Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012203.D
Acq On : 14 Oct 2020 20:19
Operator : CG/JU
Sample : L4166-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC4

Manual Integrations APPROVED
mohammad
10/15/2020 8:20:55 AM

Quant Time: Oct 15 01:07:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1383	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	5562	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3310	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	6893m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6078	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	6817	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1696	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	3966	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	445	0.028	ng/ul#	68
7) Acenaphthylene	13.98	152	748	0.052	ng/ul#	81
12) Phenanthrene	17.05	178	1539	0.070	ng/ul#	91
13) Anthracene	17.14	178	1532m	0.081	ng/ul	
15) Fluoranthene	19.08	202	6012	0.234	ng/ul	98
17) Pyrene	19.44	202	8093	0.295	ng/ul	100
18) Benzo(a)anthracene	21.19	228	5797	0.257	ng/ul	97
19) Chrysene	21.25	228	10849	0.396	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	13021m	0.473	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	5207m	0.171	ng/ul	
23) Benzo(a)pyrene	23.30	252	6990	0.261	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.58	276	4490	0.130	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	1236	0.045	ng/ul#	44
26) Benzo(g,h,i)perylene	26.25	276	3803	0.121	ng/ul#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
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Acq On : 14 Oct 2020 20:19
Operator : CG/JU
Sample : L4166-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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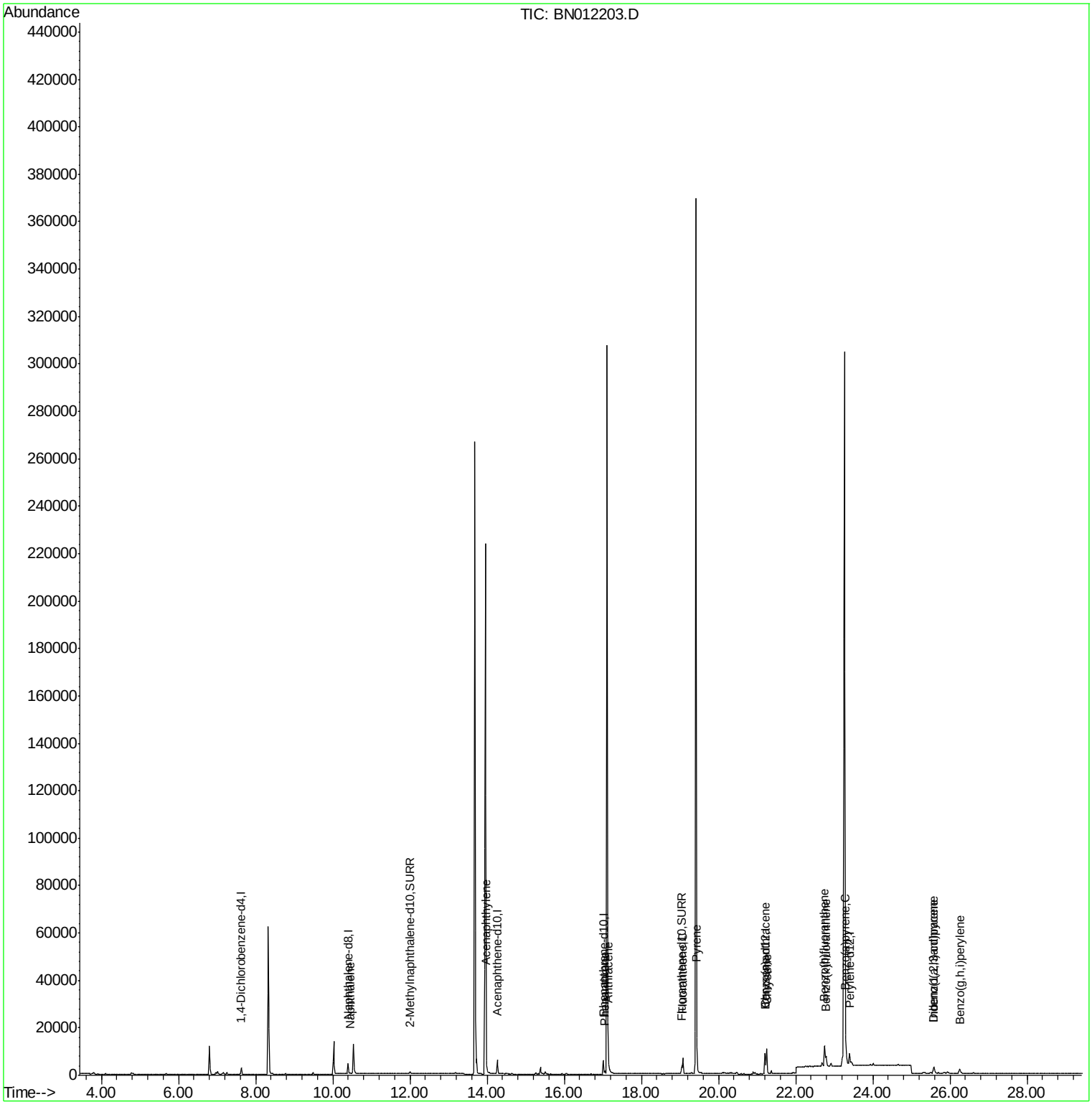

