Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110218\
Data File : BN003401.D
Acq On : 02 Nov 2018 12:29
Operator : MJ/SJ
Sample : J5704-24
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40K3

Manual Integrations APPROVED
Sohil
11/5/2018 4:09:06 PM

Quant Time: Nov 02 22:42:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:13:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	10271	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	42632	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	25173	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	56076m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	45145m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	35806m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	19671	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	50397m	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.70	128	41745	0.349	ng/ul	100
5) 2-Methylnaphthalene	12.31	142	23693	0.275	ng/ul	100
7) Acenaphthylene	14.21	152	6012	0.055	ng/ul#	87
8) Acenaphthene	14.55	153	83213	0.852	ng/ul	99
9) Fluorene	15.54	166	128562	1.117	ng/ul	99
11) Pentachlorophenol	16.87	266	479m	0.043	ng/ul	
12) Phenanthrene	17.27	178	1983636m	10.787	ng/ul	
13) Anthracene	17.36	178	314590m	2.099	ng/ul	
15) Fluoranthene	19.29	202	2792226m	13.509	ng/ul	
17) Pyrene	19.65	202	2318953	14.121	ng/ul	98
18) Benzo(a)anthracene	21.39	228	1098612m	7.762	ng/ul	
19) Chrysene	21.45	228	1228901m	7.639	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	1120124m	7.260	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	393999m	2.637	ng/ul	
23) Benzo(a)pyrene	23.62	252	713403m	5.537	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	387880m	2.812	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	126205m	1.123	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	289090m	2.444	ng/ul	

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

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Manual Integrations APPROVED
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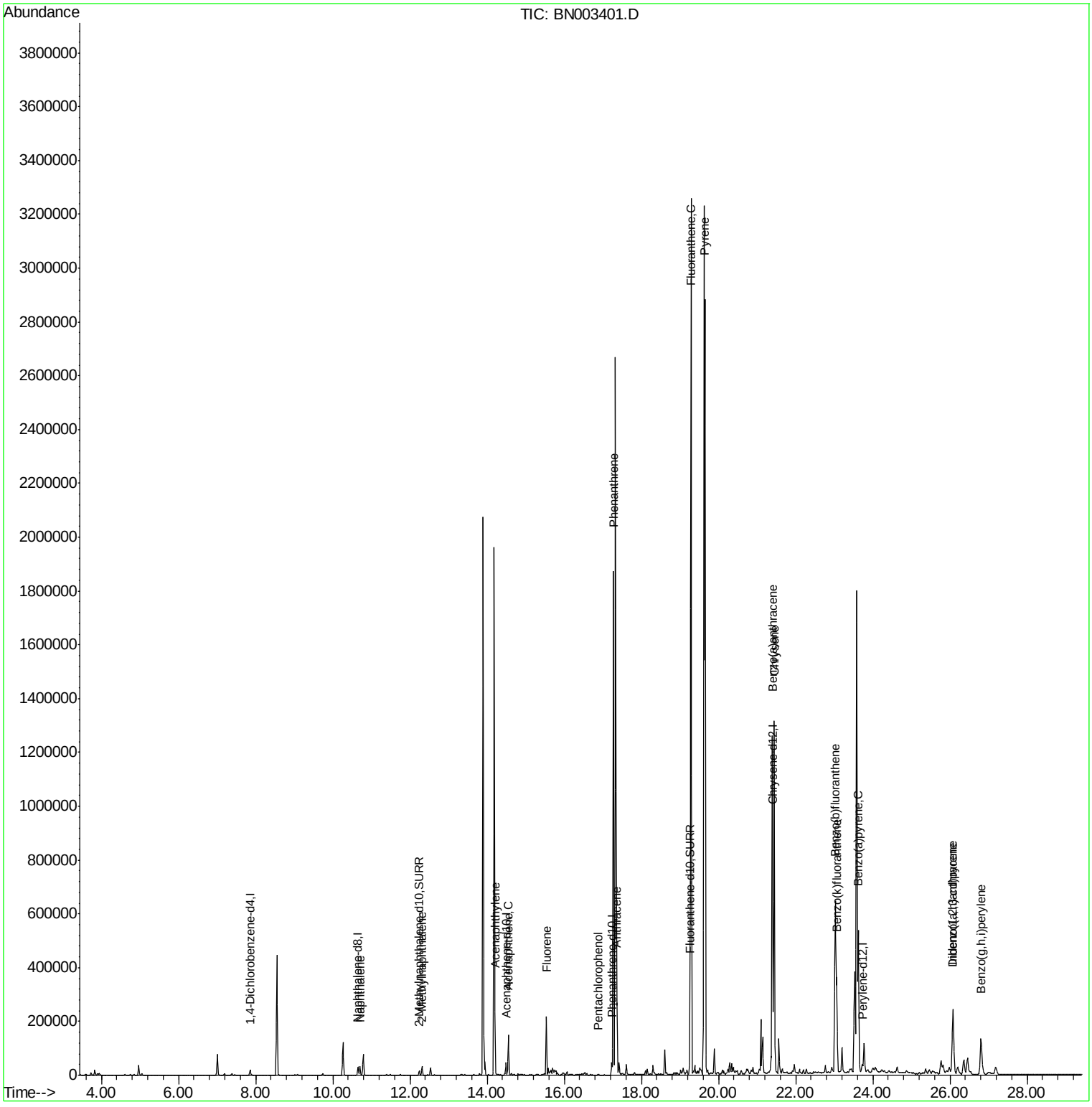
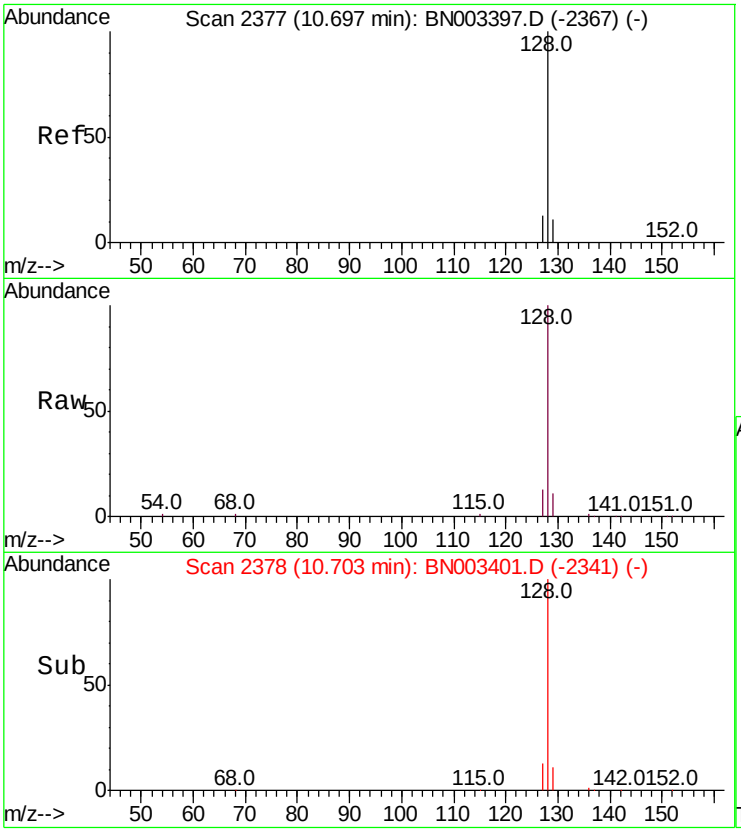
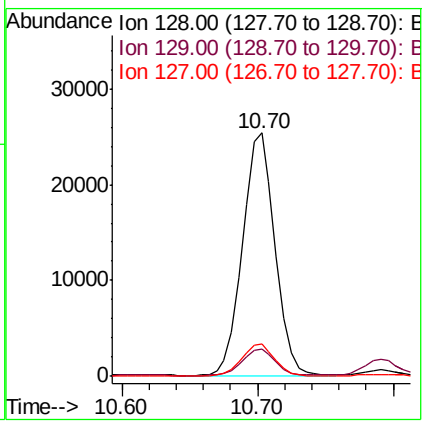




