Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121118\
Data File : BN003823.D
Acq On : 11 Dec 2018 20:09
Operator : JU/SJ
Sample : J6170-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9M12

Manual Integrations APPROVED
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Quant Time: Dec 12 03:26:32 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 : Wed Dec 12 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4727	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	17776	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	8394	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	15662m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	12092m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	12241m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	5049	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	7772m	0.17	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.53	153	1231	0.037	ng/ul	98
12) Phenanthrene	17.26	178	7362	0.143	ng/ul	98
13) Anthracene	17.34	178	1087m	0.026	ng/ul	
15) Fluoranthene	19.27	202	20630m	0.340	ng/ul	
17) Pyrene	19.63	202	16243m	0.375	ng/ul	
18) Benzo(a)anthracene	21.38	228	5914	0.155	ng/ul	95
19) Chrysene	21.43	228	9085	0.208	ng/ul	97
21) Benzo(b)fluoranthene	23.01	252	13971m	0.276	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	5097m	0.103	ng/ul	
23) Benzo(a)pyrene	23.61	252	7722	0.176	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.06	276	6311	0.126	ng/ul	95
25) Dibenzo(a,h)anthracene	26.07	278	1775	0.044	ng/ul#	58
26) Benzo(g,h,i)perylene	26.79	276	5152	0.118	ng/ul#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121118\
Data File : BN003823.D
Acq On : 11 Dec 2018 20:09
Operator : JU/SJ
Sample : J6170-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 12 03:26:32 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 : Wed Dec 12 02:52:45 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9M12

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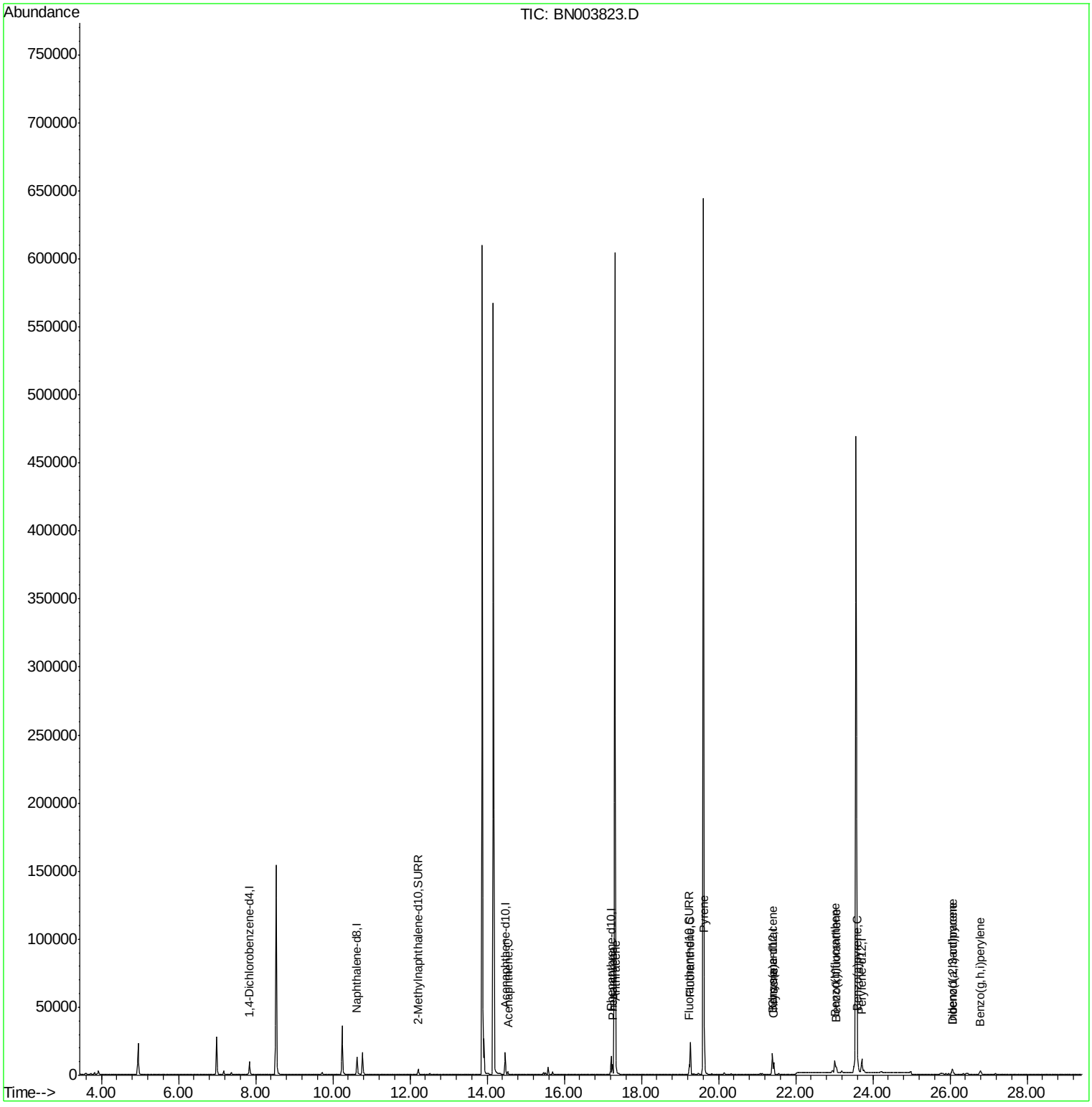
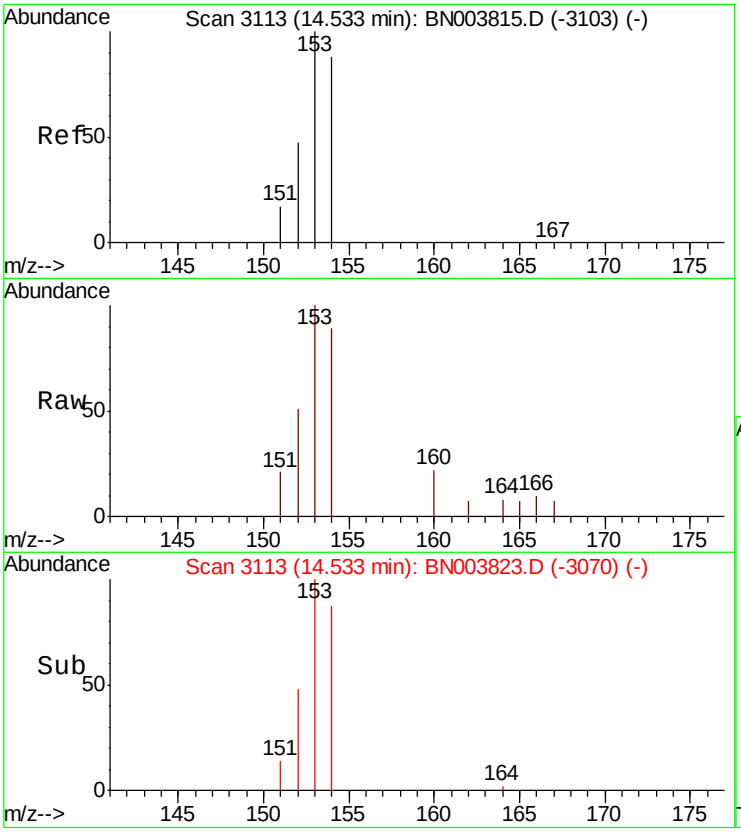
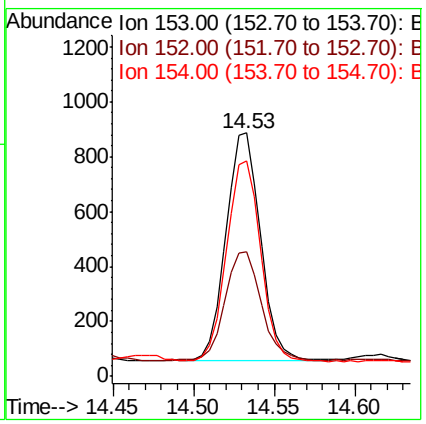