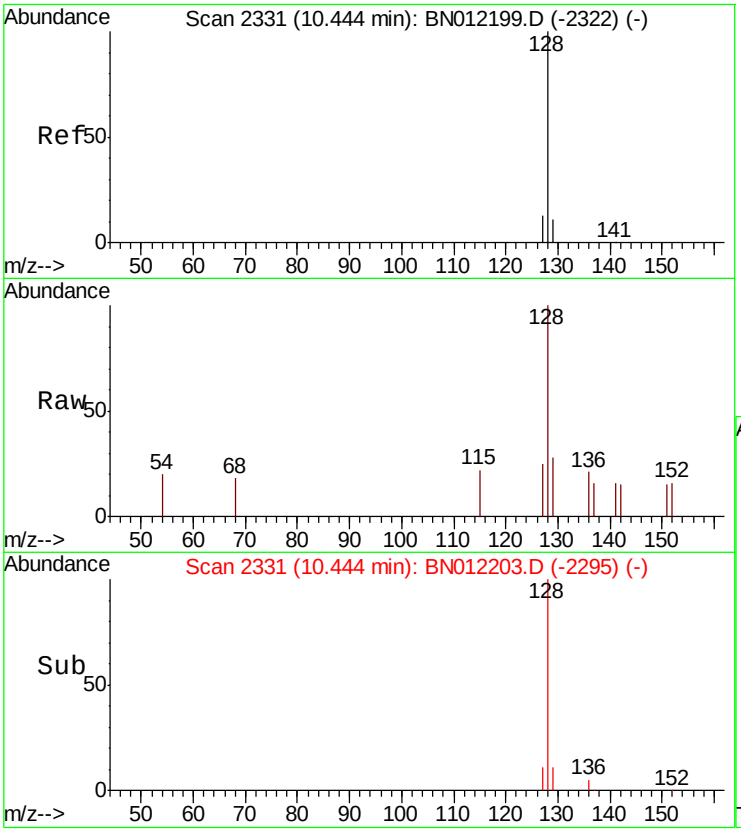

#3
Naphthalene
Concen: 0.028 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BN012203.D
Acq: 14 Oct 2020 20:19

Tgt Ion:128 Resp: 445

Ion	Ratio	Lower	Upper
128	100		
129	28.5	10.3	15.5#
127	25.4	11.9	17.9#

Instrument :
BNA_N
ClientSampleId :
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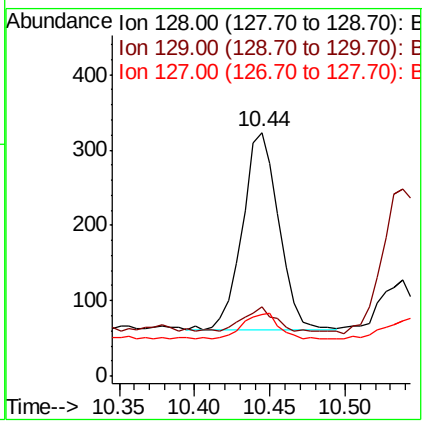
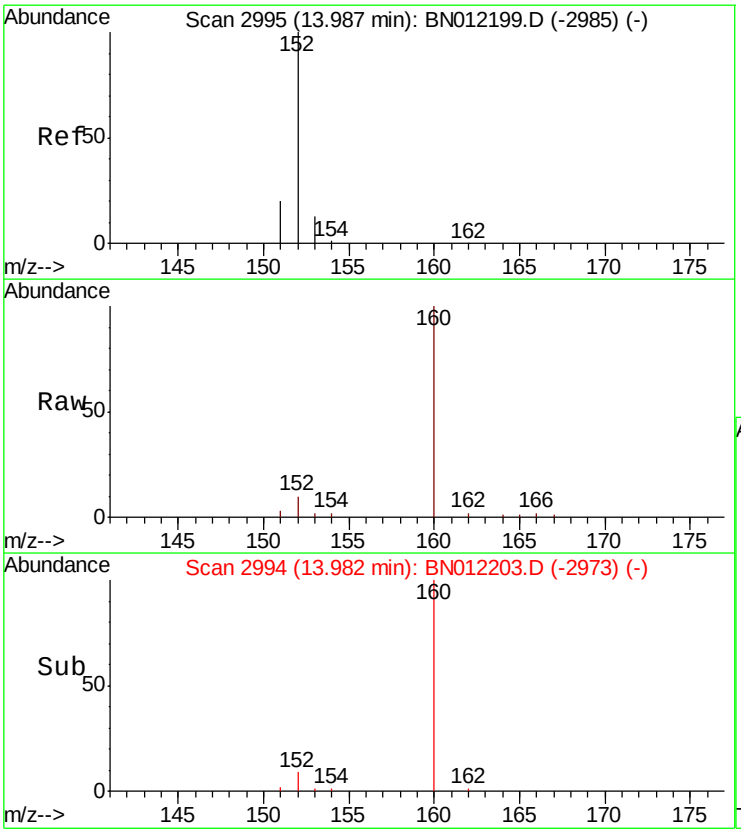
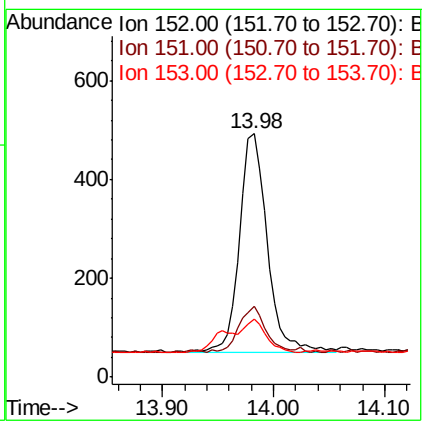


