Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

Manual Integrations APPROVED
Sohil
12/17/2018 4:28:58 PM

Quant Time: Dec 17 14:08:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1840	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9215	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5652	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14618m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	16230m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	15086m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2625	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8629m	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	11043	0.427	ng/ul	98
5) 2-Methylnaphthalene	12.29	142	7877	0.436	ng/ul	100
7) Acenaphthylene	14.19	152	30701	1.206	ng/ul	99
8) Acenaphthene	14.53	153	16733	0.750	ng/ul	100
9) Fluorene	15.52	166	20456	0.787	ng/ul	100
12) Phenanthrene	17.26	178	969518m	20.209	ng/ul	
13) Anthracene	17.35	178	123389m	3.129	ng/ul	
15) Fluoranthene	19.28	202	1807762m	31.907	ng/ul	
17) Pyrene	19.64	202	1674081	28.759	ng/ul	97
18) Benzo(a)anthracene	21.39	228	749963m	14.630	ng/ul	
19) Chrysene	21.44	228	871560m	14.857	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	939387m	15.053	ng/ul	
22) Benzo(k)fluoranthene	23.07	252	349191m	5.744	ng/ul	
23) Benzo(a)pyrene	23.63	252	593073m	10.975	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.09	276	411119m	6.634	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	107722m	2.160	ng/ul	
26) Benzo(g,h,i)perylene	26.83	276	412731m	7.663	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN004027.D
Acq On : 17 Dec 2018 10:07
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Dec 17 14:08:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations APPROVED
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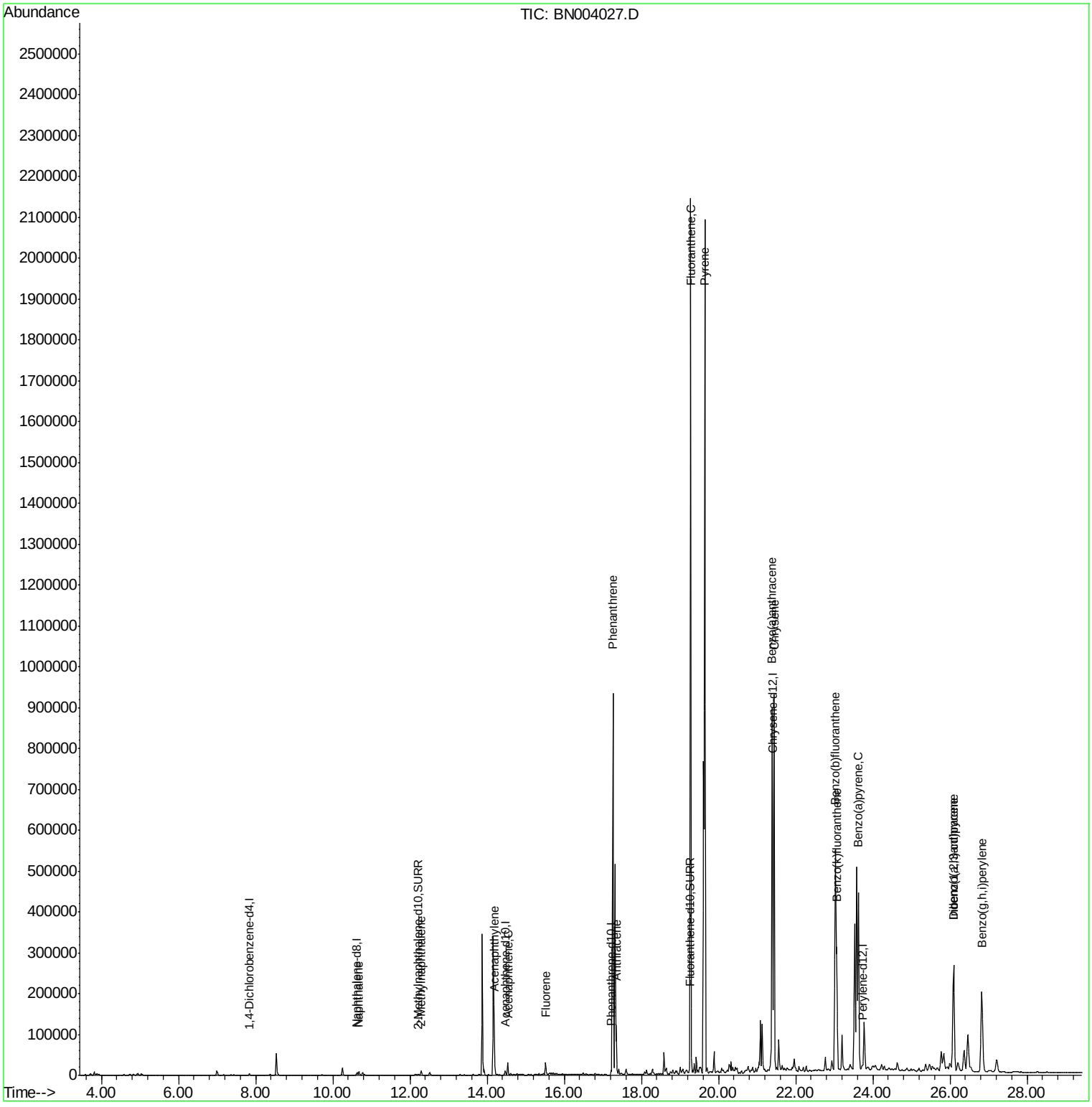
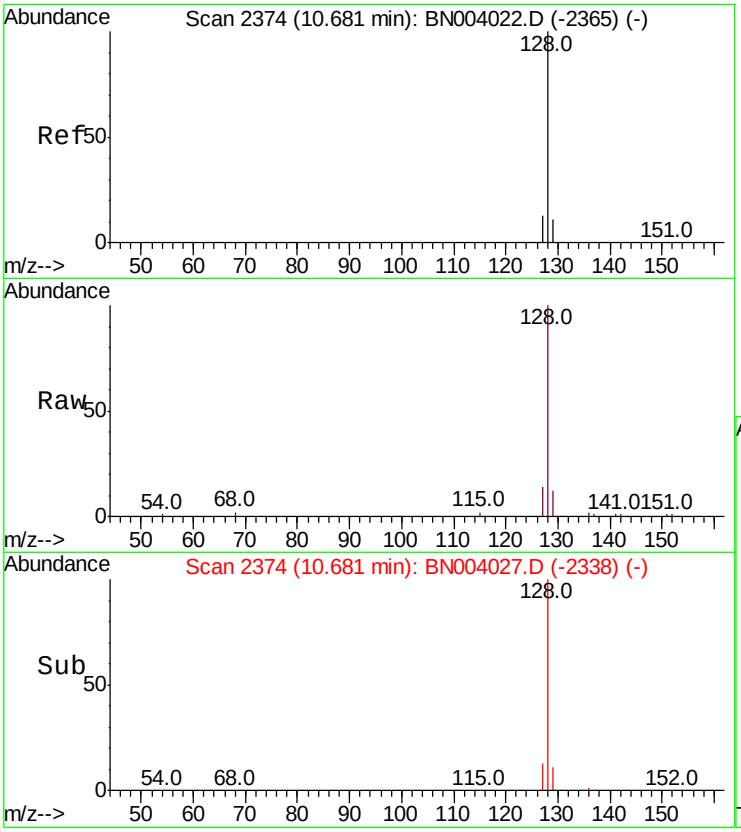
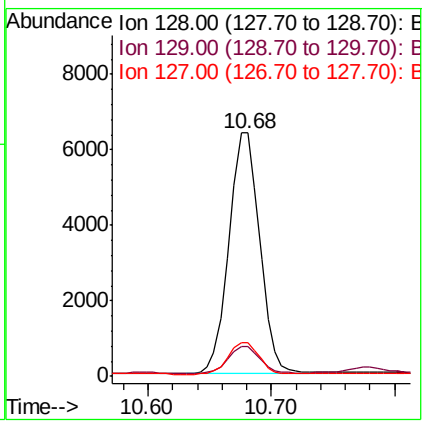




