Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
Data File : BN004107.D
Acq On : 19 Dec 2018 11:25
Operator : JU/SJ
Sample : J6271-13DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E28DL

Manual Integrations APPROVED
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Quant Time: Dec 20 04:55:24 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 : Thu Dec 20 04:42:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1316	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6670	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4074	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	10558	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	11771	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	11517	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	481	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1512	0.05	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.19	152	7544	0.411	ng/ul	98
12) Phenanthrene	17.25	178	1621m	0.047	ng/ul	
13) Anthracene	17.35	178	7409	0.260	ng/ul	98
15) Fluoranthene	19.27	202	30814	0.753	ng/ul	96
17) Pyrene	19.64	202	36194	0.857	ng/ul	99
18) Benzo(a)anthracene	21.38	228	22628	0.609	ng/ul	97
19) Chrysene	21.43	228	23601	0.555	ng/ul	97
21) Benzo(b)fluoranthene	23.02	252	45617m	0.958	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	13128m	0.283	ng/ul	
23) Benzo(a)pyrene	23.62	252	20492	0.497	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.08	276	18973	0.401	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.08	278	4278m	0.112	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	14335	0.349	ng/ul	94

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

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Manual Integrations APPROVED
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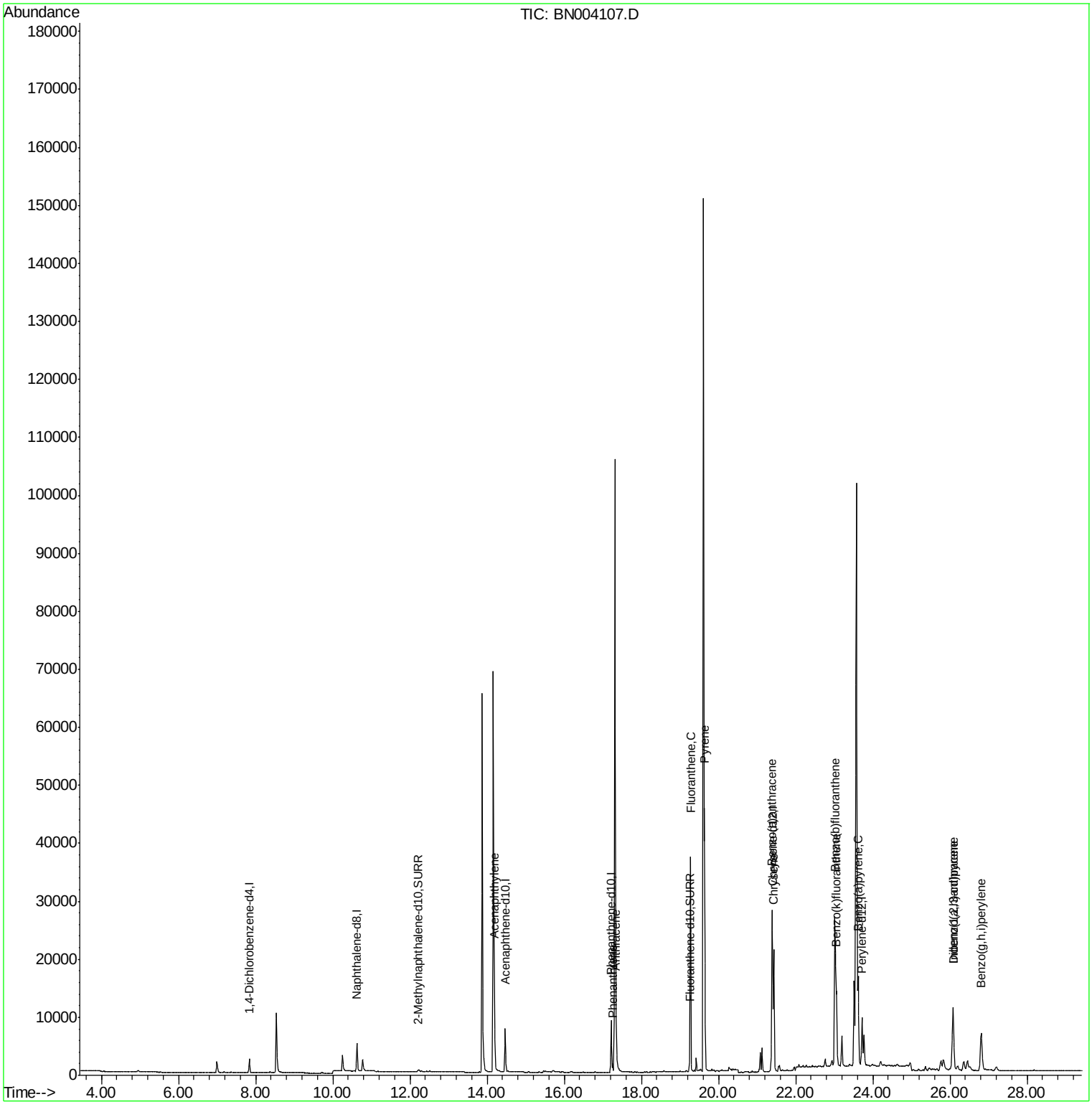
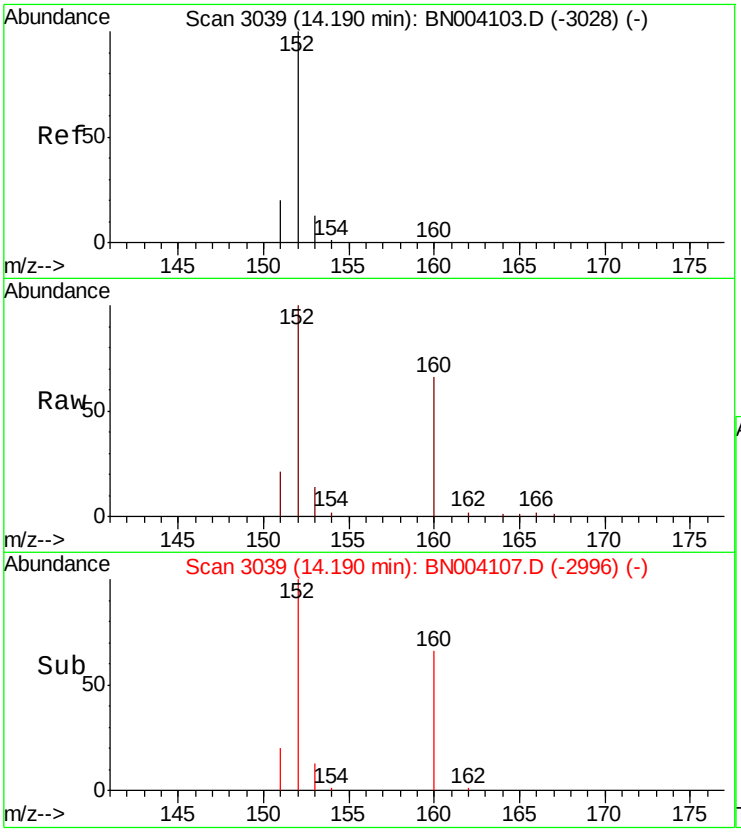
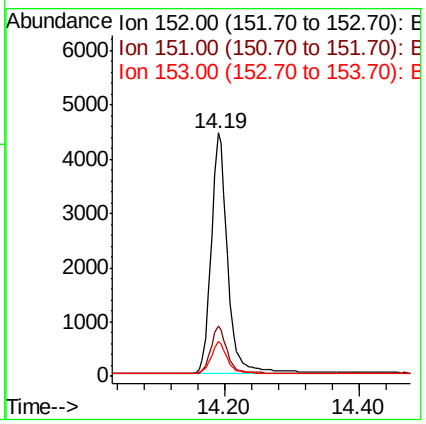




