Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006157.D
Acq On : 07 Jun 2019 04:39
Operator : JU/SJ
Sample : K3016-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51C6

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Quant Time: Jun 07 06:44:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5929	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	21699	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10915	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	22335m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	19953m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	18033m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	5831	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	12917m	0.22	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	4368	0.072	ng/ul#	93
12) Phenanthrene	17.09	178	13415	0.187	ng/ul	98
13) Anthracene	17.18	178	3217m	0.047	ng/ul	
15) Fluoranthene	19.12	202	33954m	0.429	ng/ul	
17) Pyrene	19.49	202	30256	0.288	ng/ul	96
18) Benzo(a)anthracene	21.25	228	12704m	0.144	ng/ul	
19) Chrysene	21.30	228	17190	0.207	ng/ul	95
21) Benzo(b)fluoranthene	22.83	252	20573m	0.274	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	7983m	0.109	ng/ul	
23) Benzo(a)pyrene	23.40	252	13210	0.189	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.72	276	10068	0.133	ng/ul	98
25) Dibenzo(a,h)anthracene	25.73	278	2901	0.048	ng/ul#	33
26) Benzo(g,h,i)perylene	26.41	276	9461	0.149	ng/ul#	90

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

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Instrument :
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ClientSampleId :
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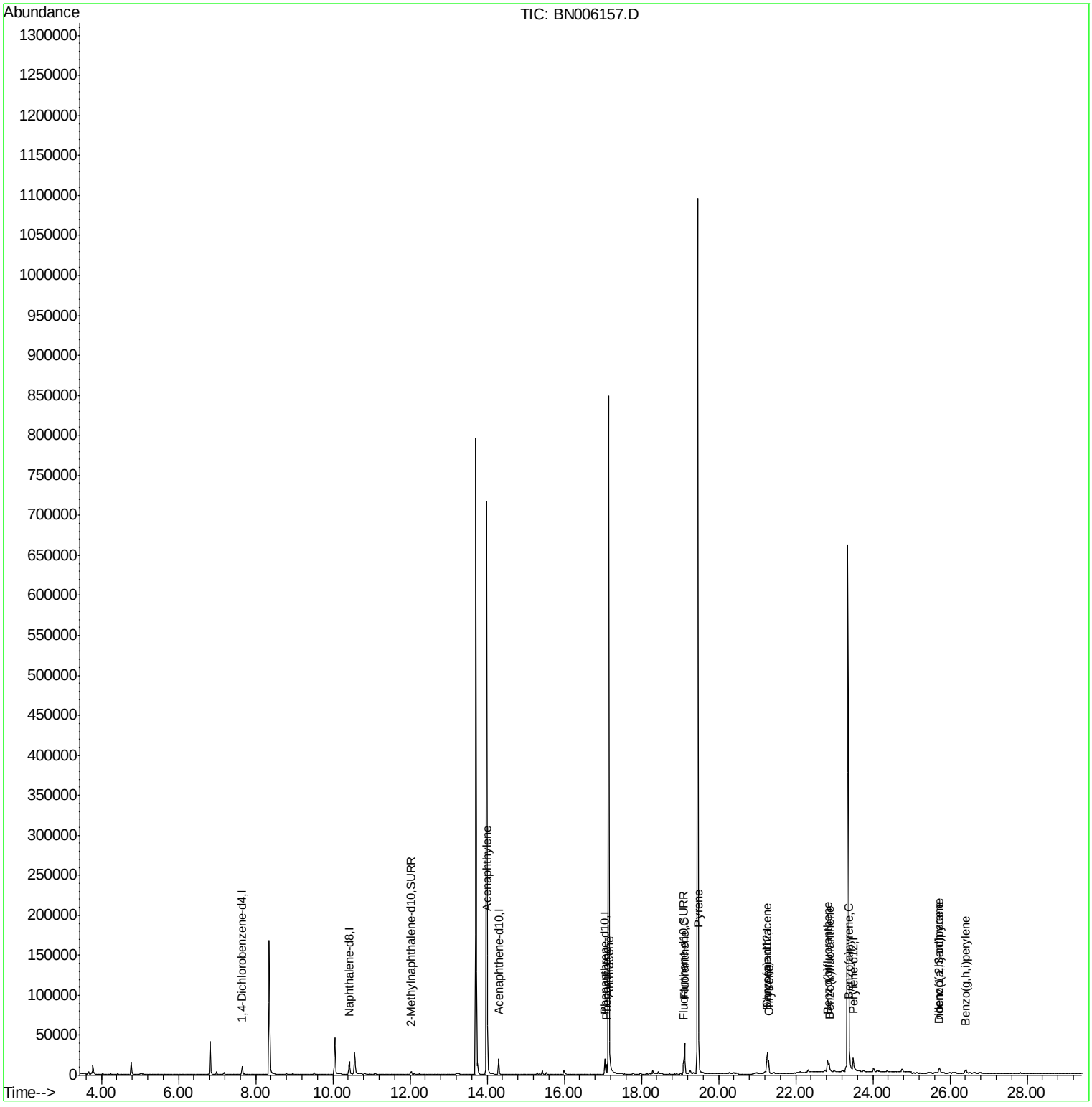
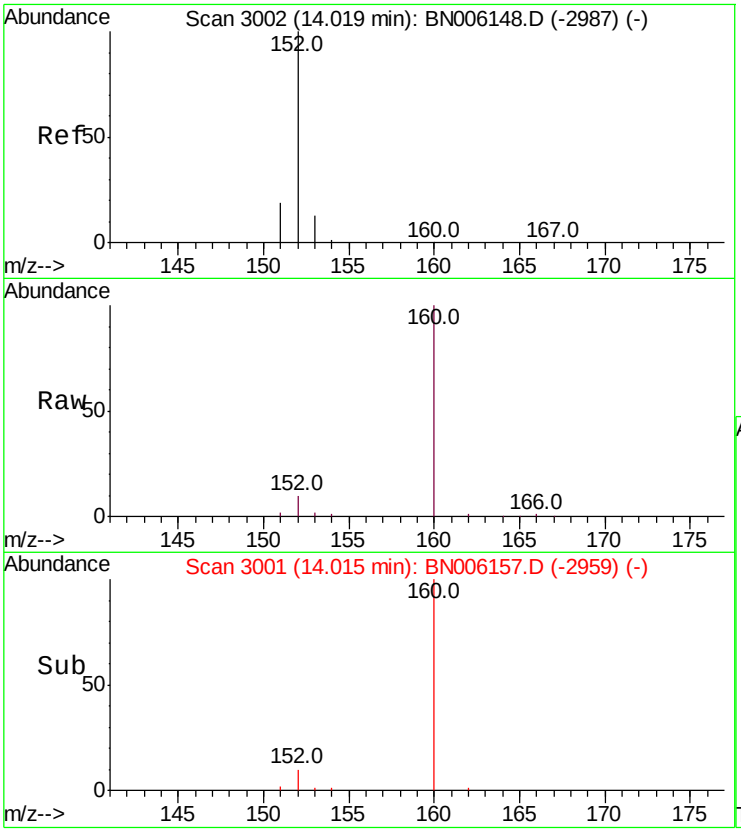
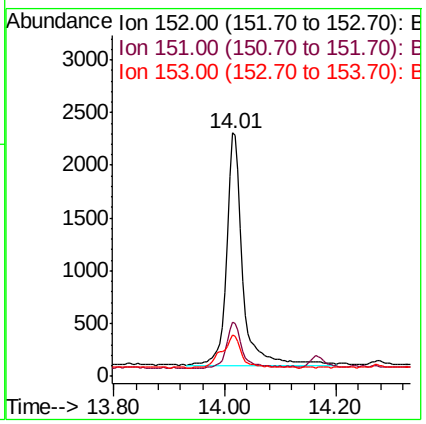




