Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002471.D
Acq On : 23 Aug 2018 18:18
Operator : JU/SJ
Sample : J4421-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA4

Manual Integrations APPROVED
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Quant Time: Aug 23 19:04:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 14:05:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1522	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	6226	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	3447	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	8233m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	8818m	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	8200m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	1629	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	4621m	0.19	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.02	152	2510	0.156	ng/ul	98
12) Phenanthrene	17.09	178	4068m	0.167	ng/ul	
13) Anthracene	17.19	178	1265m	0.060	ng/ul	
15) Fluoranthene	19.12	202	12191m	0.426	ng/ul	
17) Pyrene	19.48	202	23041	0.766	ng/ul	96
18) Benzo(a)anthracene	21.24	228	10219m	0.388	ng/ul	
19) Chrysene	21.29	228	12178m	0.408	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	12818m	0.435	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	4710m	0.155	ng/ul	
23) Benzo(a)pyrene	23.37	252	11982m	0.433	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.70	276	5633m	0.195	ng/ul	
25) Dibenzo(a,h)anthracene	25.70	278	1587m	0.070	ng/ul	
26) Benzo(g,h,i)perylene	26.37	276	7727m	0.313	ng/ul	

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

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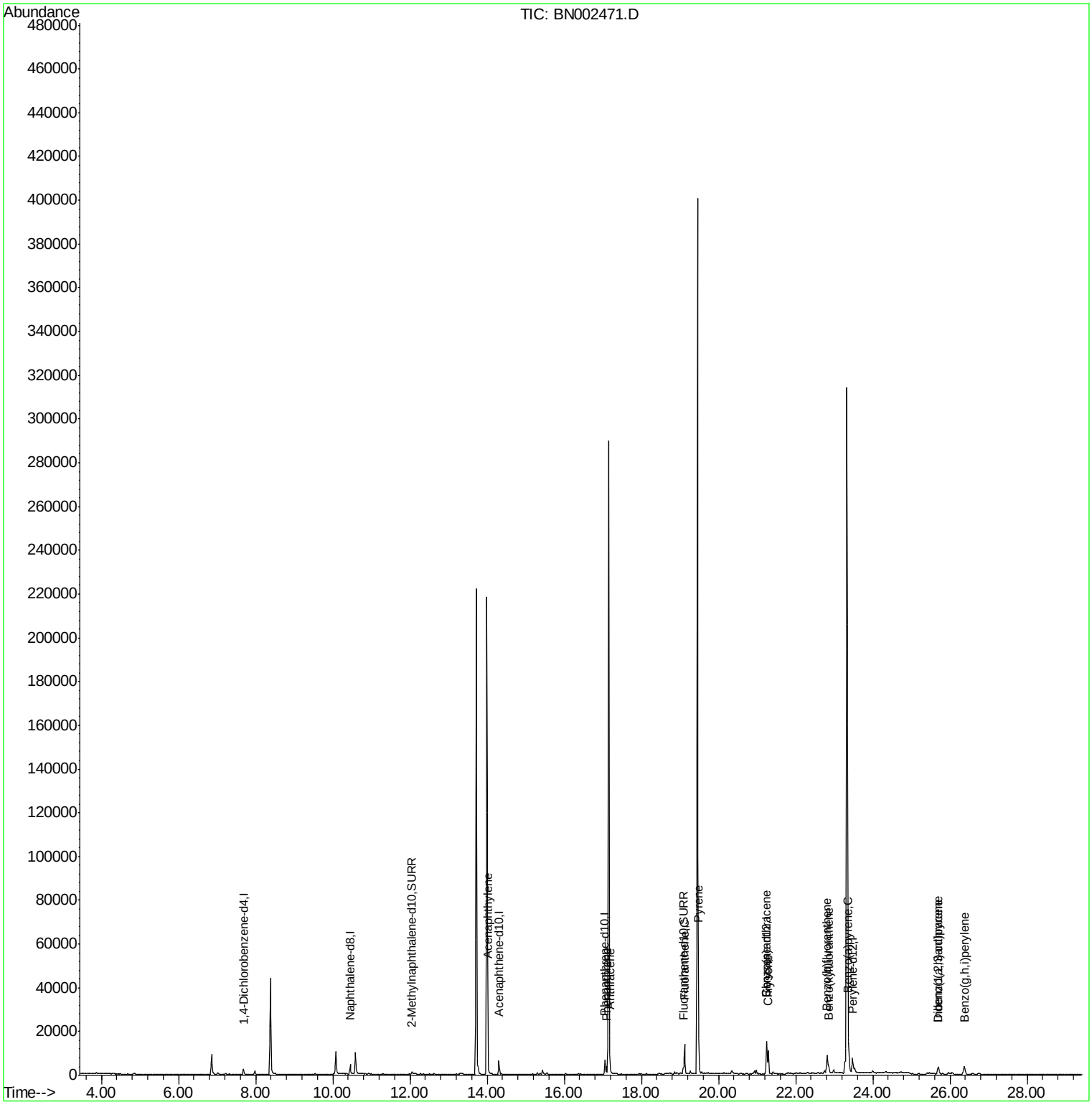
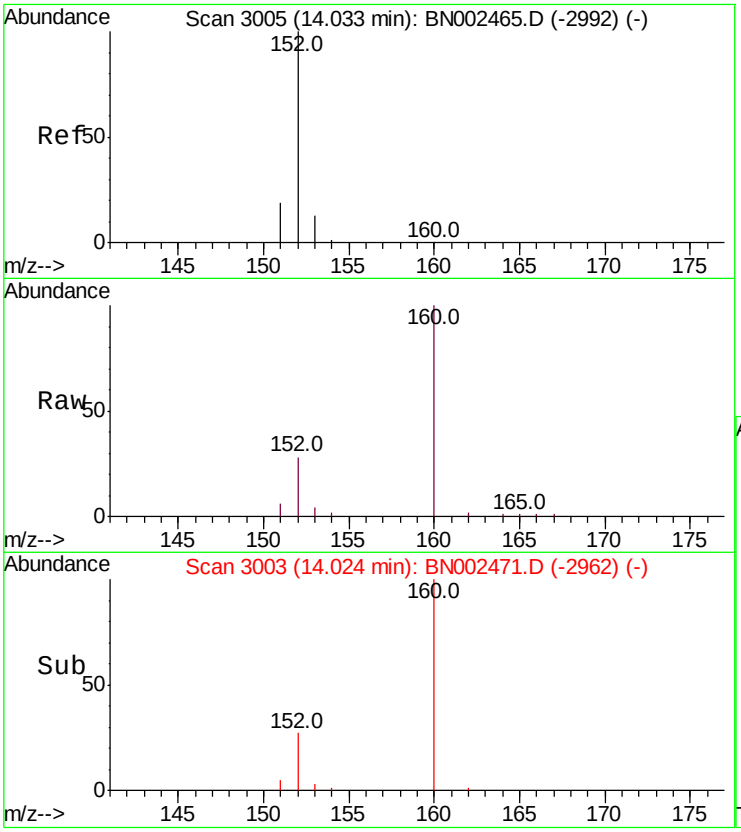
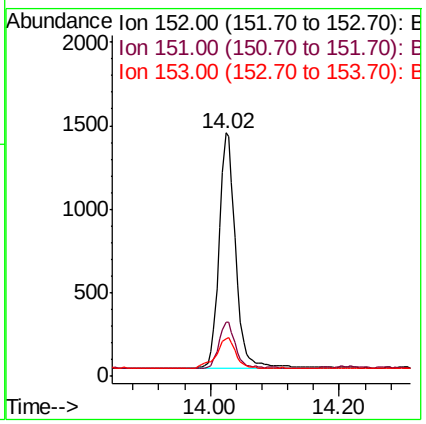