#7
Acenaphthylene
Concen: 0.411 ng/ul
RT: 14.19 min Scan# 3039
Delta R.T. 0.00 min
Lab File: BN004107.D
Acq: 19 Dec 2018 11:25

Tgt Ion:152 Resp: 7544

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	14.2	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
F9E28DL

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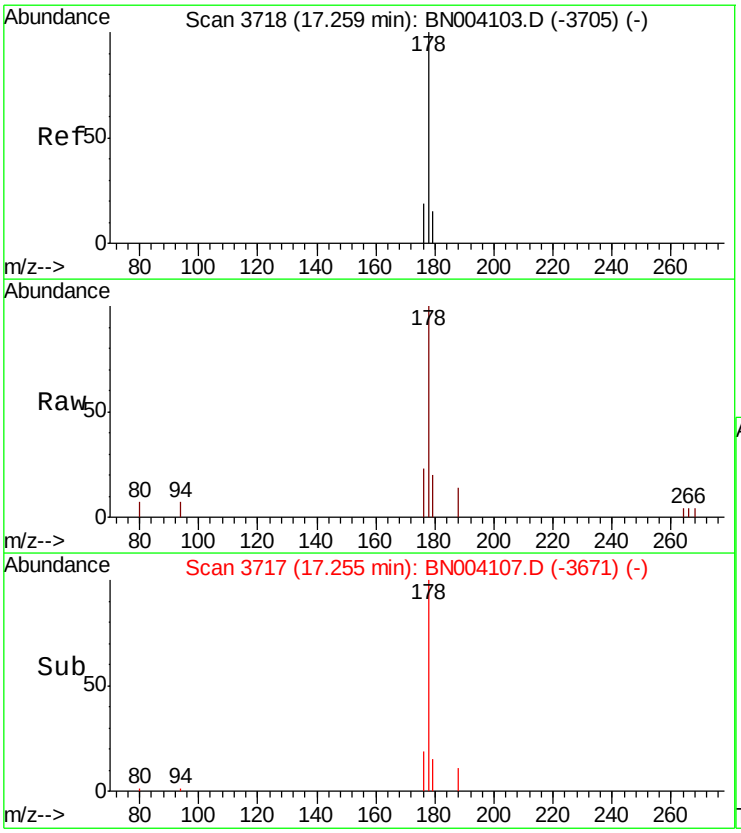
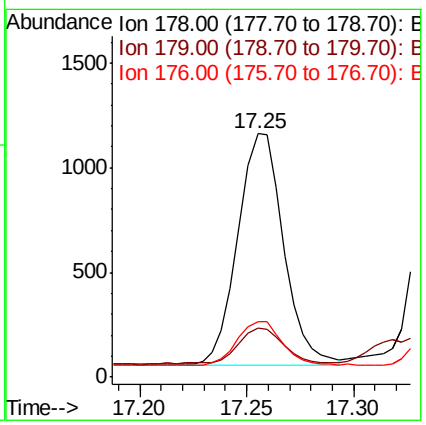
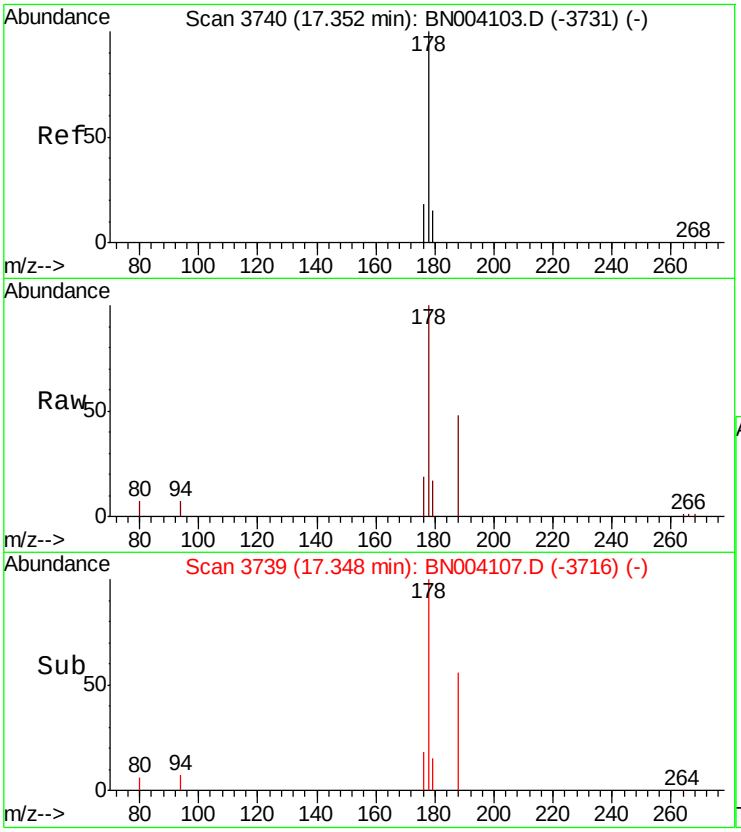