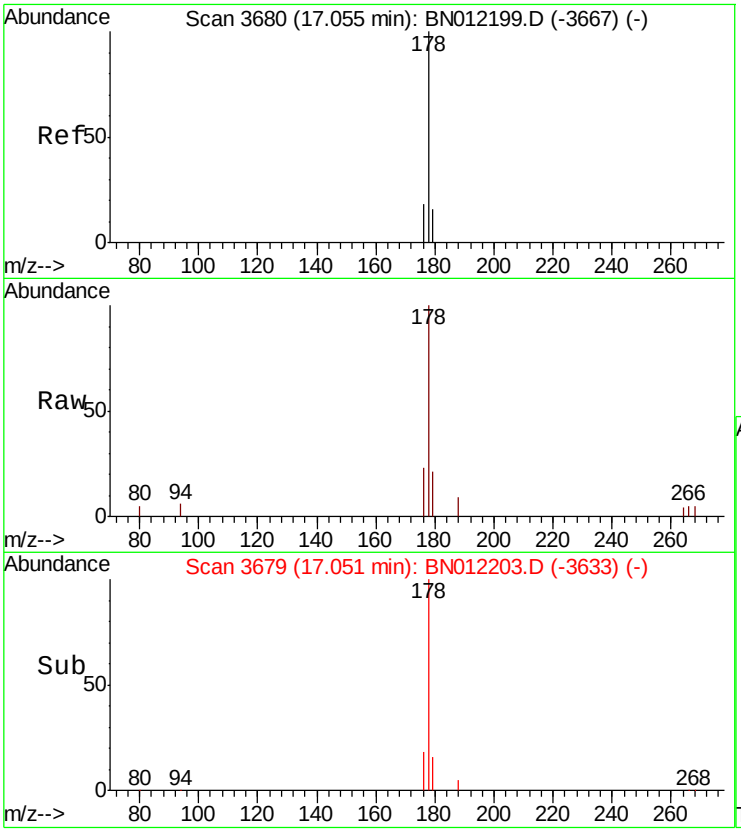


#7
Acenaphthylene
Concen: 0.052 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.00 min
Lab File: BN012203.D
Acq: 14 Oct 2020 20:19

Tgt Ion:152 Resp: 748

Ion	Ratio	Lower	Upper
152	100		
151	28.8	16.7	25.1#
153	23.9	11.8	17.8#

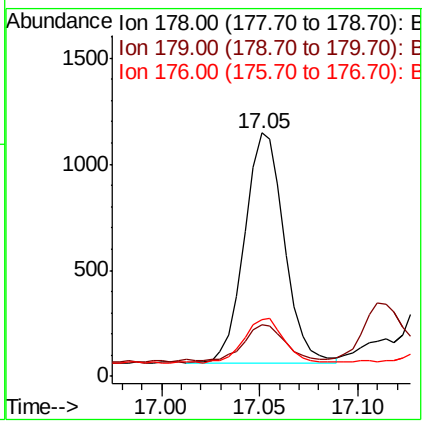




#12
Phenanthrene
Concen: 0.070 ng/ul
RT: 17.05 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN012203.D
Acq: 14 Oct 2020 20:19

Tgt Ion:178 Resp: 1539

Ion	Ratio	Lower	Upper
178	100		
179	21.3	13.4	20.2#
176	23.1	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
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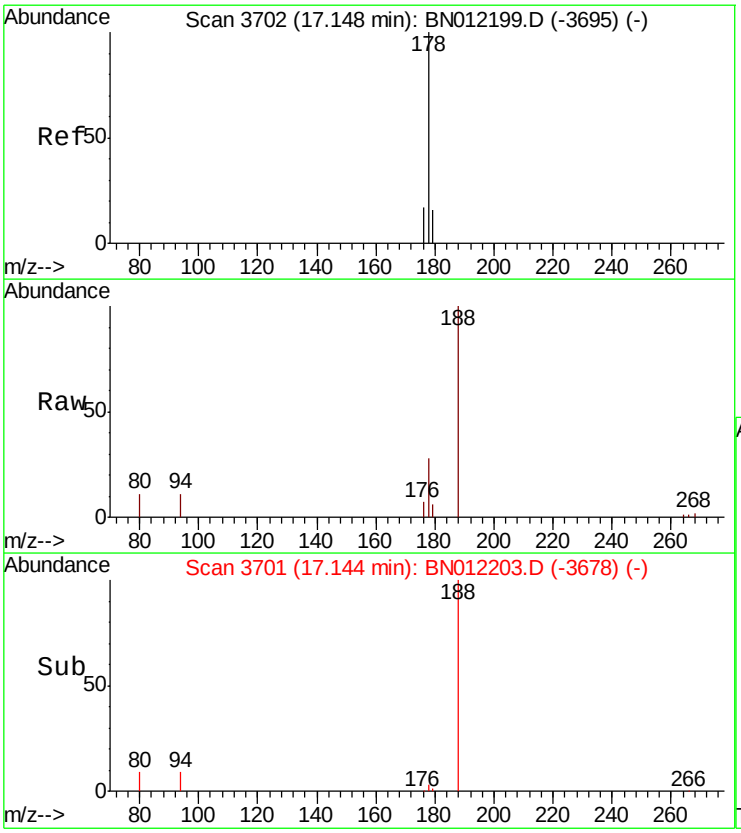
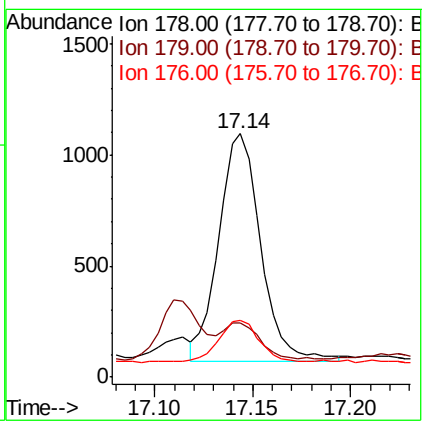
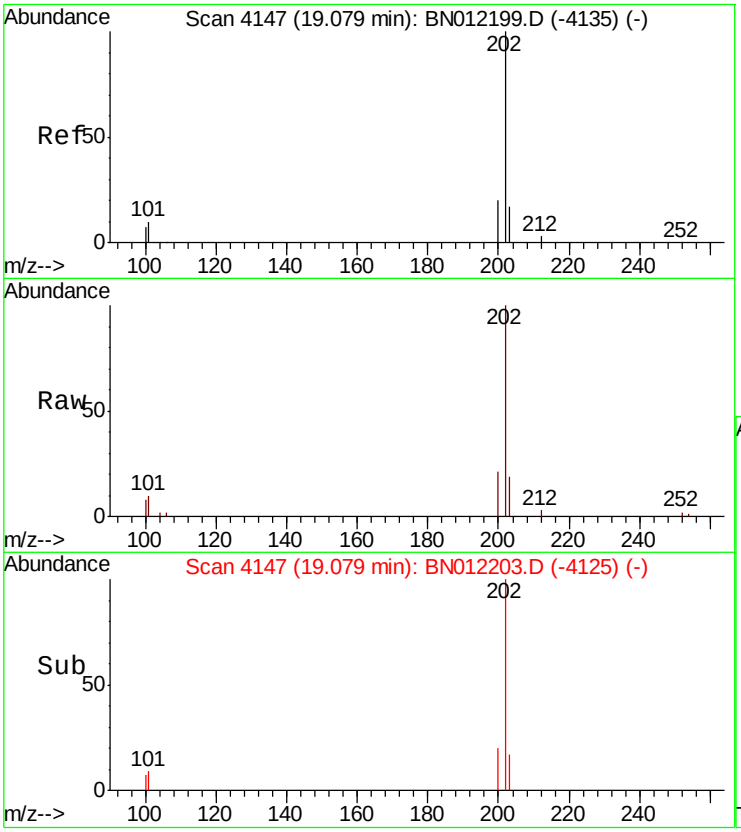