#7
Acenaphthylene
Concen: 0.156 ng/ul
RT: 14.02 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:152 Resp: 2510

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.1	25.7
153	15.5	12.8	19.2



Instrument :
BNA_N
ClientSampleId :
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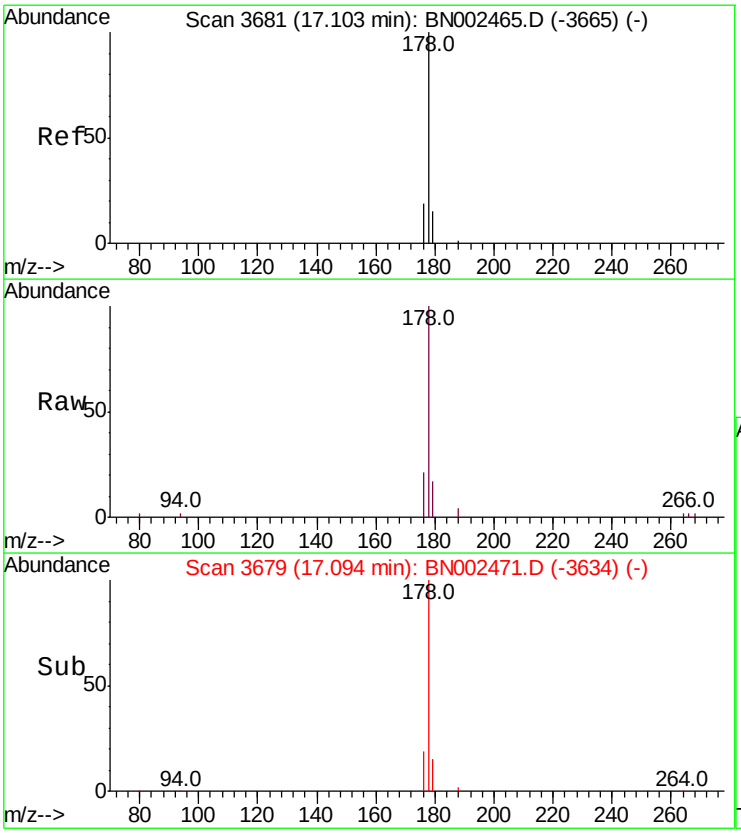
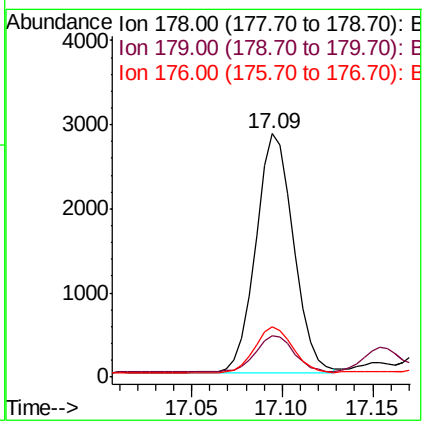
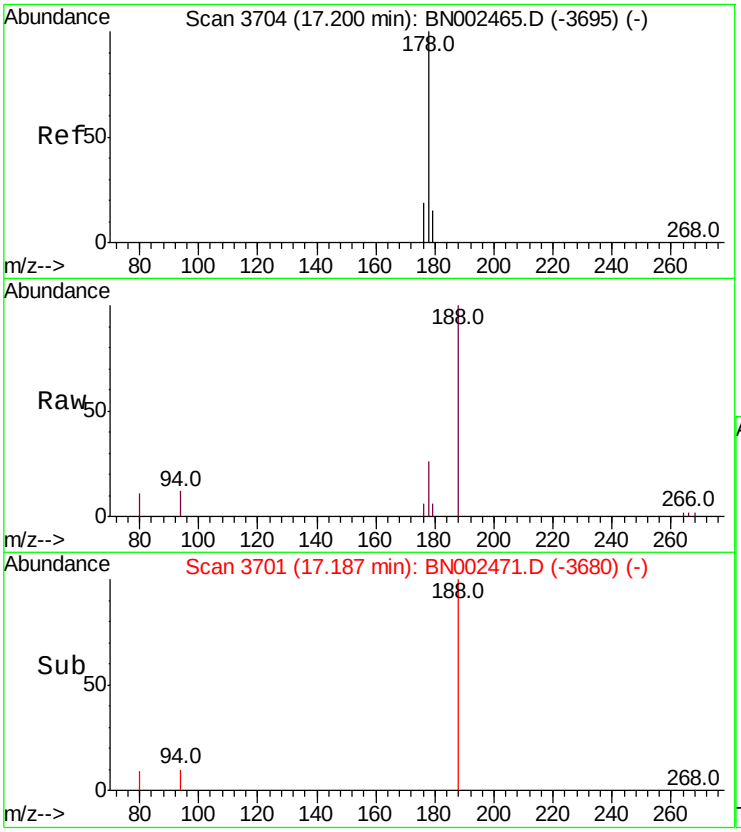