#3
Naphthalene
Concen: 0.349 ng/ul
RT: 10.70 min Scan# 2378
Delta R.T. 0.01 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:128 Resp: 41745

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.2	10.5	15.7



Instrument :
BNA_N
ClientSampleId :
A40K3

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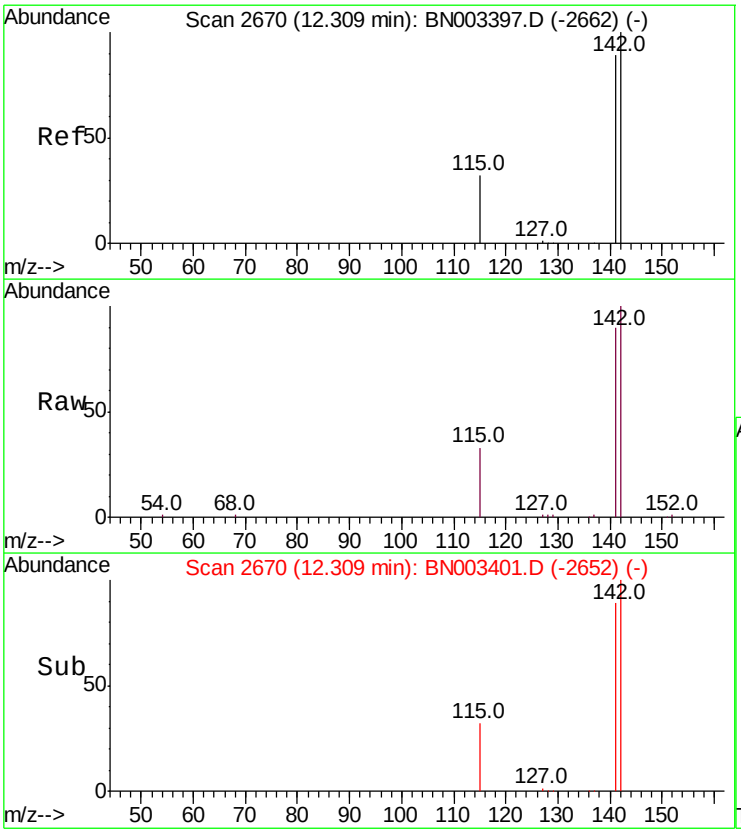
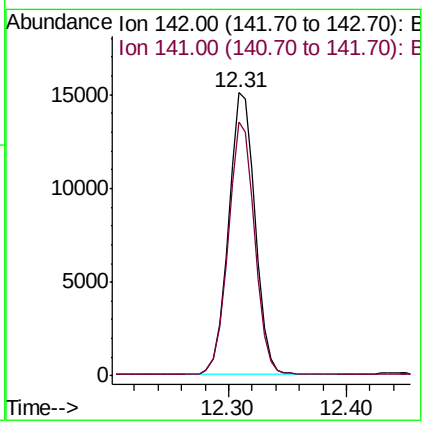
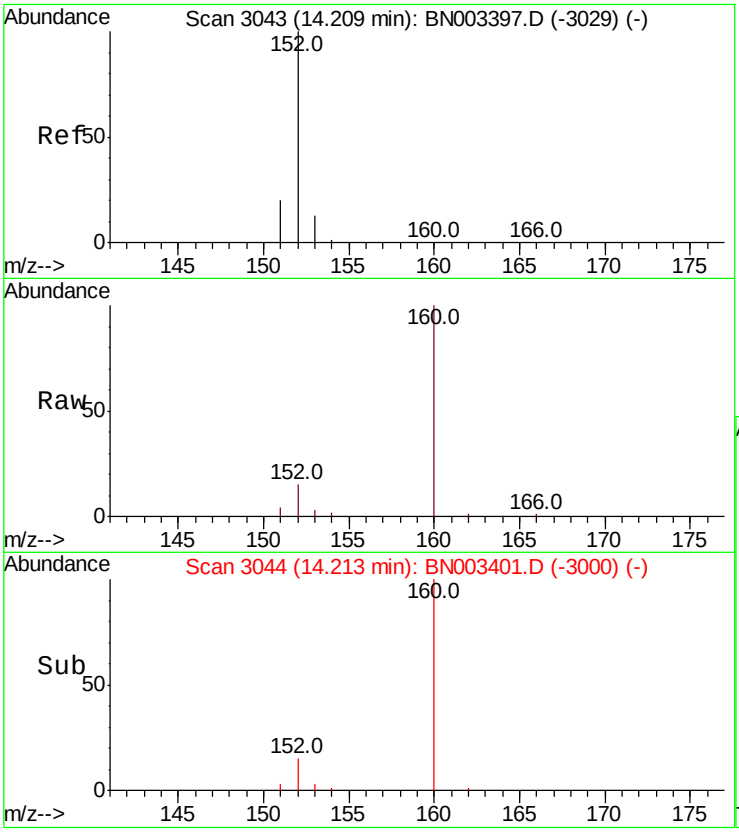


#5
2-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.31 min Scan# 2670
Delta R.T. 0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:142 Resp: 23693

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.2	106.8





#7
Acenaphthylene
Concen: 0.055 ng/ul
RT: 14.21 min Scan# 3044
Delta R.T. 0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:152 Resp: 6012