#8
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.53 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BN003823.D
Acq: 11 Dec 2018 20:09

Tgt Ion:153 Resp: 1231

Ion	Ratio	Lower	Upper
153	100		
152	51.0	39.3	58.9
154	88.7	70.3	105.5



Instrument :
BNA_N
ClientSampleId :
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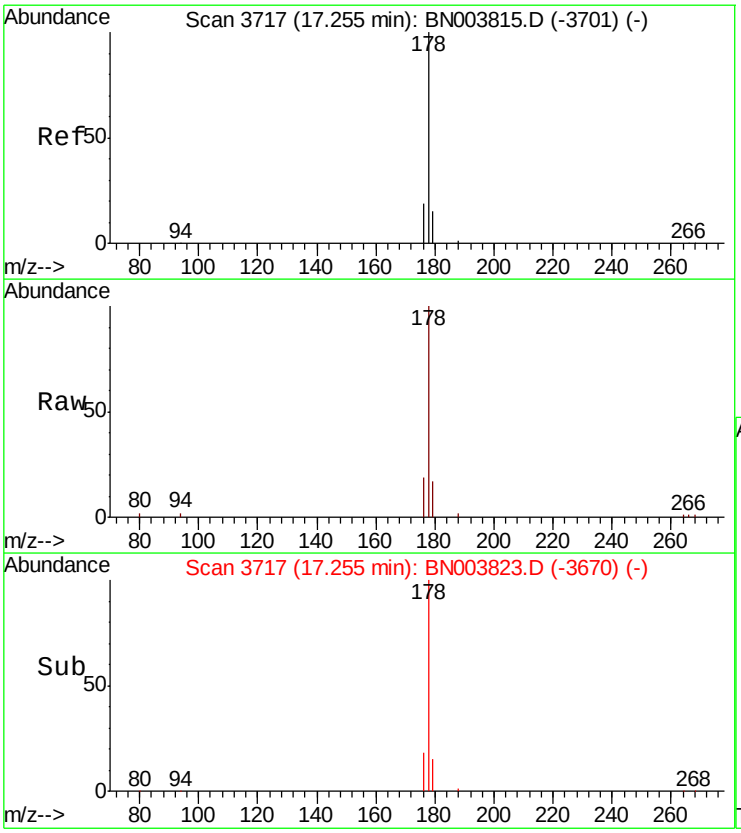
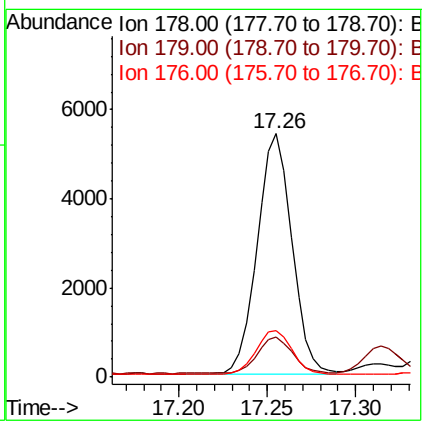
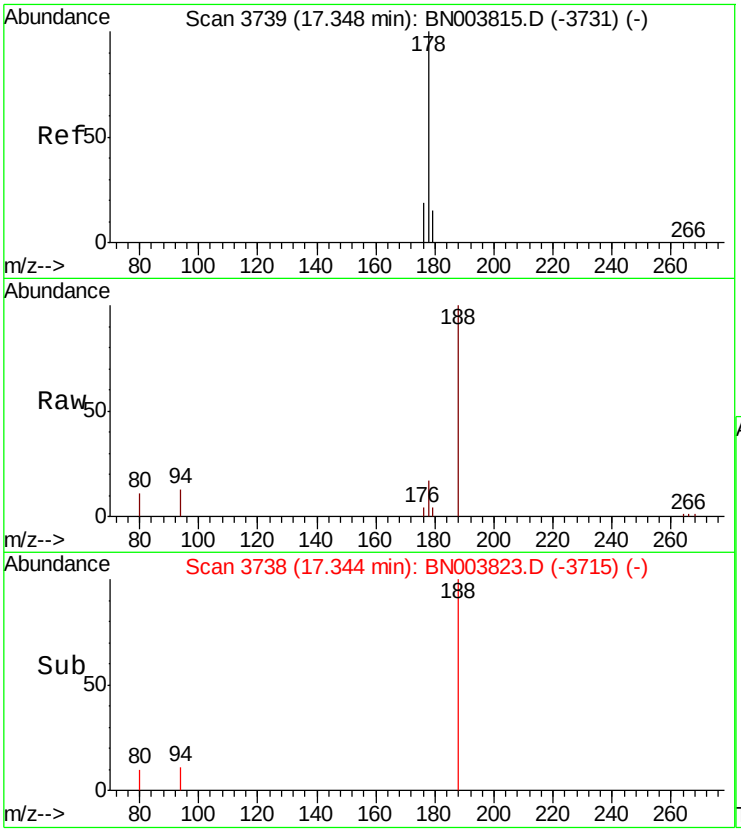