#12
Phenanthrene
Concen: 0.047 ng/ul m
RT: 17.25 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BN004107.D
Acq: 19 Dec 2018 11:25

Tgt Ion:178 Resp: 1621

Ion	Ratio	Lower	Upper
178	100		
179	20.0	12.5	18.7#
176	22.6	15.0	22.4#

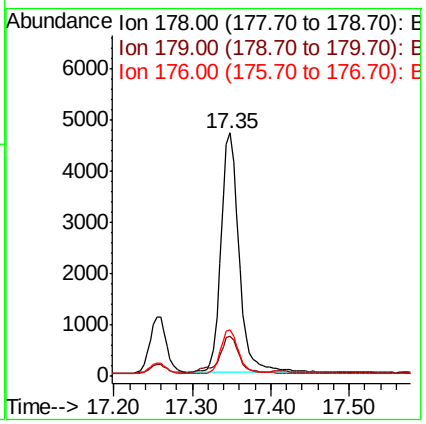




#13
Anthracene
Concen: 0.260 ng/ul
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN004107.D
Acq: 19 Dec 2018 11:25

Tgt Ion:178 Resp: 7409

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.3	18.5
176	19.2	14.8	22.2



Instrument :
BNA_N
ClientSampleId :
F9E28DL

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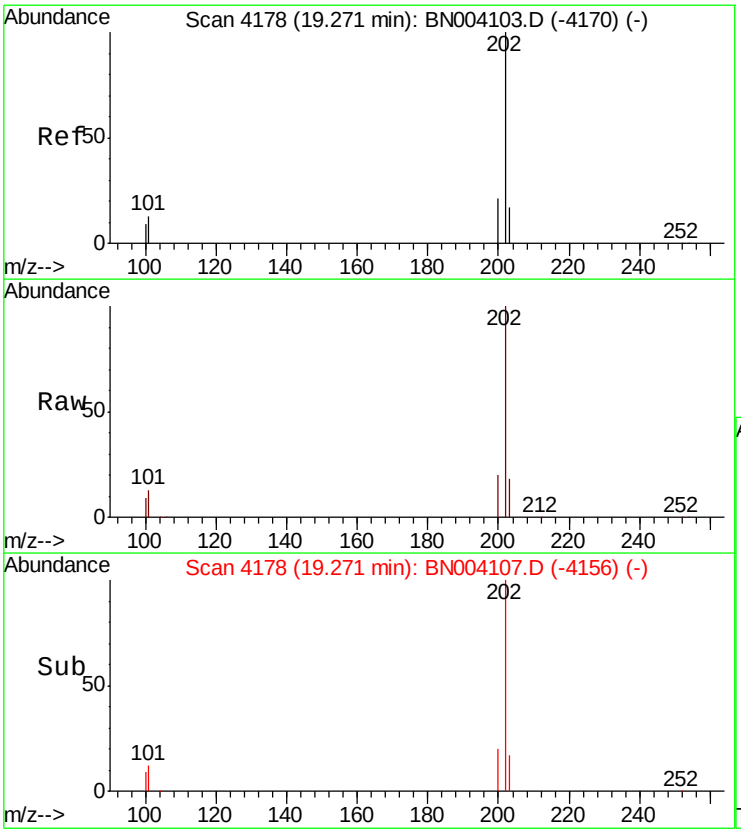
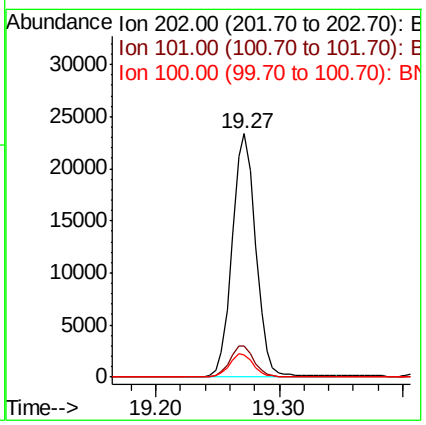
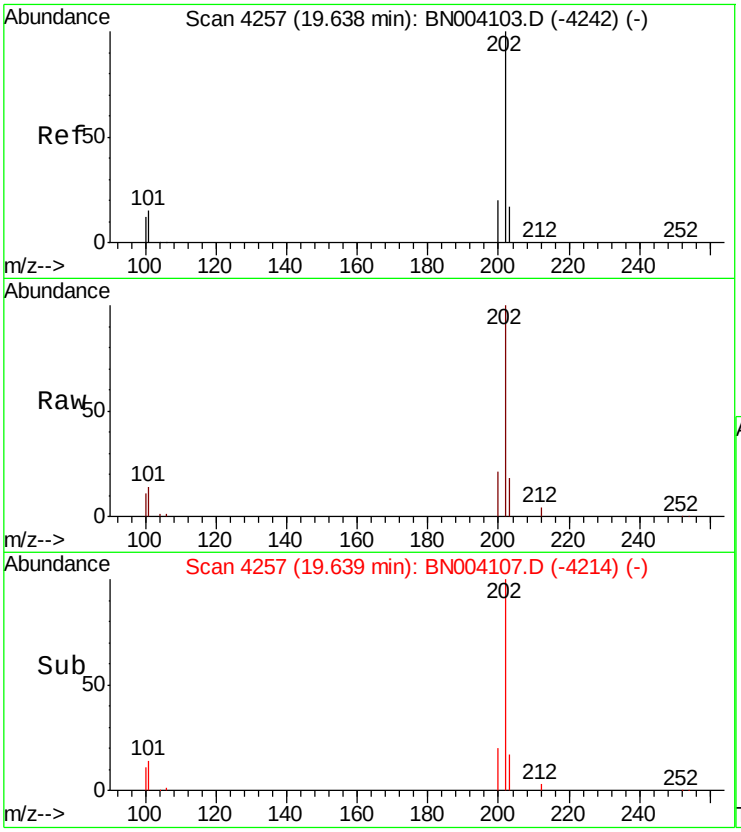


