Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN004014.D
Acq On : 17 Dec 2018 02:27
Operator : JU/SJ
Sample : J6236-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F18

Manual Integrations APPROVED
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Quant Time: Dec 17 07:25:43 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2052	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10375	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6398	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	16027m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	17289m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	14503m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3741	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	11681m	0.25	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.19	152	2142	0.074	ng/ul#	88
12) Phenanthrene	17.26	178	3796	0.072	ng/ul	95
13) Anthracene	17.35	178	1941m	0.045	ng/ul	
15) Fluoranthene	19.27	202	12346m	0.199	ng/ul	
17) Pyrene	19.64	202	14231m	0.230	ng/ul	
18) Benzo(a)anthracene	21.38	228	8984	0.165	ng/ul	94
19) Chrysene	21.43	228	11376m	0.182	ng/ul	
21) Benzo(b)fluoranthene	23.01	252	12670m	0.211	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	4155m	0.071	ng/ul	
23) Benzo(a)pyrene	23.62	252	7984m	0.154	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	5912m	0.099	ng/ul	
25) Dibenzo(a,h)anthracene	26.08	278	1844m	0.038	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	5441m	0.105	ng/ul	

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

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Acq On : 17 Dec 2018 02:27
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 17 07:25:43 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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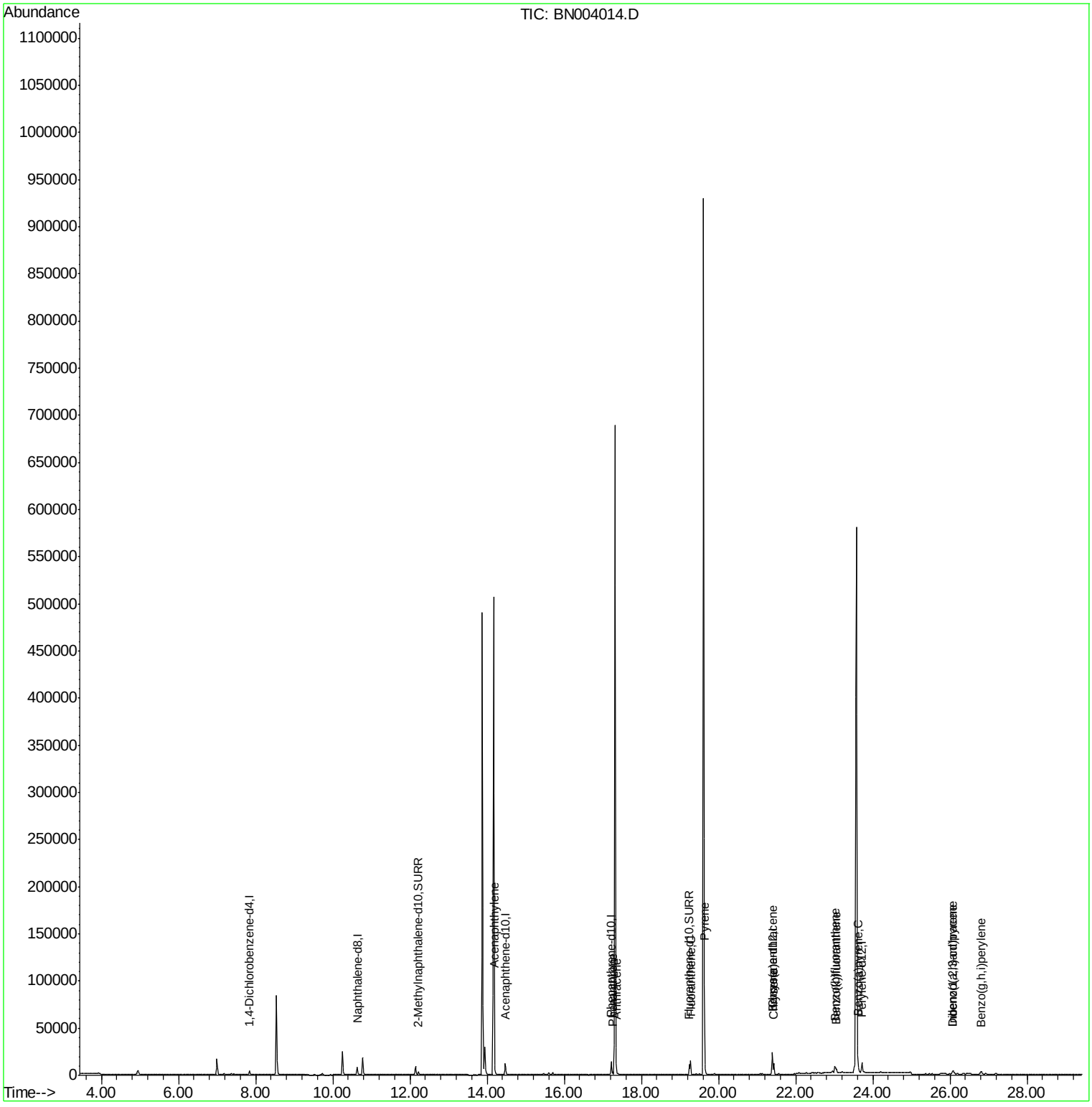
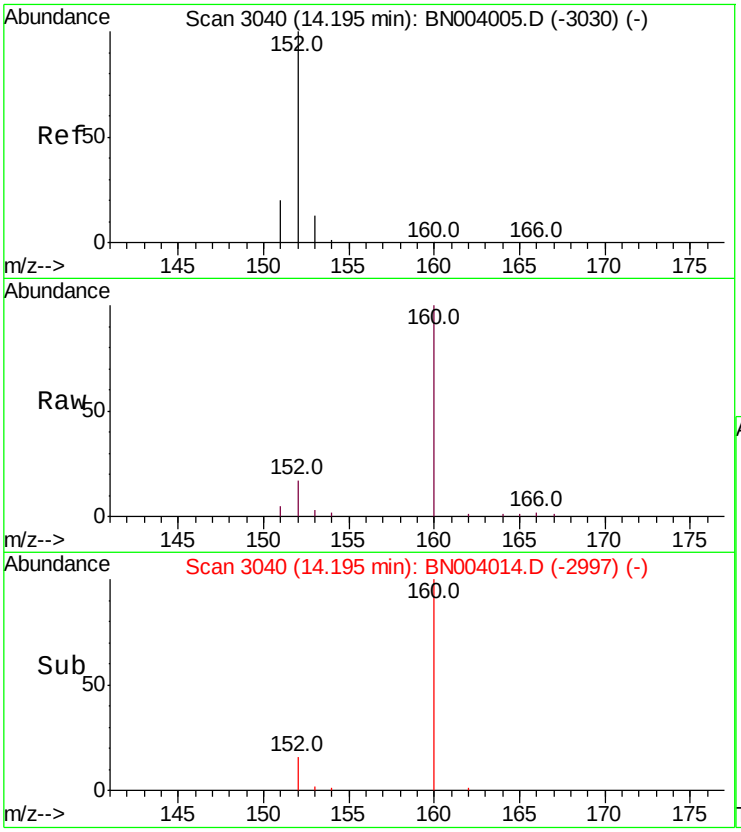
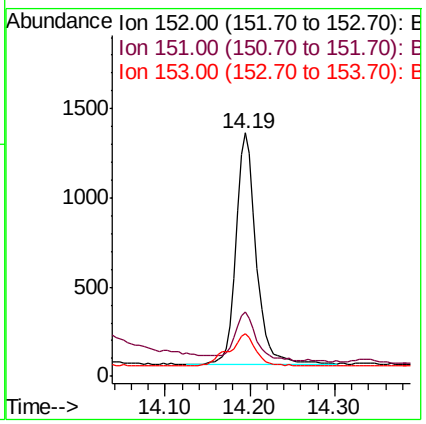