#12
Phenanthrene
Concen: 0.143 ng/ul
RT: 17.26 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BN003823.D
Acq: 11 Dec 2018 20:09

Tgt Ion:178 Resp: 7362

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.5	18.7
176	19.3	15.0	22.4





#13
Anthracene
Concen: 0.026 ng/ul m
RT: 17.34 min Scan# 3738
Delta R.T. -0.00 min
Lab File: BN003823.D
Acq: 11 Dec 2018 20:09

Tgt Ion:178 Resp: 1087

Ion	Ratio	Lower	Upper
178	100		
179	26.0	12.3	18.5#
176	24.4	14.8	22.2#

Instrument :
BNA_N
ClientSampleId :
F9M12

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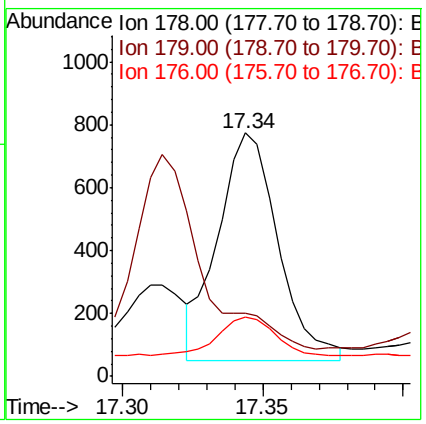
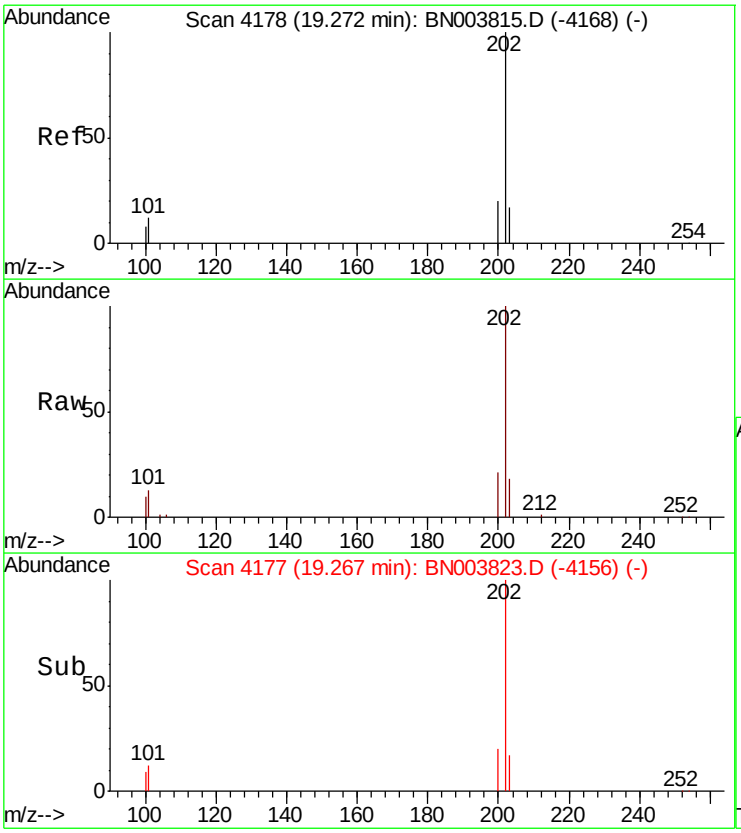
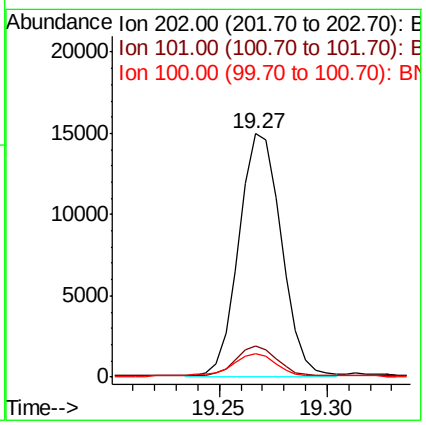