#13
Anthracene
Concen: 0.081 ng/ul m
RT: 17.14 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BN012203.D
Acq: 14 Oct 2020 20:19

Tgt Ion:178 Resp: 1532

Ion	Ratio	Lower	Upper
178	100		
179	22.4	13.9	20.9#
176	23.3	15.4	23.0#

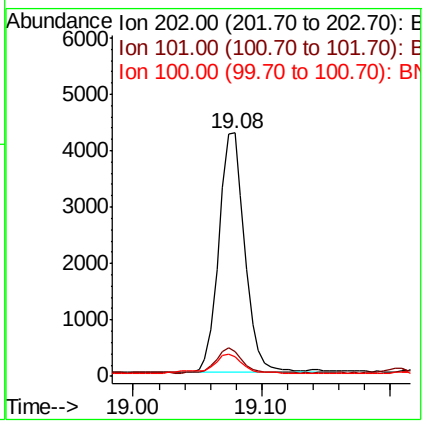




#15
Fluoranthene
Concen: 0.234 ng/ul
RT: 19.08 min Scan# 4147
Delta R.T. -0.00 min
Lab File: BN012203.D
Acq: 14 Oct 2020 20:19

Tgt Ion:202 Resp: 6012

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.0
100	8.0	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
C0AC4

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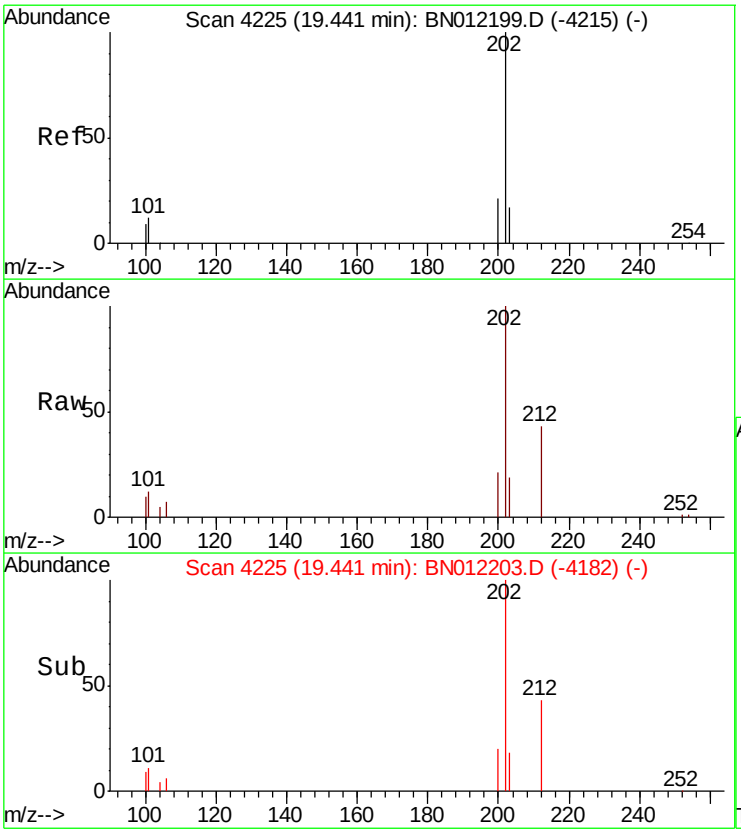
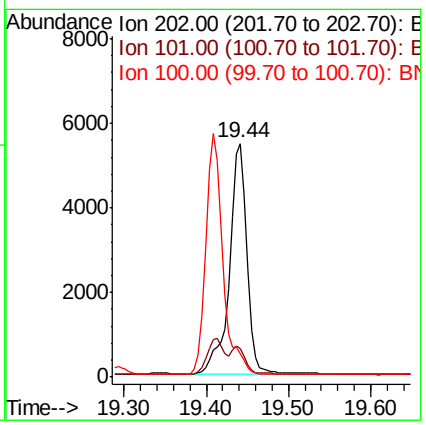
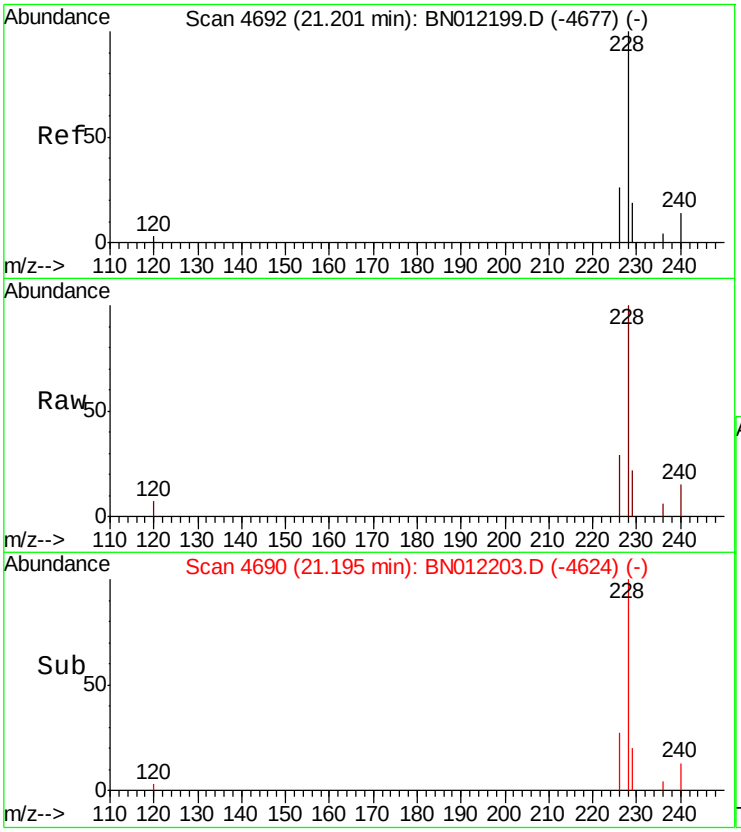