#7
Acenaphthylene
Concen: 0.074 ng/ul
RT: 14.19 min Scan# 3040
Delta R.T. -0.00 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:152 Resp: 2142

Ion	Ratio	Lower	Upper
152	100		
151	26.4	15.9	23.9#
153	17.4	10.7	16.1#



Instrument :
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ClientSampleId :
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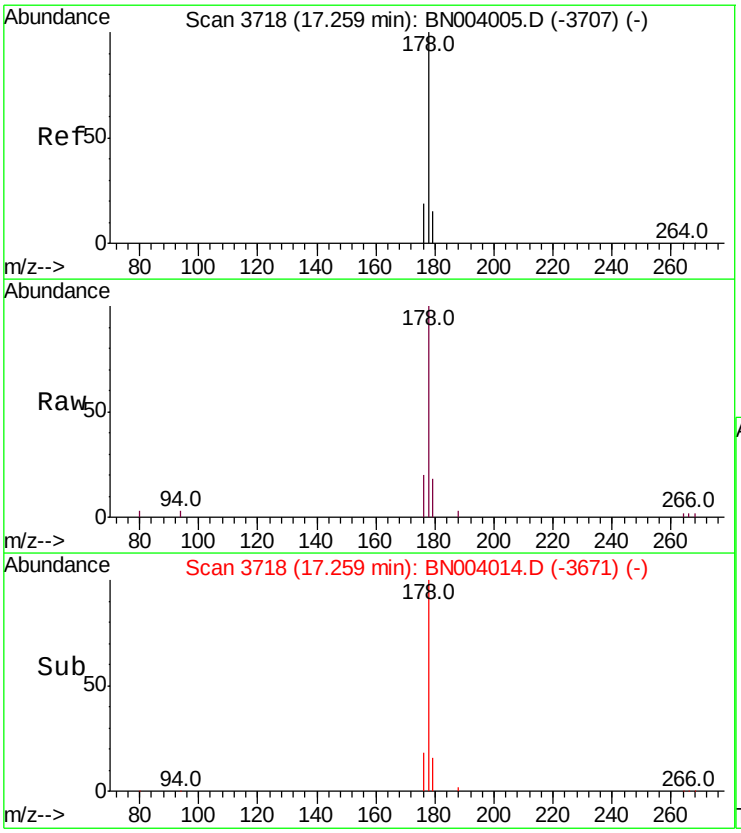
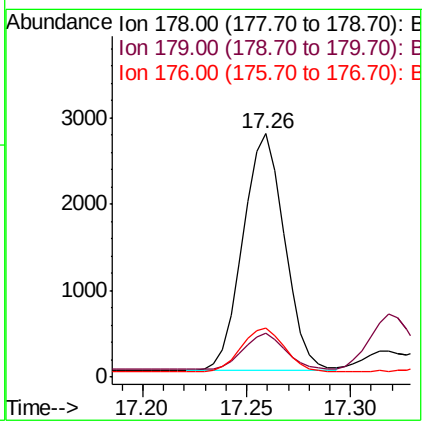
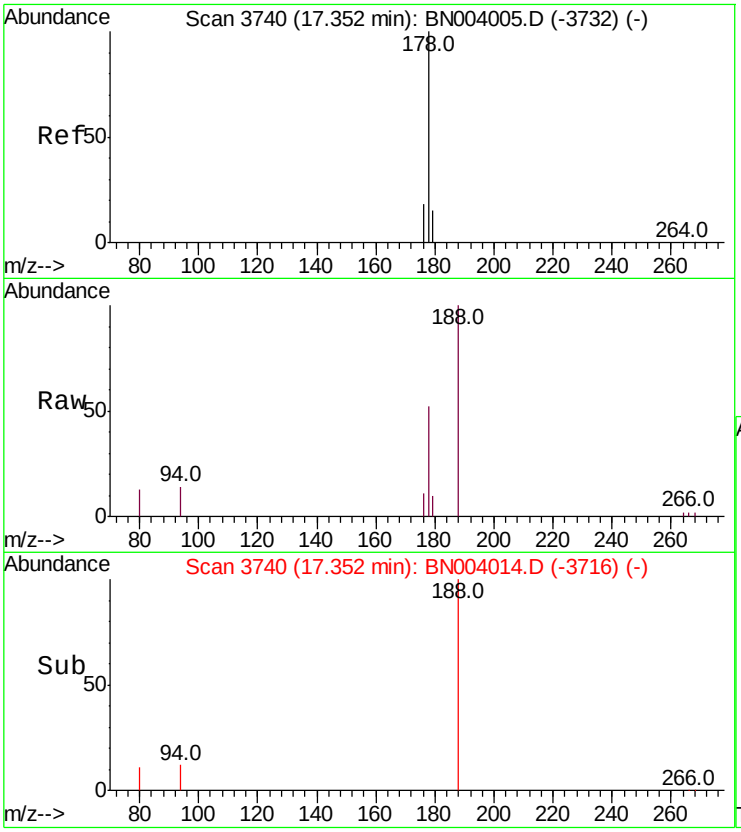


