Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN004026.D
Acq On : 17 Dec 2018 09:32
Operator : JU/SJ
Sample : J6229-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 17 13:58:26 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 : F9F03

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1789	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9277	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5705	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14793m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	16564m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	14680m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2868	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	9527m	0.22	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.29	142	456	0.025	ng/ul	99
7) Acenaphthylene	14.19	152	10323	0.402	ng/ul	99
8) Acenaphthene	14.53	153	522	0.023	ng/ul#	93
9) Fluorene	15.52	166	1309	0.050	ng/ul#	91
12) Phenanthrene	17.26	178	48763m	1.004	ng/ul	
13) Anthracene	17.35	178	12765m	0.320	ng/ul	
15) Fluoranthene	19.27	202	189093m	3.298	ng/ul	
17) Pyrene	19.64	202	180242	3.034	ng/ul	97
18) Benzo(a)anthracene	21.38	228	108735m	2.078	ng/ul	
19) Chrysene	21.44	228	122287m	2.043	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	138138m	2.275	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	48796m	0.825	ng/ul	
23) Benzo(a)pyrene	23.62	252	76502m	1.455	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	53258m	0.883	ng/ul	
25) Dibenzo(a,h)anthracene	26.08	278	16294m	0.336	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	47030m	0.897	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 : BN004026.D
Acq On : 17 Dec 2018 09:32
Operator : JU/SJ
Sample : J6229-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 17 13:58:26 2018
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QLast Update : Mon Dec 17 06:22:23 2018
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Instrument :
BNA_N
ClientSampleId :
F9F03

Manual Integrations APPROVED
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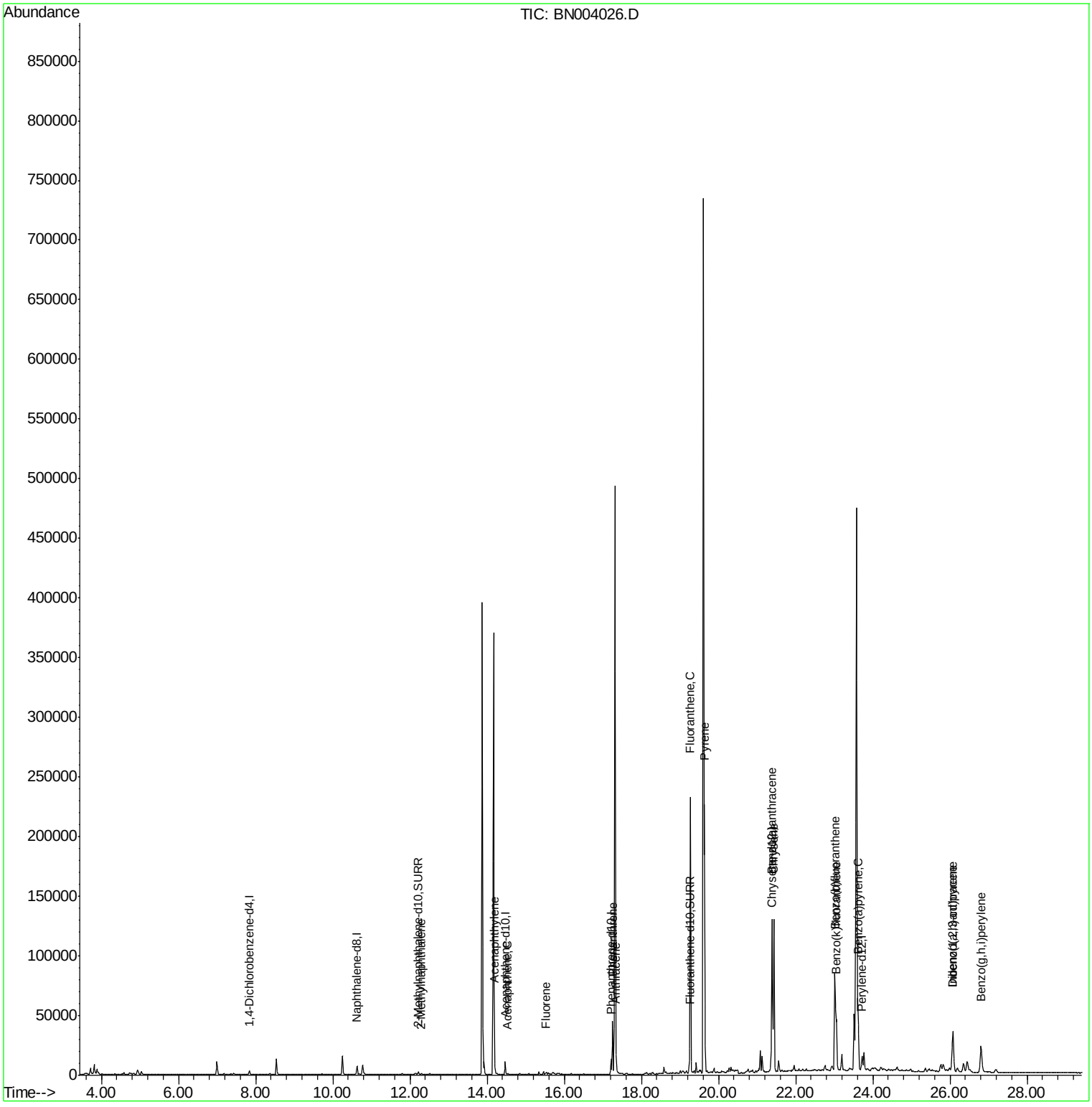