#17
Pyrene
Concen: 0.295 ng/ul
RT: 19.44 min Scan# 4225
Delta R.T. -0.00 min
Lab File: BN012203.D
Acq: 14 Oct 2020 20:19

Tgt Ion:202 Resp: 8093

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.9	14.9
100	10.2	8.0	12.0

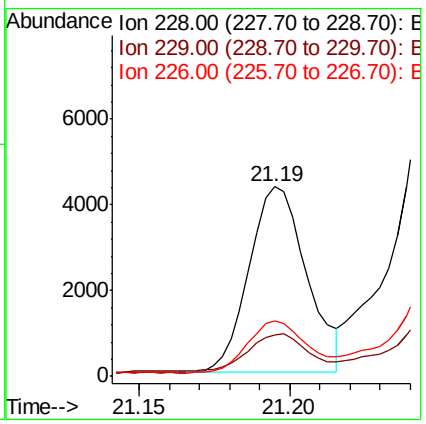




#18
Benzo(a)anthracene
Concen: 0.257 ng/ul
RT: 21.19 min Scan# 4690
Delta R.T. -0.01 min
Lab File: BN012203.D
Acq: 14 Oct 2020 20:19

Tgt Ion:228 Resp: 5797

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.8	23.8
226	28.9	22.6	33.8



Instrument :
BNA_N
ClientSampleId :
C0AC4

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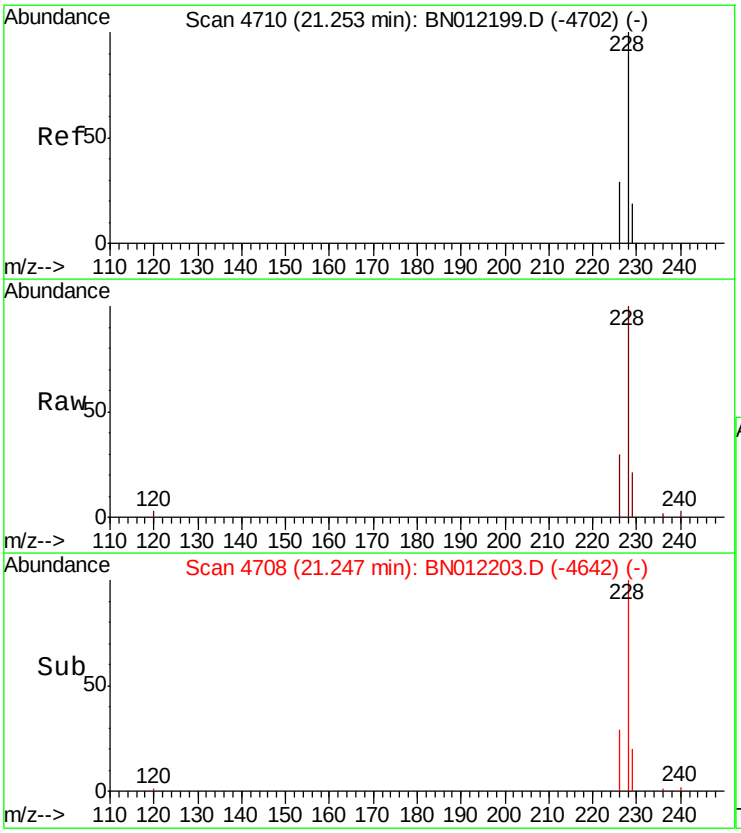
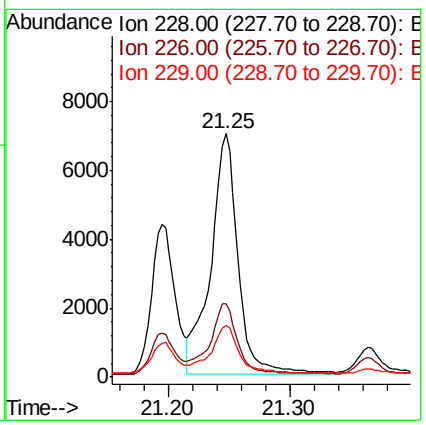
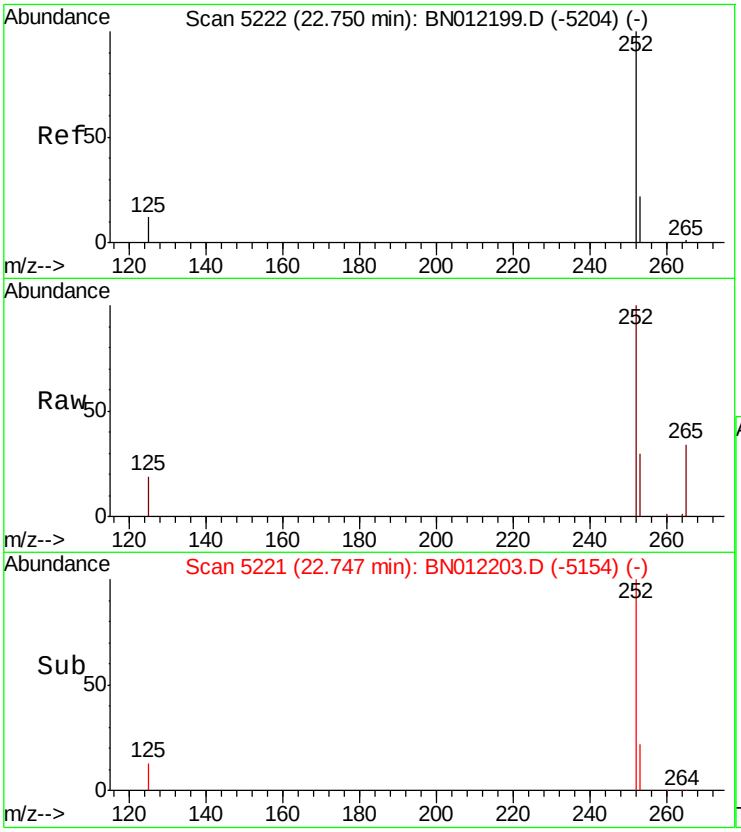