#12
Phenanthrene
Concen: 0.072 ng/ul
RT: 17.26 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:178 Resp: 3796

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.5	18.7
176	20.3	15.0	22.4

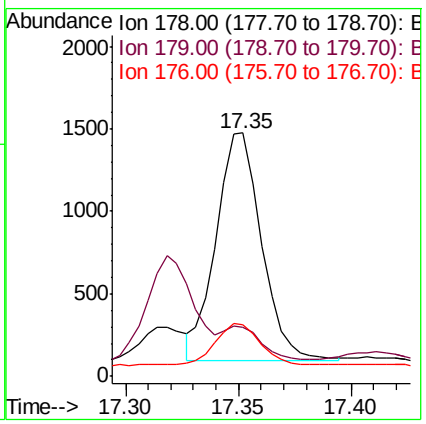




#13
Anthracene
Concen: 0.045 ng/ul m
RT: 17.35 min Scan# 3740
Delta R.T. -0.00 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:178 Resp: 1941

Ion	Ratio	Lower	Upper
178	100		
179	20.0	12.3	18.5#
176	21.4	14.8	22.2



Instrument :
BNA_N
ClientSampleId :
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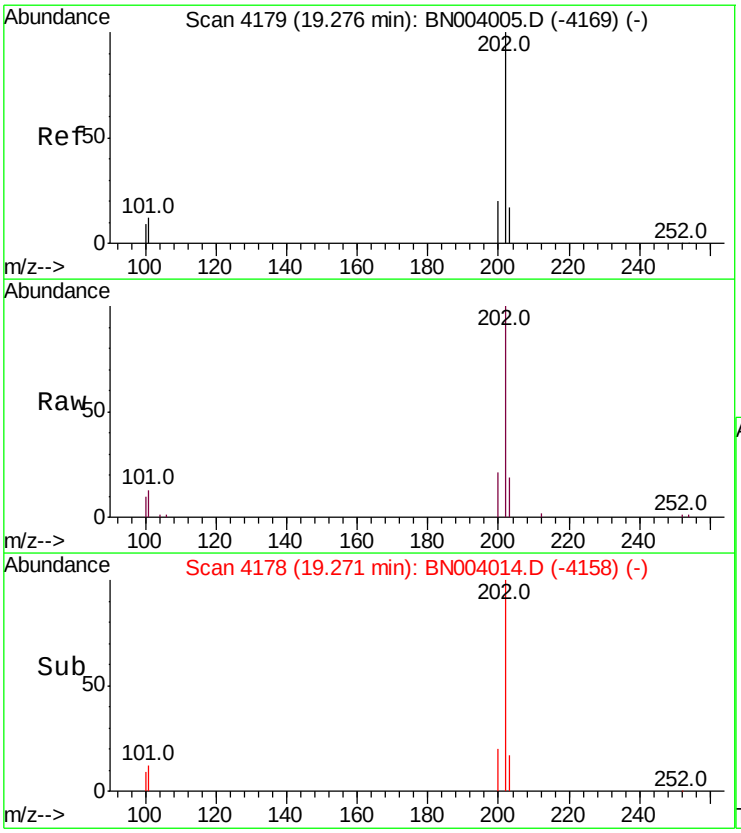
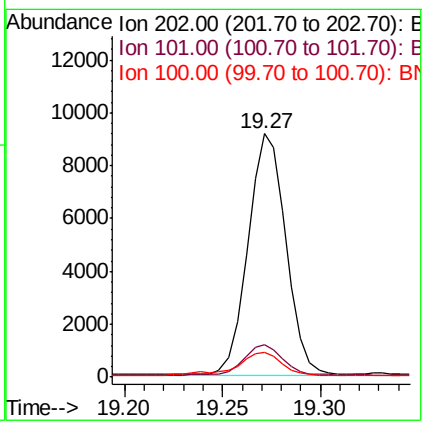
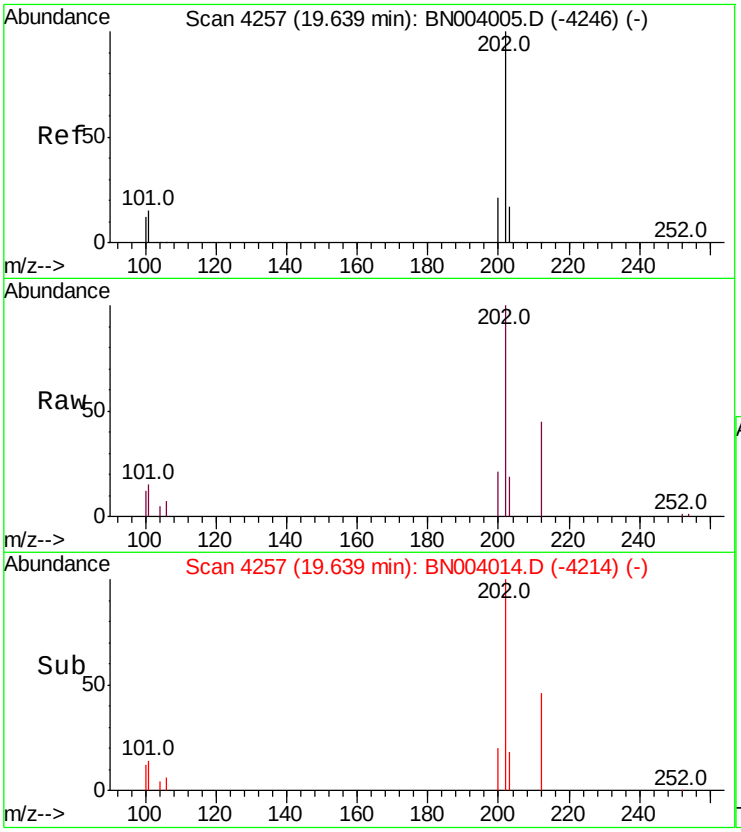


#15
Fluoranthene
Concen: 0.199 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:202 Resp: 12346

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	30.7
100	10.0	0.0	28.1

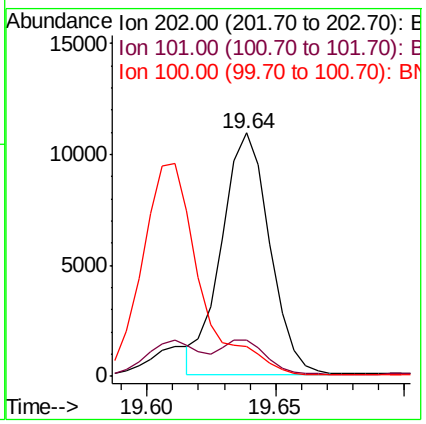




#17
Pyrene
Concen: 0.230 ng/ul m
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:202 Resp: 14231

Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.3	15.5
100	12.1	8.5	12.7



Instrument :
BNA_N
ClientSampleId :
F9F18

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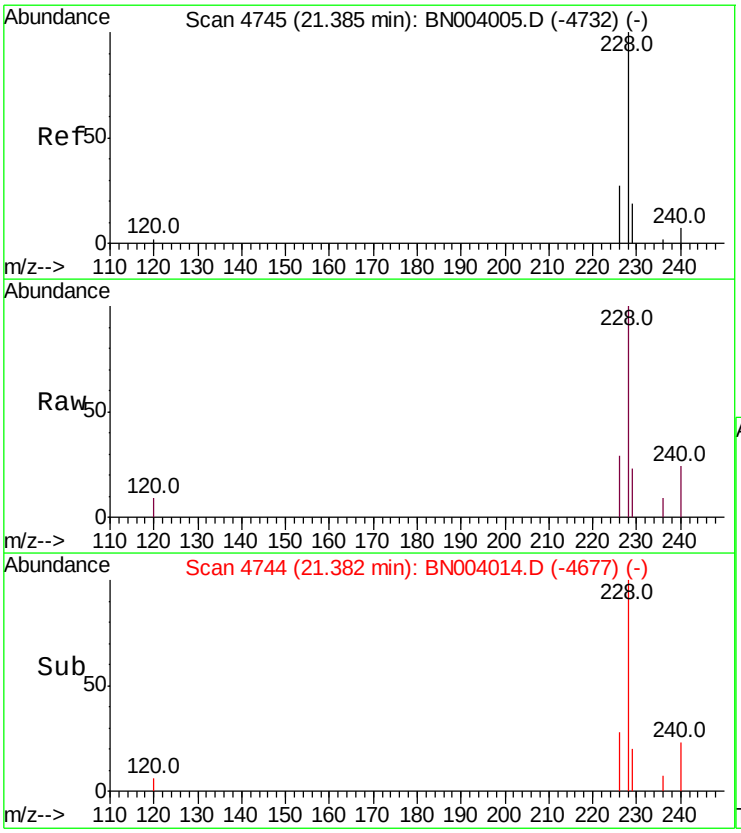
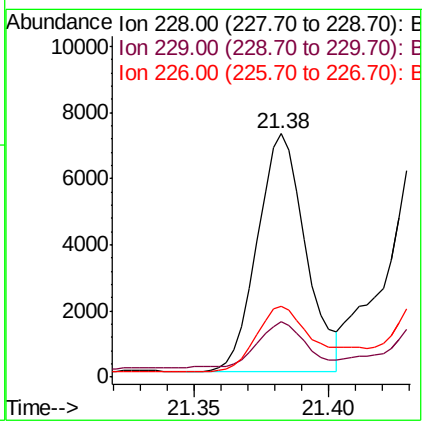
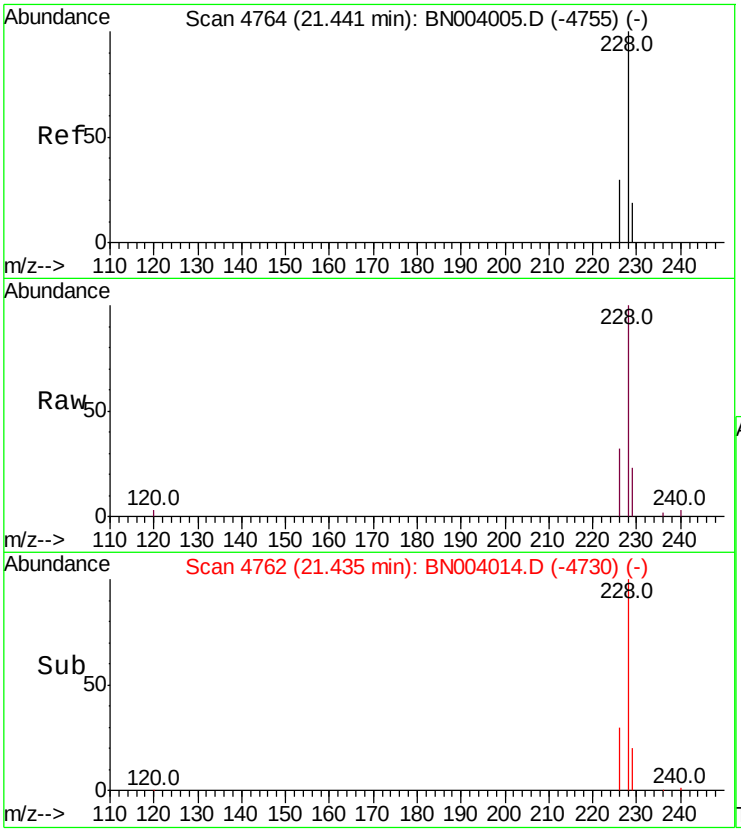


#18
Benzo(a)anthracene
Concen: 0.165 ng/ul
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:228 Resp: 8984

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.6	23.4
226	29.3	21.1	31.7

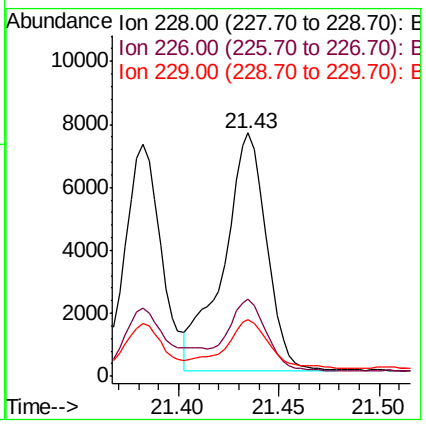




#19
Chrysene
Concen: 0.182 ng/ul m
RT: 21.43 min Scan# 4762
Delta R.T. -0.01 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:228 Resp: 11376

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.0	36.0
229	23.4	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
F9F18