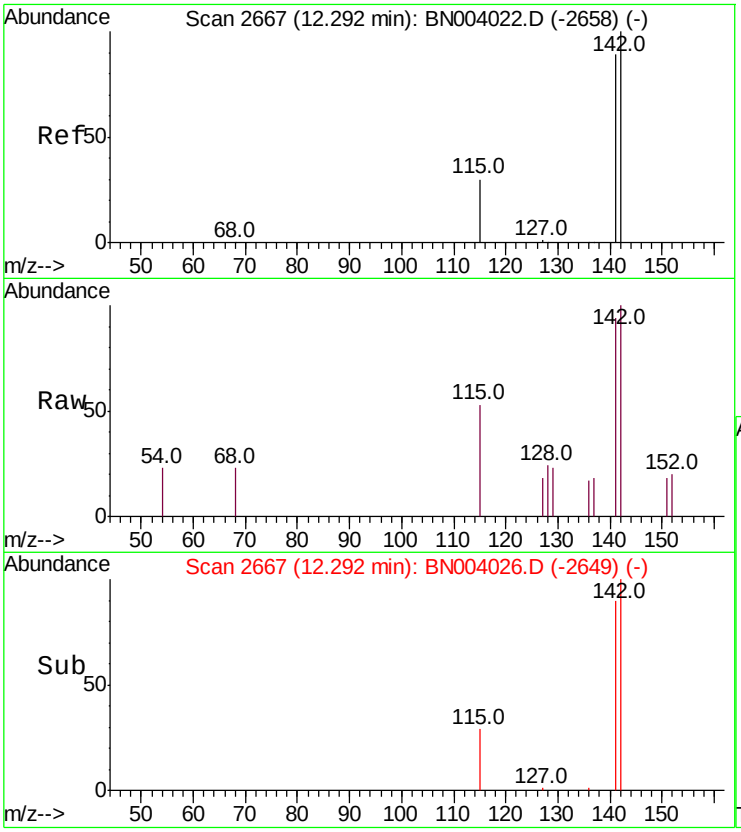

#5
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.29 min Scan# 2667
Delta R.T. -0.00 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:142 Resp: 456

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.5	107.3

Instrument :
BNA_N
ClientSampleId :
F9F03

Manual Integrations APPROVED
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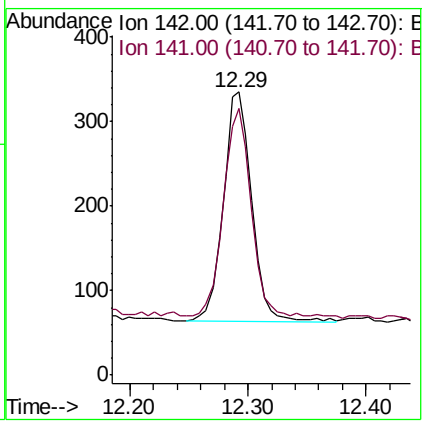
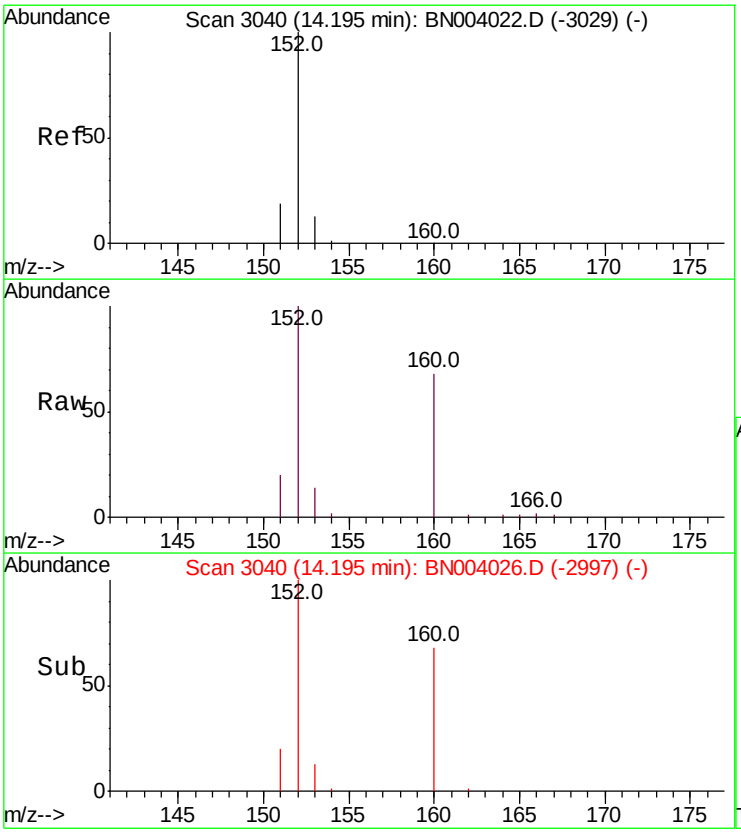
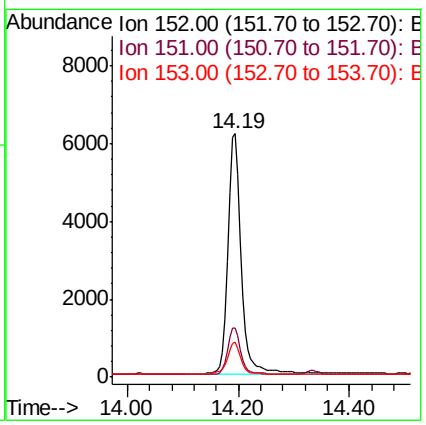


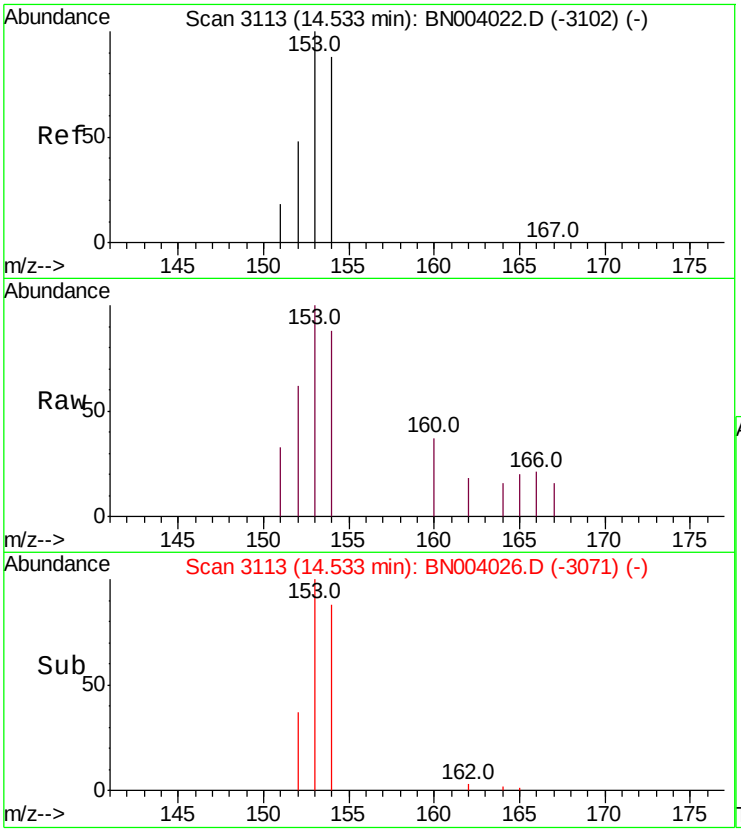


#7
Acenaphthylene
Concen: 0.402 ng/ul
RT: 14.19 min Scan# 3040
Delta R.T. -0.00 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:152 Resp: 10323