Ion	Ratio	Lower	Upper
152	100		
151	22.8	15.6	23.4
153	21.2	10.4	15.6#

Instrument :
BNA_N
ClientSampleId :
A40K3

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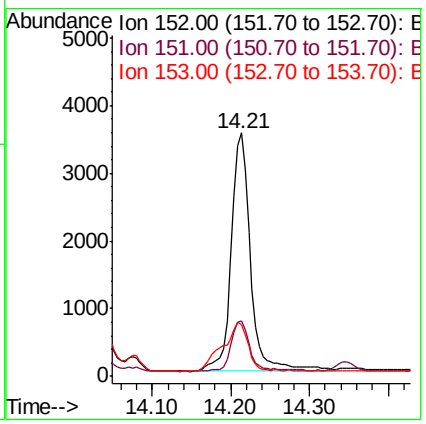
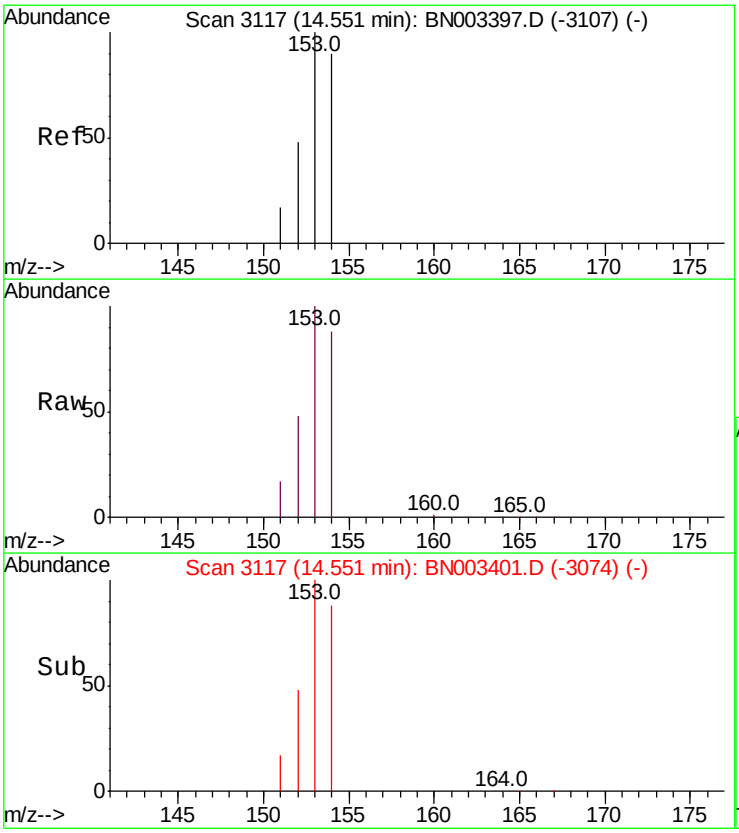
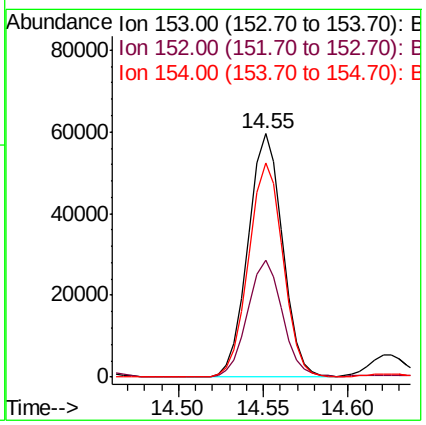


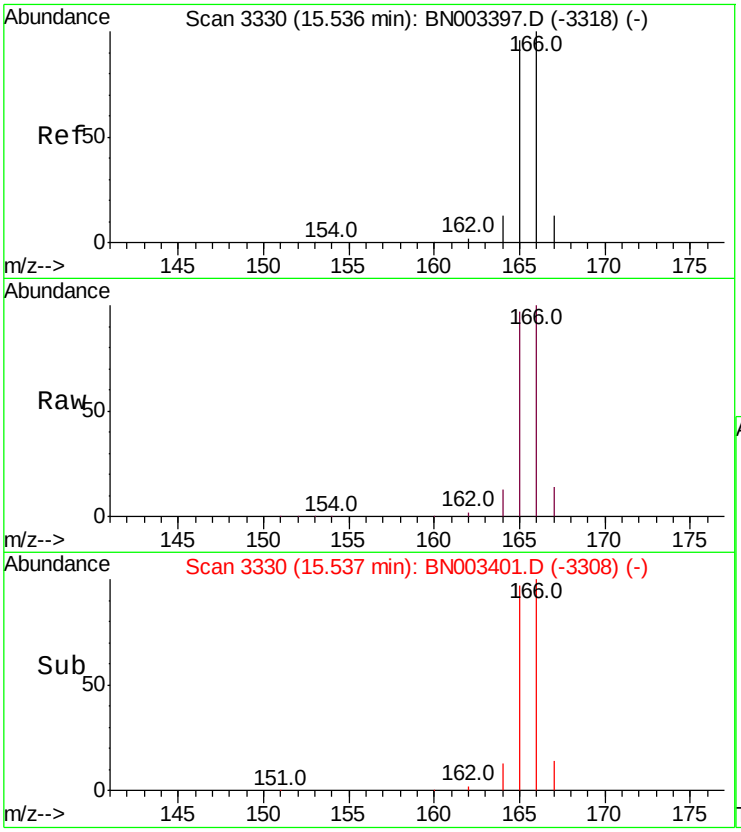


#8
Acenaphthene
Concen: 0.852 ng/ul
RT: 14.55 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:153 Resp: 83213

Ion	Ratio	Lower	Upper
153	100		
152	47.8	39.5	59.3
154	88.0	70.3	105.5

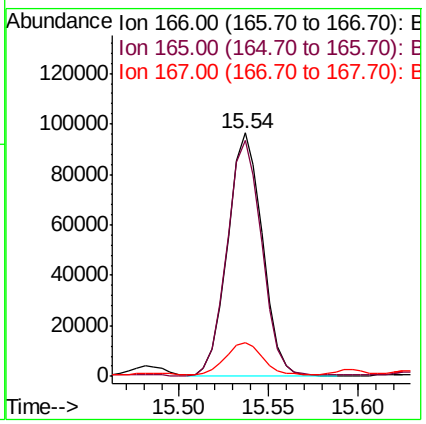




#9
Fluorene
Concen: 1.117 ng/ul
RT: 15.54 min Scan# 3330
Delta R.T. 0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:166 Resp: 128562

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.3	117.5
167	14.0	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
A40K3