#19
Chrysene
Concen: 0.396 ng/ul
RT: 21.25 min Scan# 4708
Delta R.T. -0.01 min
Lab File: BN012203.D
Acq: 14 Oct 2020 20:19

Tgt Ion:228 Resp: 10849

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	21.2	17.0	25.6

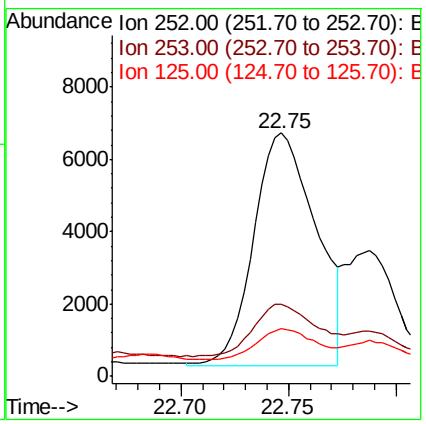




#21
Benzo(b)fluoranthene
Concen: 0.473 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.00 min
Lab File: BN012203.D
Acq: 14 Oct 2020 20:19

Tgt Ion:252 Resp: 13021

Ion	Ratio	Lower	Upper
252	100		
253	29.6	0.0	61.6
125	19.5	0.0	36.8



Instrument :
BNA_N
ClientSampleId :
C0AC4

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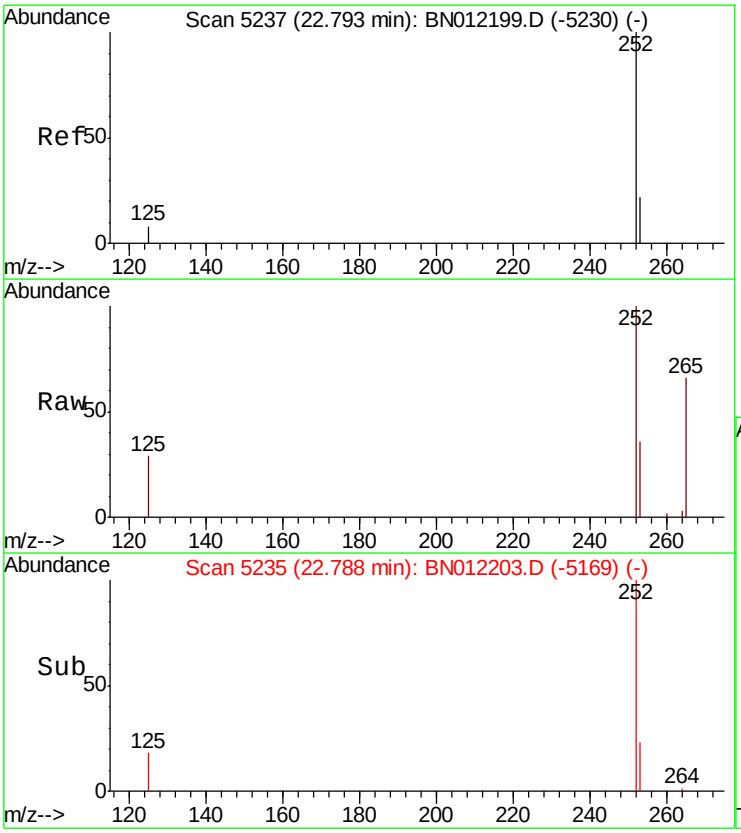
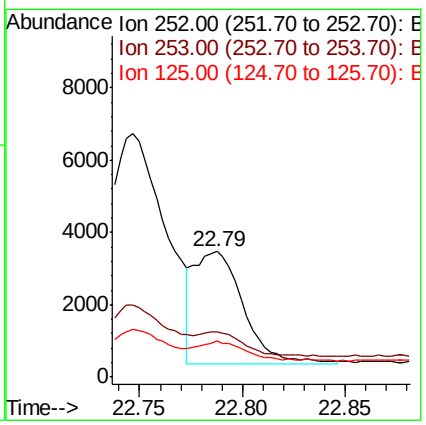
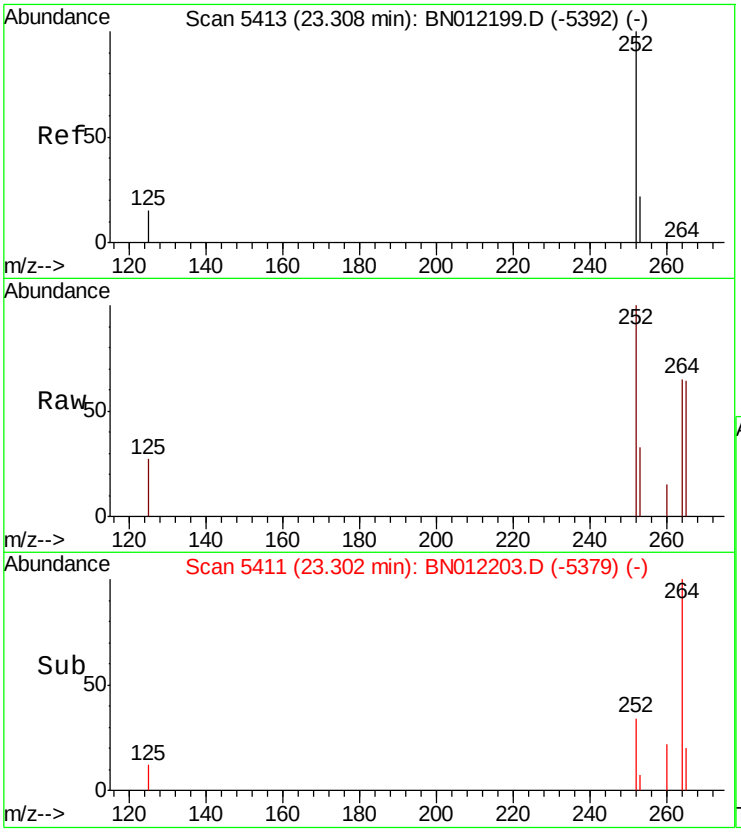