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	14.2	10.7	16.1





#8
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.53 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:153 Resp: 522

Ion	Ratio	Lower	Upper
153	100		
152	61.8	39.3	58.9#
154	88.0	70.3	105.5

Instrument :
BNA_N
ClientSampleId :
F9F03

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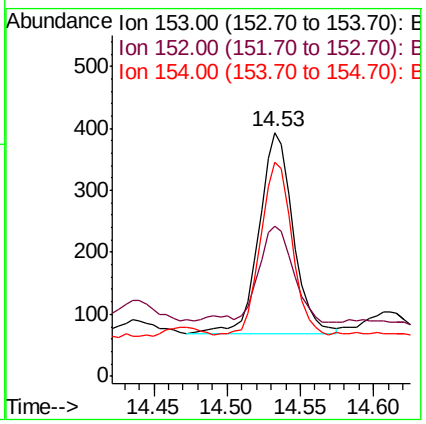
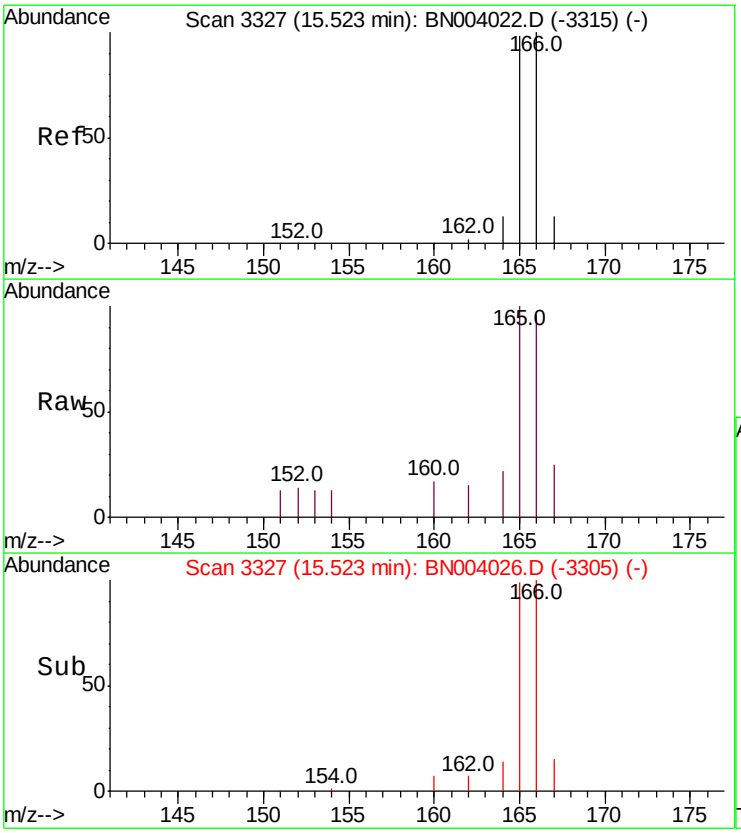
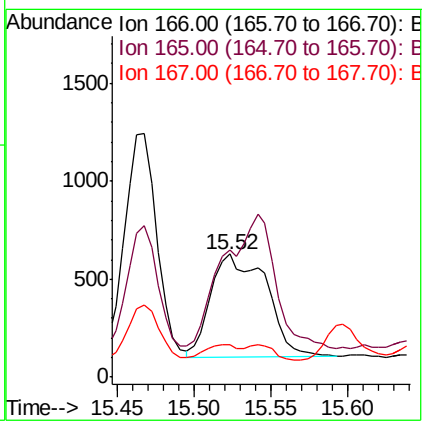


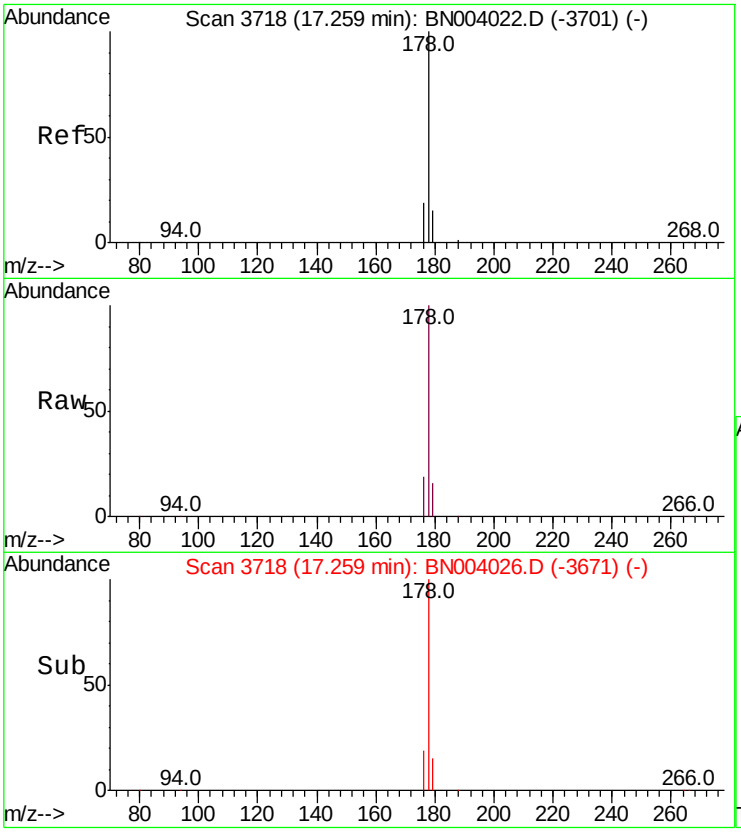


#9
Fluorene
Concen: 0.050 ng/ul
RT: 15.52 min Scan# 3327
Delta R.T. -0.00 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:166 Resp: 1309