#12
Phenanthrene
Concen: 0.167 ng/ul m
RT: 17.09 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:178 Resp: 4068

Ion	Ratio	Lower	Upper
178	100		
179	17.2	18.4	27.6#
176	20.8	13.6	20.4#





#13
Anthracene
Concen: 0.060 ng/ul m
RT: 17.19 min Scan# 3701
Delta R.T. -0.01 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:178 Resp: 1265

Ion	Ratio	Lower	Upper
178	100		
179	23.7	18.1	27.1
176	24.3	14.7	22.1#

Instrument :
BNA_N
ClientSampleId :
C0AA4

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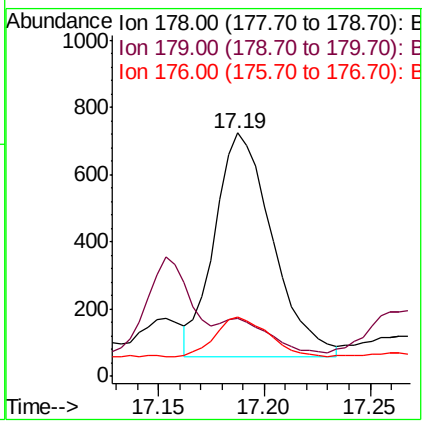
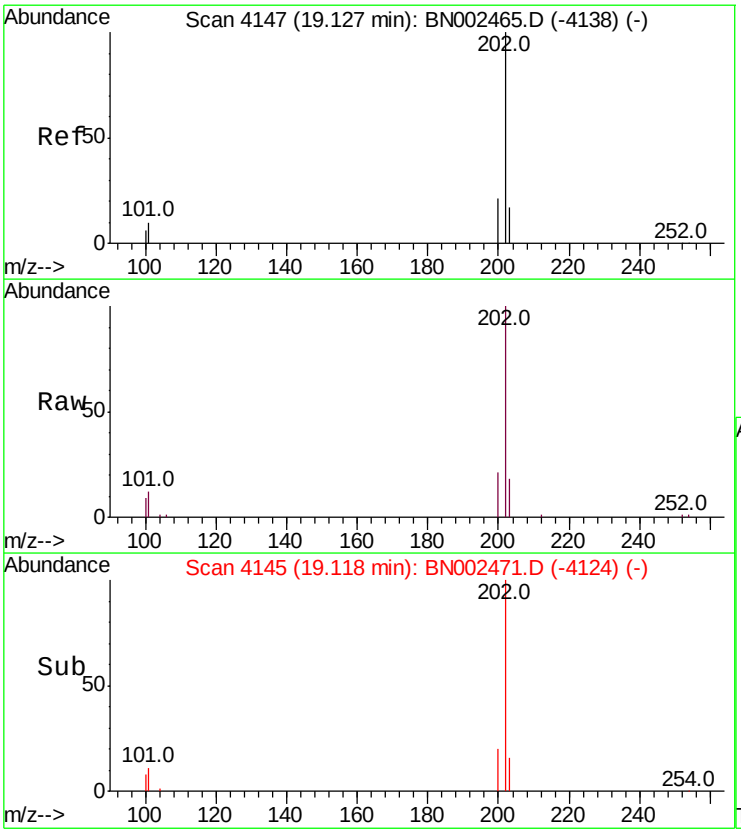
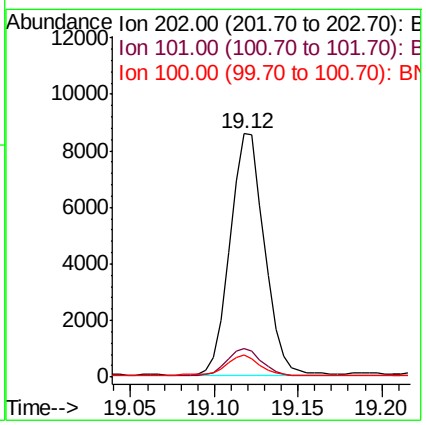