#7
Acenaphthylene
Concen: 0.072 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006157.D
Acq: 07 Jun 2019 04:39

Tgt Ion:152 Resp: 4368

Ion	Ratio	Lower	Upper
152	100		
151	22.4	15.8	23.8
153	16.9	10.8	16.2#



Instrument :
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ClientSampleId :
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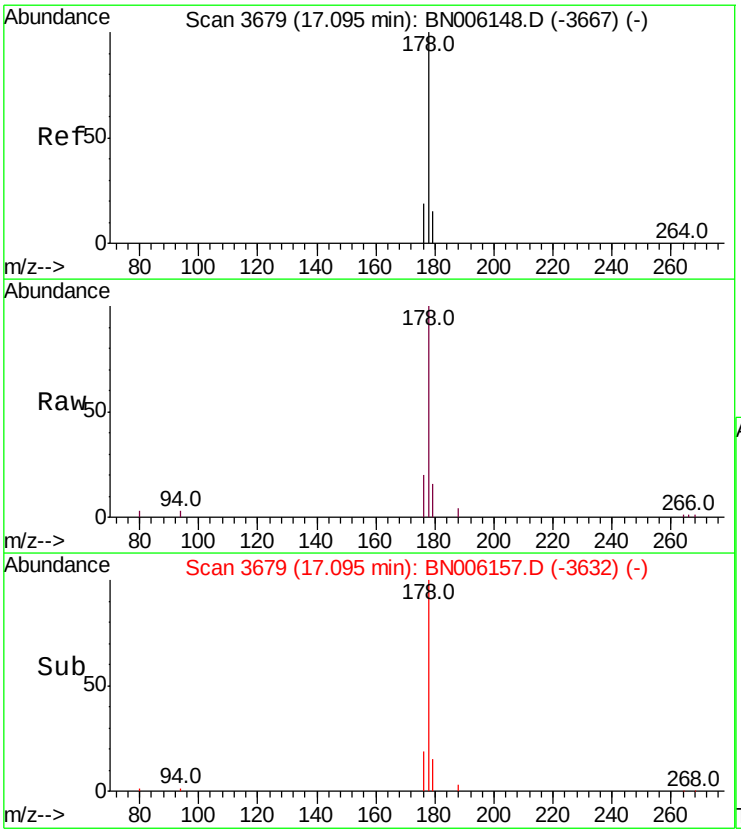
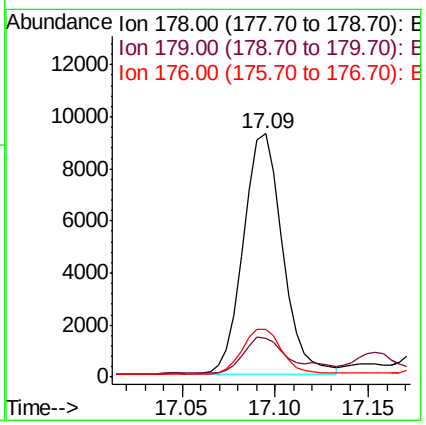
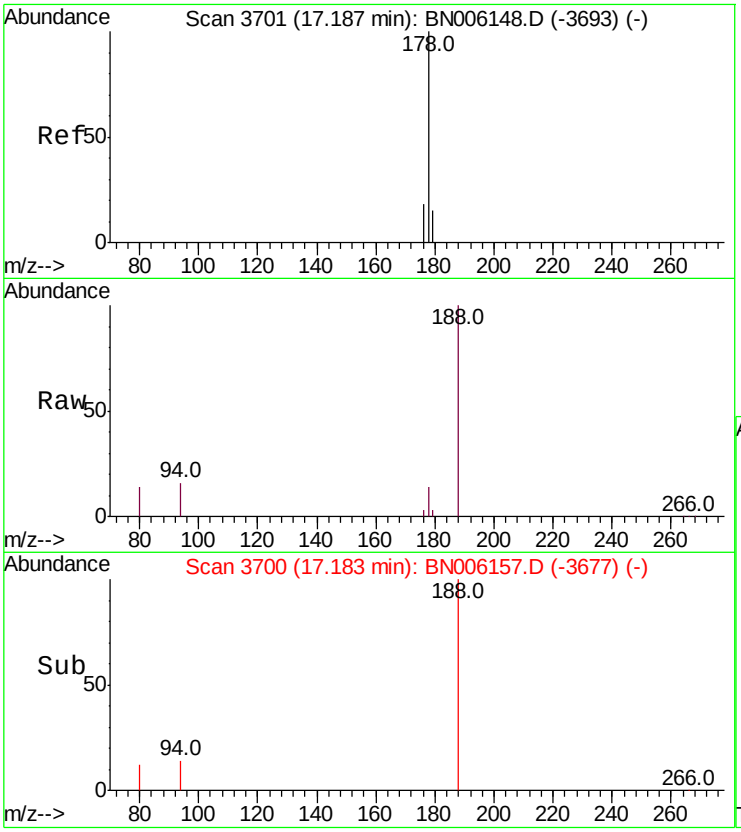