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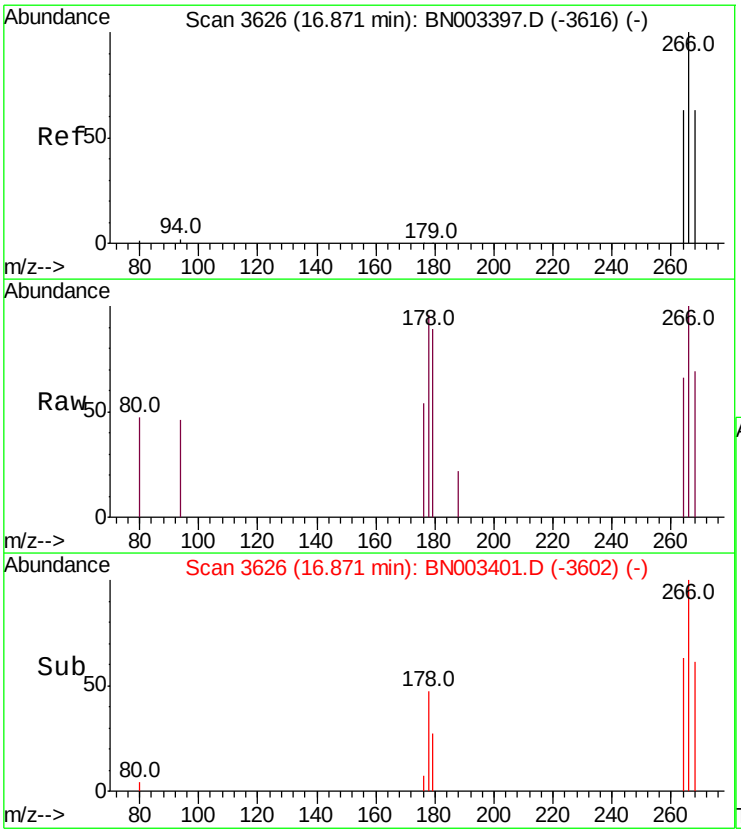
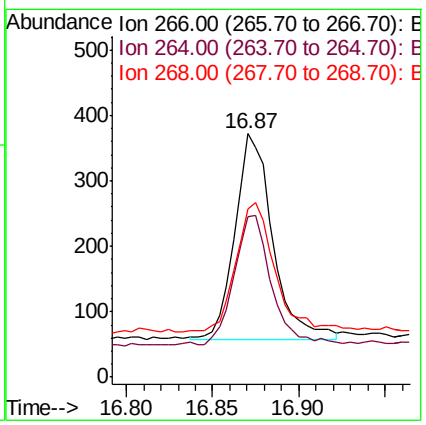
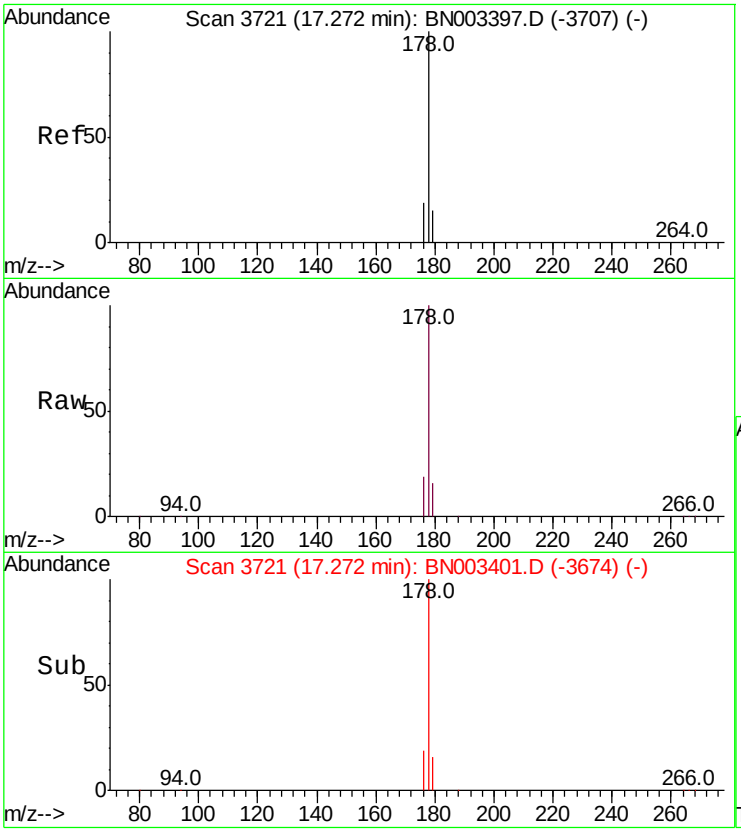


#11
Pentachlorophenol
Concen: 0.043 ng/ul m
RT: 16.87 min Scan# 3626
Delta R.T. 0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:266 Resp: 479

Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.2	75.4#
268	2.5	50.7	76.1#

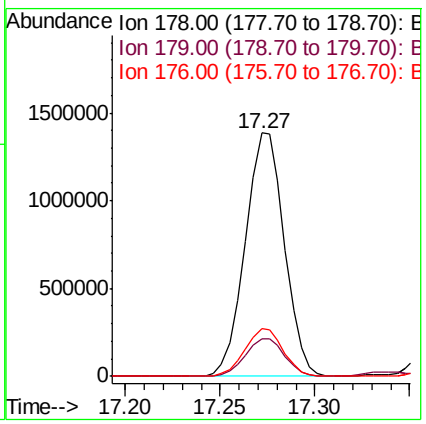




#12
Phenanthrene
Concen: 10.787 ng/ul m
RT: 17.27 min Scan# 3721
Delta R.T. 0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:178 Resp: 1983636

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	19.4	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
A40K3

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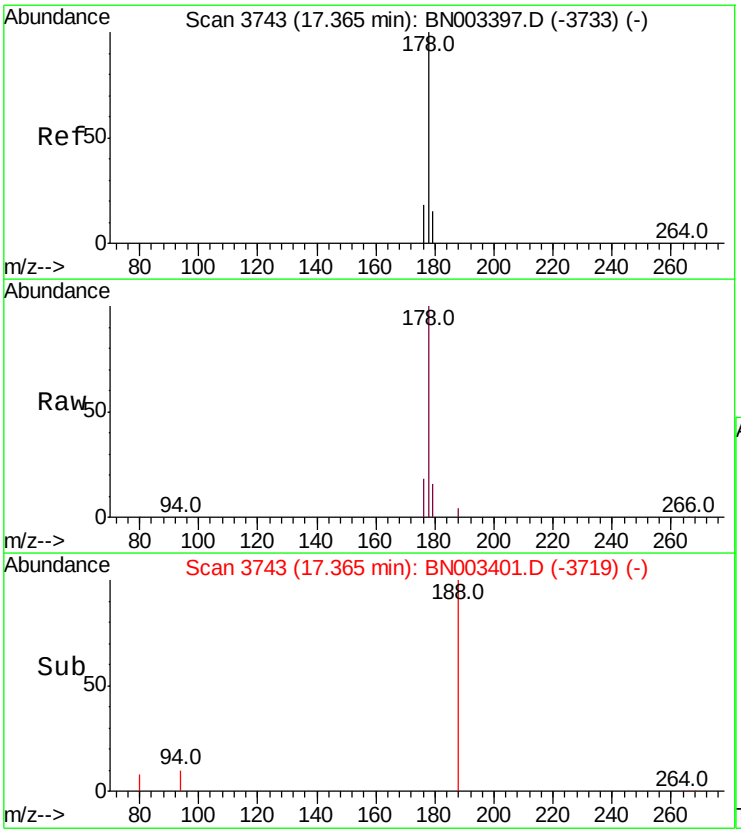
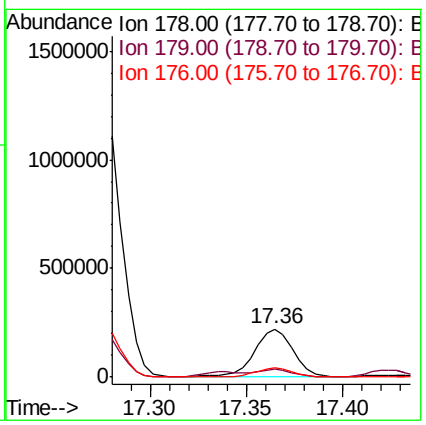
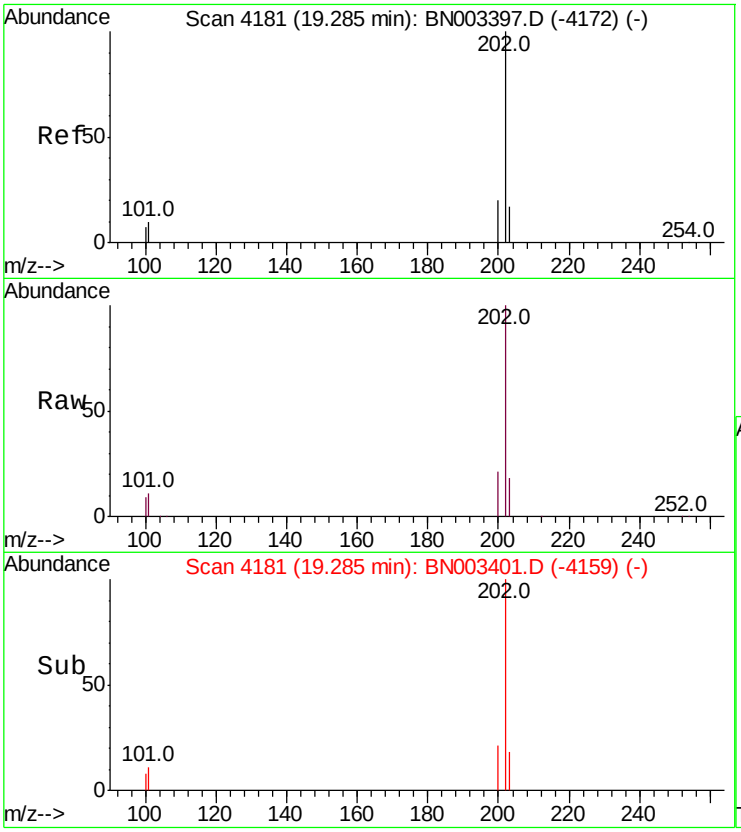