Ion	Ratio	Lower	Upper
166	100		
165	103.7	78.3	117.5
167	26.2	11.3	16.9#

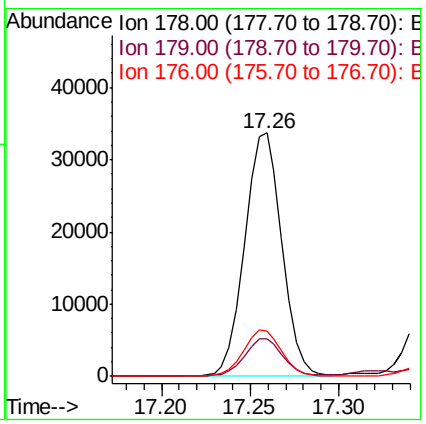




#12
Phenanthrene
Concen: 1.004 ng/ul m
RT: 17.26 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:178 Resp: 48763

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	18.8	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
F9F03

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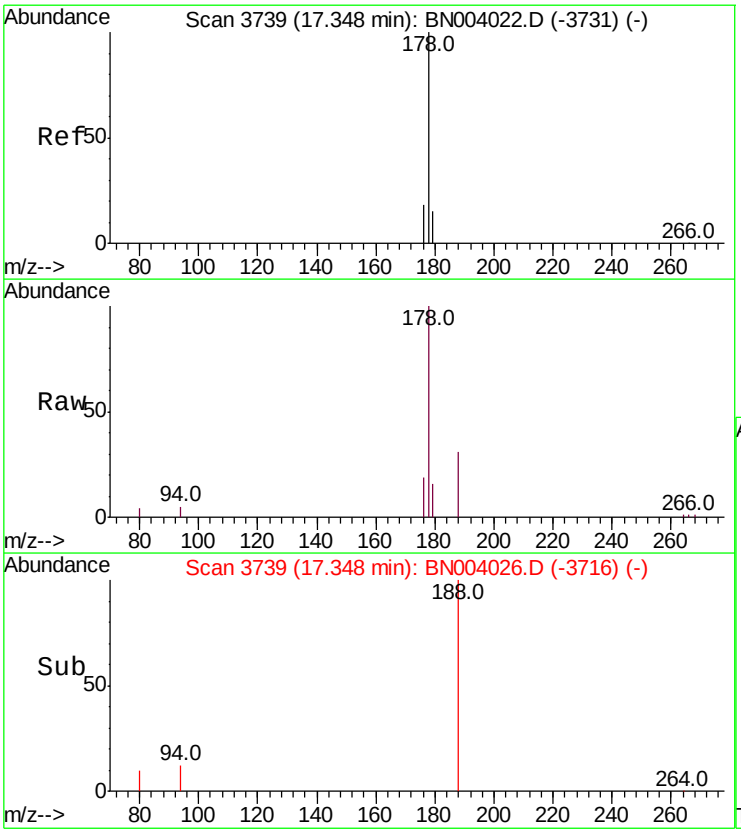
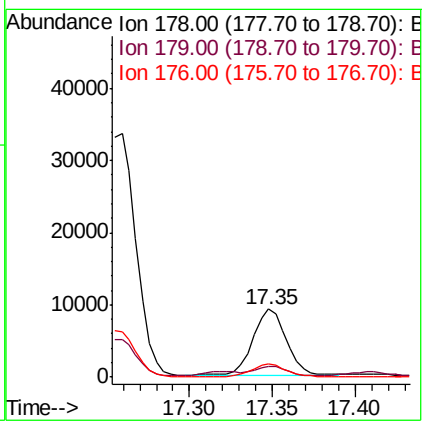
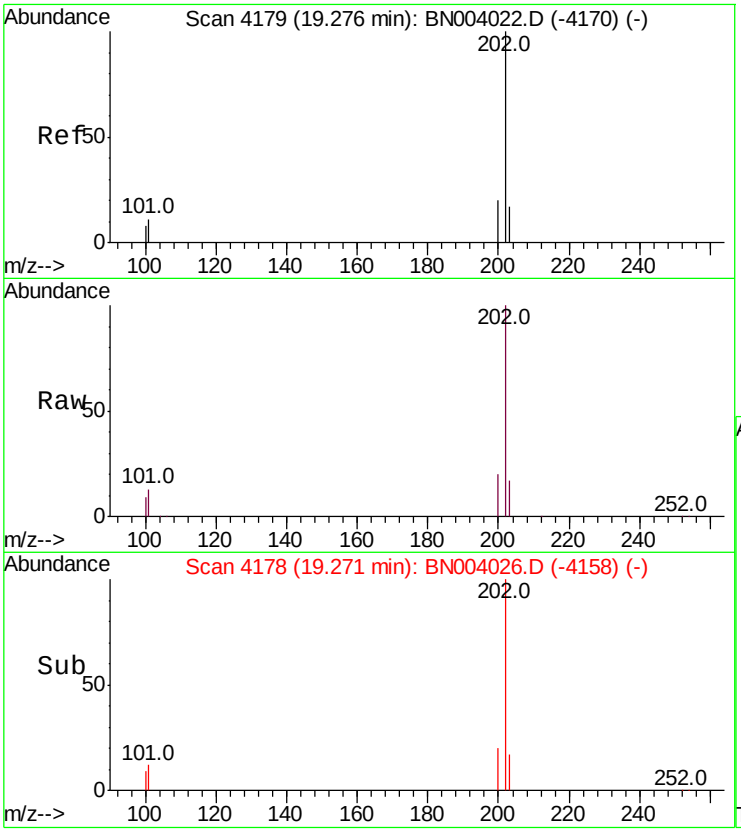


#13
Anthracene
Concen: 0.320 ng/ul m
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:178 Resp: 12765

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	18.9	14.8	22.2

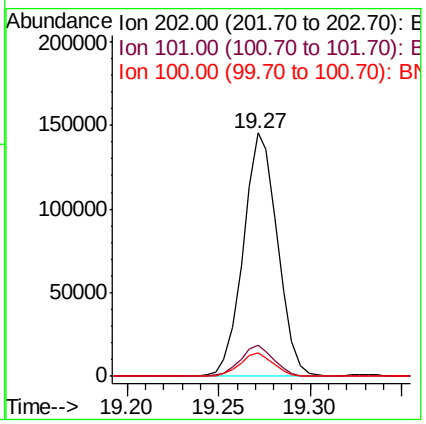




#15
Fluoranthene
Concen: 3.298 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:202 Resp: 189093