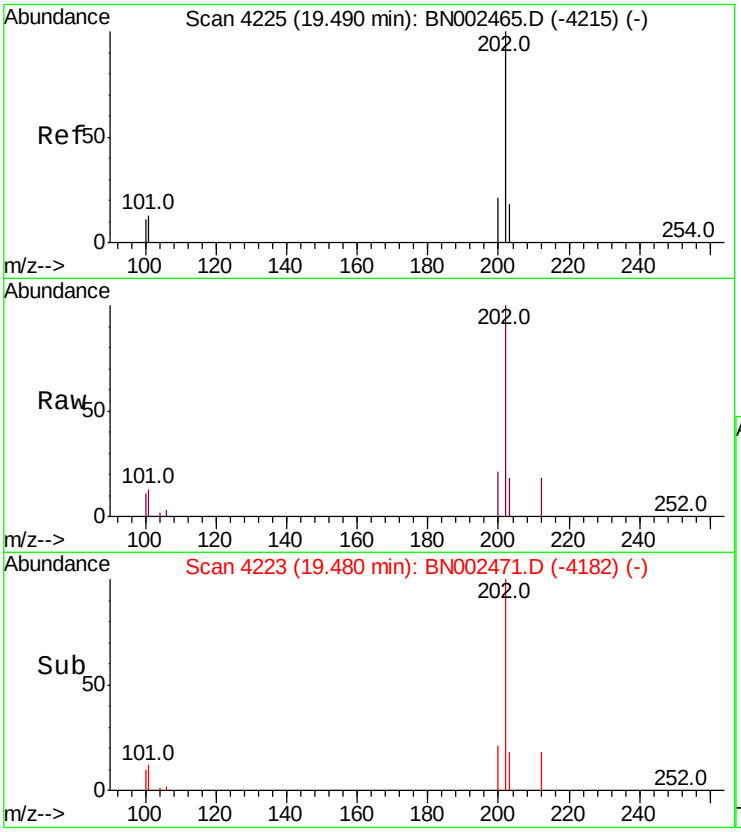


#15
Fluoranthene
Concen: 0.426 ng/ul m
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:202 Resp: 12191

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.0
100	8.9	0.0	30.0





#17
Pyrene
Concen: 0.766 ng/ul
RT: 19.48 min Scan# 4223
Delta R.T. -0.01 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:202 Resp: 23041

Ion	Ratio	Lower	Upper
202	100		
101	12.8	12.0	18.0
100	10.6	8.0	12.0

Instrument :
BNA_N
ClientSampleId :
C0AA4

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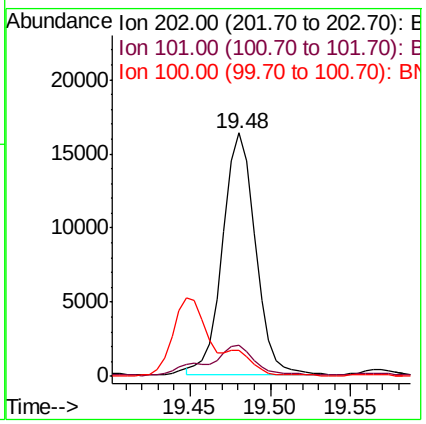
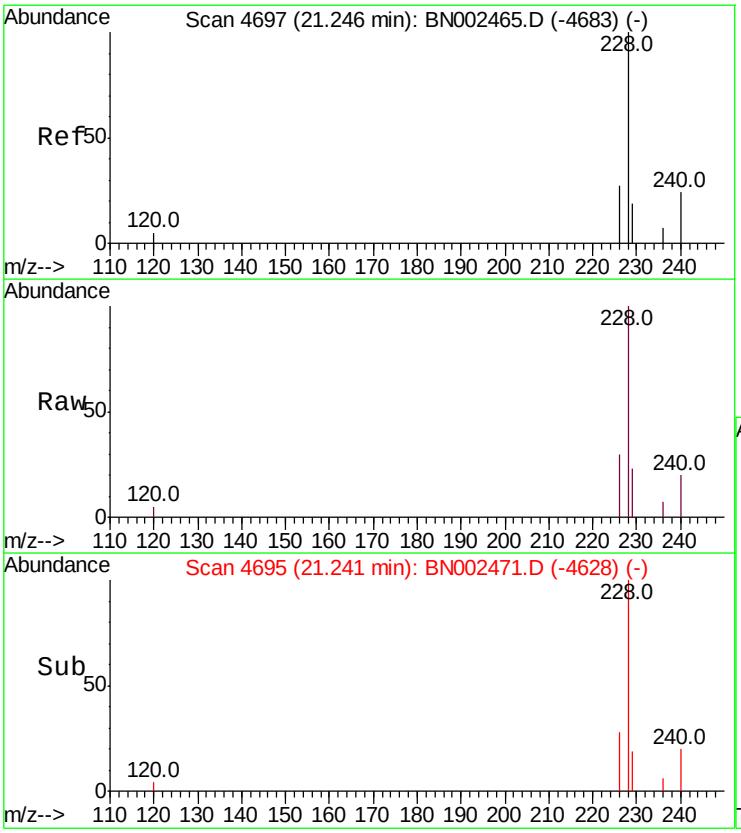
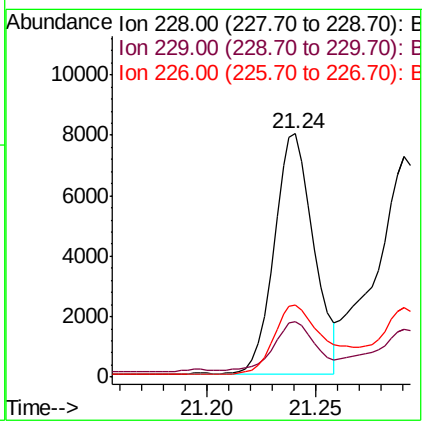