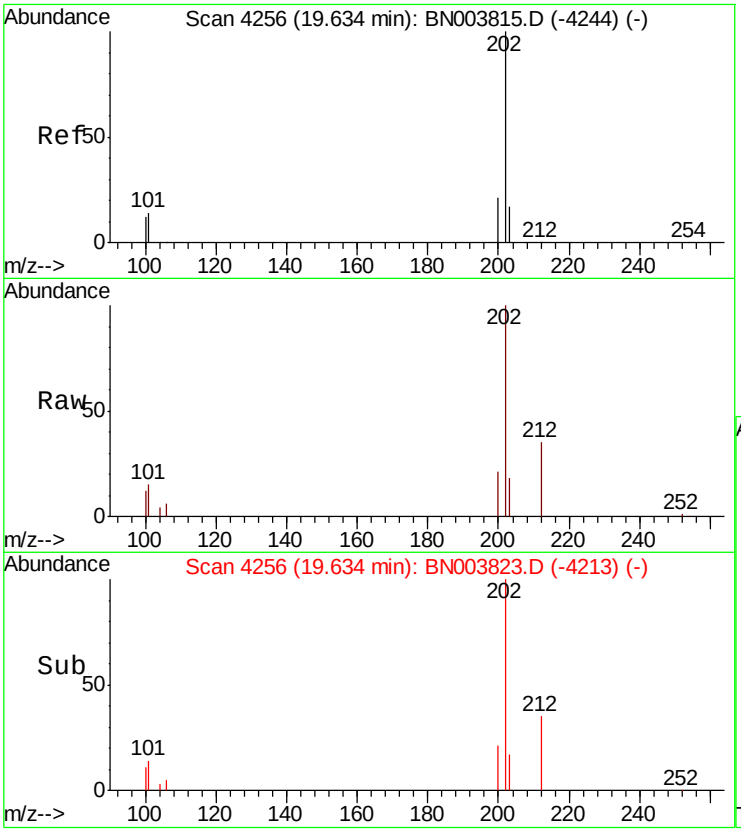


#15
Fluoranthene
Concen: 0.340 ng/ul m
RT: 19.27 min Scan# 4177
Delta R.T. -0.00 min
Lab File: BN003823.D
Acq: 11 Dec 2018 20:09

Tgt Ion:202 Resp: 20630

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.7
100	9.6	0.0	28.1

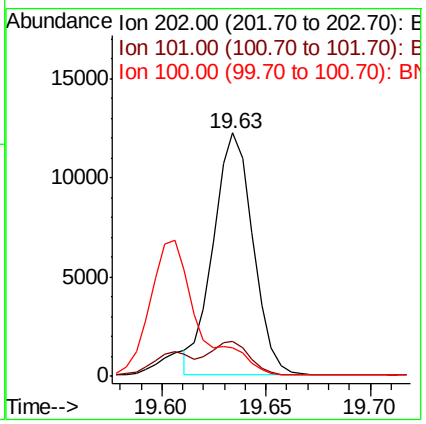




#17
Pyrene
Concen: 0.375 ng/ul m
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN003823.D
Acq: 11 Dec 2018 20:09