#15
Fluoranthene
Concen: 0.753 ng/ul
RT: 19.27 min Scan# 4178
Delta R.T. 0.00 min
Lab File: BN004107.D
Acq: 19 Dec 2018 11:25

Tgt Ion:202 Resp: 30814

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.7
100	9.3	0.0	28.1





#17
Pyrene
Concen: 0.857 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN004107.D
Acq: 19 Dec 2018 11:25

Tgt Ion:202 Resp: 36194

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.3	15.5
100	10.7	8.5	12.7

Instrument :
BNA_N
ClientSampleId :
F9E28DL

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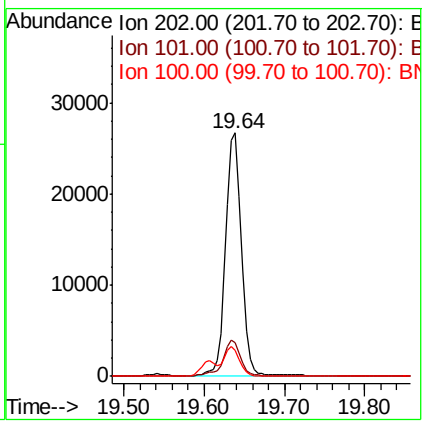
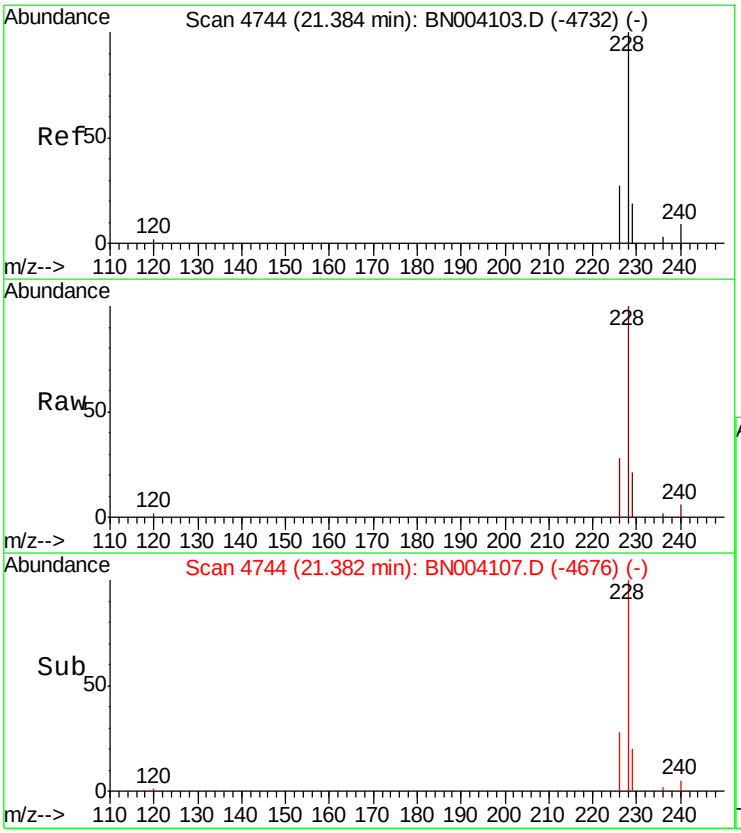
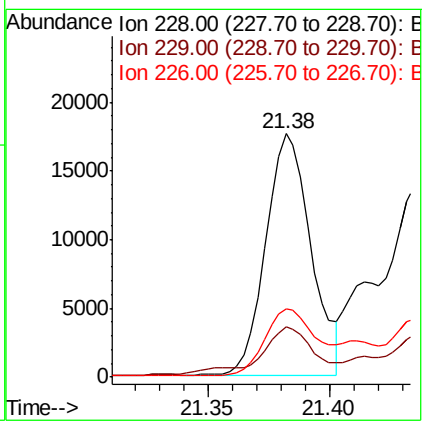