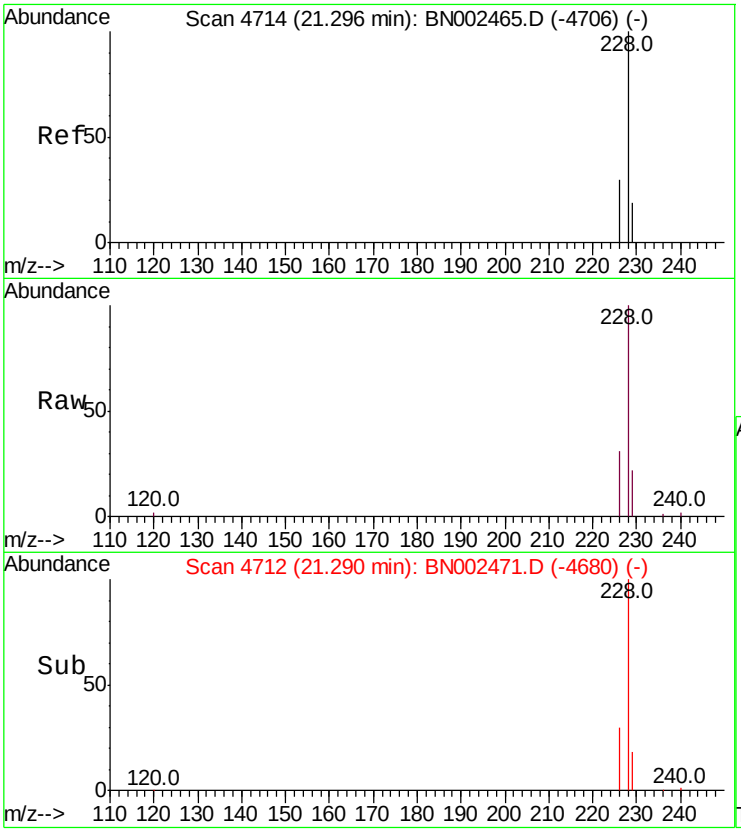


#18
Benzo(a)anthracene
Concen: 0.388 ng/ul m
RT: 21.24 min Scan# 4695
Delta R.T. -0.00 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:228 Resp: 10219

Ion	Ratio	Lower	Upper
228	100		
229	22.6	22.8	34.2#
226	29.6	17.0	25.6#

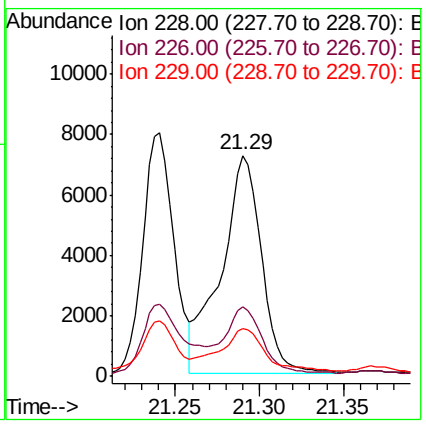




#19
Chrysene
Concen: 0.408 ng/ul m
RT: 21.29 min Scan# 4712
Delta R.T. -0.01 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:228 Resp: 12178