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.7
100	9.4	0.0	28.1



Instrument :
BNA_N
ClientSampleId :
F9F03

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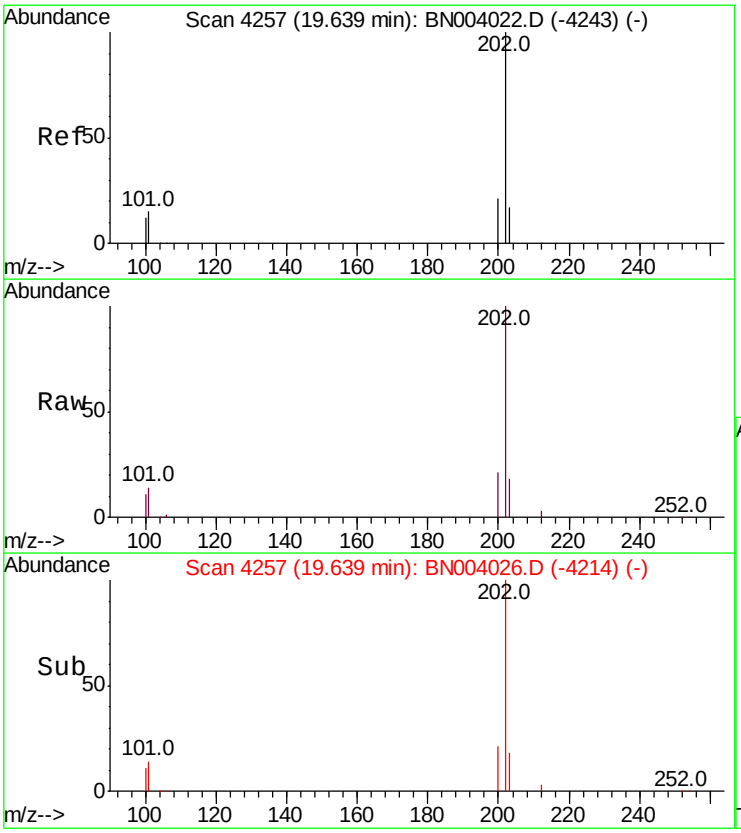
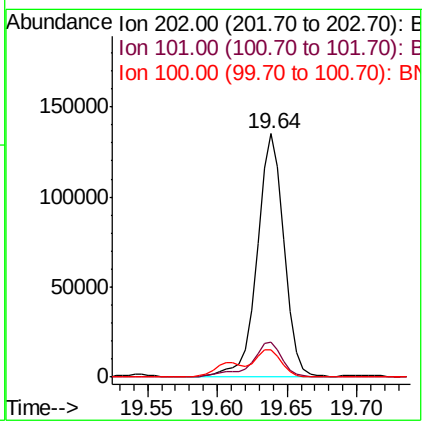
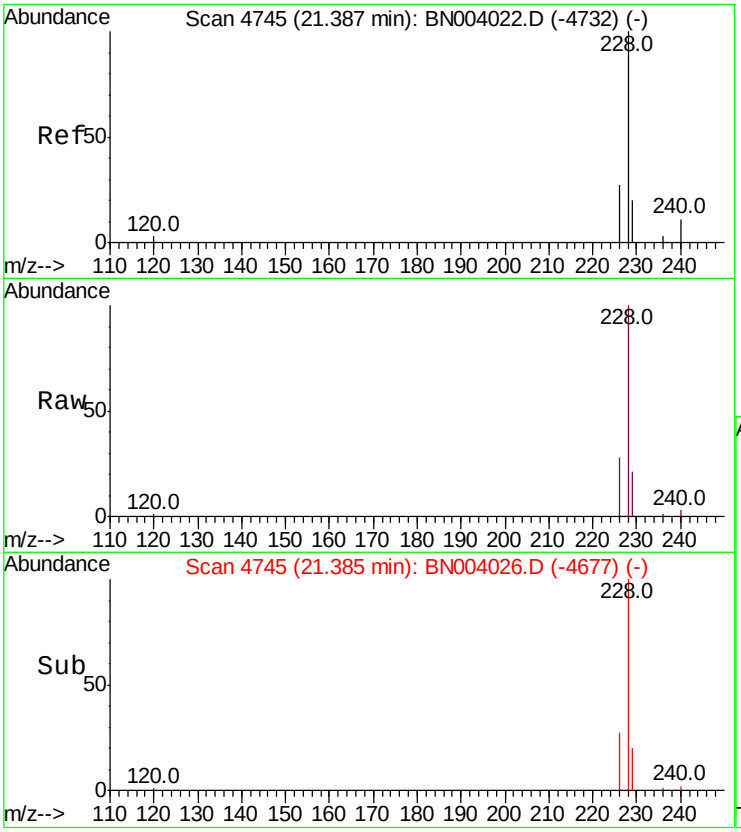


#17
Pyrene
Concen: 3.034 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:202 Resp: 180242

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.3	15.5
100	11.3	8.5	12.7

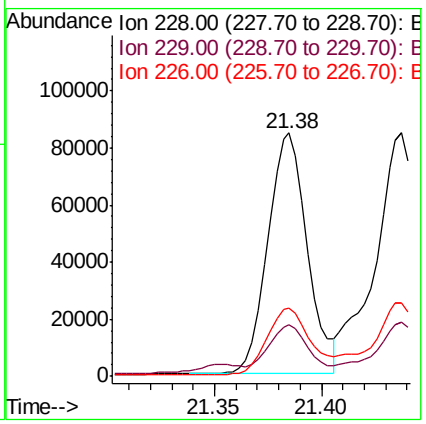




#18
Benzo(a)anthracene
Concen: 2.078 ng/ul m
RT: 21.38 min Scan# 4745
Delta R.T. -0.00 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:228 Resp: 108735