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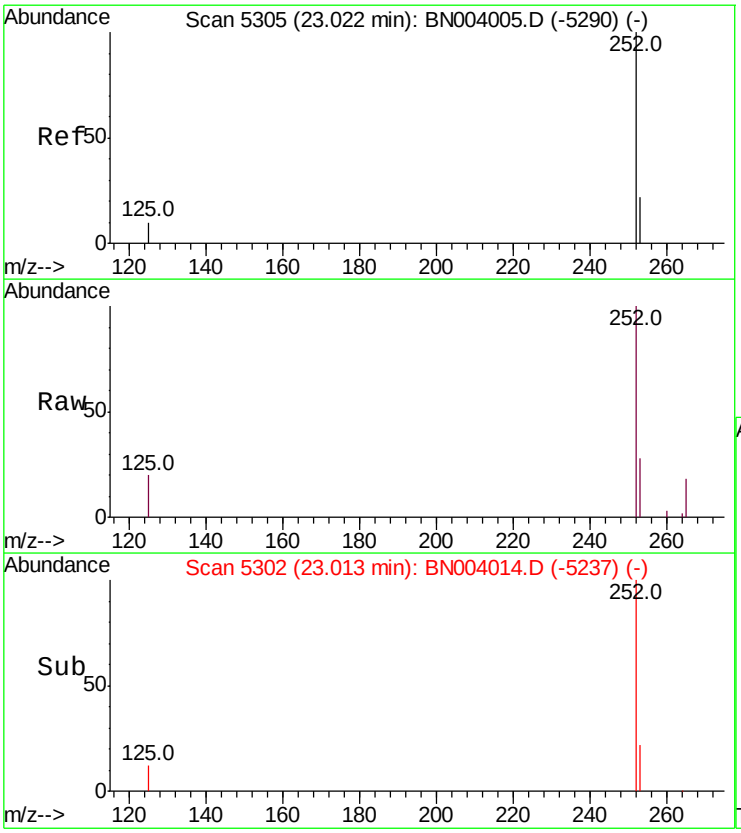
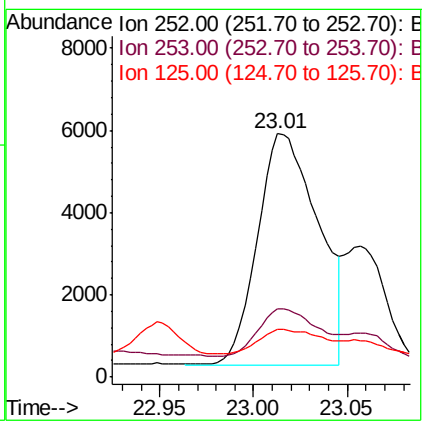
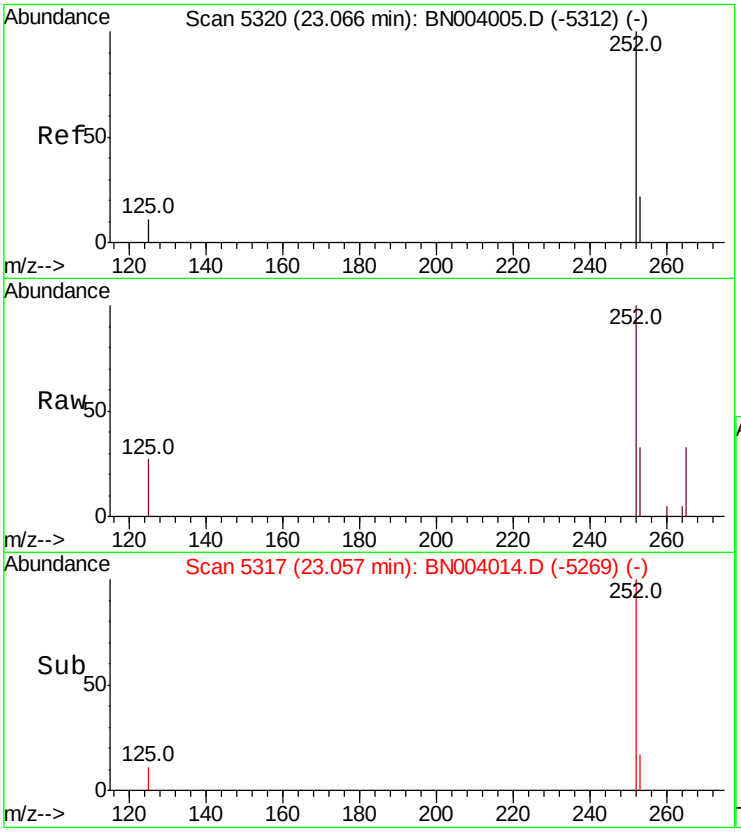


#21
Benzo(b)fluoranthene
Concen: 0.211 ng/ul m
RT: 23.01 min Scan# 5302
Delta R.T. -0.01 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:252 Resp: 12670

Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	46.0
125	19.6	0.0	22.4





#22
Benzo(k)fluoranthene
Concen: 0.071 ng/ul m
RT: 23.06 min Scan# 5317
Delta R.T. -0.01 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:252 Resp: 4155