#3
Naphthalene
Concen: 0.427 ng/ul
RT: 10.68 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:128 Resp: 11043

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.6
127	13.7	10.5	15.7



Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations APPROVED
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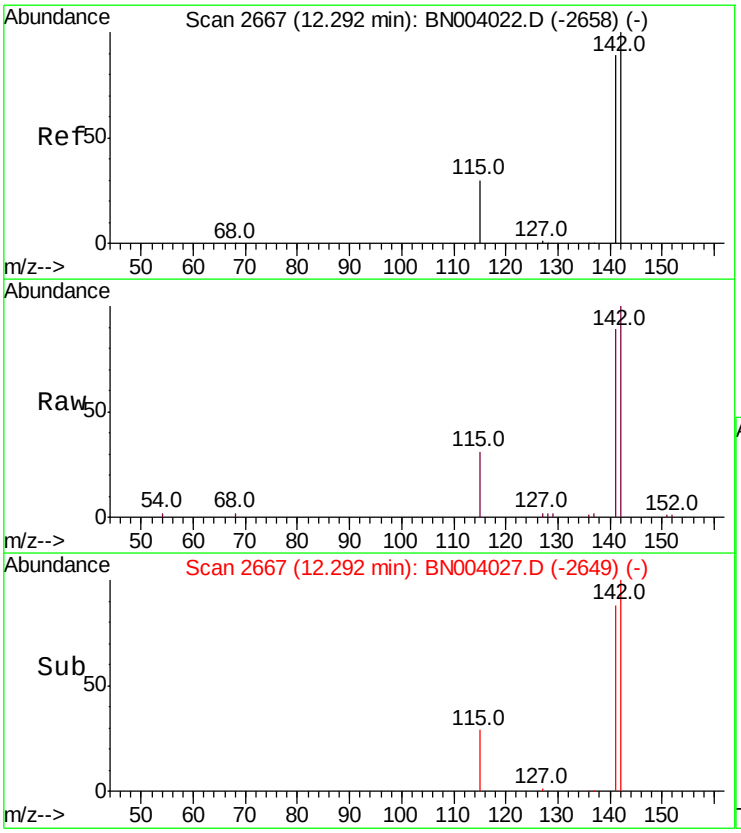
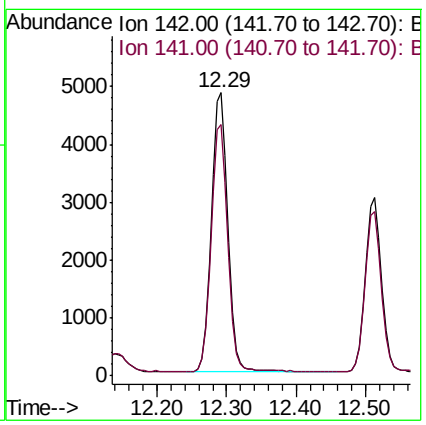
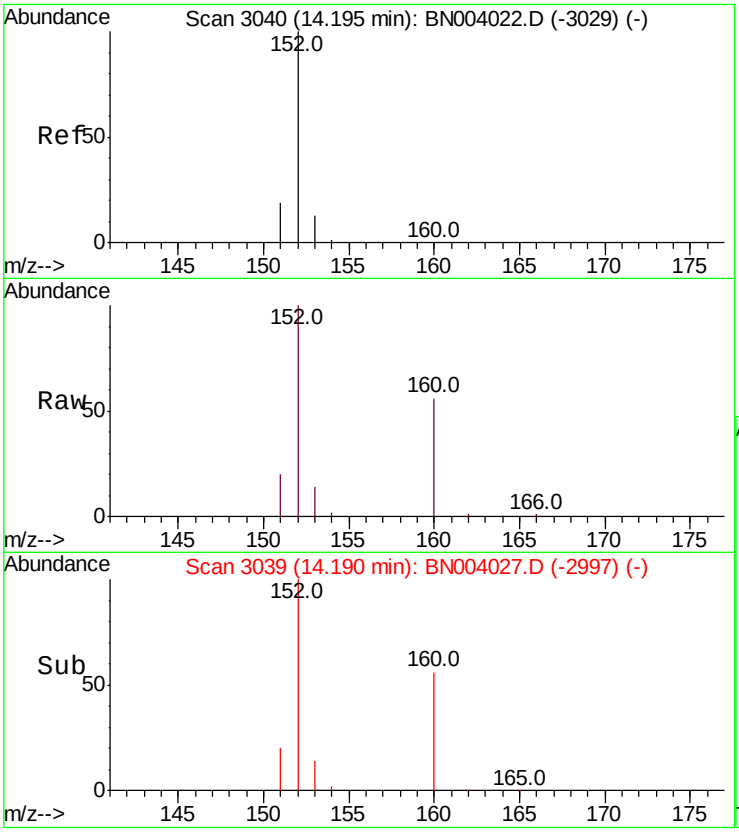


#5
2-Methylnaphthalene
Concen: 0.436 ng/ul
RT: 12.29 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:142 Resp: 7877

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.5	107.3

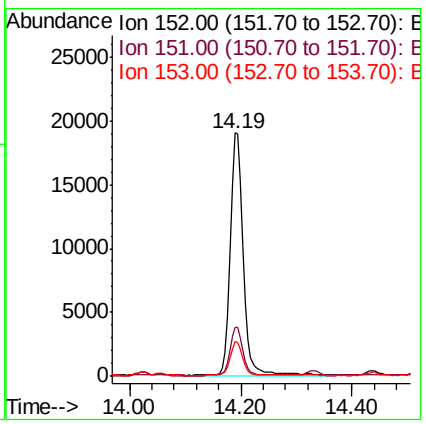




#7
Acenaphthylene
Concen: 1.206 ng/ul
RT: 14.19 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:152 Resp: 30701