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.6	23.4
226	28.1	21.1	31.7



Instrument :
BNA_N
ClientSampleId :
F9F03

Manual Integrations APPROVED
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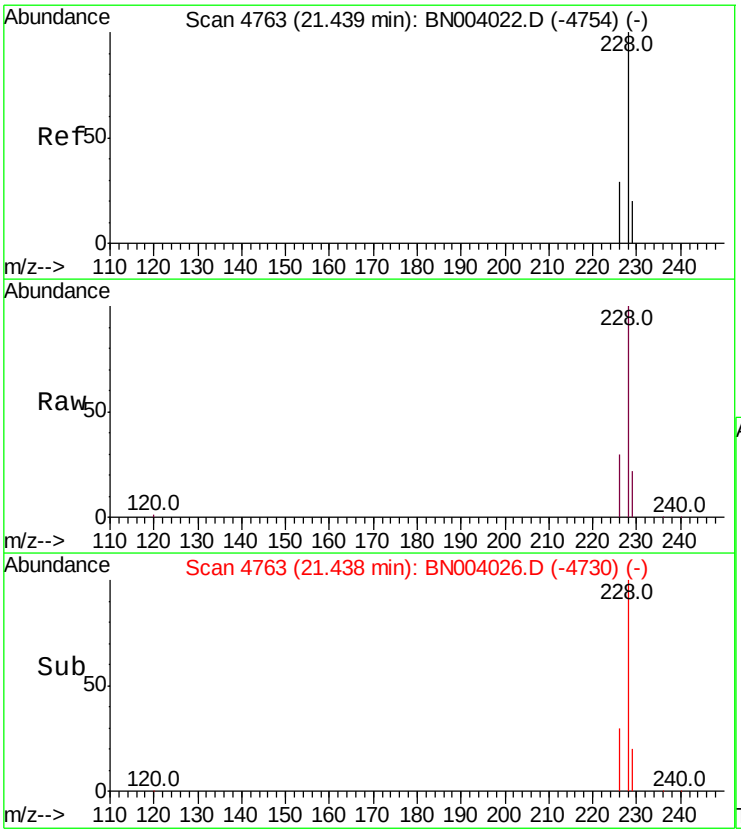
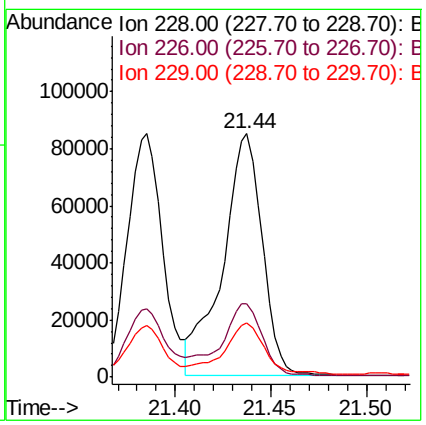
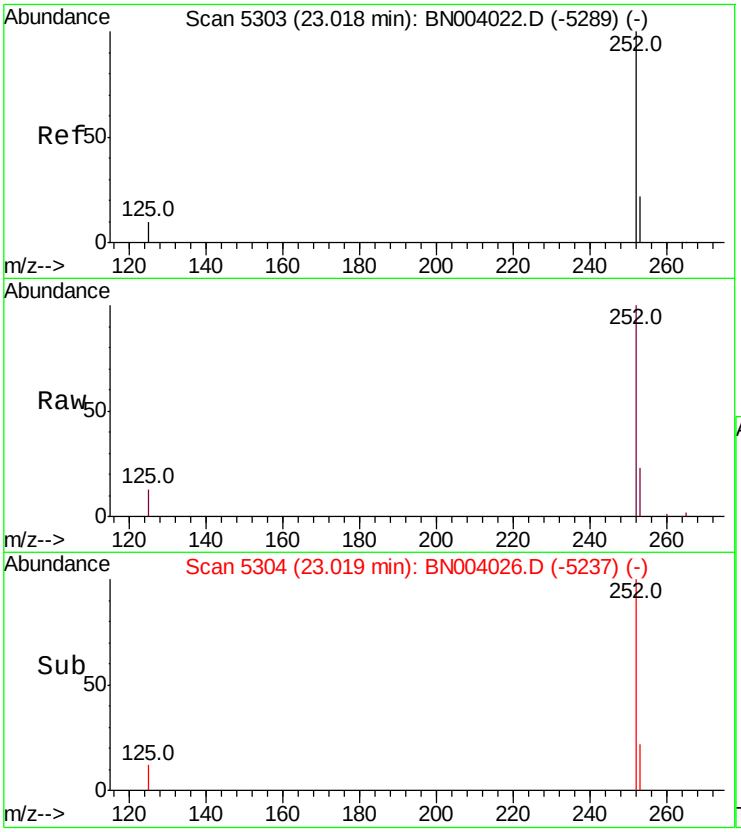


#19
Chrysene
Concen: 2.043 ng/ul m
RT: 21.44 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:228 Resp: 122287

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	22.1	15.7	23.5

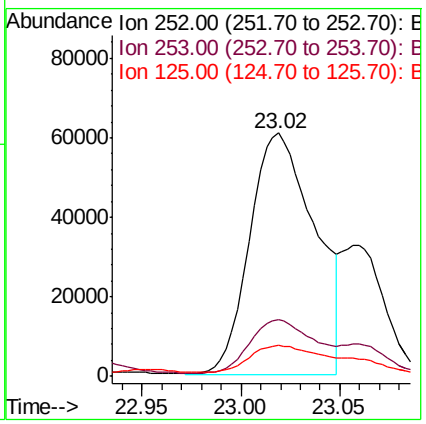




#21
Benzo(b)fluoranthene
Concen: 2.275 ng/ul m
RT: 23.02 min Scan# 5304
Delta R.T. -0.00 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:252 Resp: 138138

