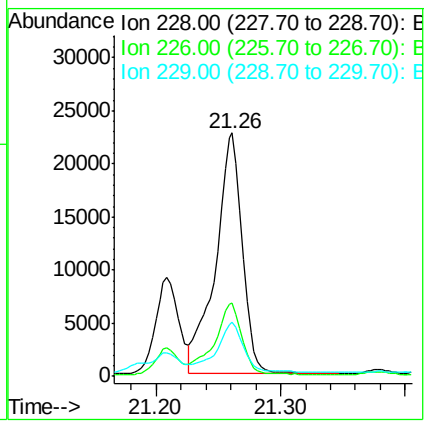




#19
Chrysene
Concen: 1.161 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:228 Resp: 34009

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	22.2	16.7	25.1



Instrument :
BNA_N
ClientSampleId :
JLC40DL

Manual Integrations APPROVED
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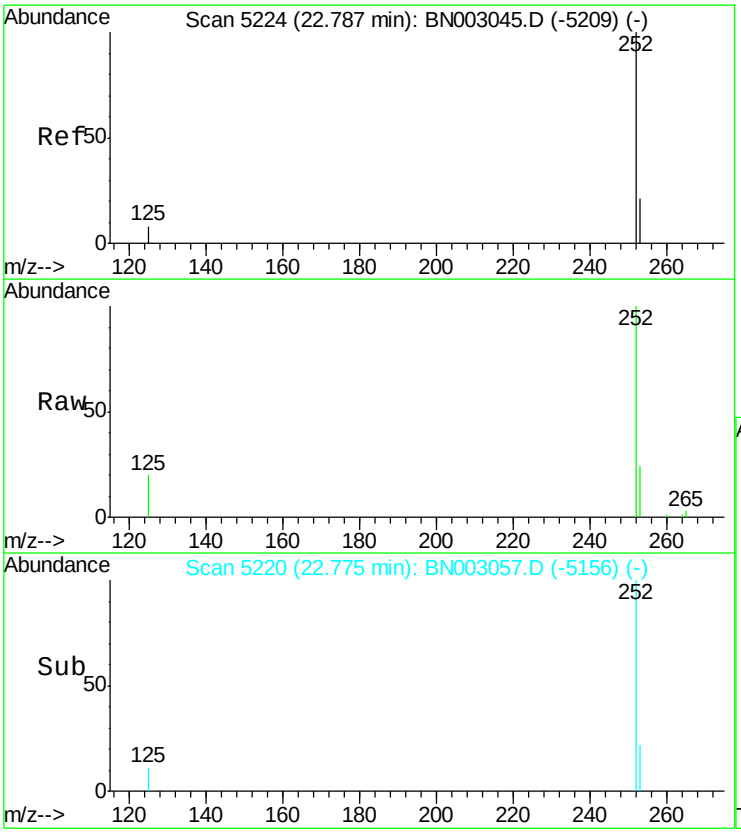
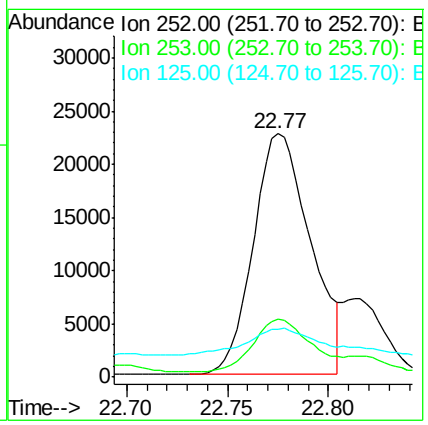
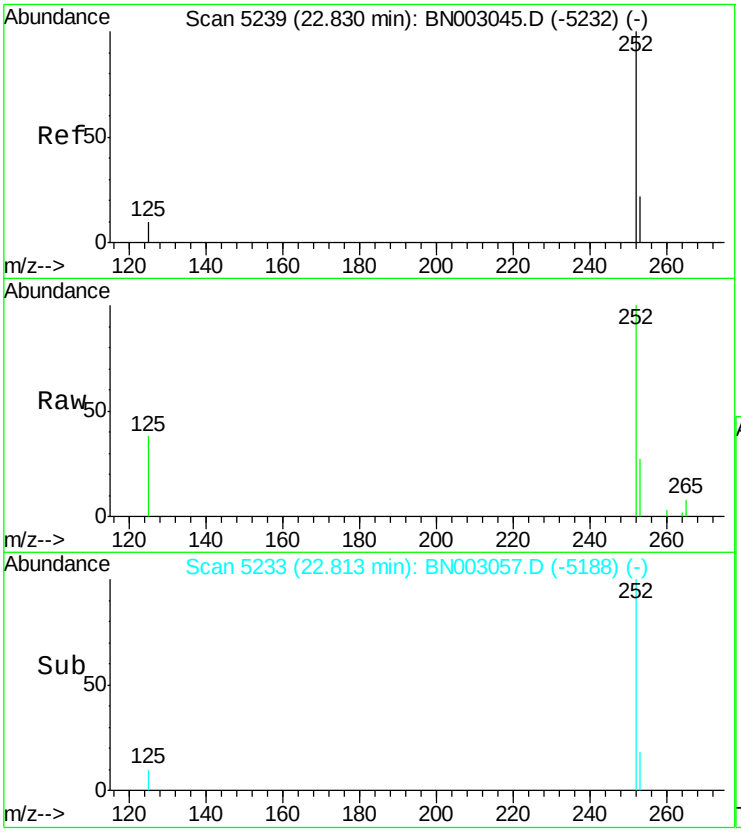