#22
Benzo(k)fluoranthene
Concen: 0.171 ng/ul m
RT: 22.79 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN012203.D
Acq: 14 Oct 2020 20:19

Tgt Ion:252 Resp: 5207

Ion	Ratio	Lower	Upper
252	100		
253	36.4	24.4	36.6
125	28.6	12.9	19.3#

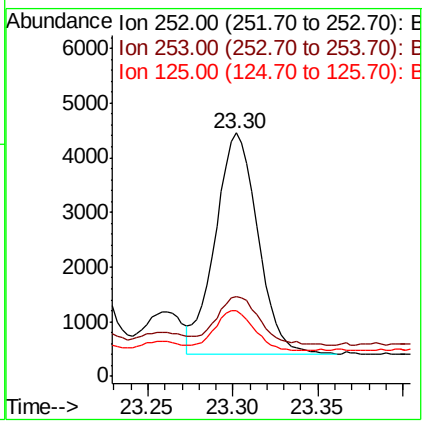




#23
Benzo(a)pyrene
Concen: 0.261 ng/ul
RT: 23.30 min Scan# 5411
Delta R.T. -0.01 min
Lab File: BN012203.D
Acq: 14 Oct 2020 20:19

Tgt Ion:252 Resp: 6990

Ion	Ratio	Lower	Upper
252	100		
253	32.7	27.0	40.4
125	26.7	18.8	28.2



Instrument :
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ClientSampleId :
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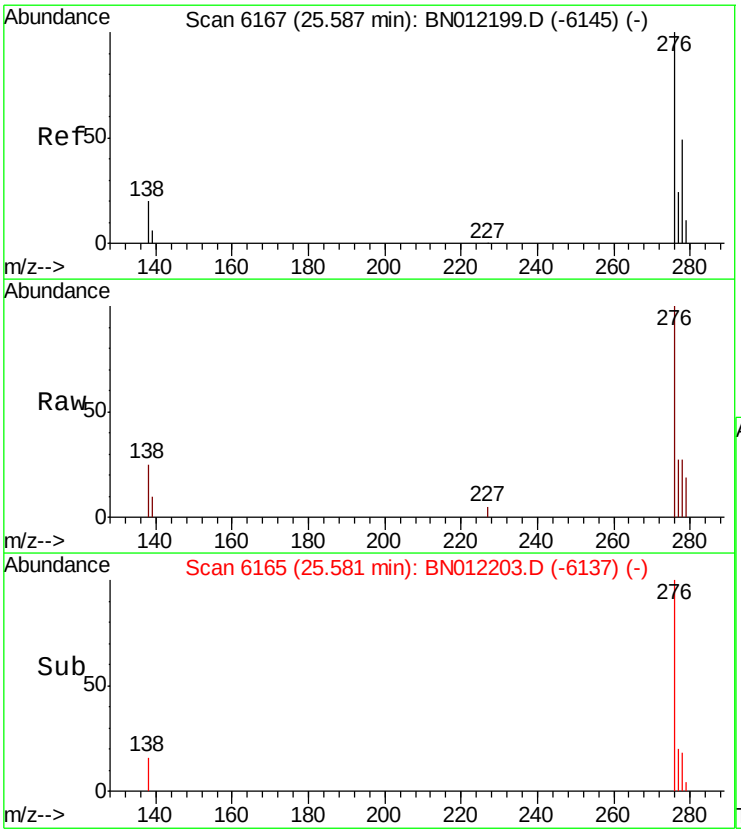
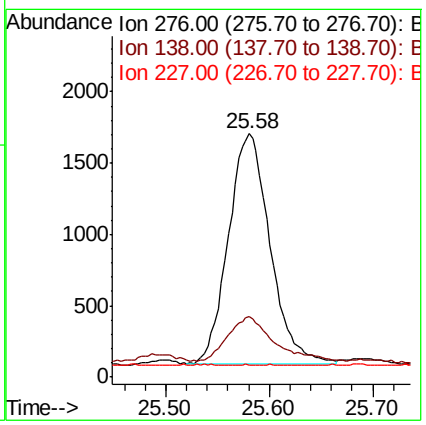
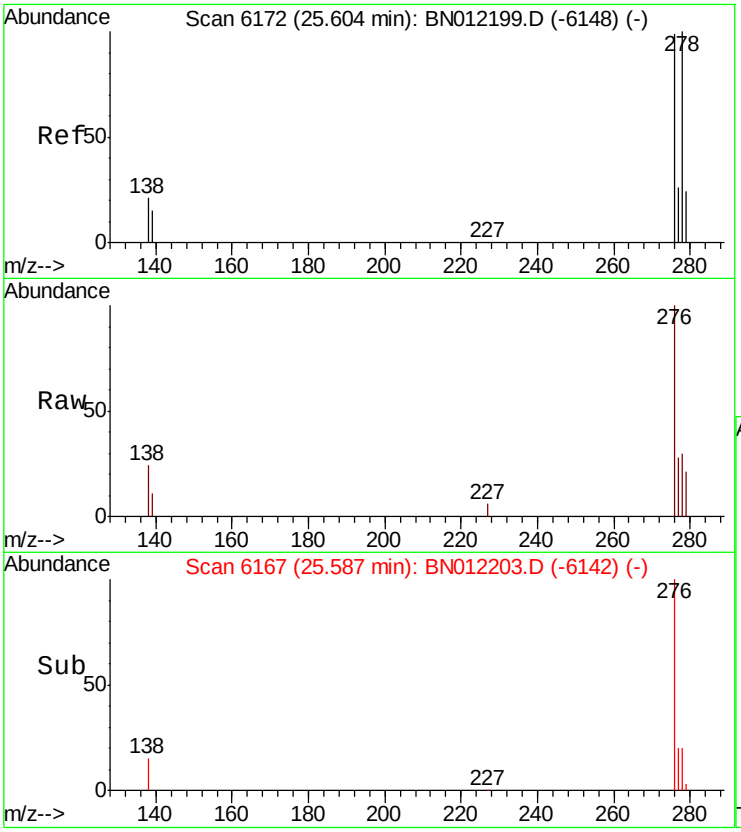