#13
Anthracene
Concen: 2.099 ng/ul m
RT: 17.36 min Scan# 3743
Delta R.T. 0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:178 Resp: 314590

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	18.3	14.7	22.1

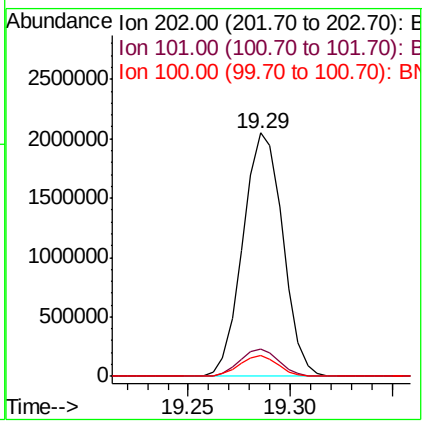




#15
Fluoranthene
Concen: 13.509 ng/ul m
RT: 19.29 min Scan# 4181
Delta R.T. 0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:202 Resp: 2792226

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.7
100	8.5	0.0	28.0



Instrument :
BNA_N
ClientSampleId :
A40K3

Manual Integrations APPROVED
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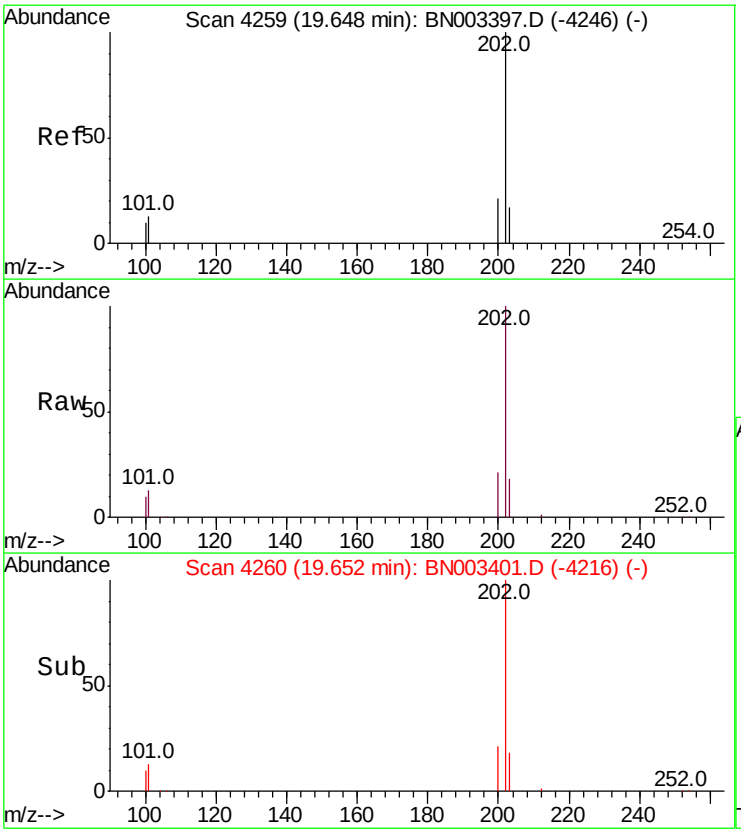
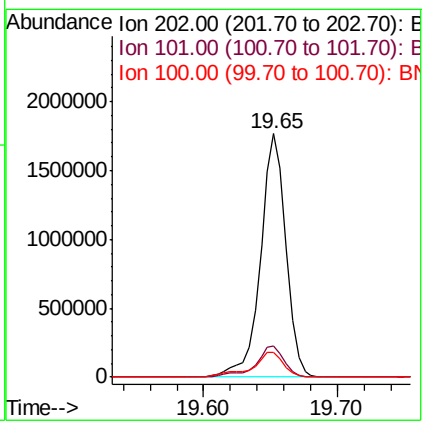
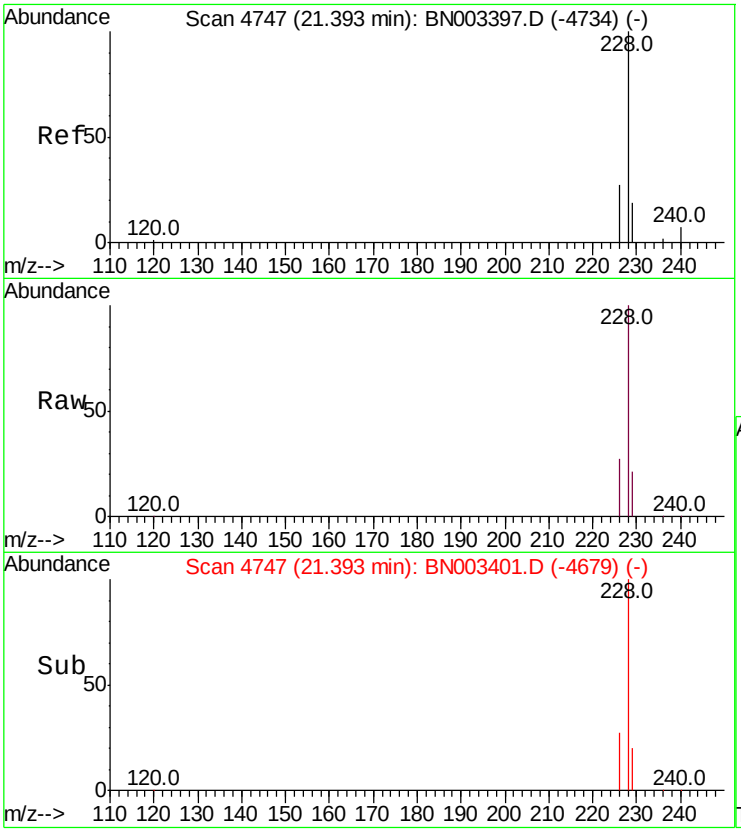