#12
Phenanthrene
Concen: 0.187 ng/ul
RT: 17.09 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BN006157.D
Acq: 07 Jun 2019 04:39

Tgt Ion:178 Resp: 13415

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.7	15.3	22.9

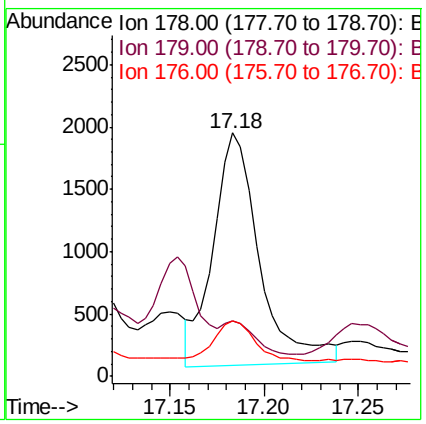




#13
Anthracene
Concen: 0.047 ng/ul m
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006157.D
Acq: 07 Jun 2019 04:39

Tgt Ion:178 Resp: 3217

Ion	Ratio	Lower	Upper
178	100		
179	22.6	12.2	18.4#
176	22.6	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
A51C6

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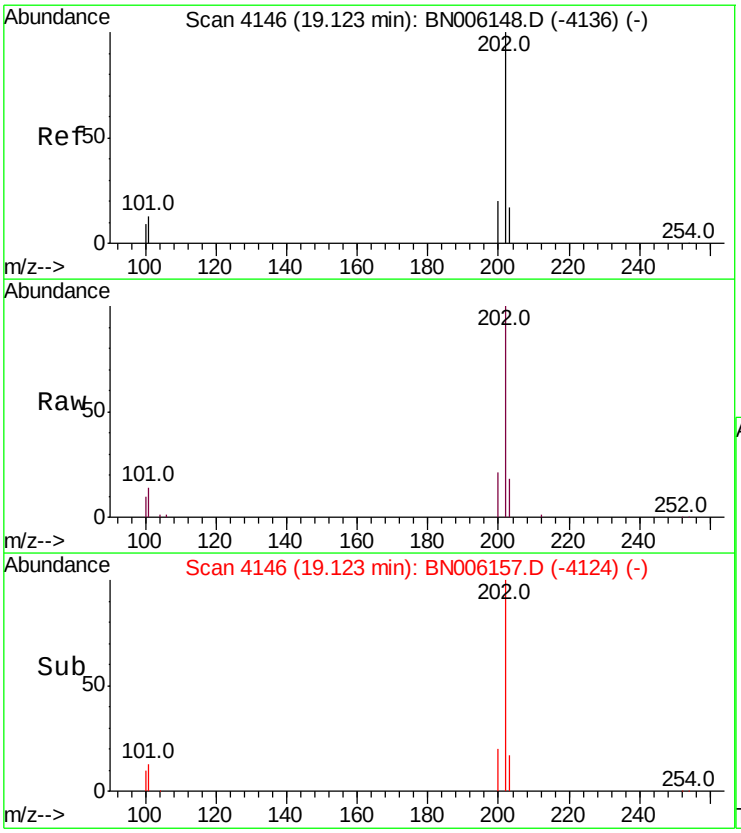
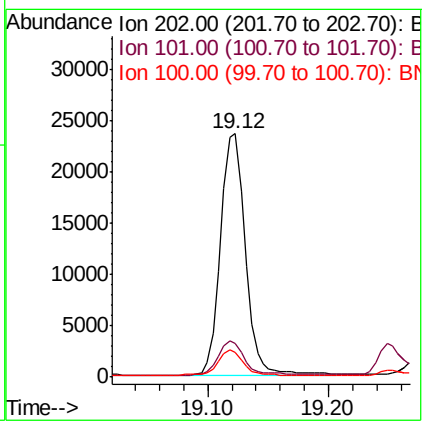
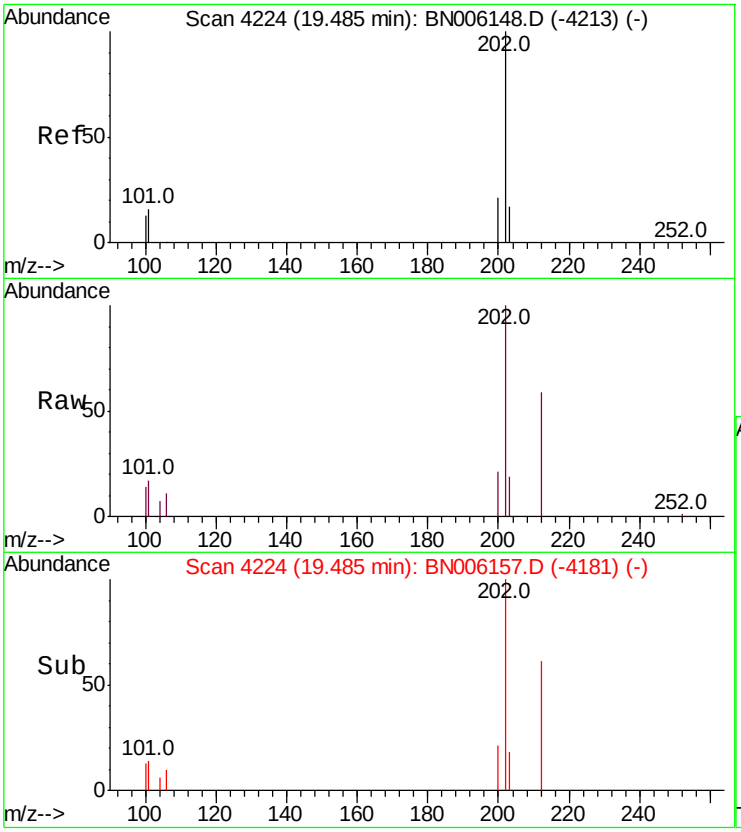