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	46.0
125	12.8	0.0	22.4



Instrument :
BNA_N
ClientSampleId :
F9F03

Manual Integrations APPROVED
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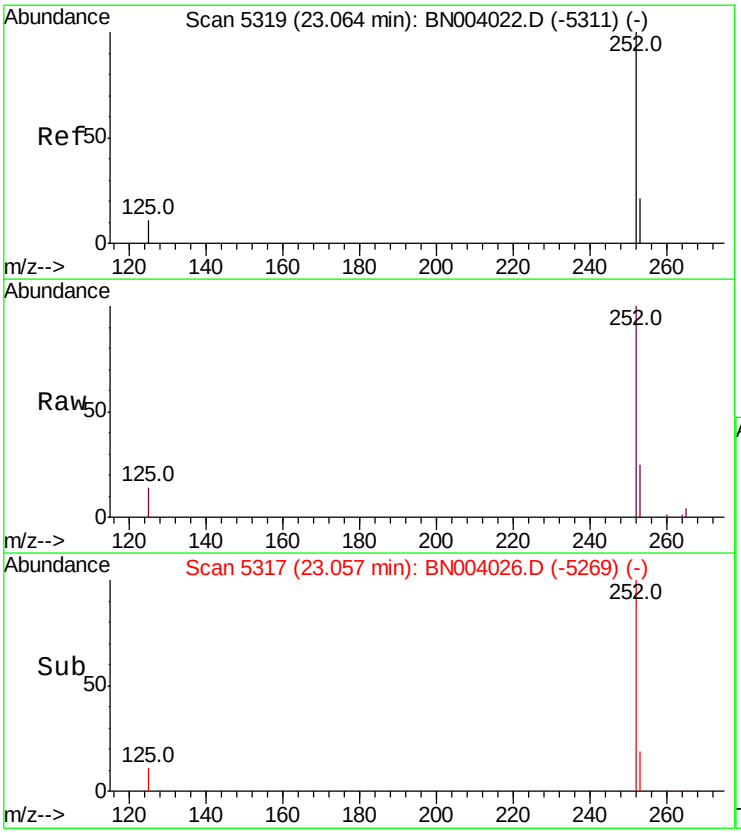
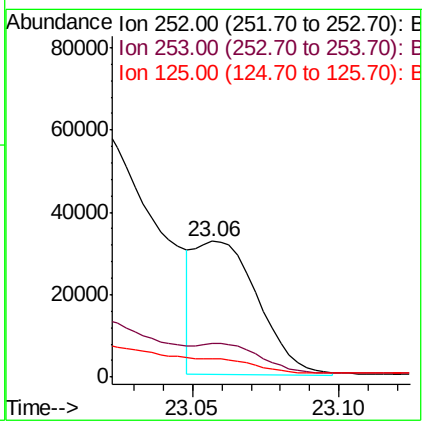
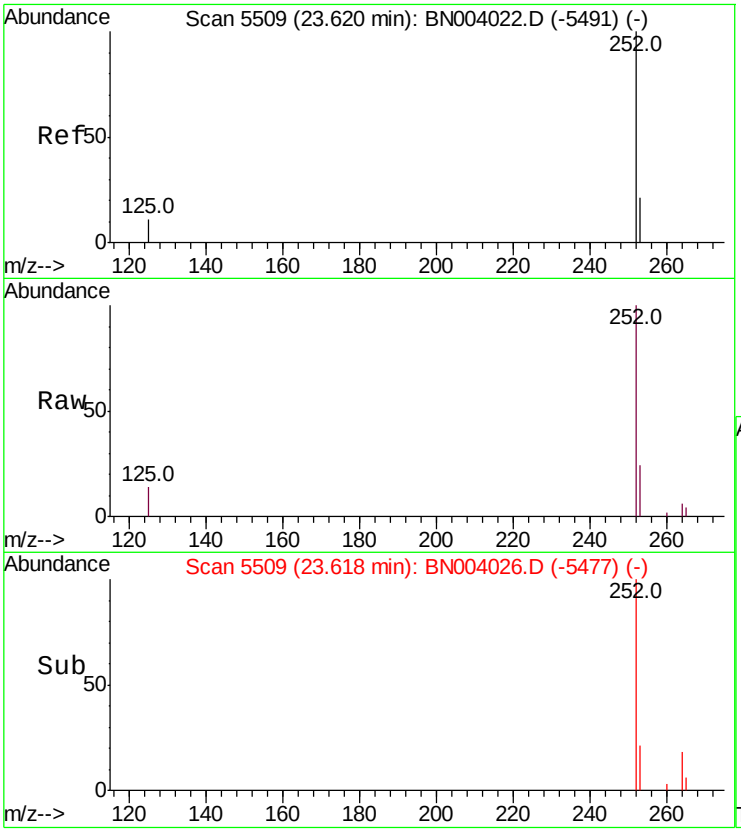


#22
Benzo(k)fluoranthene
Concen: 0.825 ng/ul m
RT: 23.06 min Scan# 5317
Delta R.T. -0.01 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:252 Resp: 48796

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.5	27.7
125	13.7	9.0	13.6#

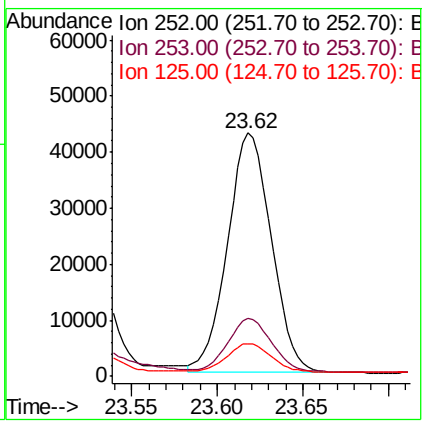




#23
Benzo(a)pyrene
Concen: 1.455 ng/ul m
RT: 23.62 min Scan# 5509
Delta R.T. -0.01 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:252 Resp: 76502