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.0
229	21.6	17.7	26.5



Instrument :
BNA_N
ClientSampleId :
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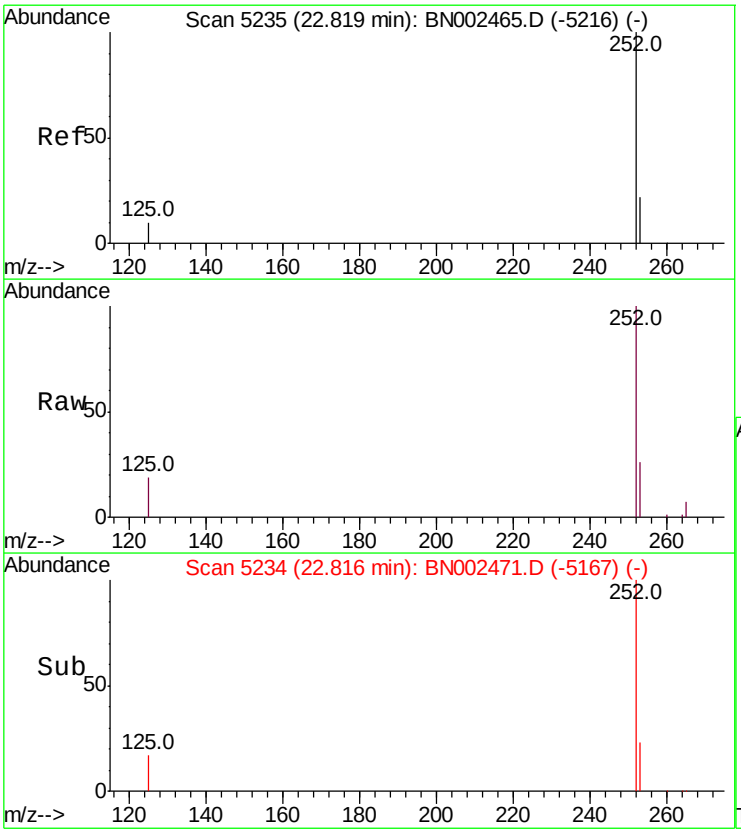
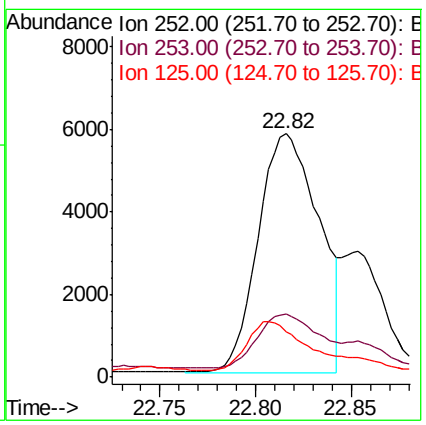
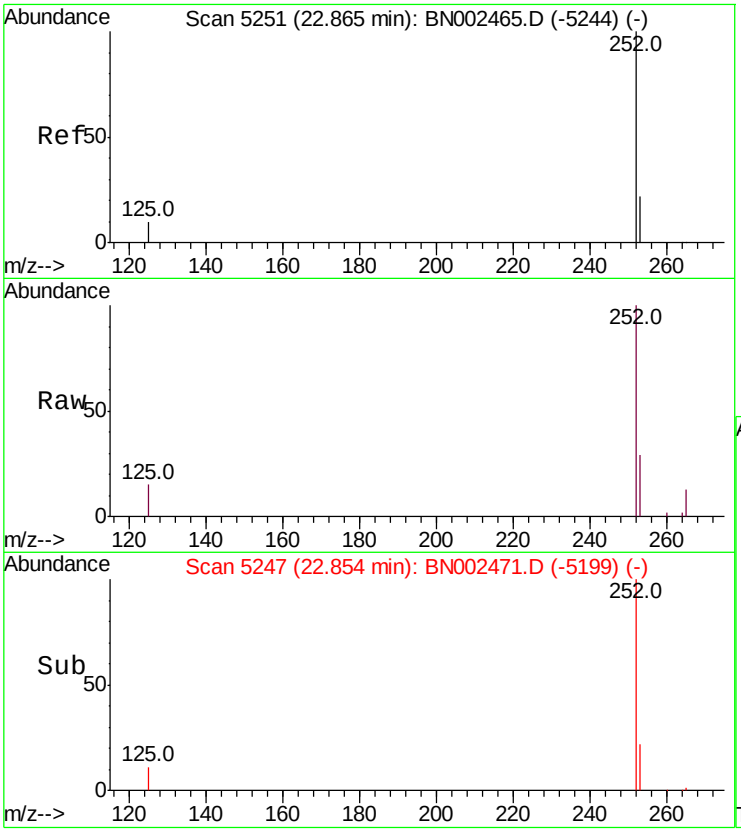


#21
Benzo(b)fluoranthene
Concen: 0.435 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.00 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:252 Resp: 12818

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	64.2
125	18.8	0.0	35.0

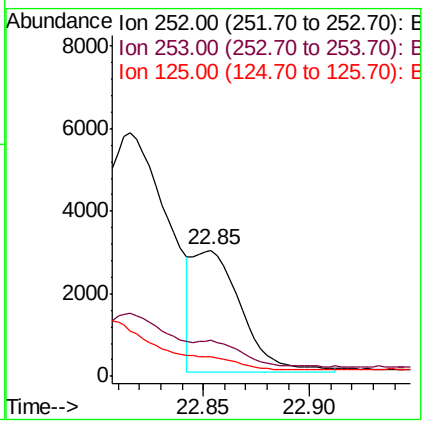




#22
Benzo(k)fluoranthene
Concen: 0.155 ng/ul m
RT: 22.85 min Scan# 5247
Delta R.T. -0.01 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:252 Resp: 4710