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	14.3	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
F9F04

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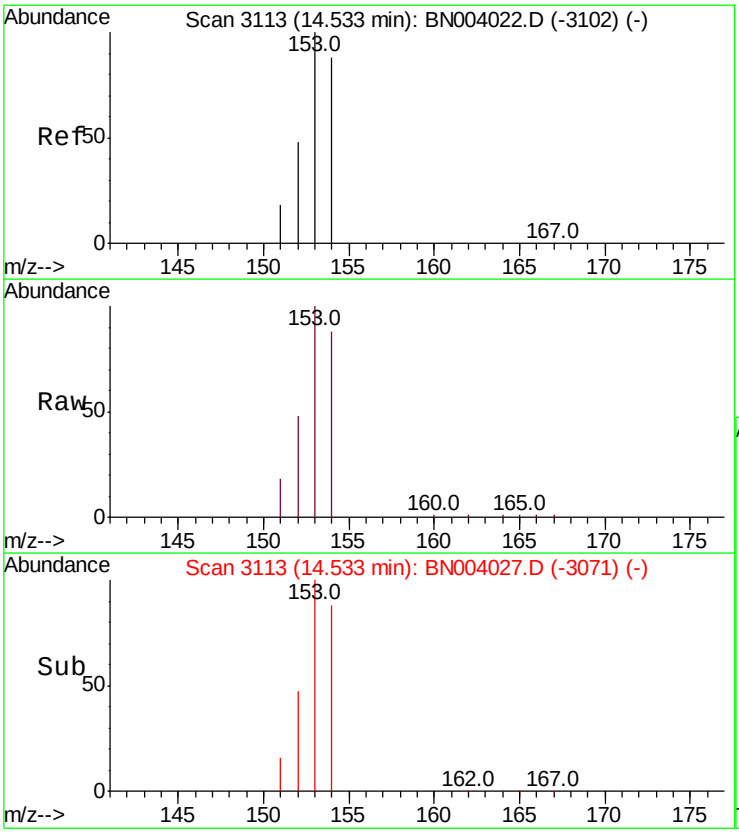
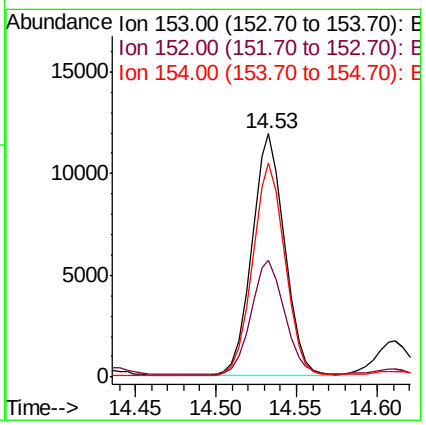
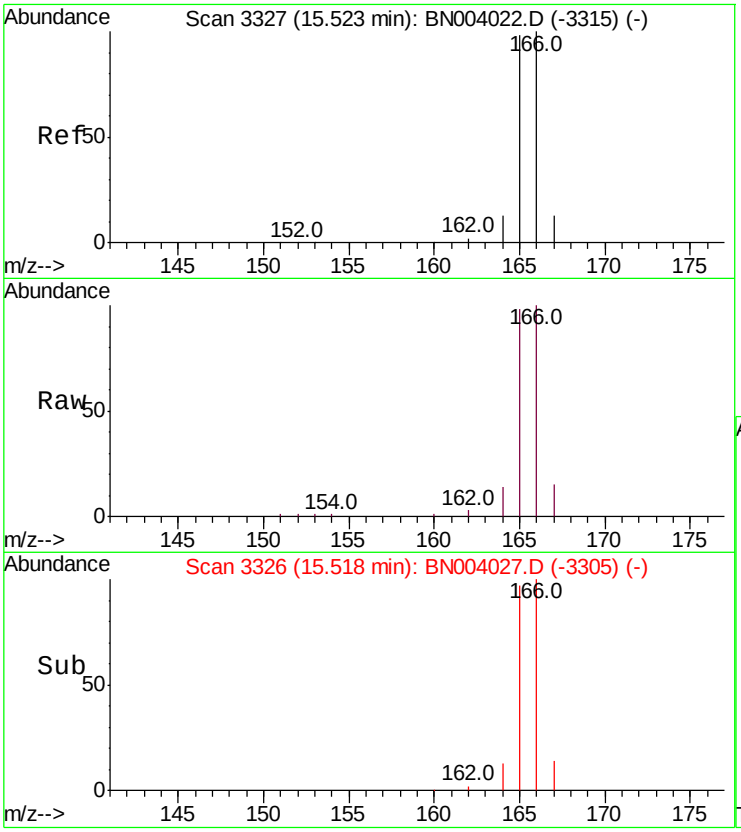


#8
Acenaphthene
Concen: 0.750 ng/ul
RT: 14.53 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:153 Resp: 16733

Ion	Ratio	Lower	Upper
153	100		
152	48.2	39.3	58.9
154	87.9	70.3	105.5

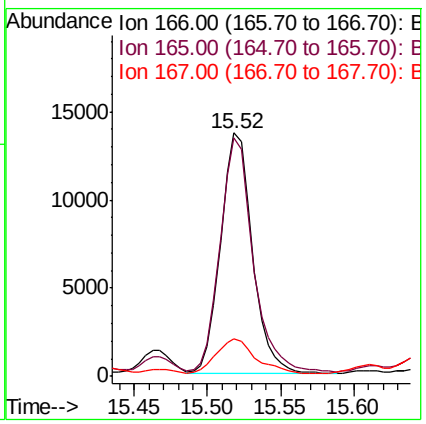




#9
Fluorene
Concen: 0.787 ng/ul
RT: 15.52 min Scan# 3326
Delta R.T. -0.00 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:166 Resp: 20456