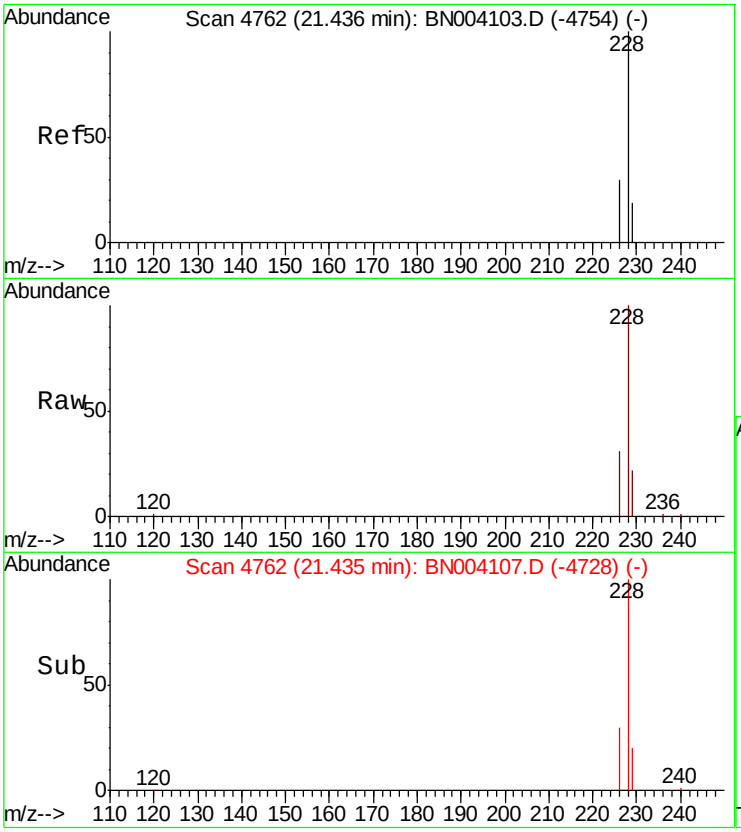


#18
Benzo(a)anthracene
Concen: 0.609 ng/ul
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN004107.D
Acq: 19 Dec 2018 11:25

Tgt Ion:228 Resp: 22628

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	28.1	21.1	31.7

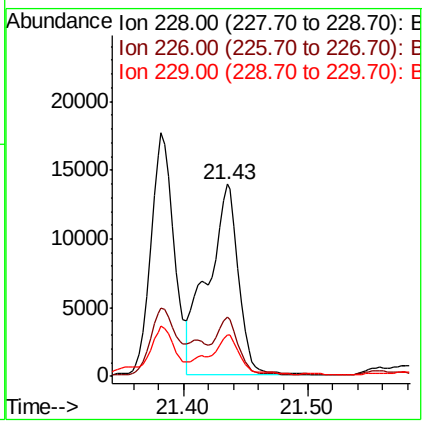




#19
Chrysene
Concen: 0.555 ng/ul
RT: 21.43 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN004107.D
Acq: 19 Dec 2018 11:25