#17
Pyrene
Concen: 14.121 ng/ul
RT: 19.65 min Scan# 4260
Delta R.T. 0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:202 Resp: 2318953

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.5	14.3
100	10.0	7.5	11.3

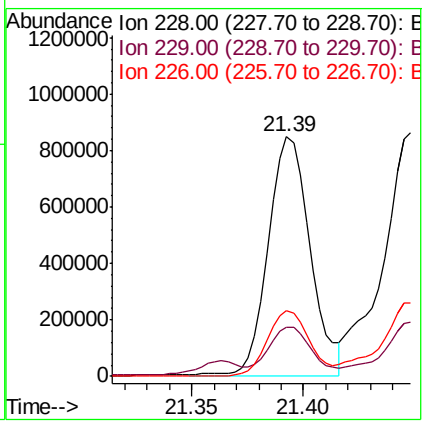




#18
Benzo(a)anthracene
Concen: 7.762 ng/ul m
RT: 21.39 min Scan# 4747
Delta R.T. 0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:228 Resp: 1098612

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.5	23.3
226	27.3	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
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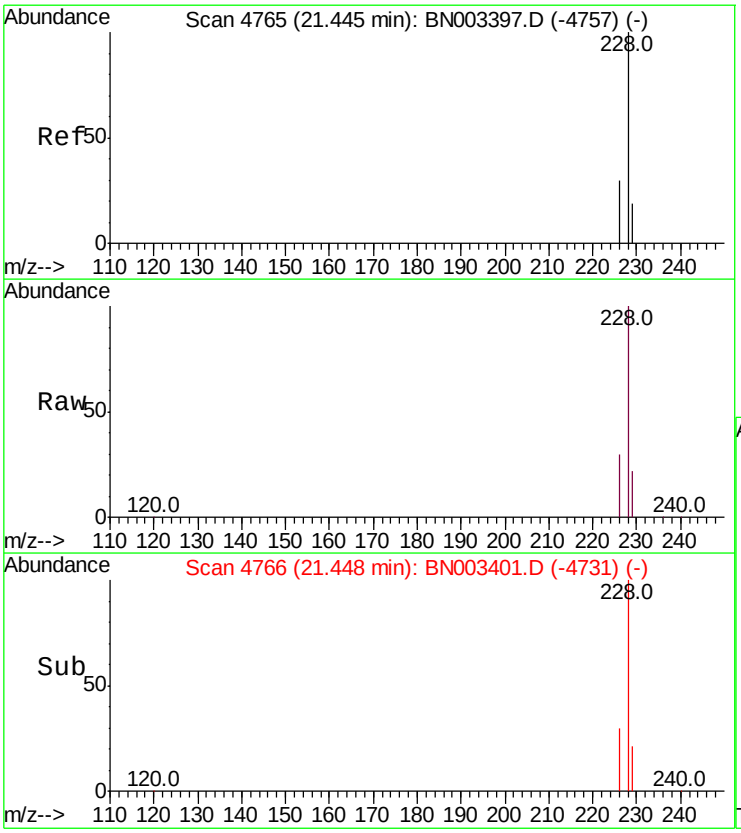
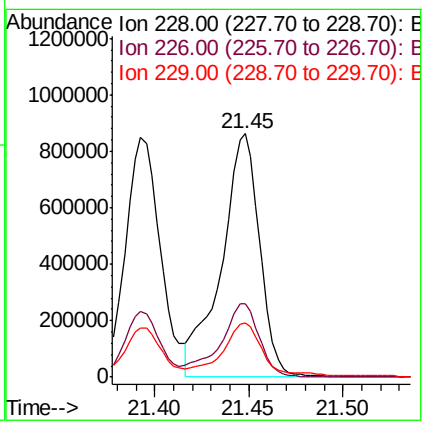
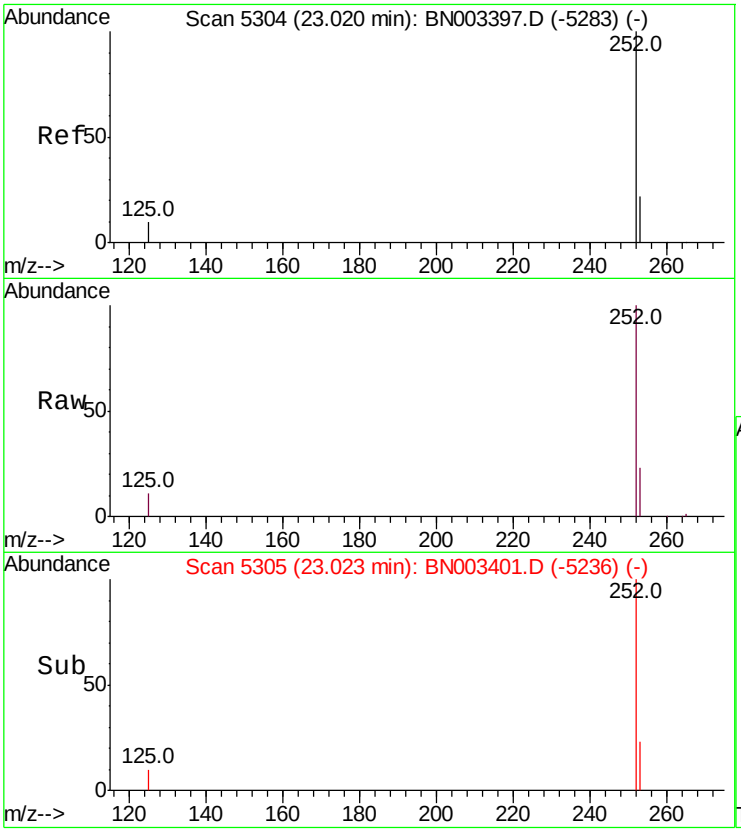


#19
Chrysene
Concen: 7.639 ng/ul m
RT: 21.45 min Scan# 4766
Delta R.T. 0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:228 Resp: 1228901

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	22.4	15.5	23.3

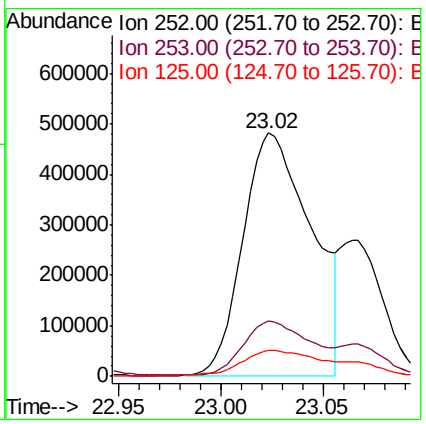




#21
Benzo(b)fluoranthene
Concen: 7.260 ng/ul m
RT: 23.02 min Scan# 5305
Delta R.T. 0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:252 Resp: 1120124