#15
Fluoranthene
Concen: 0.429 ng/ul m
RT: 19.12 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN006157.D
Acq: 07 Jun 2019 04:39

Tgt Ion:202 Resp: 33954

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	32.1
100	10.0	0.0	28.7

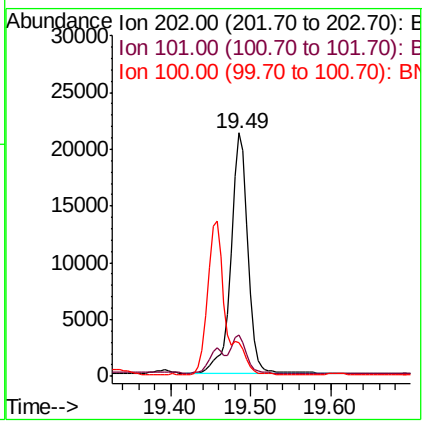




#17
Pyrene
Concen: 0.288 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN006157.D
Acq: 07 Jun 2019 04:39

Tgt Ion:202 Resp: 30256

Ion	Ratio	Lower	Upper
202	100		
101	16.7	12.2	18.2
100	13.7	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
A51C6

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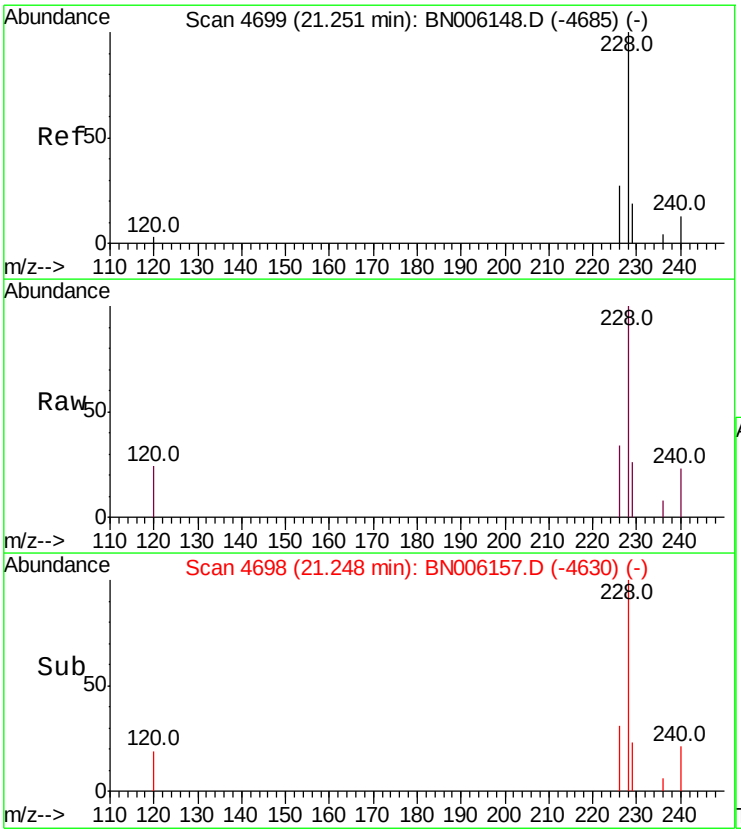
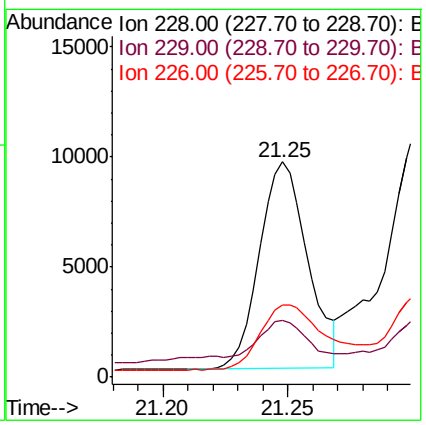
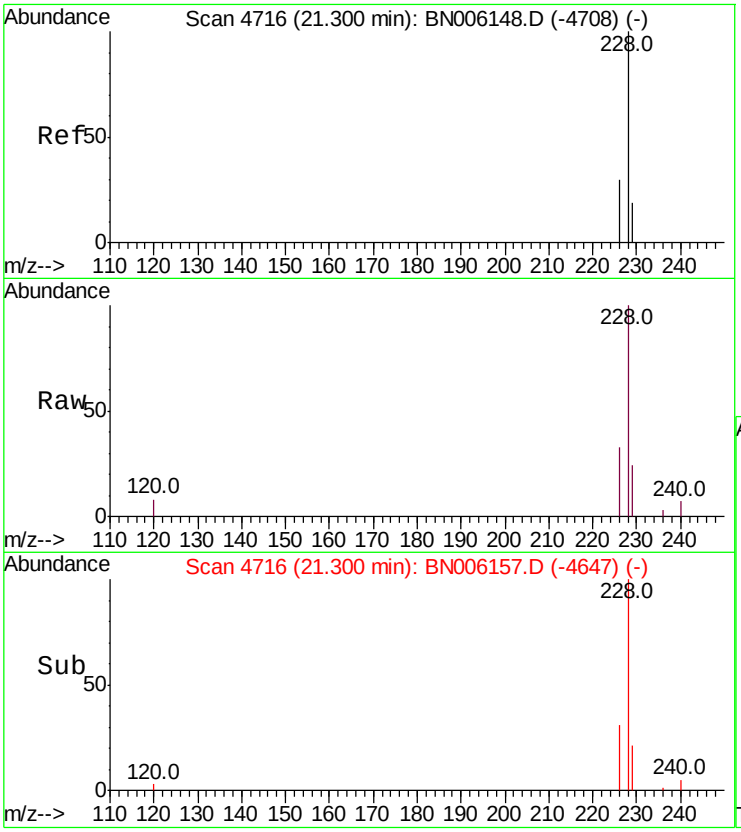


#18
Benzo(a)anthracene
Concen: 0.144 ng/ul m
RT: 21.25 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN006157.D
Acq: 07 Jun 2019 04:39

Tgt Ion:228 Resp: 12704

Ion	Ratio	Lower	Upper
228	100		
229	26.2	16.5	24.7#
226	33.5	22.8	34.2

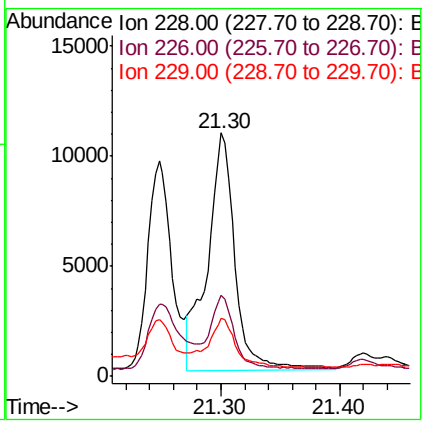




#19
Chrysene
Concen: 0.207 ng/ul
RT: 21.30 min Scan# 4716
Delta R.T. 0.00 min
Lab File: BN006157.D
Acq: 07 Jun 2019 04:39

Tgt Ion:228 Resp: 17190

Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.0	37.6
229	23.9	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
A51C6