Tgt Ion:228 Resp: 23601

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	21.6	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
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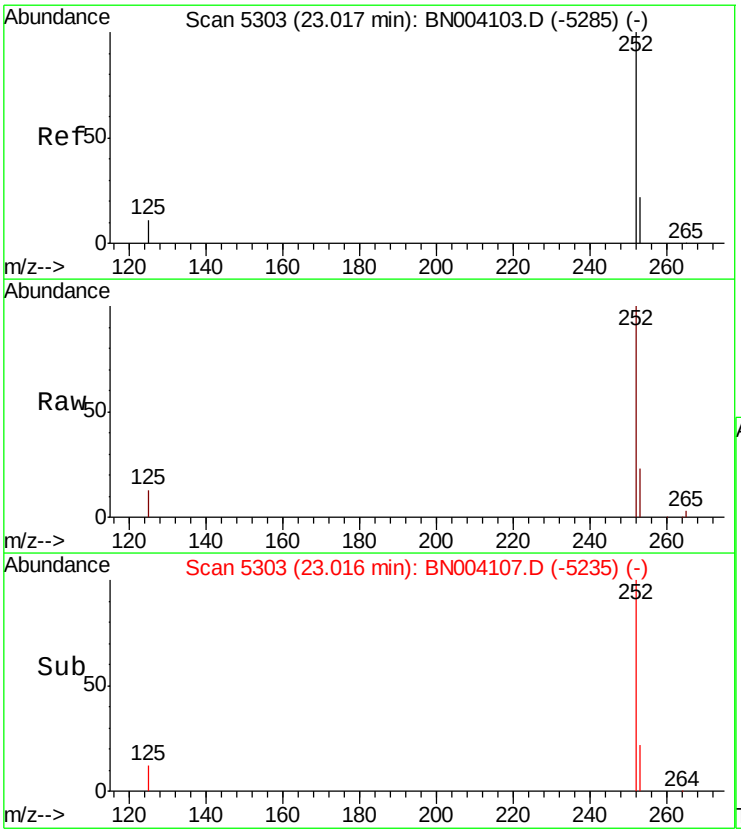
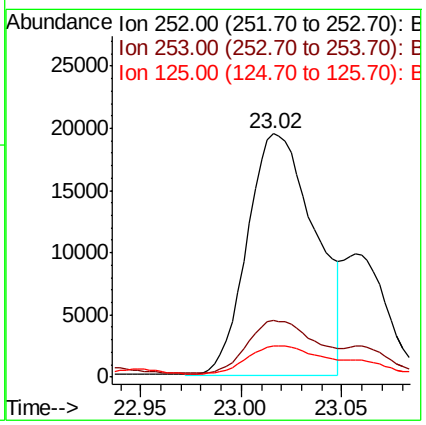
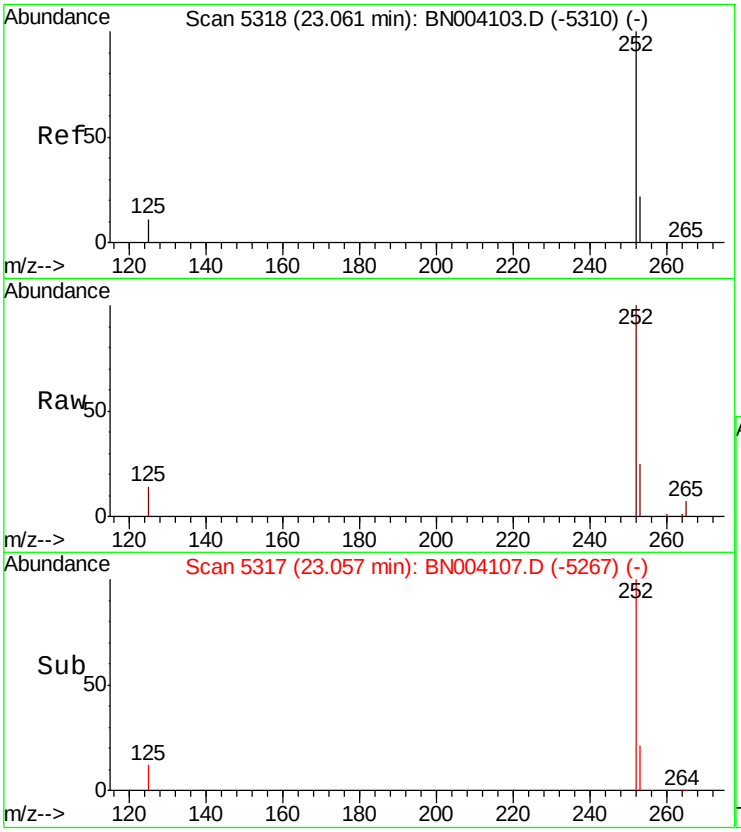


#21
Benzo(b)fluoranthene
Concen: 0.958 ng/ul m
RT: 23.02 min Scan# 5303
Delta R.T. -0.00 min
Lab File: BN004107.D
Acq: 19 Dec 2018 11:25

Tgt Ion:252 Resp: 45617

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	46.0
125	12.8	0.0	22.4





#22
Benzo(k)fluoranthene
Concen: 0.283 ng/ul m
RT: 23.06 min Scan# 5317
Delta R.T. -0.00 min
Lab File: BN004107.D
Acq: 19 Dec 2018 11:25

Tgt Ion:252 Resp: 13128

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.5	27.7
125	14.0	9.0	13.6#

Instrument :
BNA_N
ClientSampleId :
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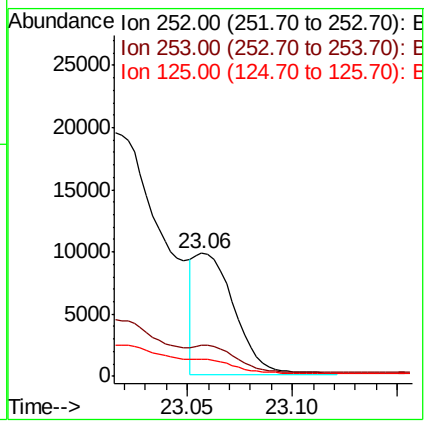
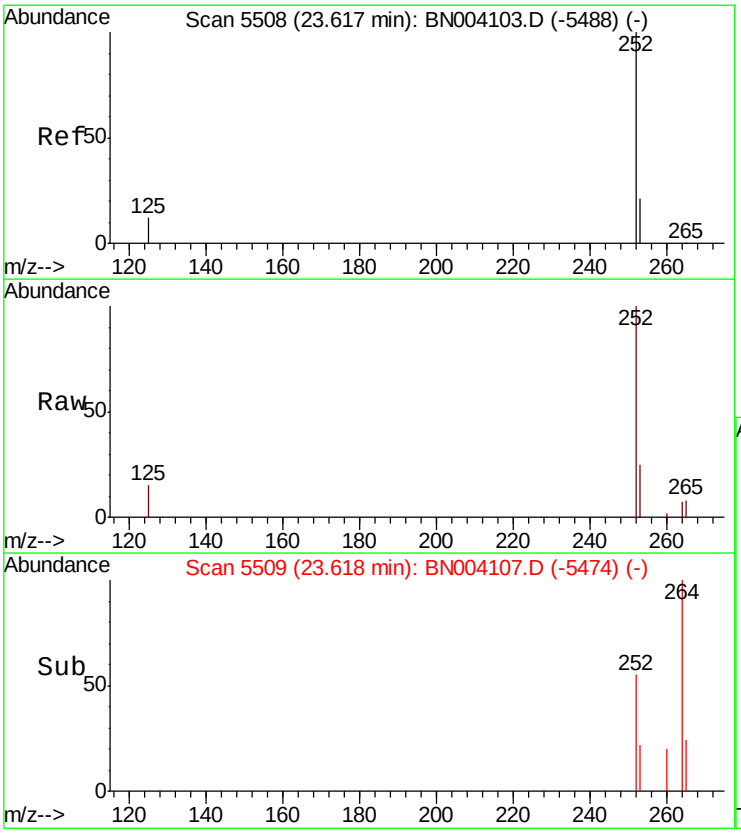
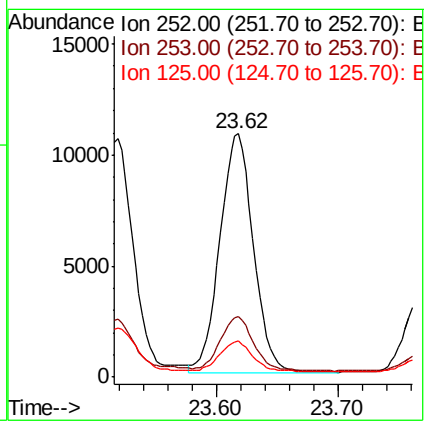