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.3	117.5
167	15.5	11.3	16.9



Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations APPROVED
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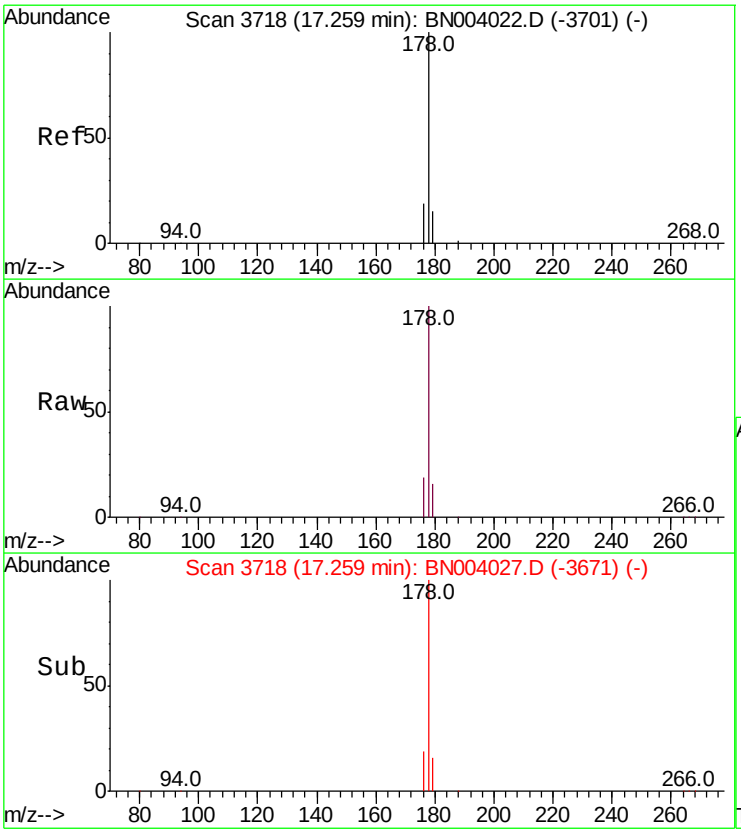
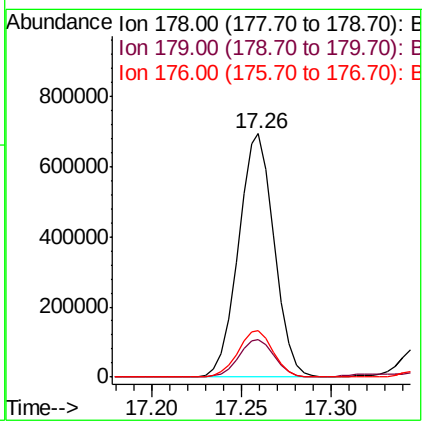
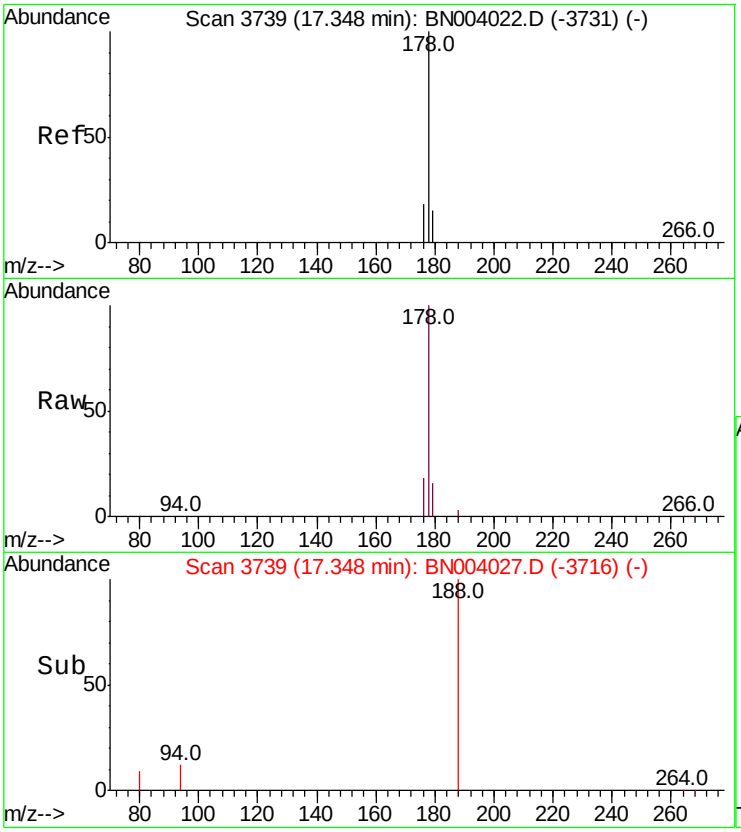


#12
Phenanthrene
Concen: 20.209 ng/ul m
RT: 17.26 min Scan# 3718
Delta R.T. 0.00 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:178 Resp: 969518

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.9	15.0	22.4

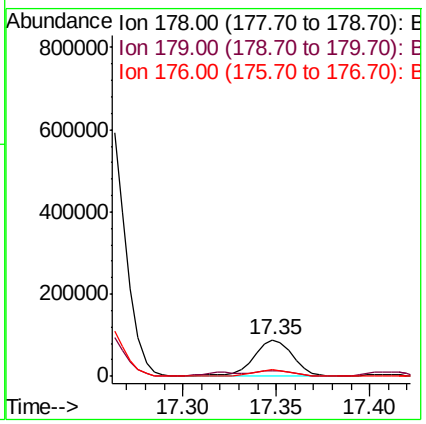




#13
Anthracene
Concen: 3.129 ng/ul m
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:178 Resp: 123389