#21
Benzo(b)fluoranthene
Concen: 1.582 ng/ul m
RT: 22.77 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:252 Resp: 44864

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	53.2
125	19.8	0.0	34.2





#22
Benzo(k)fluoranthene
Concen: 0.352 ng/ul m
RT: 22.81 min Scan# 5233
Delta R.T. -0.02 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:252 Resp: 10338

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.3	31.9
125	37.9	14.1	21.1#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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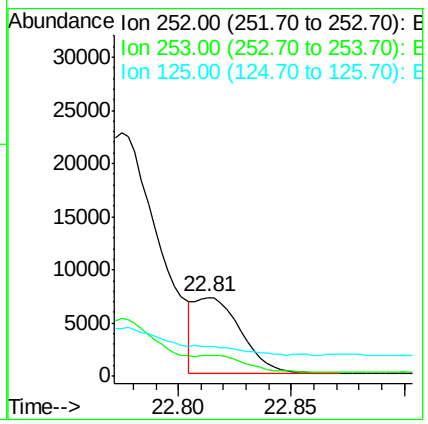
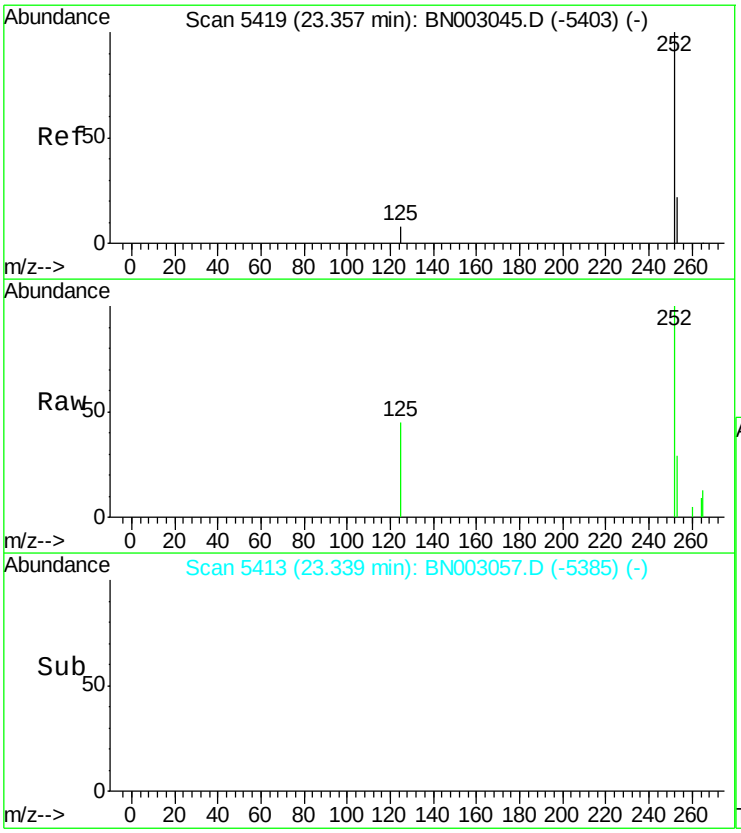
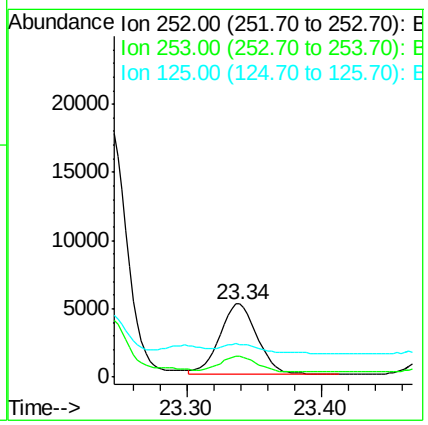