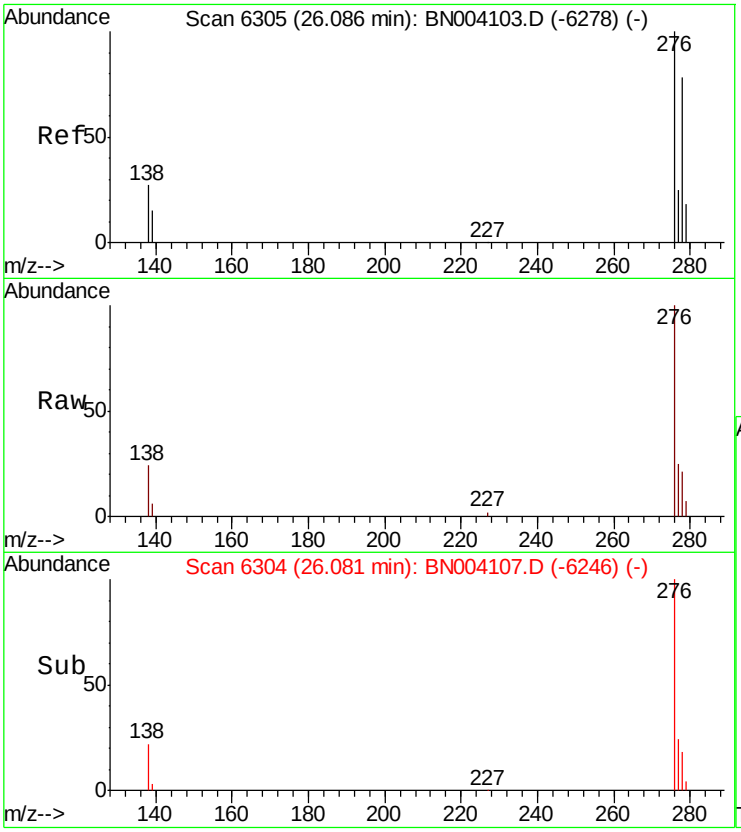


#23
Benzo(a)pyrene
Concen: 0.497 ng/ul
RT: 23.62 min Scan# 5509
Delta R.T. 0.00 min
Lab File: BN004107.D
Acq: 19 Dec 2018 11:25

Tgt Ion:252 Resp: 20492

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.0	28.4
125	14.6	10.2	15.4





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng/ul
RT: 26.08 min Scan# 6304
Delta R.T. -0.00 min
Lab File: BN004107.D
Acq: 19 Dec 2018 11:25