Ion	Ratio	Lower	Upper
252	100		
253	28.8	24.5	36.7
125	15.3	13.7	20.5



Instrument :
BNA_N
ClientSampleId :
C0AA4

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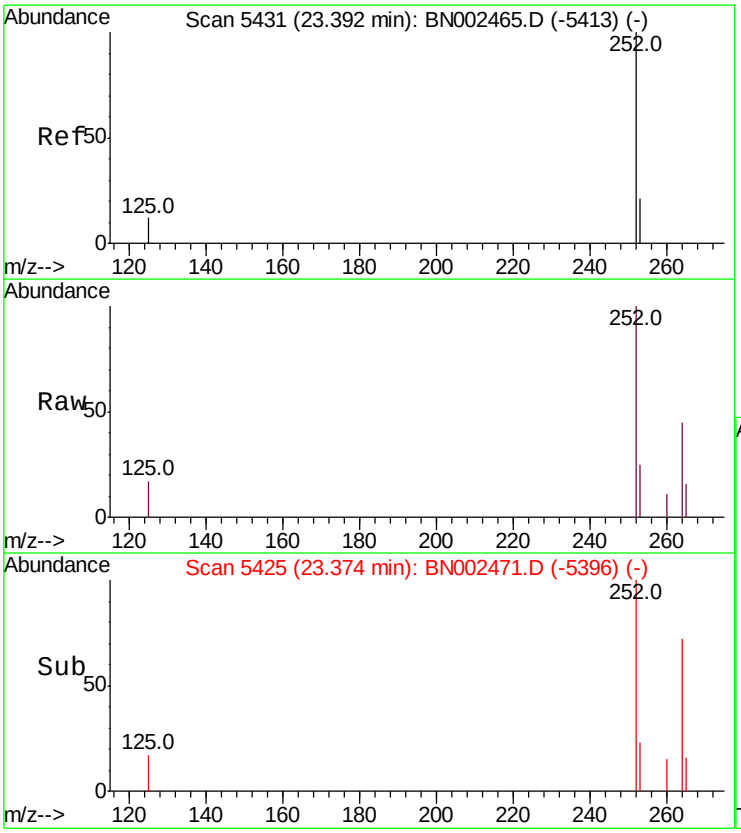
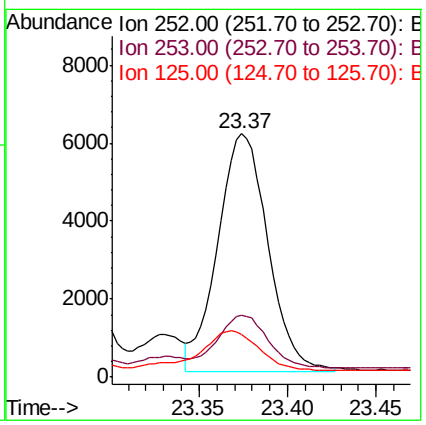
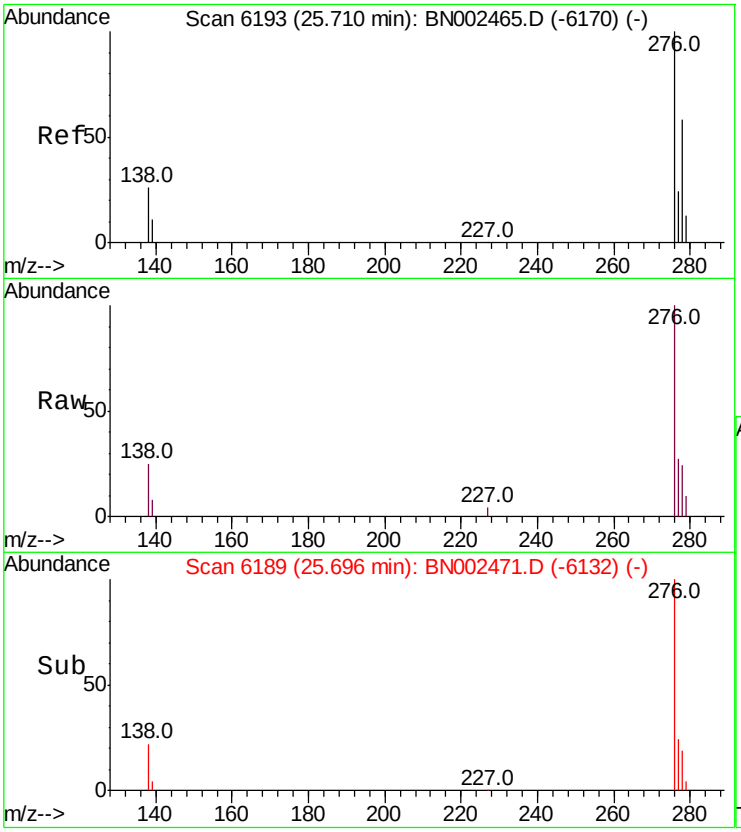


#23
Benzo(a)pyrene
Concen: 0.433 ng/ul m
RT: 23.37 min Scan# 5425
Delta R.T. -0.01 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:252 Resp: 11982

Ion	Ratio	Lower	Upper
252	100		
253	25.5	16.0	24.0#
125	17.3	12.0	18.0





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.195 ng/ul m
RT: 25.70 min Scan# 6189
Delta R.T. -0.01 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:276 Resp: 5633