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.4
125	13.5	10.2	15.4



Instrument :
BNA_N
ClientSampleId :
F9F03

Manual Integrations APPROVED
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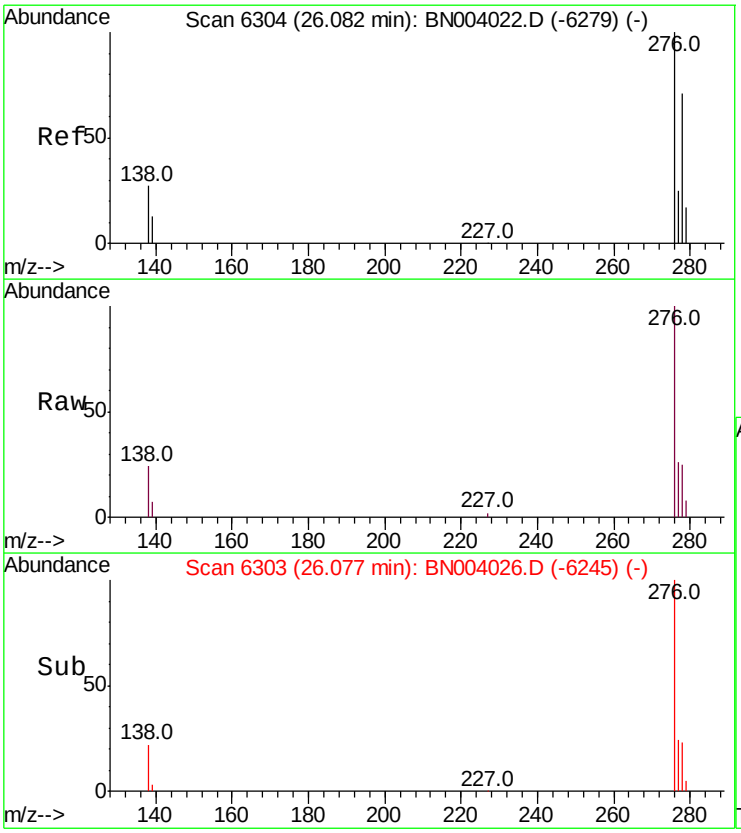
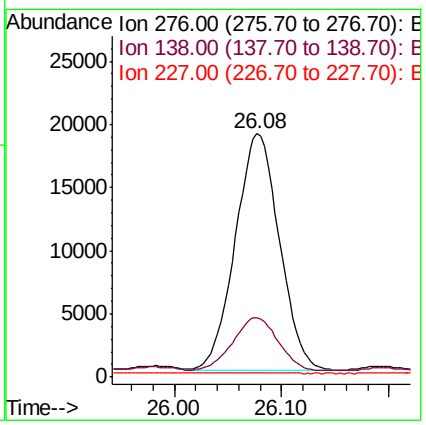
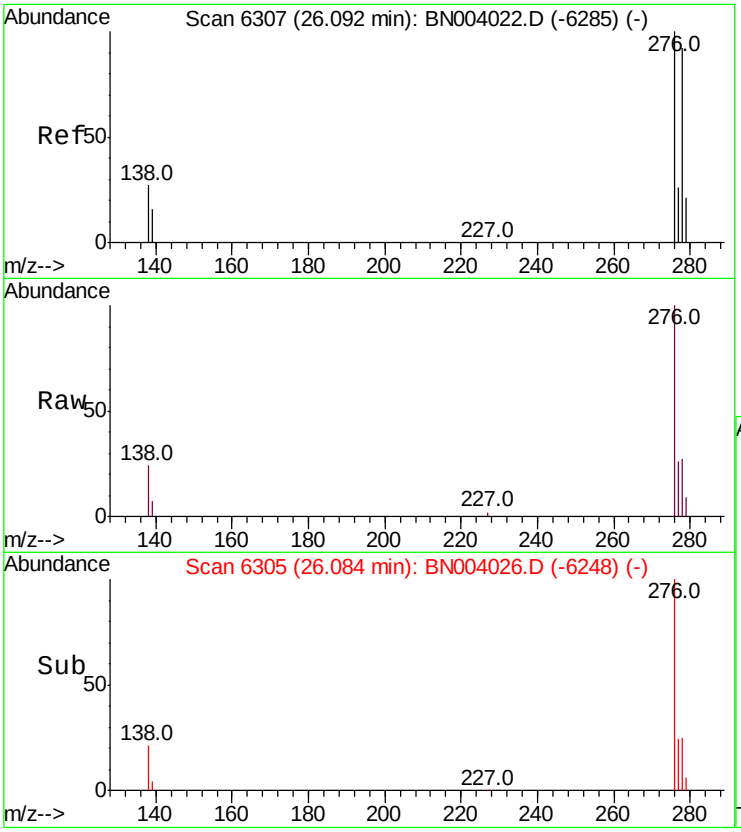


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.883 ng/ul m
RT: 26.08 min Scan# 6303
Delta R.T. -0.01 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:276 Resp: 53258

Ion	Ratio	Lower	Upper
276	100		
138	3.2	20.3	30.5#
227	0.0	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul m
RT: 26.08 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:278 Resp: 16294

Ion	Ratio	Lower	Upper
278	100		
139	25.4	14.2	21.4#
279	32.0	19.8	29.6#

Instrument :
BNA_N
ClientSampleId :
F9F03

Manual Integrations APPROVED
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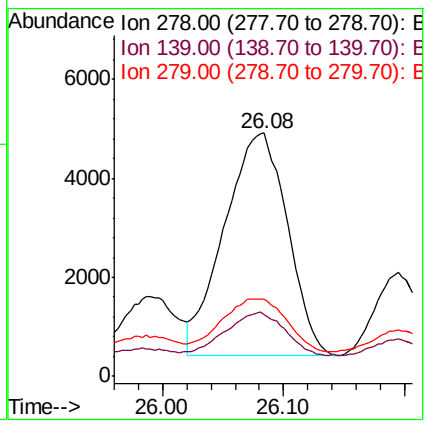

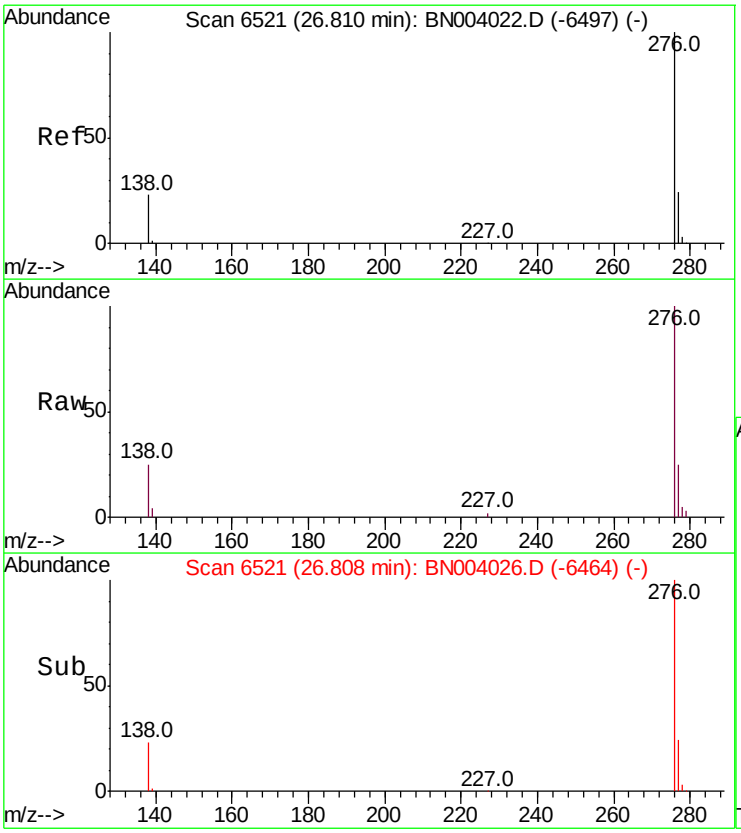

#26
Benzo(g,h,i)perylene
Concen: 0.897 ng/ul m
RT: 26.81 min Scan# 6521
Delta R.T. -0.01 min
Lab File: BN004026.D
Acq: 17 Dec 2018 09:32

Tgt Ion:276 Resp: 47030

Ion	Ratio	Lower	Upper
276	100		
138	24.9	17.7	26.5
277	25.4	19.3	28.9