Tgt Ion:202 Resp: 16243

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.3	15.5
100	11.8	8.5	12.7



Instrument :
BNA_N
ClientSampleId :
F9M12

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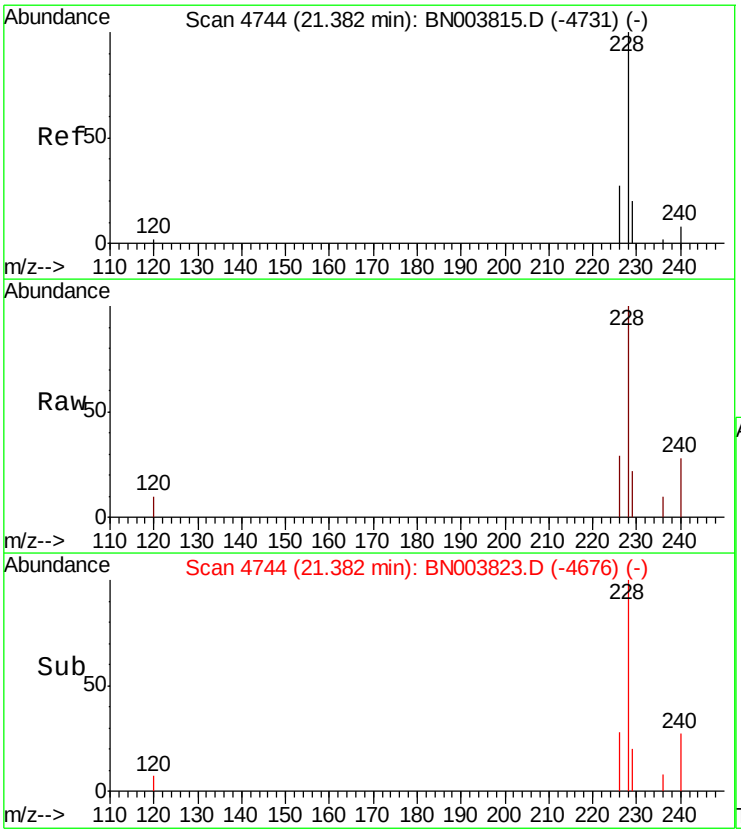
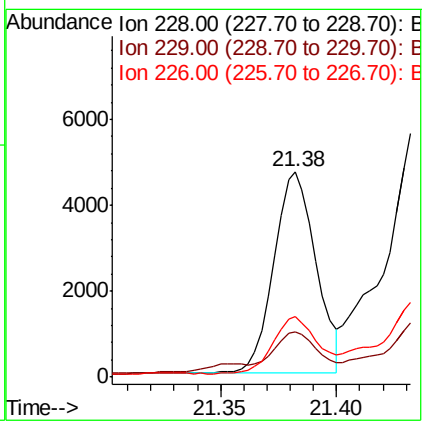
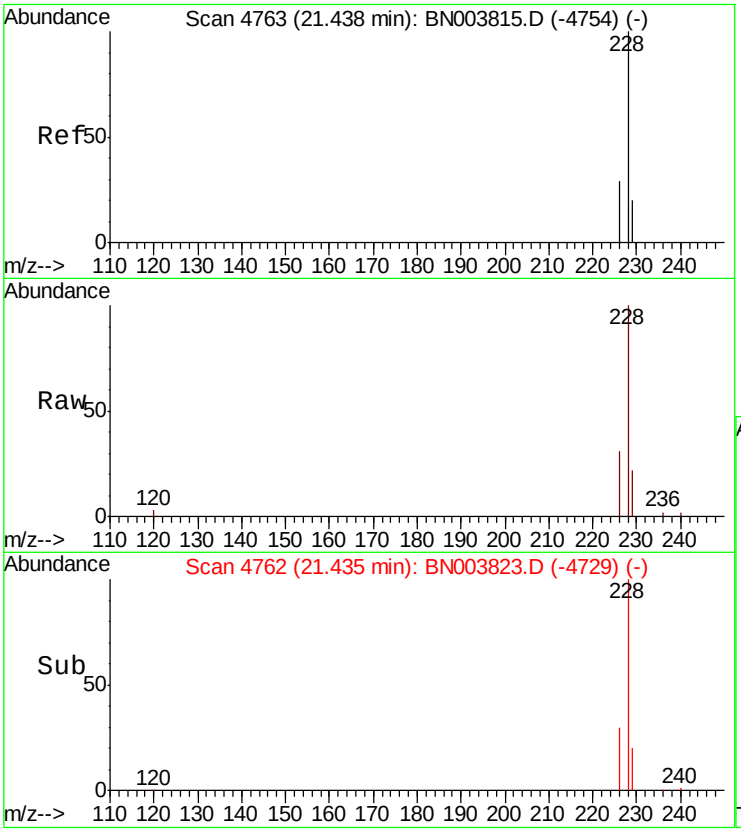


#18
Benzo(a)anthracene
Concen: 0.155 ng/ul
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN003823.D
Acq: 11 Dec 2018 20:09

Tgt Ion:228 Resp: 5914

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.6	23.4
226	29.2	21.1	31.7

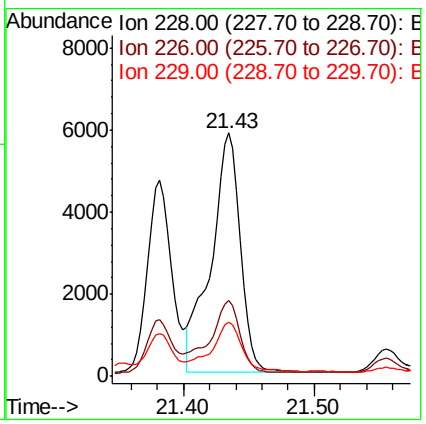




#19
Chrysene
Concen: 0.208 ng/ul
RT: 21.43 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN003823.D
Acq: 11 Dec 2018 20:09

Tgt Ion:228 Resp: 9085

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	22.2	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
F9M12