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	45.6
125	10.6	0.0	21.8



Instrument :
BNA_N
ClientSampleId :
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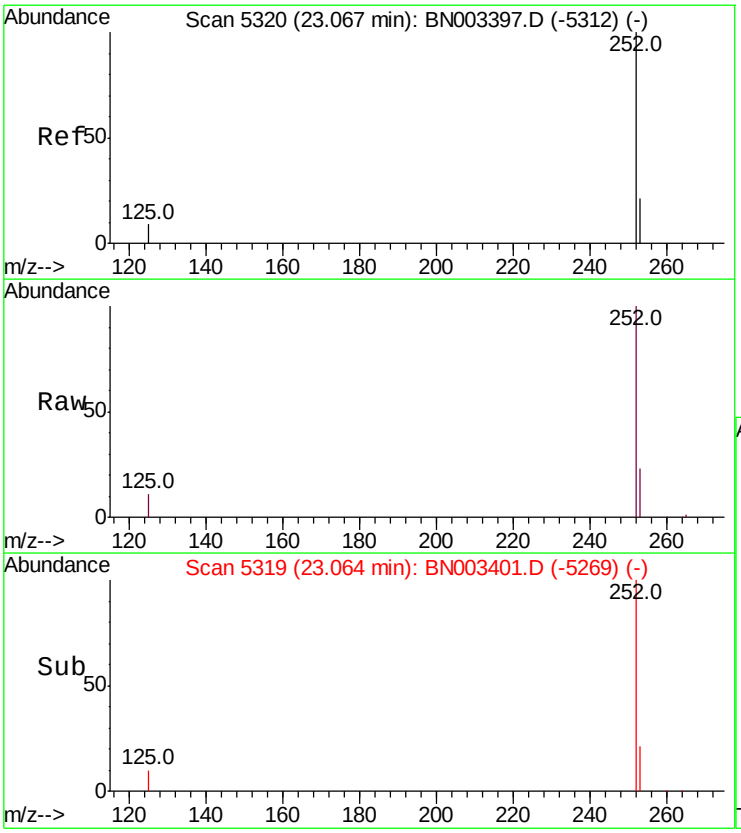
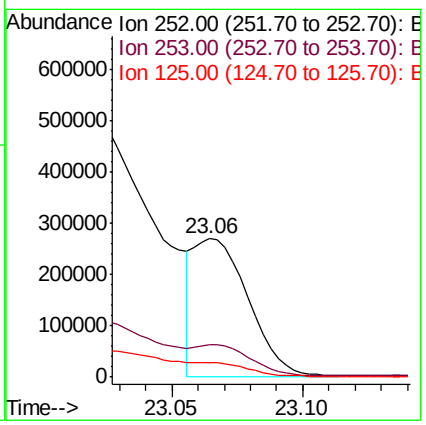
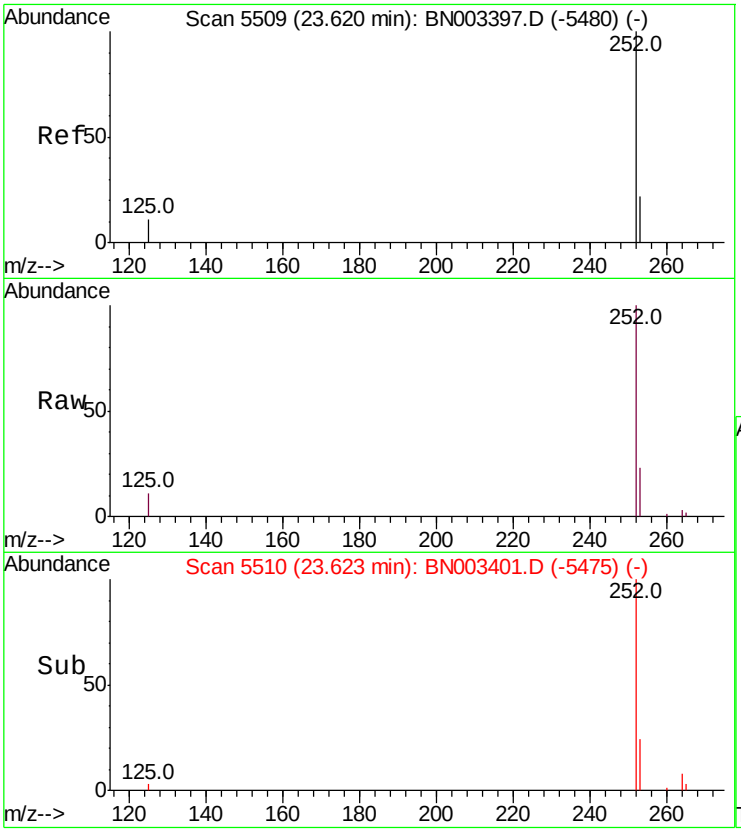


#22
Benzo(k)fluoranthene
Concen: 2.637 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. -0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:252 Resp: 393999

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	10.7	8.6	13.0





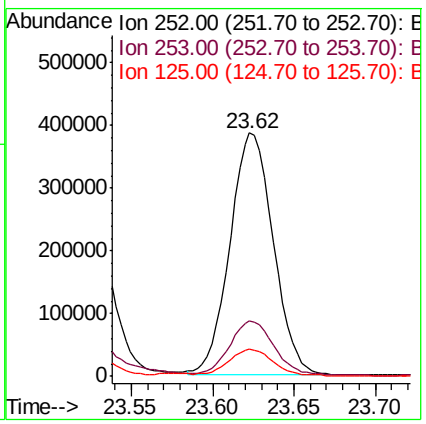
#23
Benzo(a)pyrene
Concen: 5.537 ng/ul m
RT: 23.62 min Scan# 5510
Delta R.T. 0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