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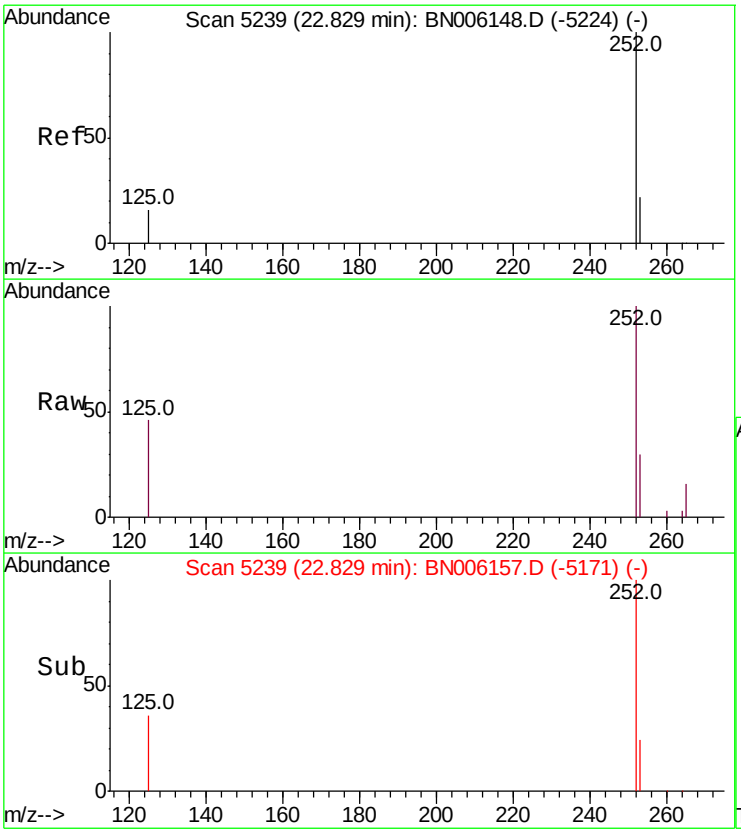
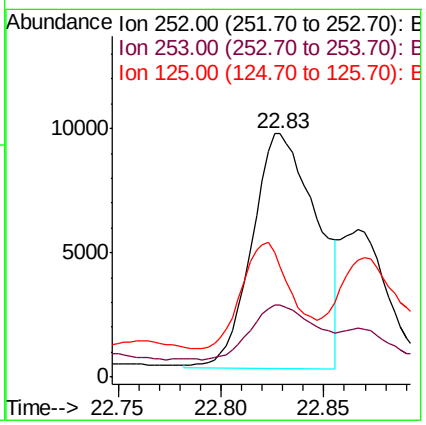
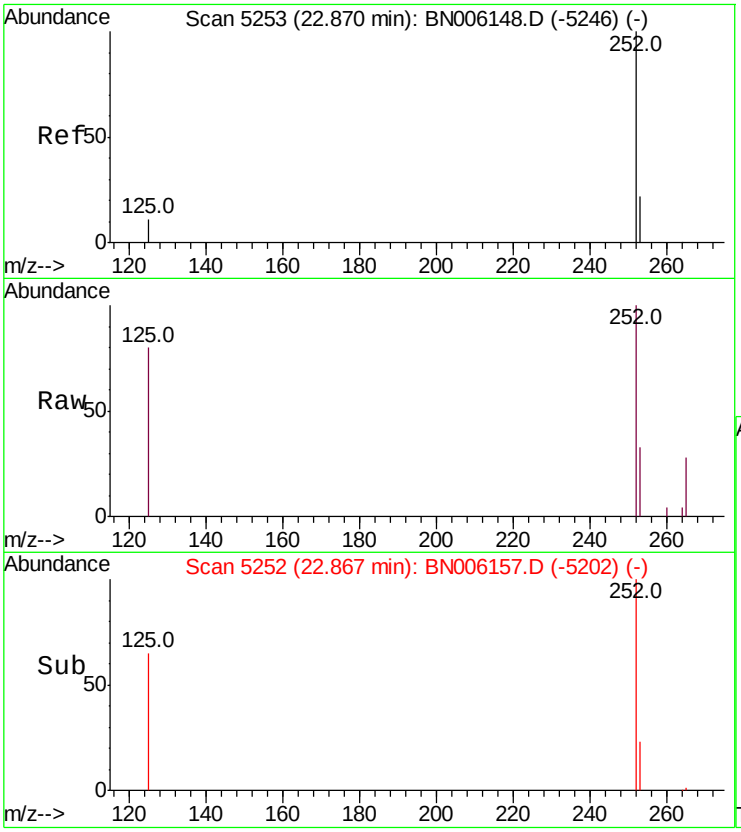


#21
Benzo(b)fluoranthene
Concen: 0.274 ng/ul m
RT: 22.83 min Scan# 5239
Delta R.T. 0.00 min
Lab File: BN006157.D
Acq: 07 Jun 2019 04:39

Tgt Ion:252 Resp: 20573

Ion	Ratio	Lower	Upper
252	100		
253	29.7	0.0	51.4
125	45.6	0.0	41.0#





#22
Benzo(k)fluoranthene