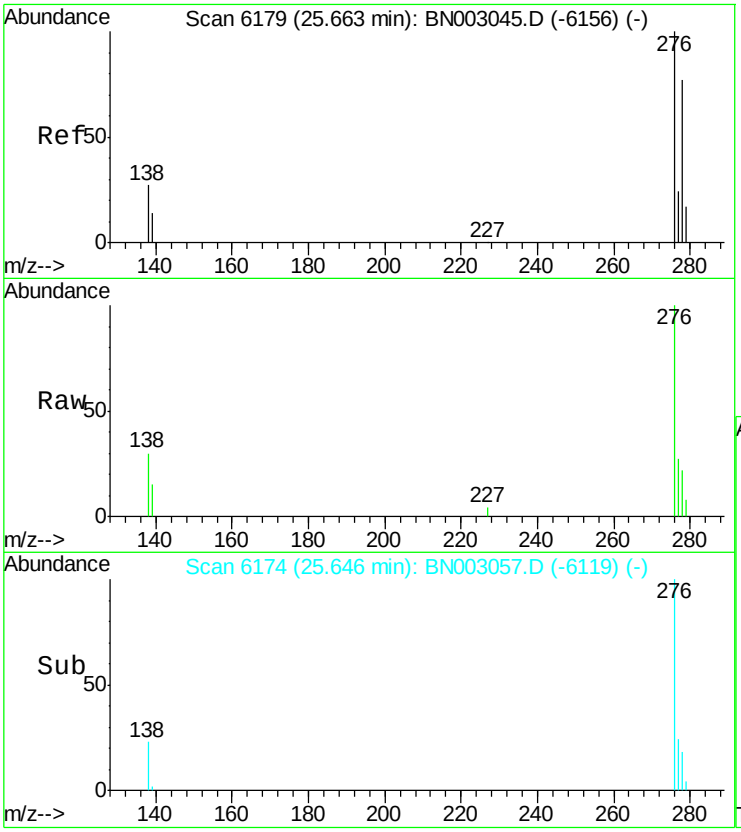


#23
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.34 min Scan# 5413
Delta R.T. -0.02 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:252 Resp: 9922

Ion	Ratio	Lower	Upper
252	100		
253	29.2	23.1	34.7
125	44.7	16.9	25.3#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.448 ng/ul
RT: 25.65 min Scan# 6174
Delta R.T. -0.02 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Instrument :
BNA_N
ClientSampleId :
JLC40DL

Manual Integrations APPROVED
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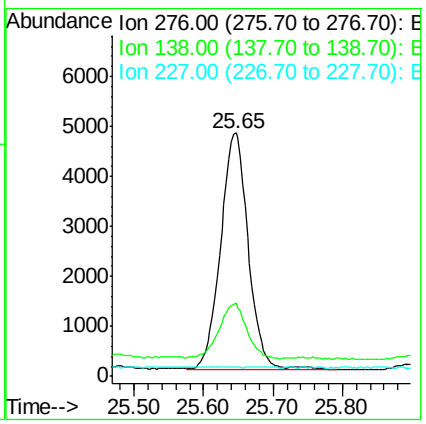
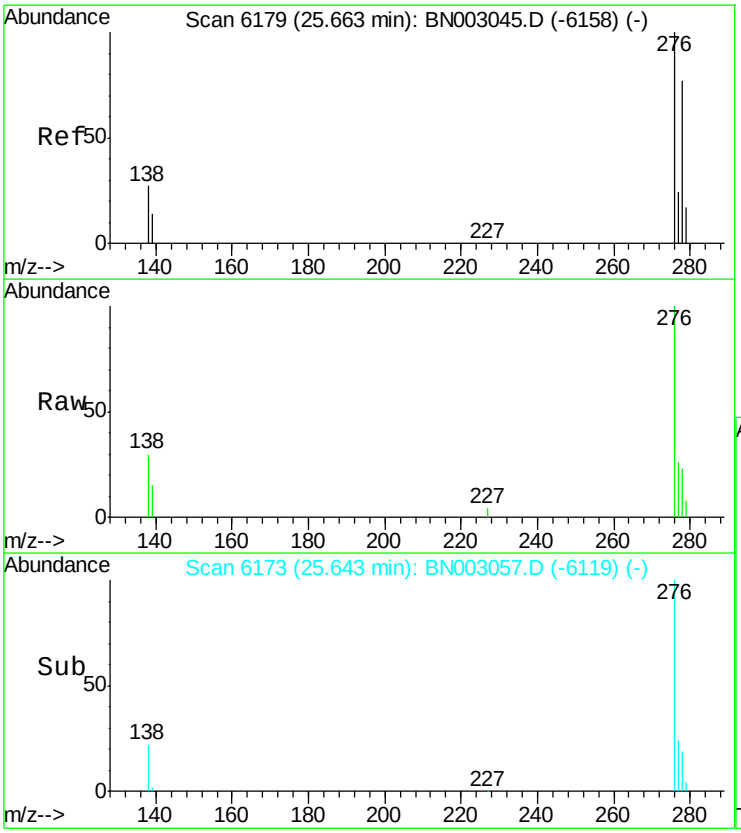
10/10/2018 4:58:30 PM