Ion	Ratio	Lower	Upper
252	100		
253	33.4	18.5	27.7#
125	27.3	9.0	13.6#

Instrument :
BNA_N
ClientSampleId :
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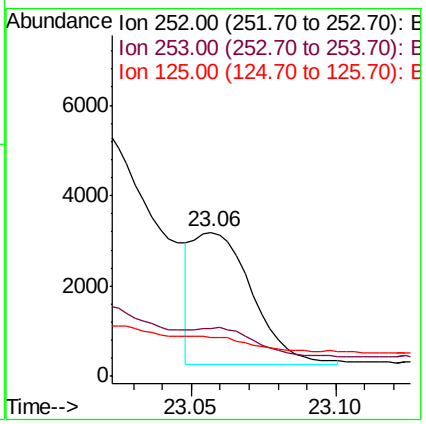
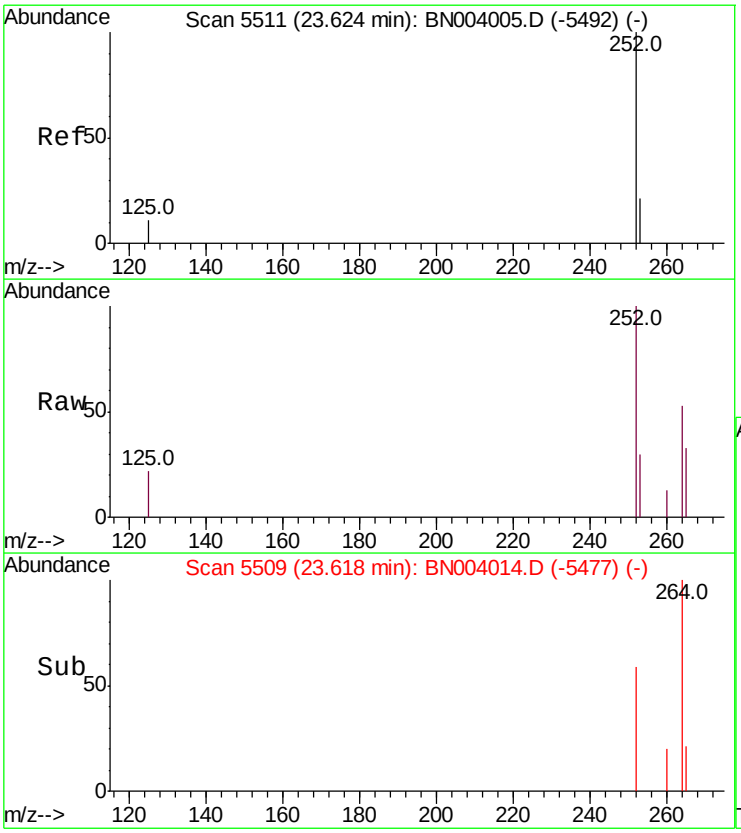
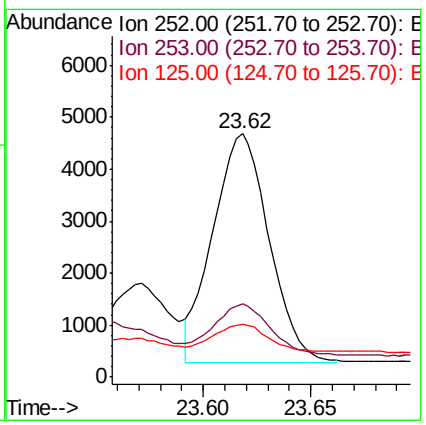


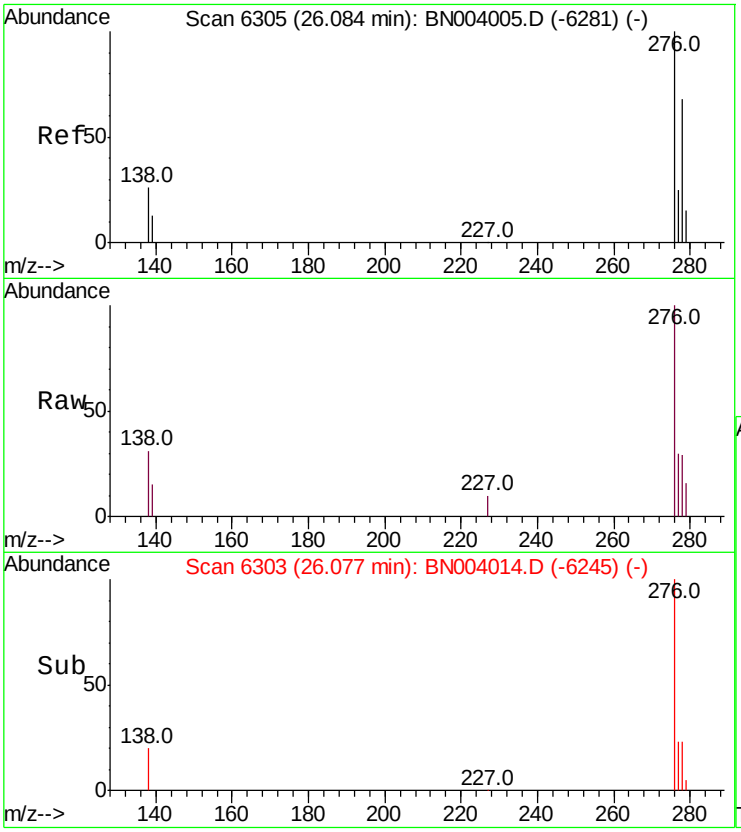


#23
Benzo(a)pyrene
Concen: 0.154 ng/ul m
RT: 23.62 min Scan# 5509
Delta R.T. -0.01 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:252 Resp: 7984

Ion	Ratio	Lower	Upper
252	100		
253	29.9	19.0	28.4#
125	21.5	10.2	15.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.099 ng/ul m
RT: 26.08 min Scan# 6303
Delta R.T. -0.01 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:276 Resp: 5912