Concen: 0.109 ng/ul m
RT: 22.87 min Scan# 5252
Delta R.T. -0.00 min
Lab File: BN006157.D
Acq: 07 Jun 2019 04:39

Tgt Ion:252 Resp: 7983

Ion	Ratio	Lower	Upper
252	100		
253	33.2	20.3	30.5#
125	79.5	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
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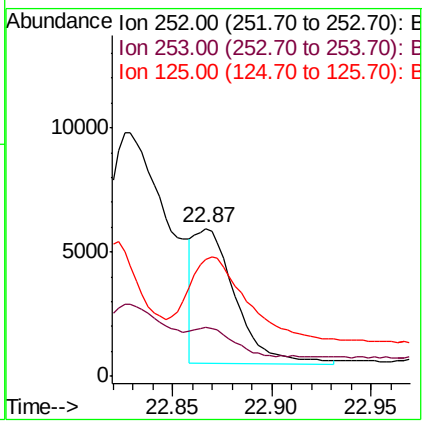
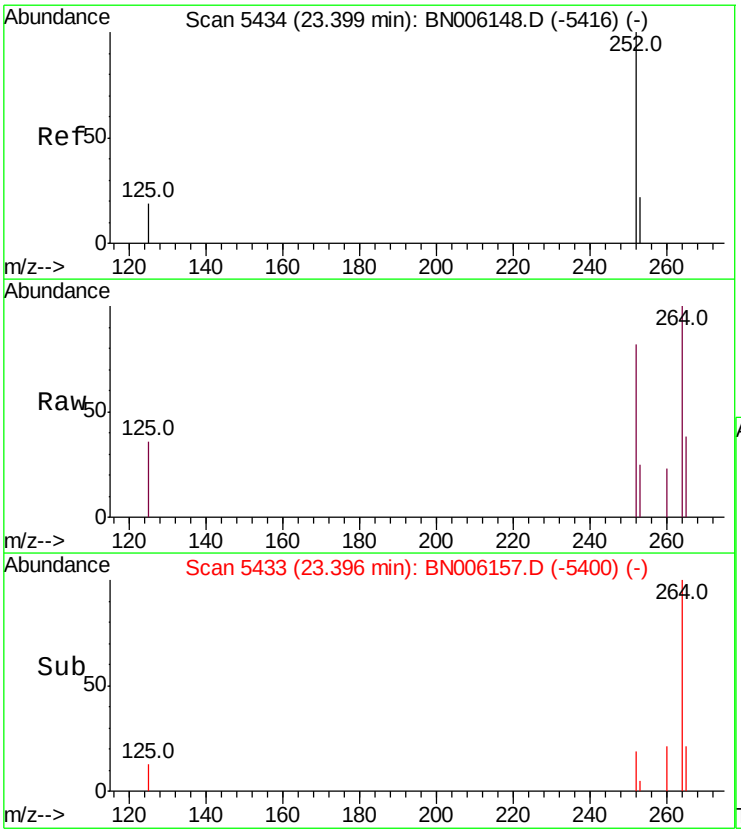
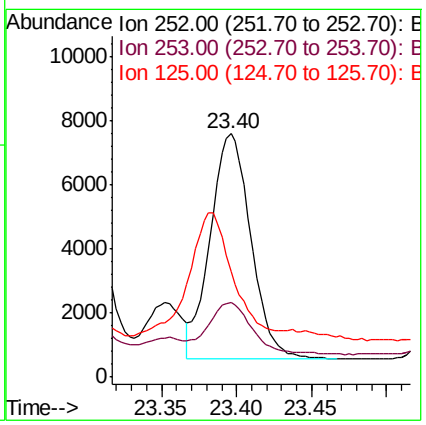