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.4	14.8	22.2



Instrument :
BNA_N
ClientSampleId :
F9F04

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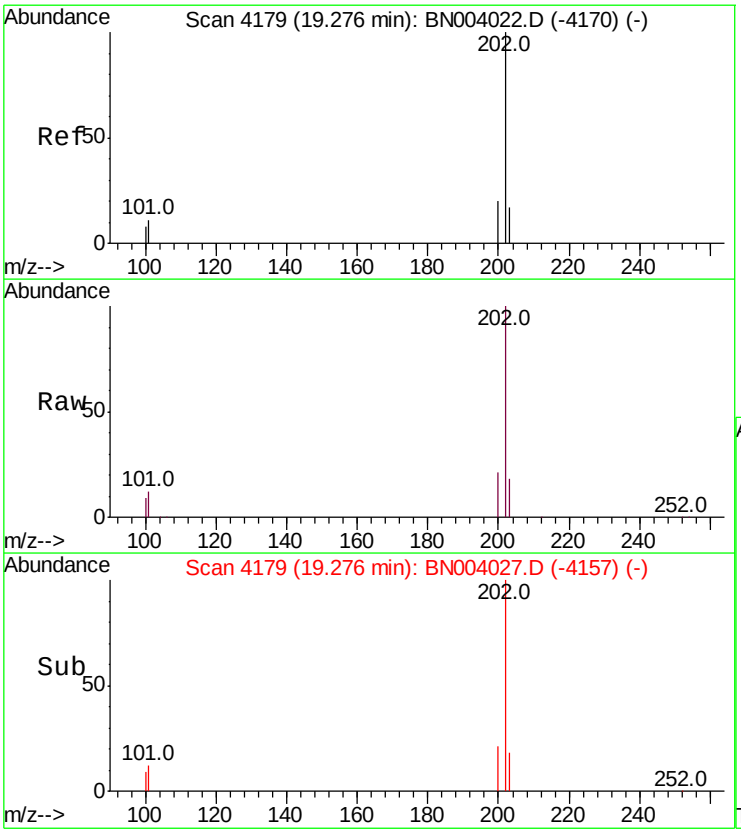
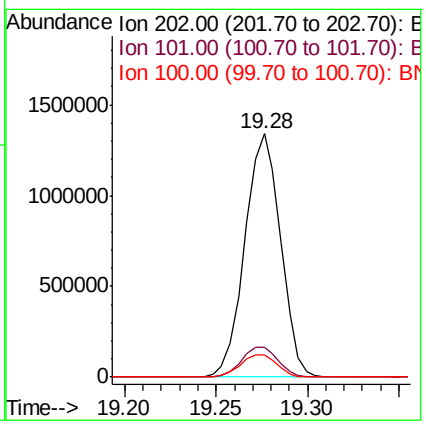
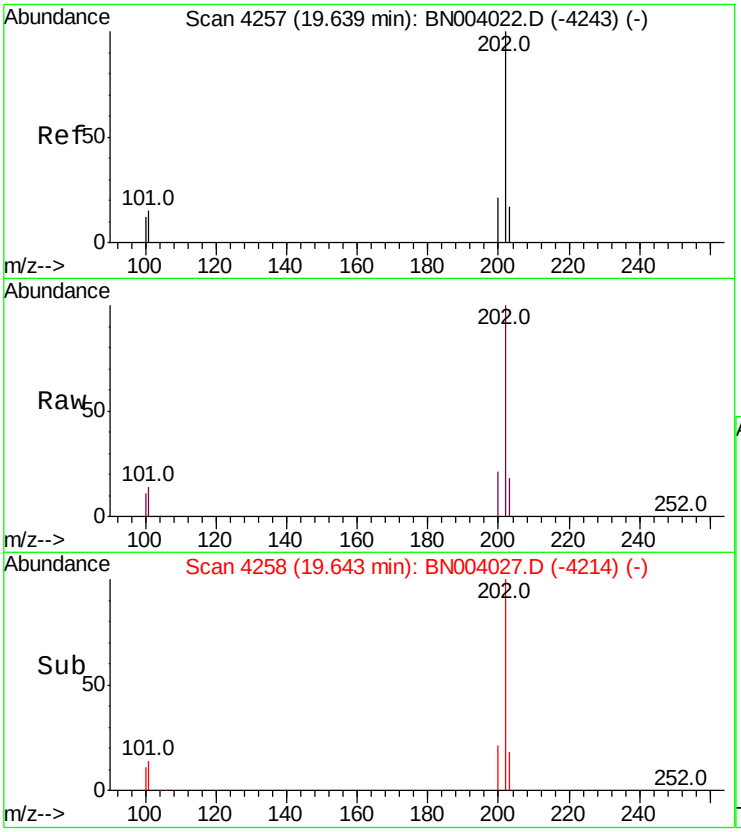


#15
Fluoranthene
Concen: 31.907 ng/ul m
RT: 19.28 min Scan# 4179
Delta R.T. 0.00 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:202 Resp: 1807762

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.7
100	9.0	0.0	28.1

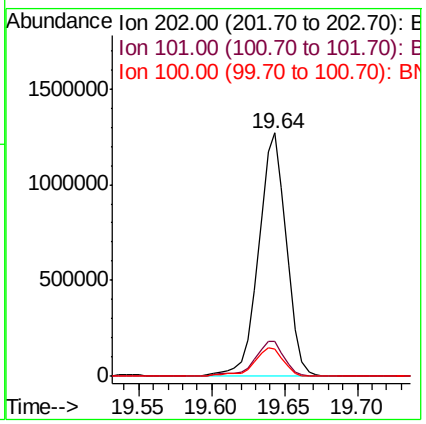




#17
Pyrene
Concen: 28.759 ng/ul
RT: 19.64 min Scan# 4258
Delta R.T. 0.00 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:202 Resp: 1674081

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.3	15.5
100	11.2	8.5	12.7



Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations APPROVED
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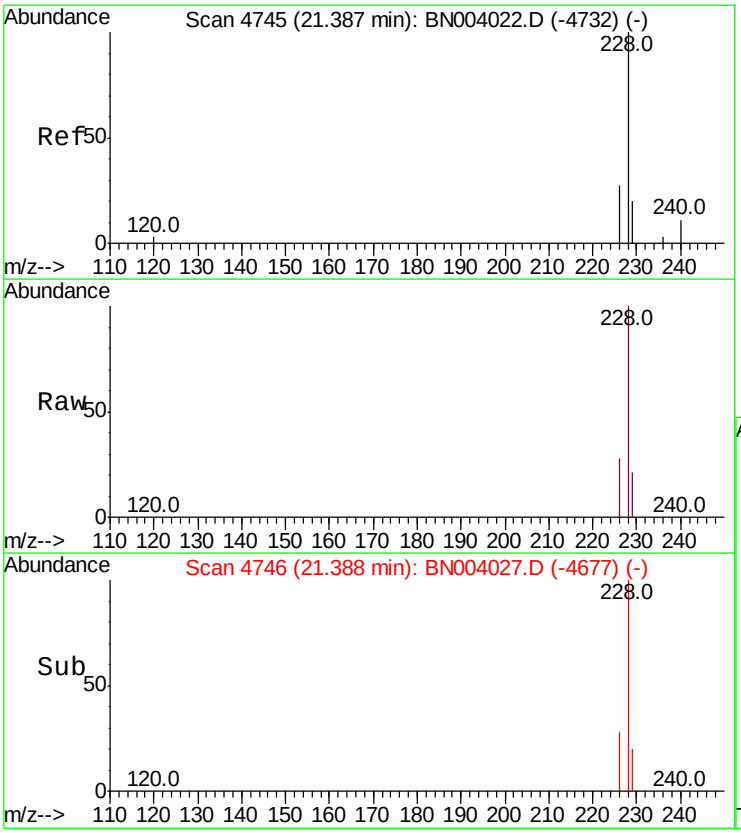
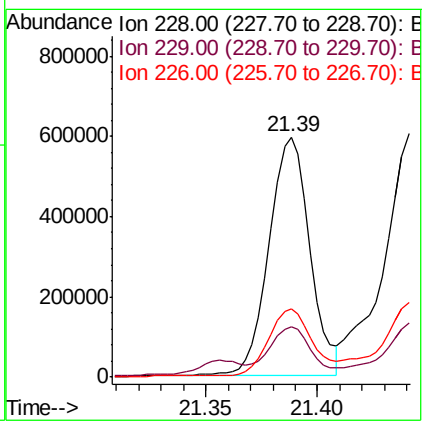
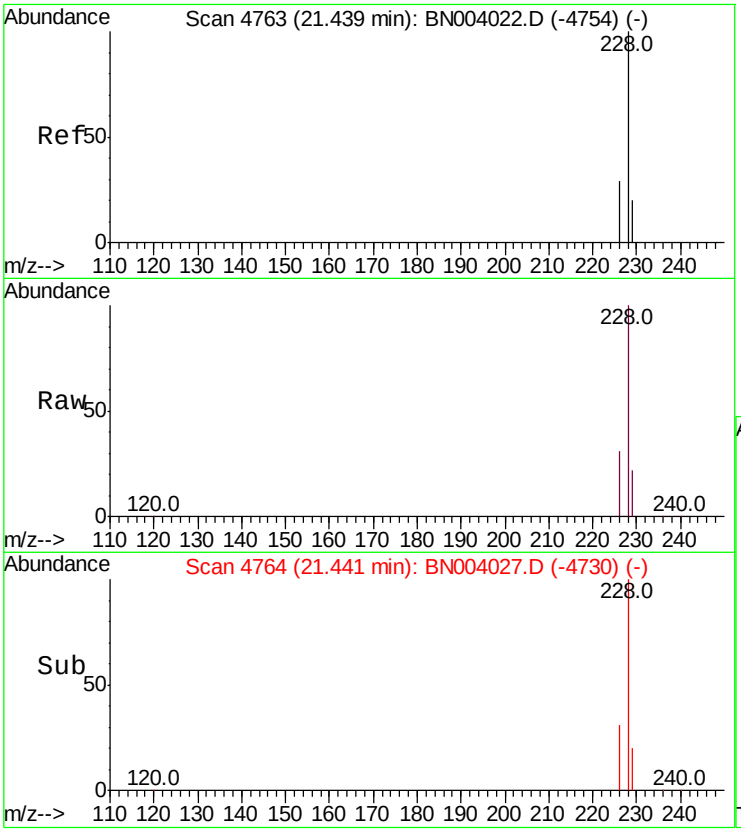