Ion	Ratio	Lower	Upper
276	100		
138	2.8	20.3	30.5#
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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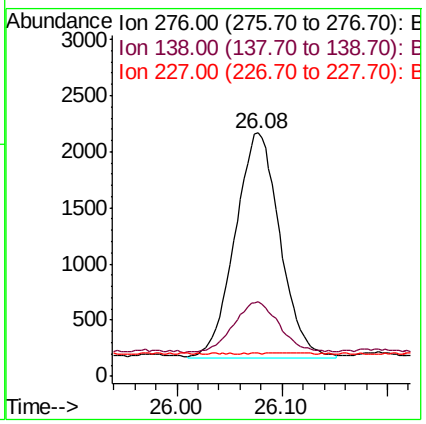
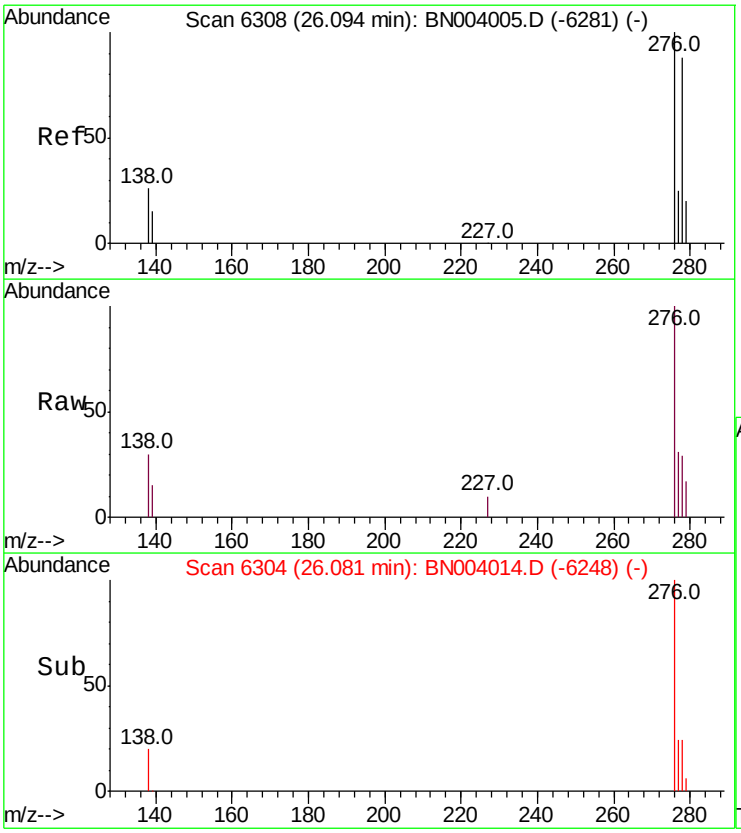
12/17/2018 4:28:22 PM

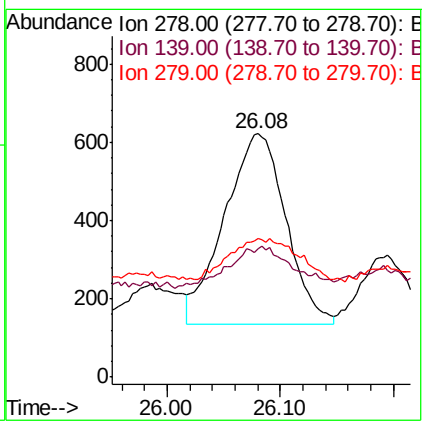


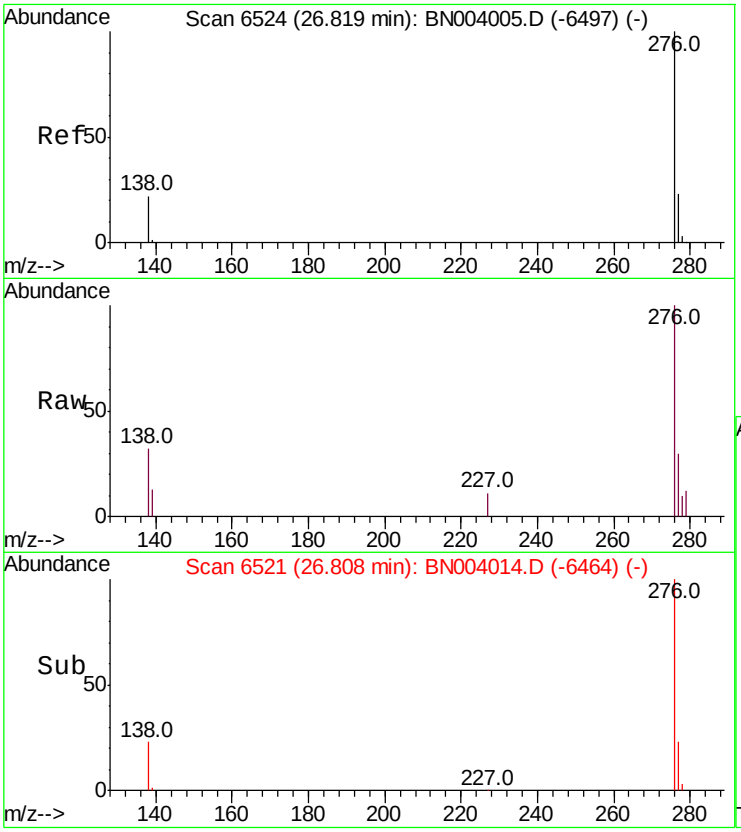


#25
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul m
RT: 26.08 min Scan# 6304
Delta R.T. -0.01 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:278 Resp: 1844

Ion	Ratio	Lower	Upper
278	100		
139	52.9	14.2	21.4#
279	57.1	19.8	29.6#

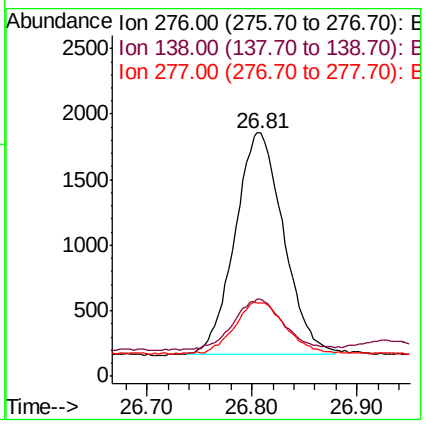




#26
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul m
RT: 26.81 min Scan# 6521
Delta R.T. -0.01 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:276 Resp: 5441

Ion	Ratio	Lower	Upper
276	100		
138	31.8	17.7	26.5#
277	30.3	19.3	28.9#



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