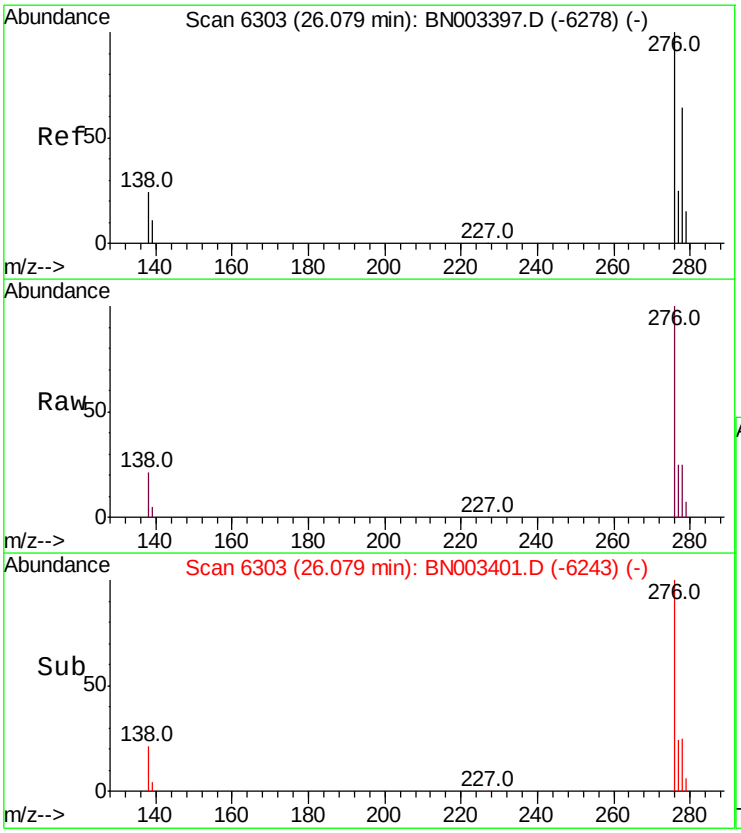
Tgt Ion:252 Resp: 713403

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	11.1	9.9	14.9

Instrument :
BNA_N
ClientSampleId :
A40K3

Manual Integrations APPROVED
Sohil
11/5/2018 4:09:06 PM

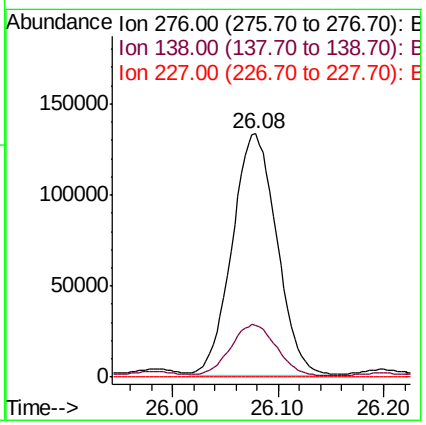


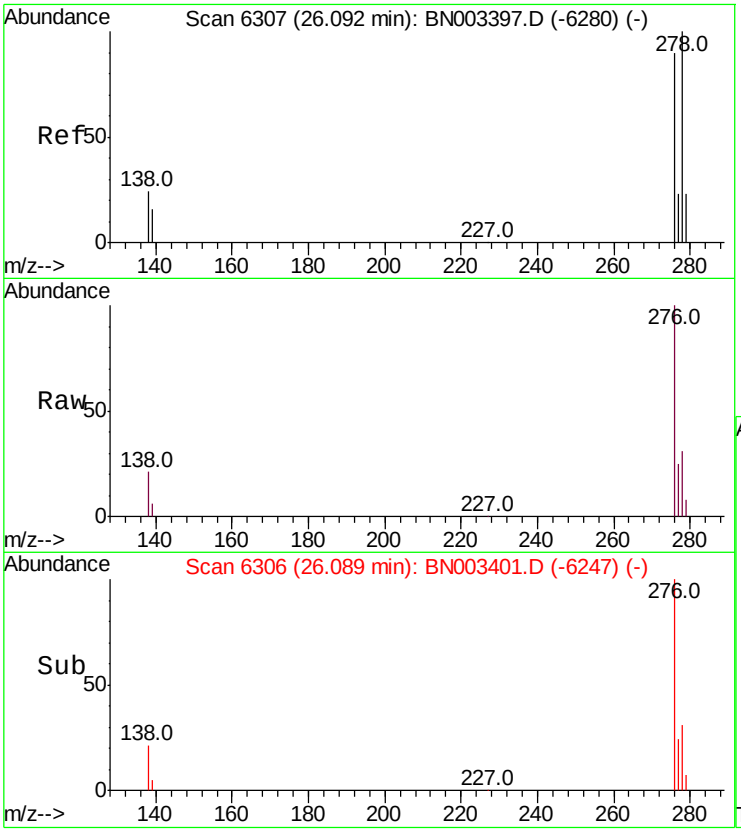


#24
Indeno(1,2,3-cd)pyrene
Concen: 2.812 ng/ul m
RT: 26.08 min Scan# 6303
Delta R.T. 0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:276 Resp: 387880

Ion	Ratio	Lower	Upper
276	100		
138	2.7	19.8	29.8#
227	0.0	0.2	0.2#

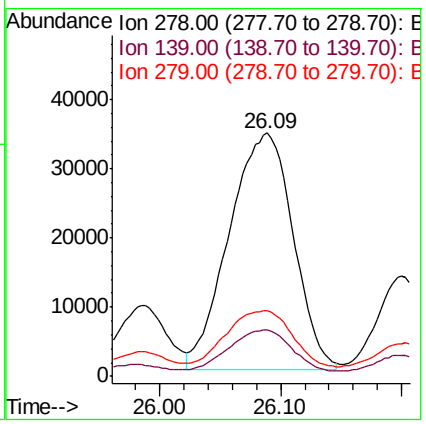




#25
Dibenzo(a,h)anthracene
Concen: 1.123 ng/ul m
RT: 26.09 min Scan# 6306
Delta R.T. -0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

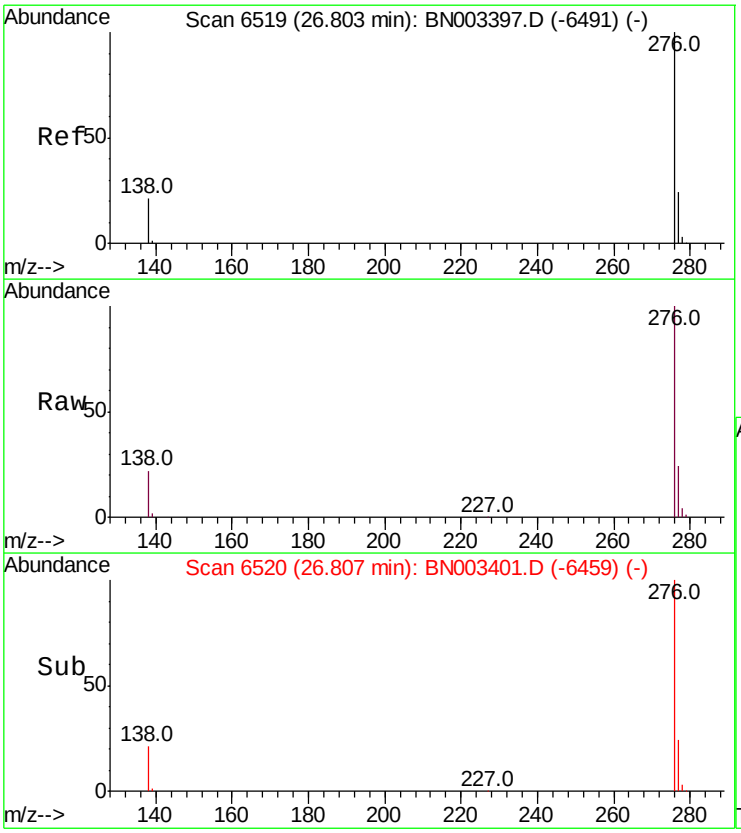
Tgt Ion:278 Resp: 126205

Ion	Ratio	Lower	Upper
278	100		
139	18.9	13.1	19.7
279	26.9	19.5	29.3



Instrument :
BNA_N
ClientSampleId :
A40K3

Manual Integrations APPROVED
Sohil
11/5/2018 4:09:06 PM



#26
Benzo(g,h,i)perylene
Concen: 2.444 ng/ul m
RT: 26.81 min Scan# 6520
Delta R.T. 0.00 min
Lab File: BN003401.D
Acq: 02 Nov 2018 12:29

Tgt Ion:276 Resp: 289090

Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.0	25.6
277	24.4	19.2	28.8