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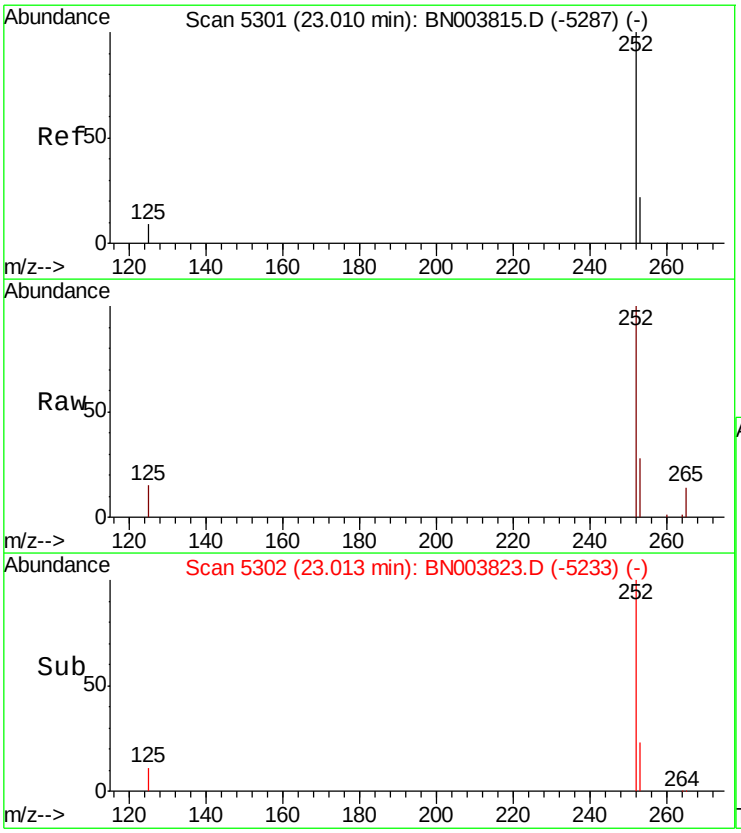
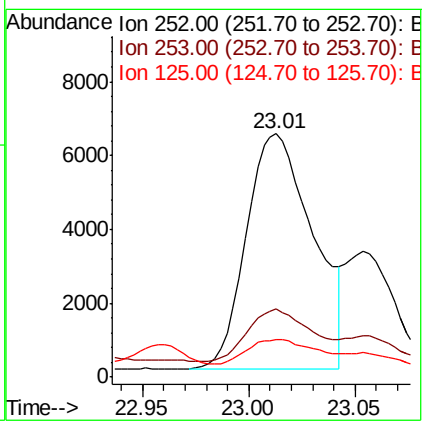
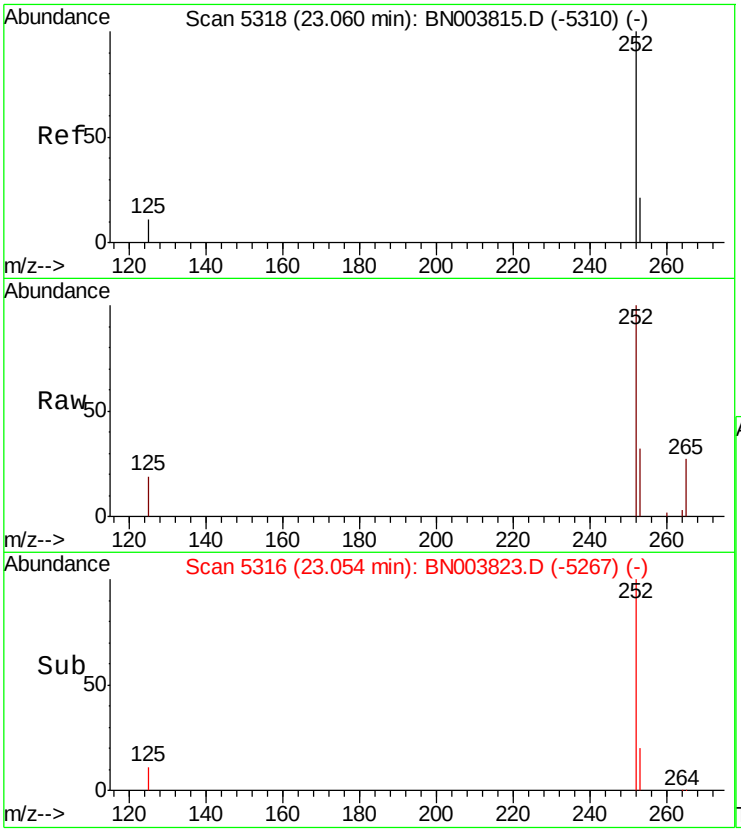


#21
Benzo(b)fluoranthene
Concen: 0.276 ng/ul m
RT: 23.01 min Scan# 5302
Delta R.T. 0.00 min
Lab File: BN003823.D
Acq: 11 Dec 2018 20:09

Tgt Ion:252 Resp: 13971

Ion	Ratio	Lower	Upper
252	100		
253	28.0	0.0	46.0
125	15.3	0.0	22.4





#22
Benzo(k)fluoranthene
Concen: 0.103 ng/ul m
RT: 23.05 min Scan# 5316
Delta R.T. -0.01 min
Lab File: BN003823.D
Acq: 11 Dec 2018 20:09