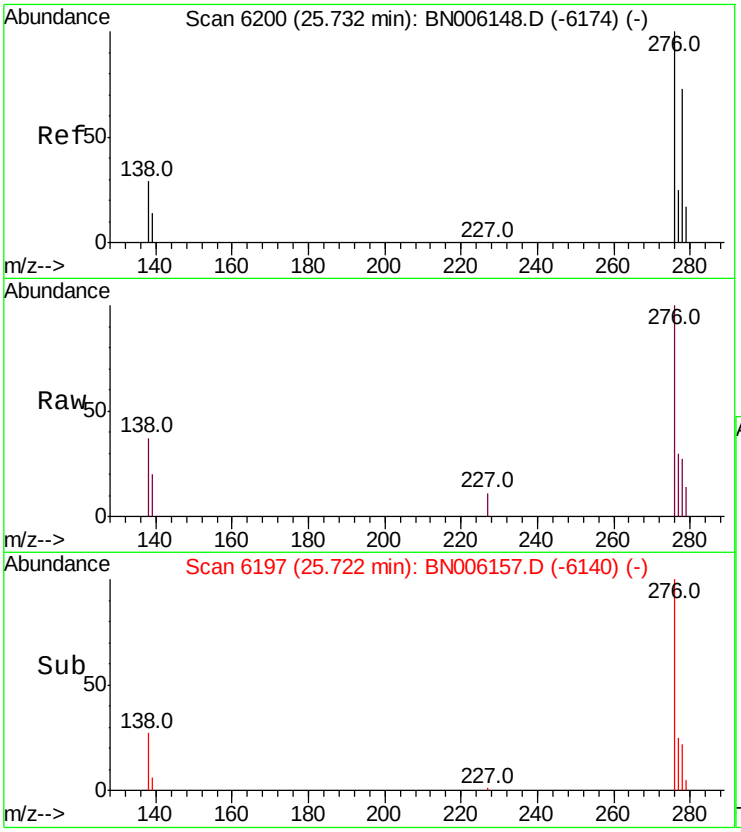


#23
Benzo(a)pyrene
Concen: 0.189 ng/ul
RT: 23.40 min Scan# 5433
Delta R.T. -0.00 min
Lab File: BN006157.D
Acq: 07 Jun 2019 04:39

Tgt Ion:252 Resp: 13210

Ion	Ratio	Lower	Upper
252	100		
253	30.8	21.1	31.7
125	43.3	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.133 ng/ul
RT: 25.72 min Scan# 6197
Delta R.T. -0.01 min
Lab File: BN006157.D
Acq: 07 Jun 2019 04:39