#18
Benzo(a)anthracene
Concen: 14.630 ng/ul m
RT: 21.39 min Scan# 4746
Delta R.T. 0.00 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:228 Resp: 749963

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	28.3	21.1	31.7

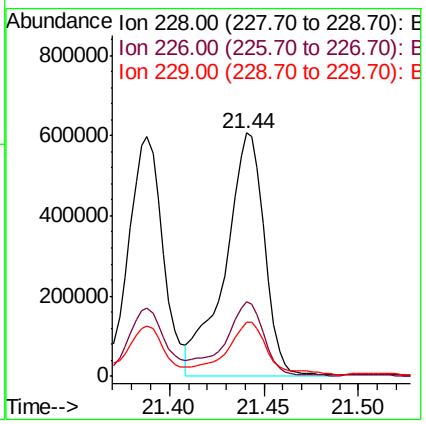




#19
Chrysene
Concen: 14.857 ng/ul m
RT: 21.44 min Scan# 4764
Delta R.T. 0.00 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:228 Resp: 871560

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	22.2	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations APPROVED
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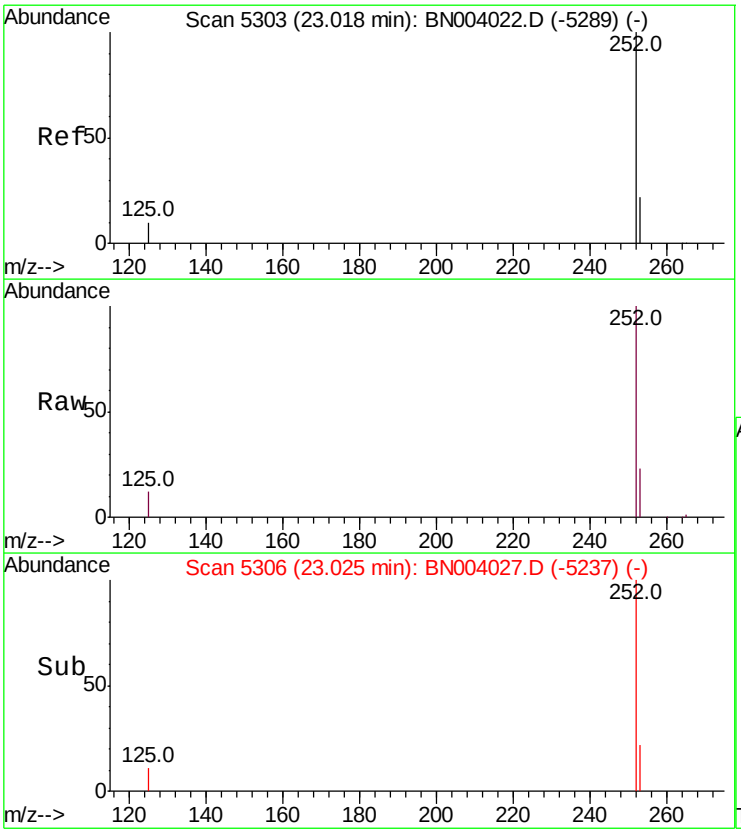
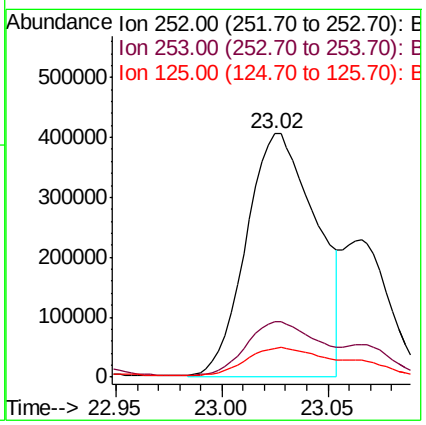
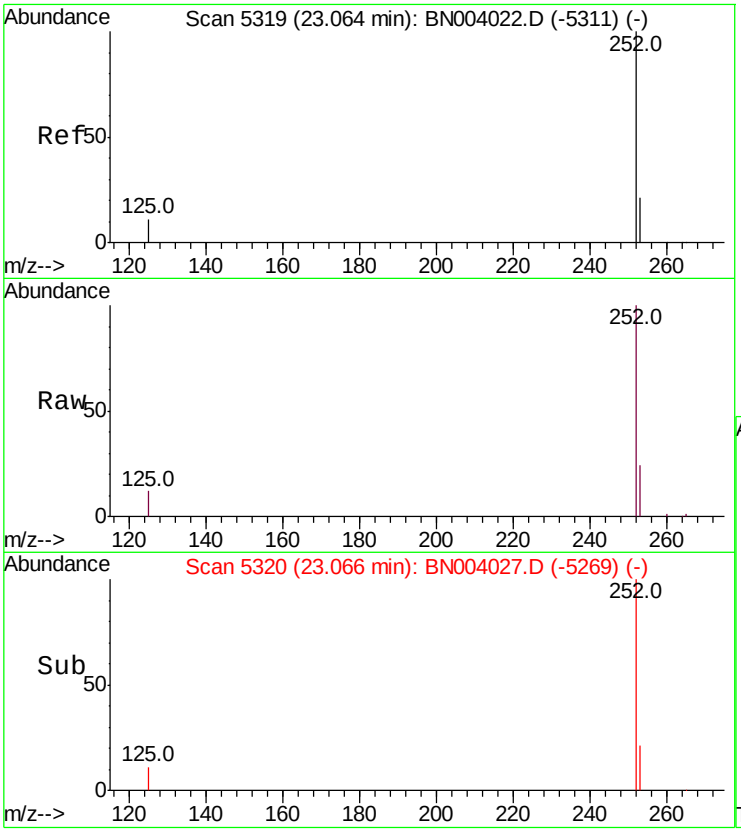