Tgt Ion:252 Resp: 5097

Ion	Ratio	Lower	Upper
252	100		
253	32.4	18.5	27.7#
125	19.1	9.0	13.6#

Instrument :
BNA_N
ClientSampleId :
F9M12

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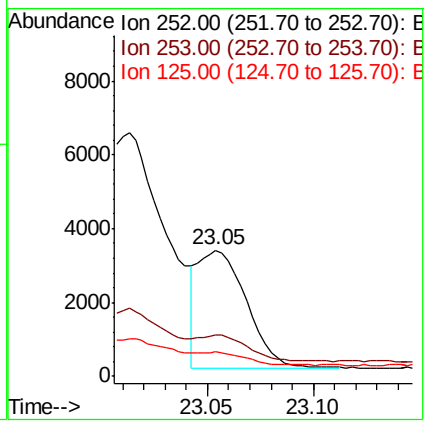
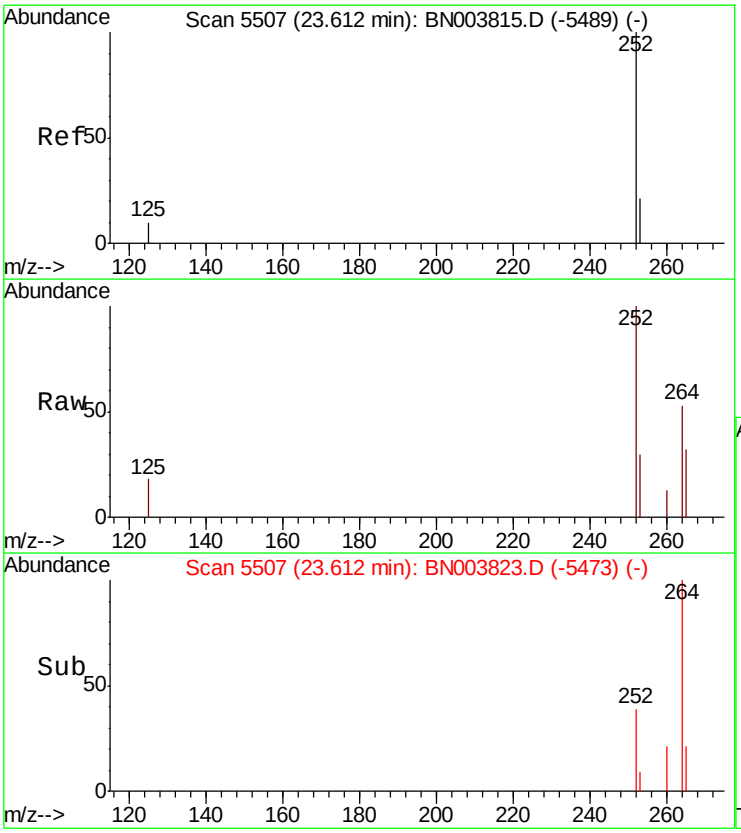
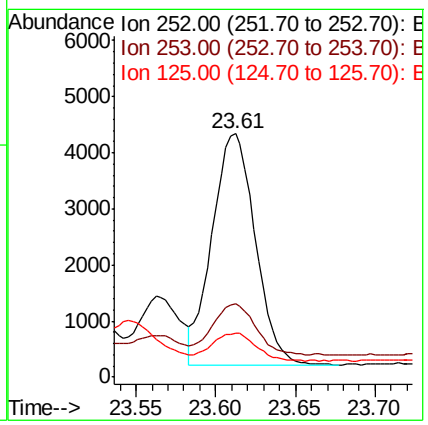


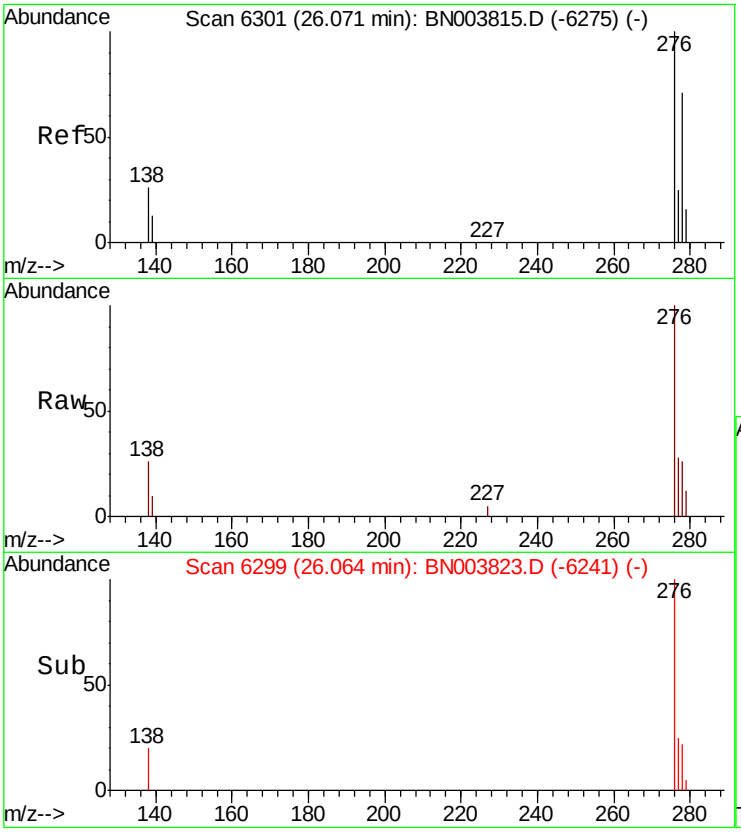


#23
Benzo(a)pyrene
Concen: 0.176 ng/ul
RT: 23.61 min Scan# 5507
Delta R.T. -0.00 min
Lab File: BN003823.D
Acq: 11 Dec 2018 20:09

Tgt Ion:252 Resp: 7722

Ion	Ratio	Lower	Upper
252	100		
253	29.9	19.0	28.4#
125	17.9	10.2	15.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.126 ng/ul
RT: 26.06 min Scan# 6299
Delta R.T. -0.01 min
Lab File: BN003823.D
Acq: 11 Dec 2018 20:09

Tgt Ion:276 Resp: 6311

Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.3	30.5
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
F9M12