Tgt Ion:276 Resp: 10068

Ion	Ratio	Lower	Upper
276	100		
138	30.7	25.6	38.4
227	0.4	0.3	0.5

Instrument :
BNA_N
ClientSampleId :
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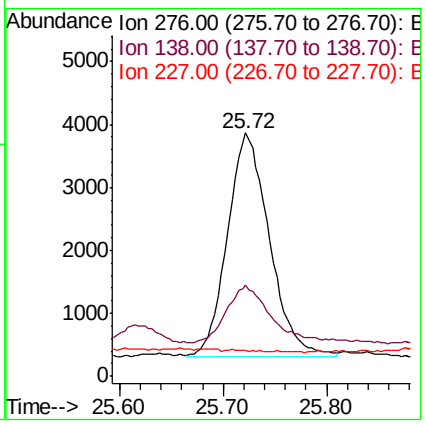
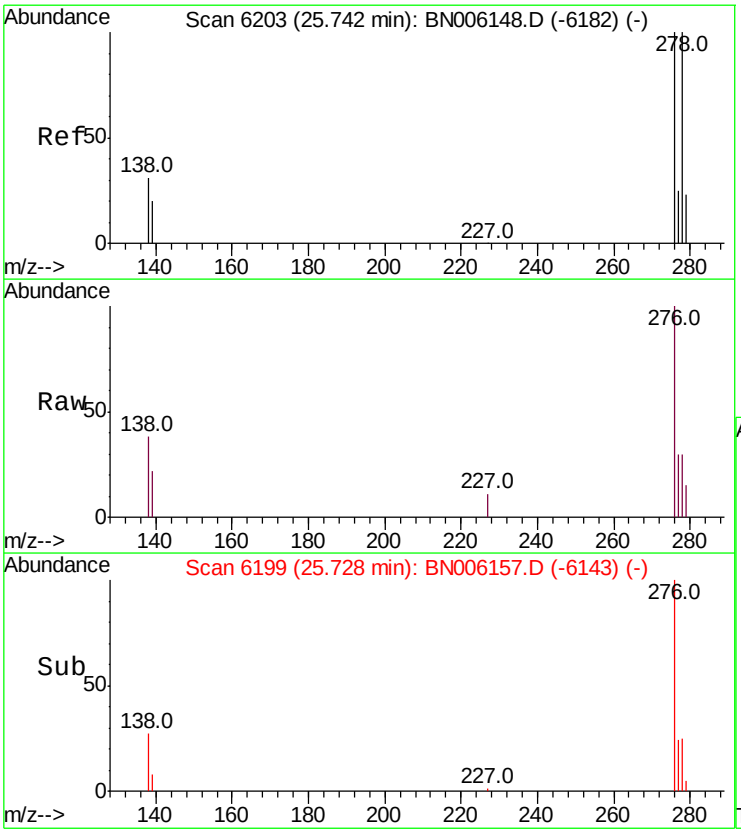
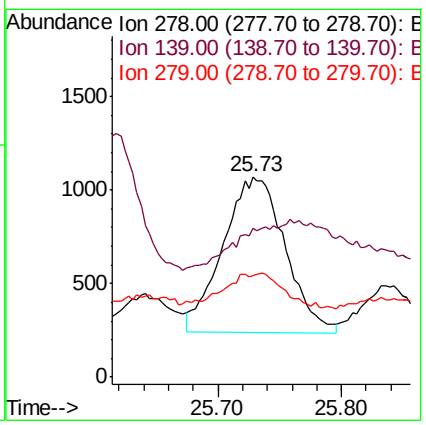


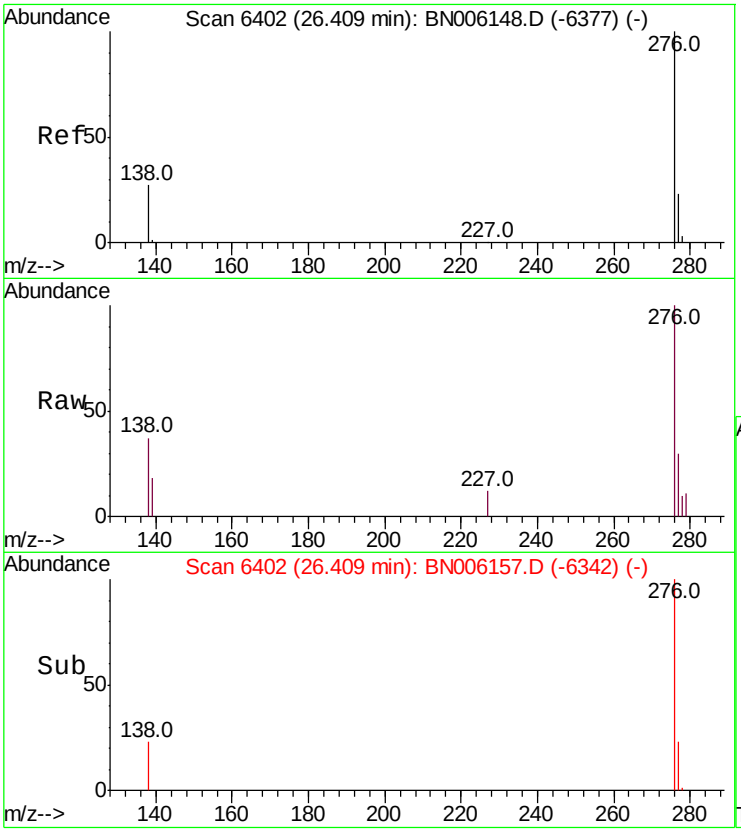


#25
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. -0.01 min
Lab File: BN006157.D
Acq: 07 Jun 2019 04:39

Tgt Ion:278 Resp: 2901

Ion	Ratio	Lower	Upper
278	100		
139	74.0	21.2	31.8#
279	50.6	22.6	33.8#

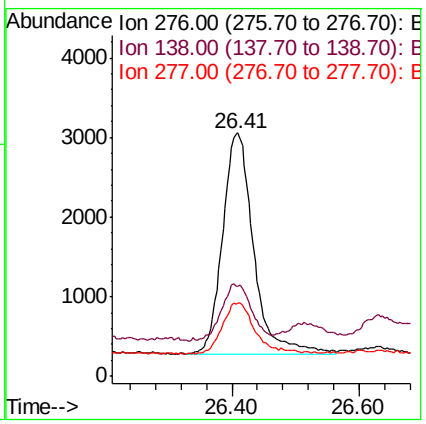




#26
Benzo(g,h,i)perylene
Concen: 0.149 ng/ul
RT: 26.41 min Scan# 6402
Delta R.T. 0.00 min
Lab File: BN006157.D
Acq: 07 Jun 2019 04:39

Tgt Ion:276 Resp: 9461

Ion	Ratio	Lower	Upper
276	100		
138	37.2	24.2	36.4#
277	30.2	21.5	32.3



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