#21
Benzo(b)fluoranthene
Concen: 15.053 ng/ul m
RT: 23.02 min Scan# 5306
Delta R.T. 0.00 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:252 Resp: 939387

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	46.0
125	11.9	0.0	22.4

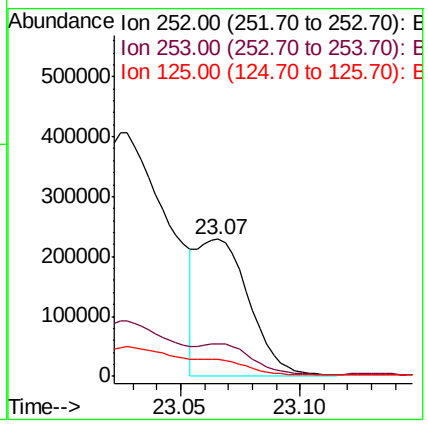




#22
Benzo(k)fluoranthene
Concen: 5.744 ng/ul m
RT: 23.07 min Scan# 5320
Delta R.T. 0.00 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:252 Resp: 349191

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	12.1	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations APPROVED
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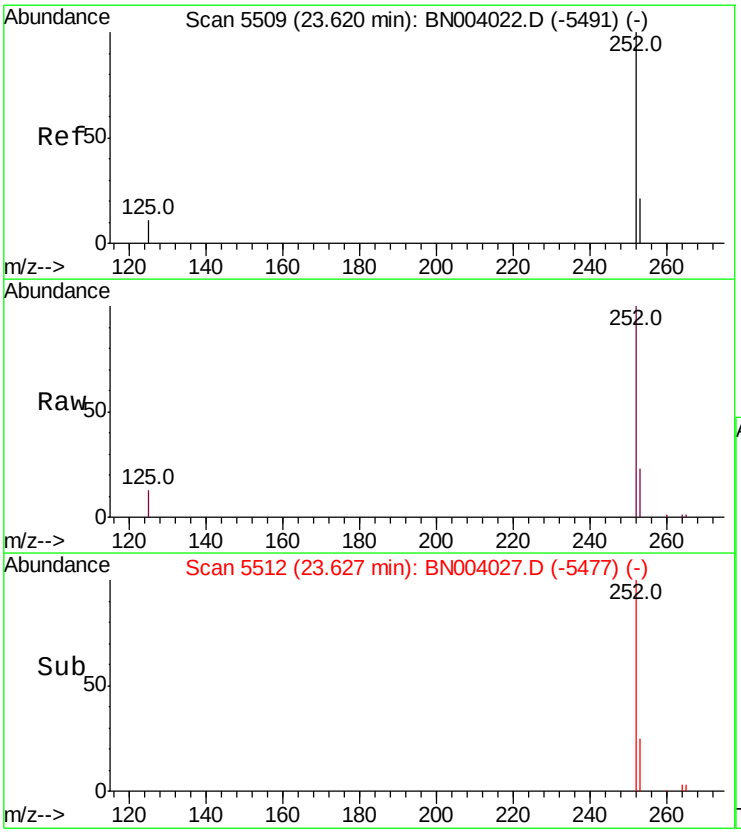
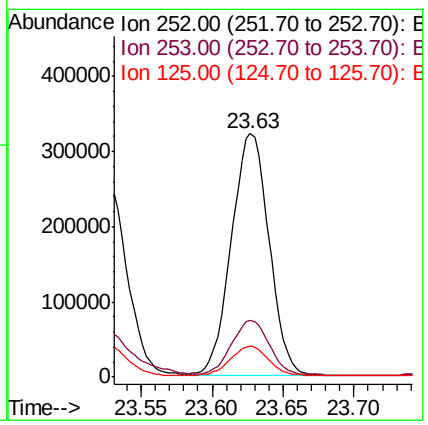
12/17/2018 4:28:58 PM

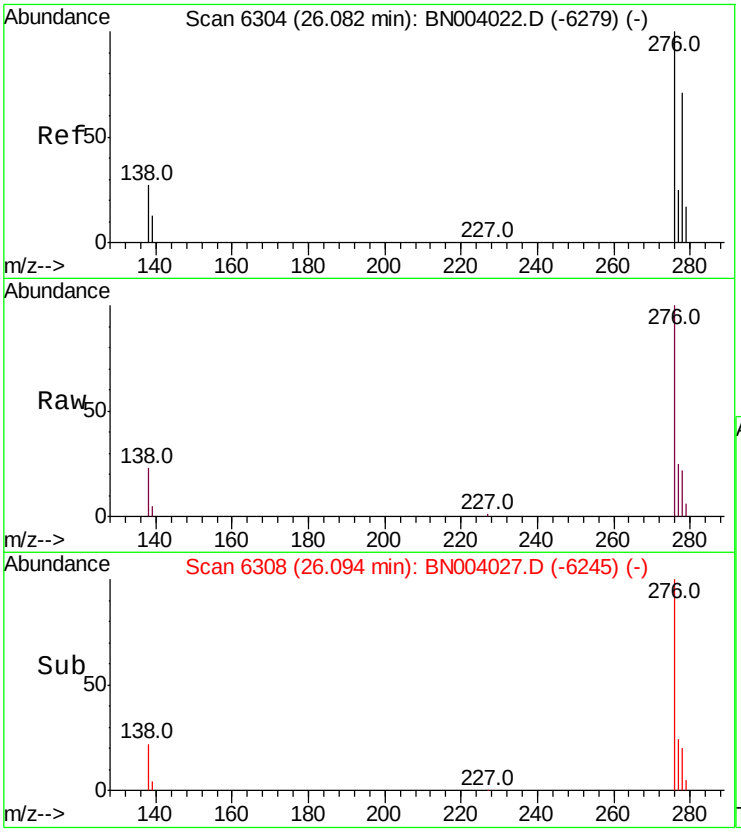


#23
Benzo(a)pyrene
Concen: 10.975 ng/ul m
RT: 23.63 min Scan# 5512
Delta R.T. 0.00 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:252 Resp: 593073