Ion	Ratio	Lower	Upper
276	100		
138	0.0	28.0	42.0#
227	0.1	0.8	1.2#

Instrument :
BNA_N
ClientSampleId :
C0AA4

Manual Integrations APPROVED
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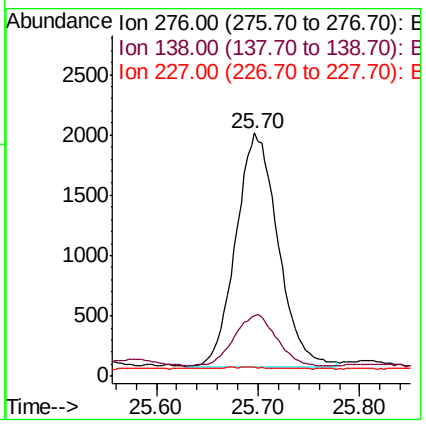
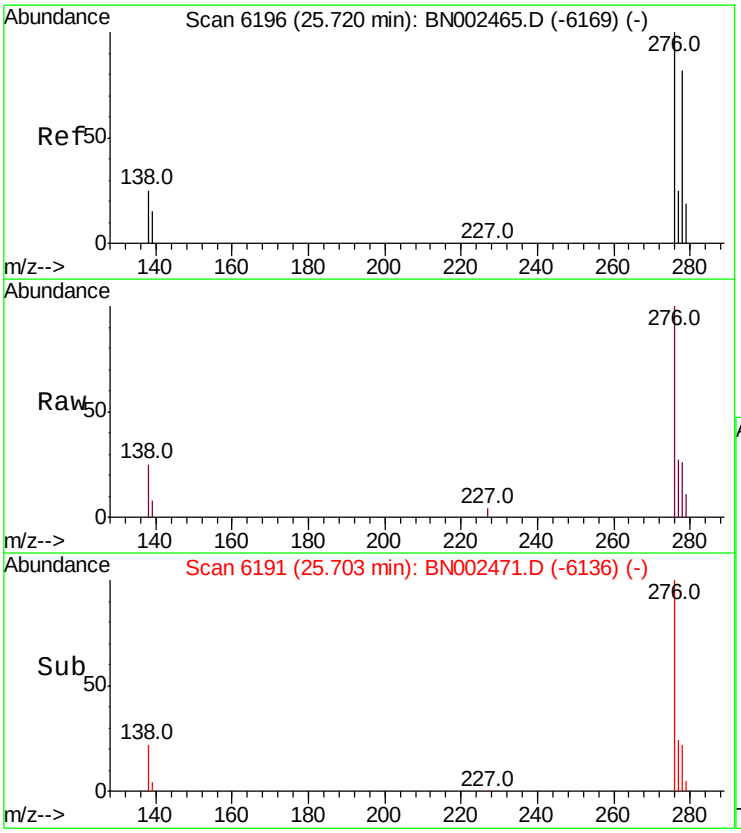
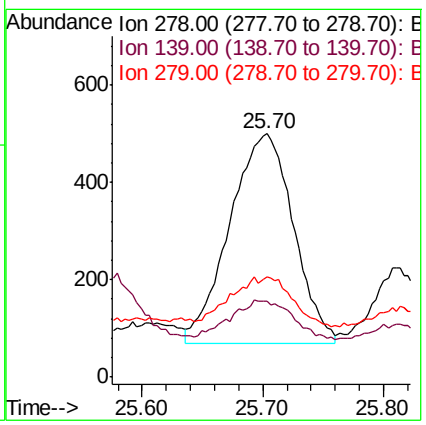


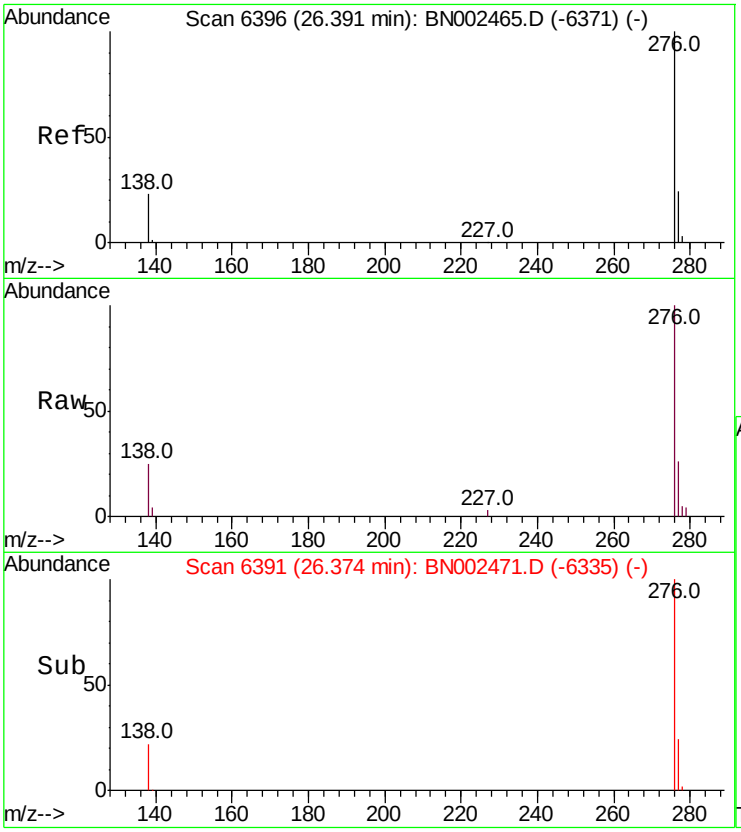


#25
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul m
RT: 25.70 min Scan# 6191
Delta R.T. -0.02 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:278 Resp: 1587

Ion	Ratio	Lower	Upper
278	100		
139	31.4	17.4	26.0#
279	41.4	25.9	38.9#

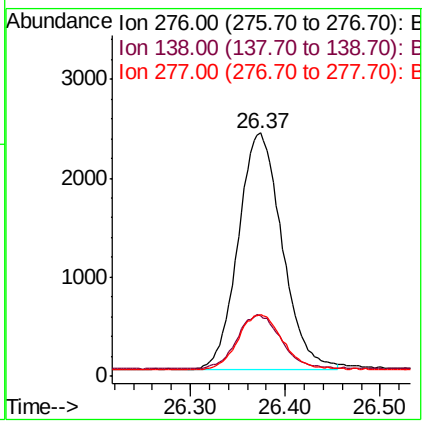




#26
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul m
RT: 26.37 min Scan# 6391
Delta R.T. -0.01 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:276 Resp: 7727

Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.8	32.8
277	25.6	20.5	30.7



Instrument :
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