Manual Integrations APPROVED
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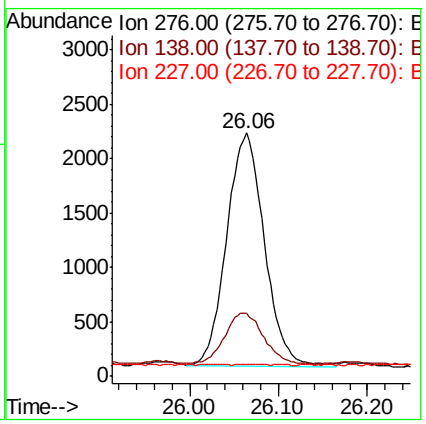
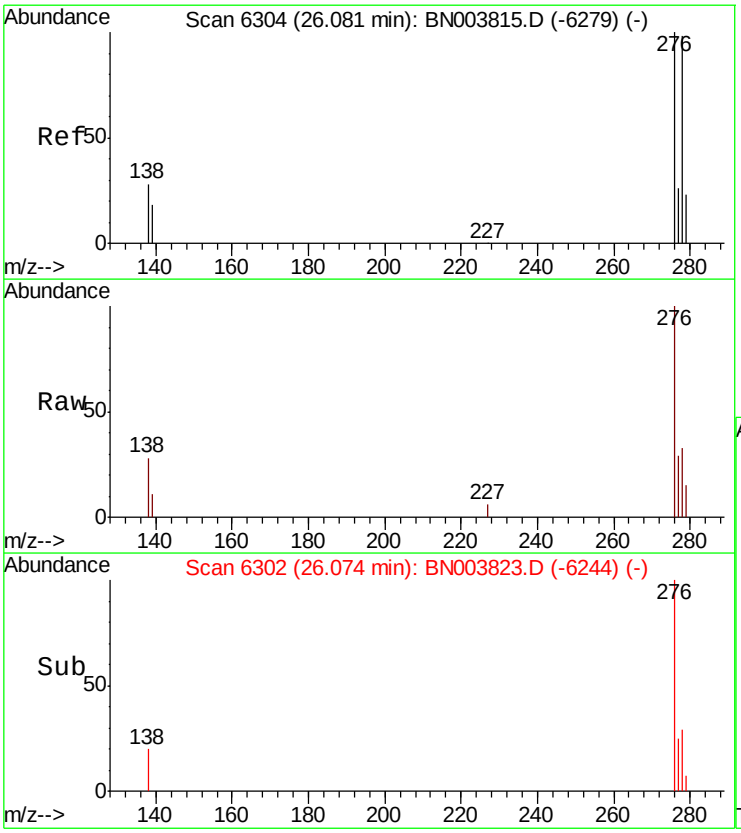
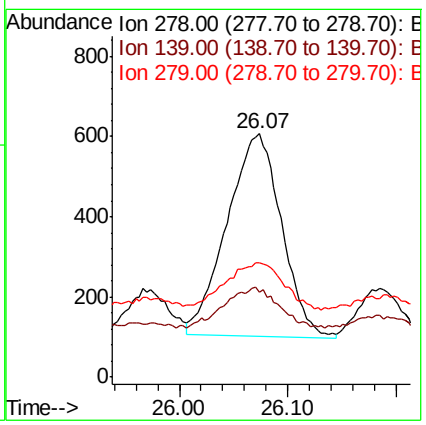


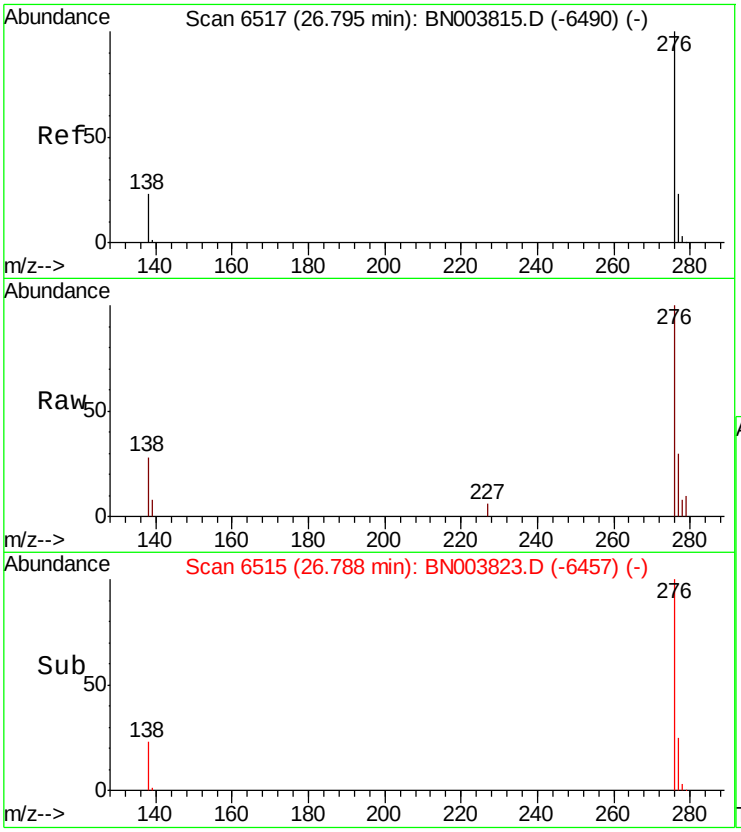


#25
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 26.07 min Scan# 6302
Delta R.T. -0.01 min
Lab File: BN003823.D
Acq: 11 Dec 2018 20:09

Tgt Ion:278 Resp: 1775

Ion	Ratio	Lower	Upper
278	100		
139	34.8	14.2	21.4#
279	47.1	19.8	29.6#

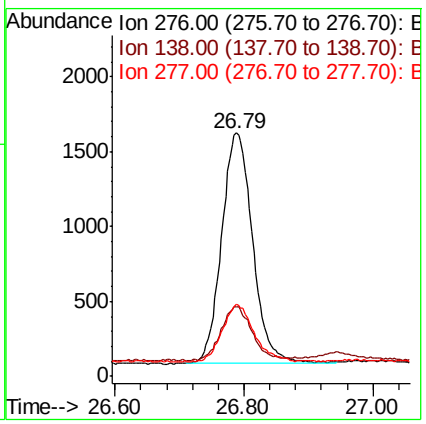




#26
Benzo(g,h,i)perylene
Concen: 0.118 ng/ul
RT: 26.79 min Scan# 6515
Delta R.T. -0.01 min
Lab File: BN003823.D
Acq: 11 Dec 2018 20:09

Tgt Ion:276 Resp: 5152

Ion	Ratio	Lower	Upper
276	100		
138	28.5	17.7	26.5#
277	29.5	19.3	28.9#



Instrument :
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