Tgt Ion:276 Resp: 13098

Ion	Ratio	Lower	Upper
276	100		
138	23.5	21.5	32.3
227	0.2	0.3	0.5#

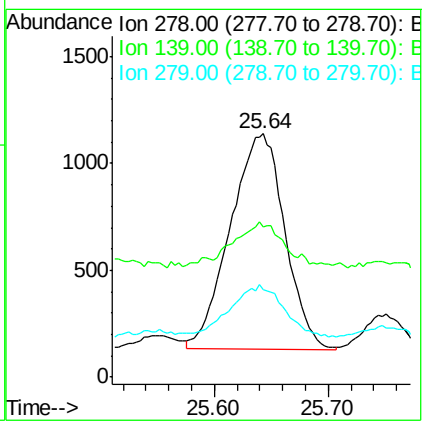


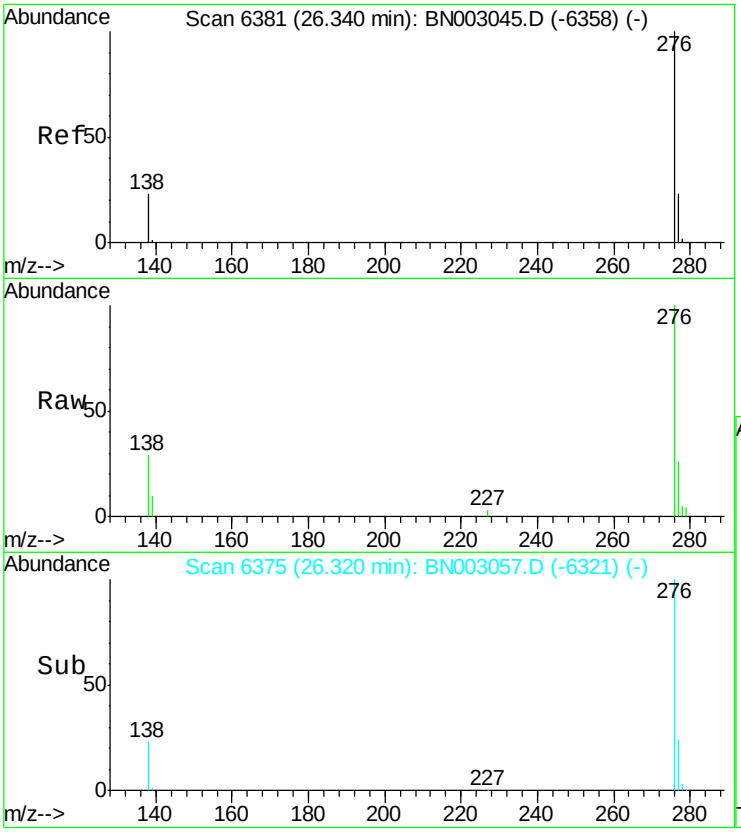


#25
Dibenzo(a,h)anthracene
Concen: 0.143 ng/ul
RT: 25.64 min Scan# 6173
Delta R.T. -0.02 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:278 Resp: 3334

Ion	Ratio	Lower	Upper
278	100		
139	61.9	20.2	30.4#
279	35.8	23.8	35.8#

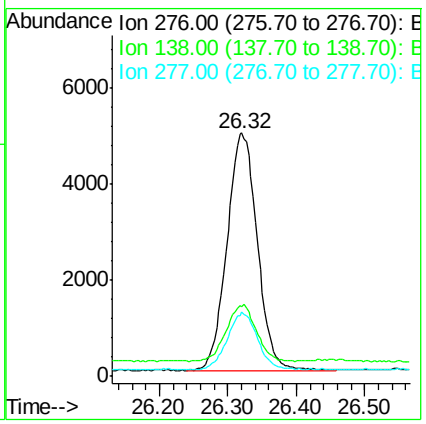




#26
Benzo(g,h,i)perylene
Concen: 0.620 ng/ul
RT: 26.32 min Scan# 6375
Delta R.T. -0.02 min
Lab File: BN003057.D
Acq: 10 Oct 2018 09:00

Tgt Ion:276 Resp: 15282

Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.0	34.4
277	26.2	22.0	33.0



Instrument :
BNA_N
ClientSampleId :
JLC40DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:30 PM