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.4
125	12.6	10.2	15.4

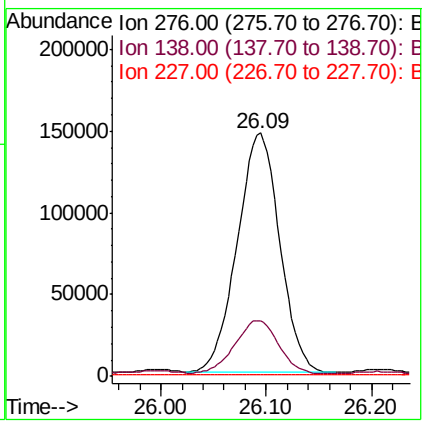




#24
Indeno(1,2,3-cd)pyrene
Concen: 6.634 ng/ul m
RT: 26.09 min Scan# 6308
Delta R.T. 0.01 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:276 Resp: 411119

Ion	Ratio	Lower	Upper
276	100		
138	21.8	20.3	30.5
227	0.2	0.2	0.2



Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations APPROVED
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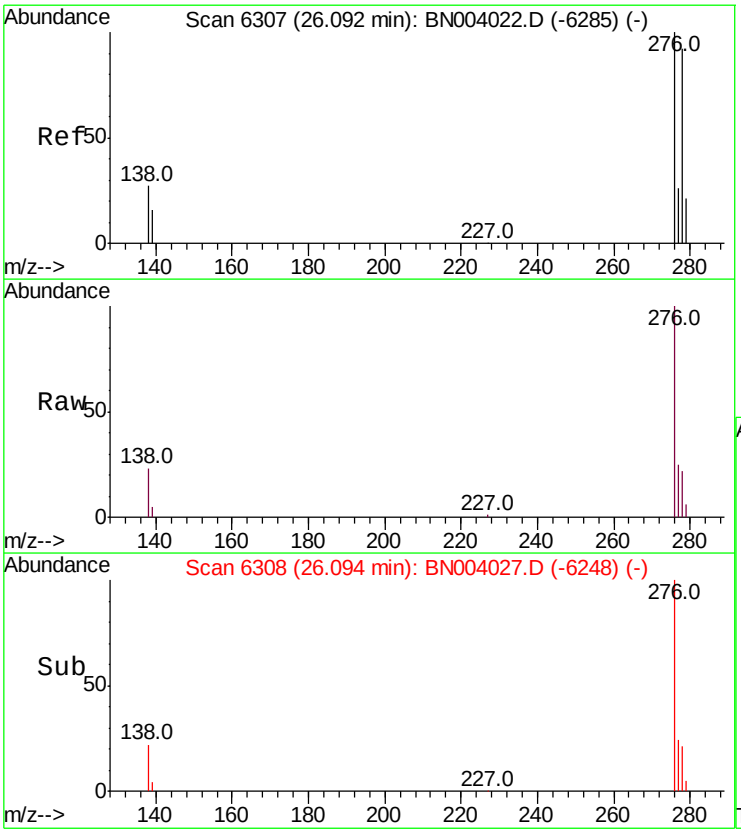
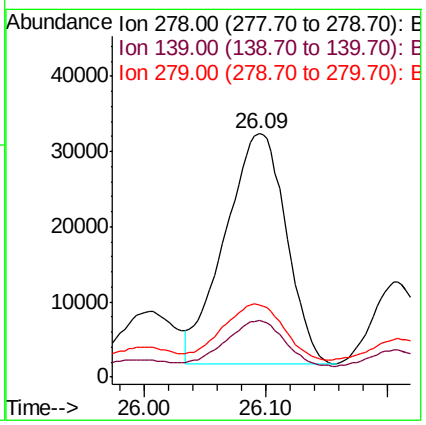
12/17/2018 4:28:58 PM

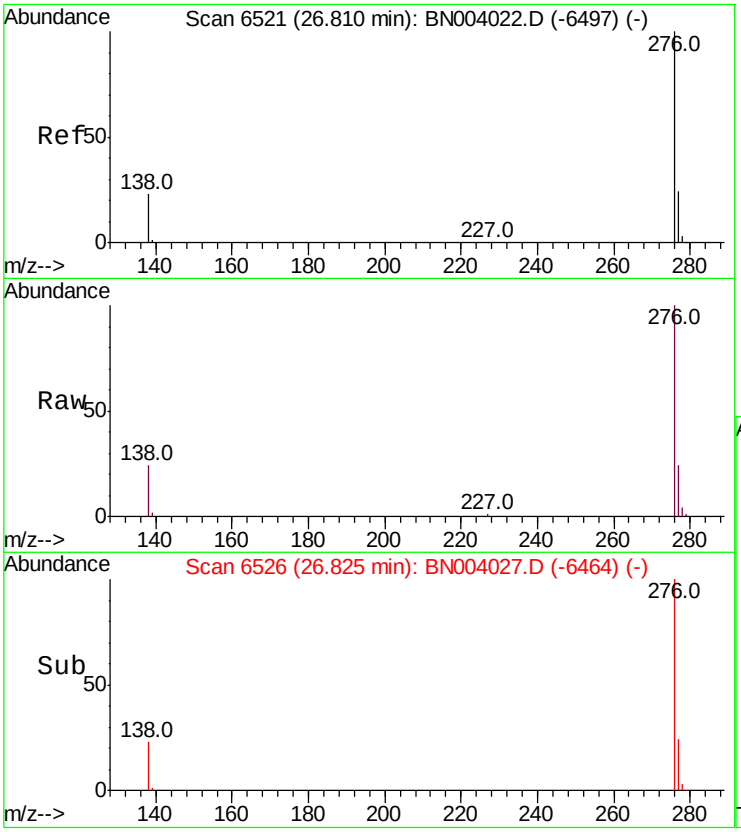


#25
Dibenzo(a,h)anthracene
Concen: 2.160 ng/ul m
RT: 26.09 min Scan# 6308
Delta R.T. 0.00 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:278 Resp: 107722

Ion	Ratio	Lower	Upper
278	100		
139	23.5	14.2	21.4#
279	29.6	19.8	29.6

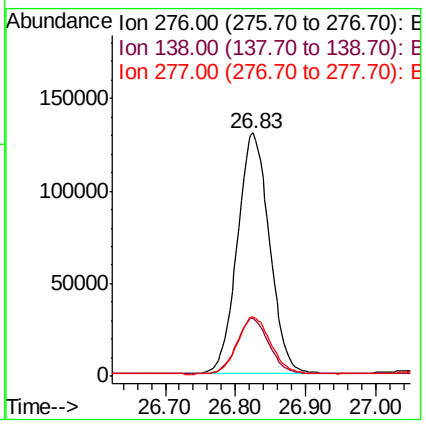




#26
Benzo(g,h,i)perylene
Concen: 7.663 ng/ul m
RT: 26.83 min Scan# 6526
Delta R.T. 0.01 min
Lab File: BN004027.D
Acq: 17 Dec 2018 10:07

Tgt Ion:276 Resp: 412731

Ion	Ratio	Lower	Upper
276	100		
138	23.7	17.7	26.5
277	24.5	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
F9F04

Manual Integrations APPROVED
Sohil
12/17/2018 4:28:58 PM