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.130 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. -0.01 min
Lab File: BN012203.D
Acq: 14 Oct 2020 20:19

Tgt Ion:276 Resp: 4490

Ion	Ratio	Lower	Upper
276	100		
138	21.2	0.0	0.0#
227	0.1	0.0	0.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 25.59 min Scan# 6167
Delta R.T. -0.02 min
Lab File: BN012203.D
Acq: 14 Oct 2020 20:19

Tgt Ion:278 Resp: 1236

Ion	Ratio	Lower	Upper
278	100		
139	37.4	15.7	23.5#
279	69.8	26.0	39.0#

Instrument :
BNA_N
ClientSampleId :
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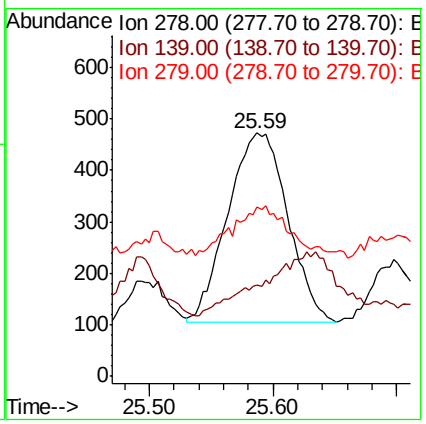

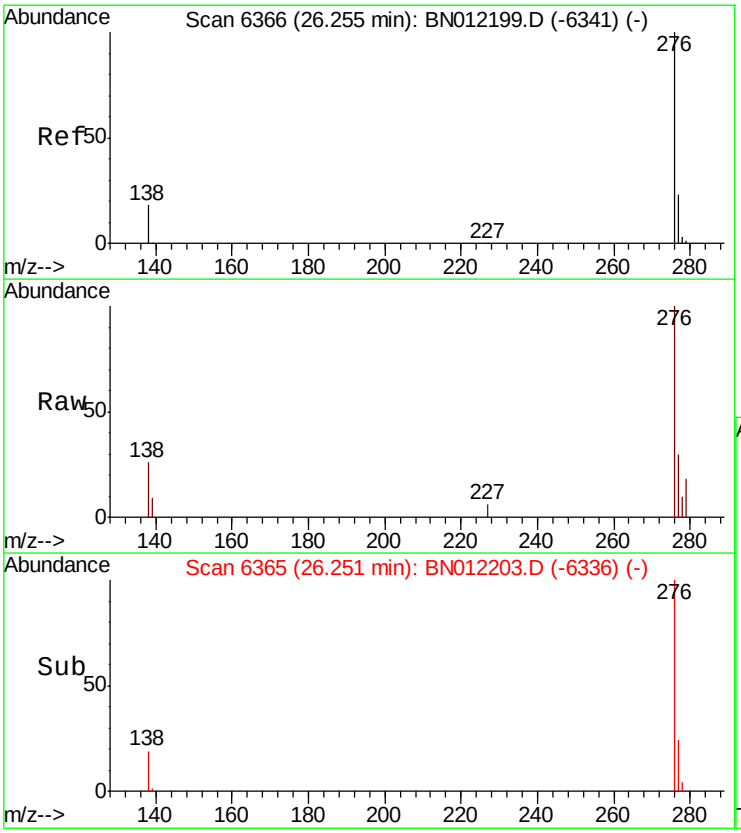

#26
Benzo(g,h,i)perylene
Concen: 0.121 ng/ul
RT: 26.25 min Scan# 6365
Delta R.T. -0.00 min
Lab File: BN012203.D
Acq: 14 Oct 2020 20:19

Tgt Ion:276 Resp: 3803

Ion	Ratio	Lower	Upper
276	100		
138	26.2	17.1	25.7#
277	29.8	21.1	31.7