Tgt Ion:276 Resp: 18973

Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.3	30.5
227	0.1	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
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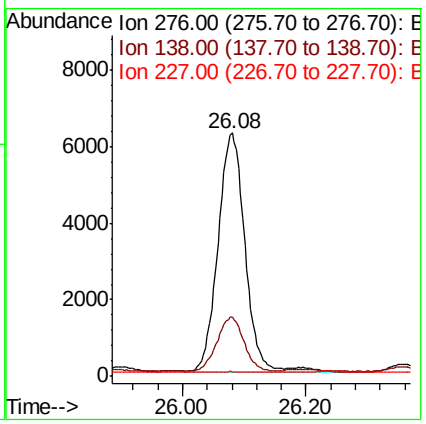
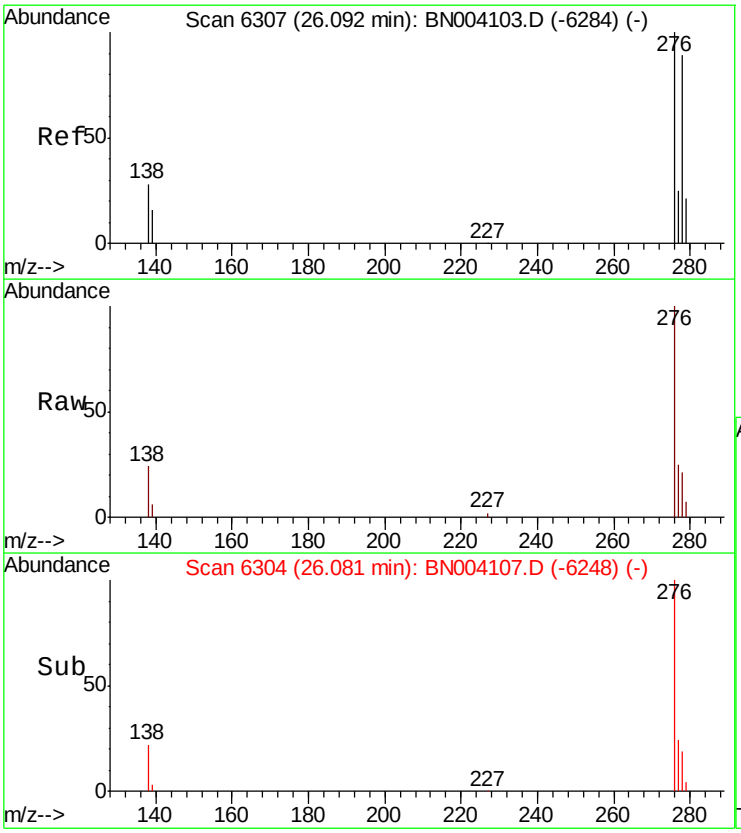
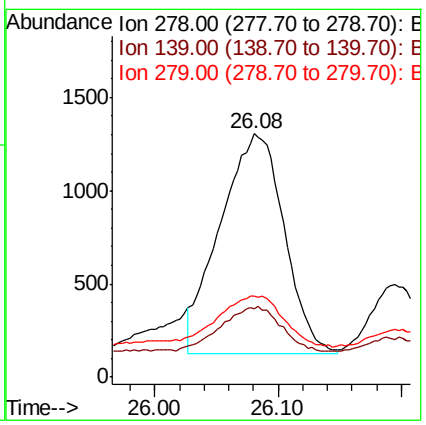


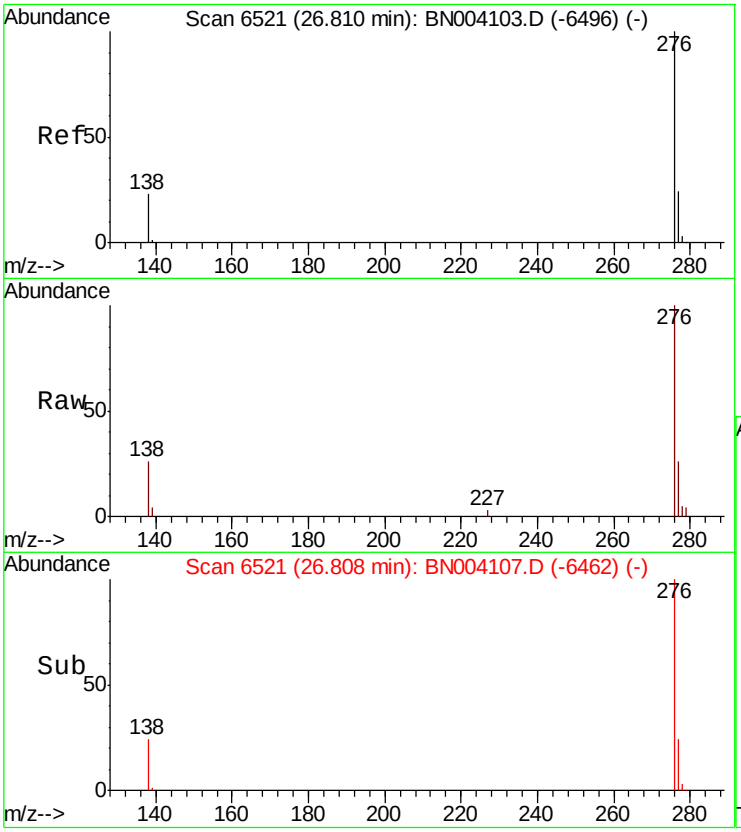


#25
Dibenzo(a,h)anthracene
Concen: 0.112 ng/ul m
RT: 26.08 min Scan# 6304
Delta R.T. -0.01 min
Lab File: BN004107.D
Acq: 19 Dec 2018 11:25

Tgt Ion:278 Resp: 4278

Ion	Ratio	Lower	Upper
278	100		
139	28.2	14.2	21.4#
279	33.2	19.8	29.6#

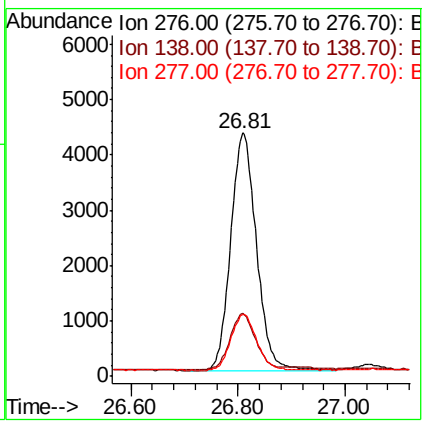




#26
Benzo(g,h,i)perylene
Concen: 0.349 ng/ul
RT: 26.81 min Scan# 6521
Delta R.T. -0.00 min
Lab File: BN004107.D
Acq: 19 Dec 2018 11:25

Tgt Ion:276 Resp: 14335

Ion	Ratio	Lower	Upper
276	100		
138	26.1	17.7	26.5
277	25.6	19.3	28.9



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