Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
Data File : BN004145.D
Acq On : 20 Dec 2018 09:40
Operator : JU/SJ
Sample : J6299-09DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F25DL

Manual Integrations APPROVED
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Quant Time: Dec 20 11:26:53 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 07:15:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1430	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7282	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4372	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	10921	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	11271	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	10826	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	517	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1492	0.05	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.19	152	8533	0.433	ng/ul	98
12) Phenanthrene	17.26	178	1951m	0.054	ng/ul	
13) Anthracene	17.35	178	8526	0.289	ng/ul	99
15) Fluoranthene	19.27	202	35001	0.827	ng/ul	97
17) Pyrene	19.63	202	40865	1.011	ng/ul	95
18) Benzo(a)anthracene	21.38	228	25416	0.714	ng/ul	97
19) Chrysene	21.43	228	26962	0.662	ng/ul	97
21) Benzo(b)fluoranthene	23.02	252	50380m	1.125	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	16449m	0.377	ng/ul	
23) Benzo(a)pyrene	23.62	252	21030	0.542	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.08	276	19988	0.449	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.08	278	5019	0.140	ng/ul#	81
26) Benzo(g,h,i)perylene	26.81	276	14212	0.368	ng/ul	96

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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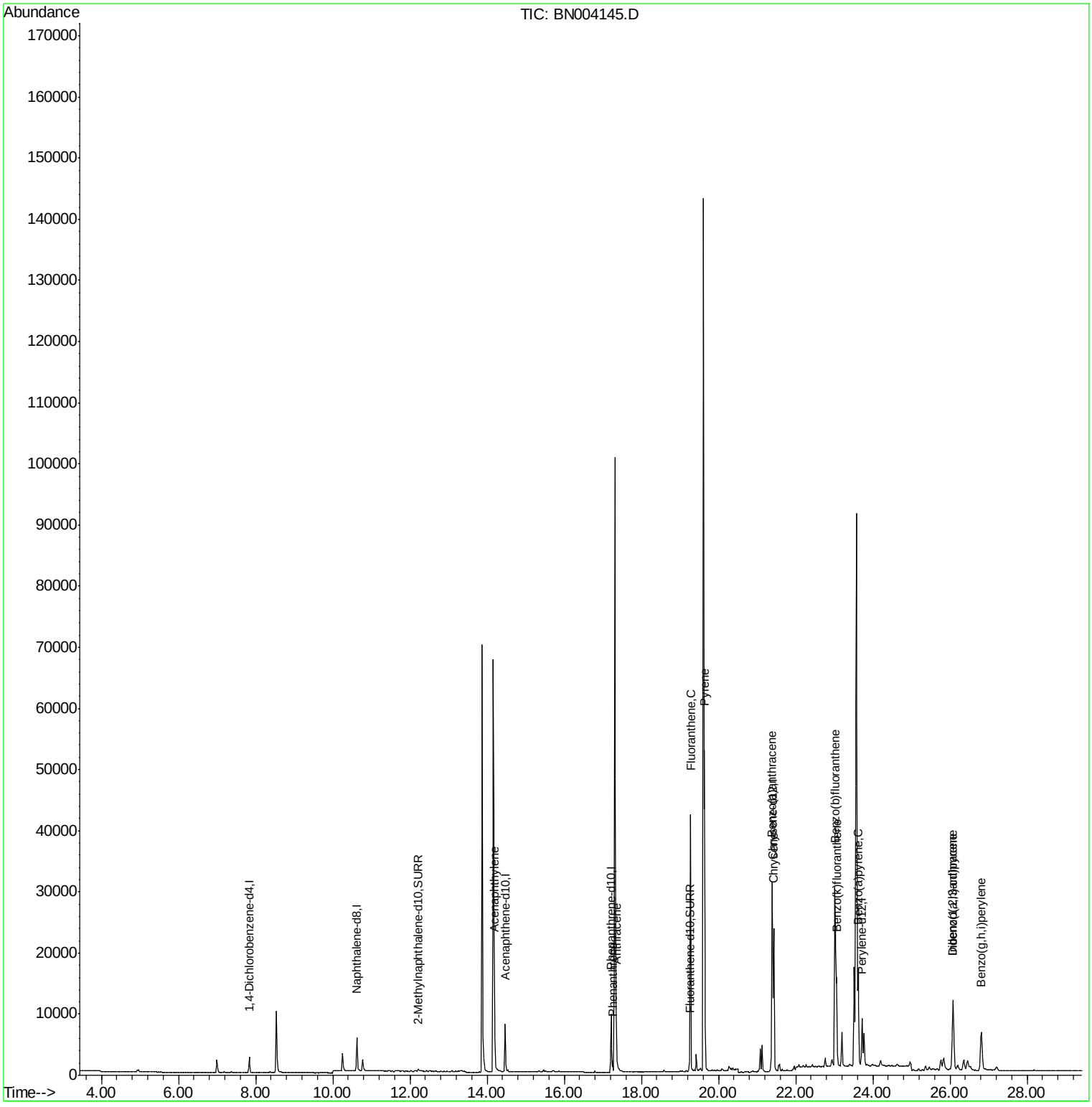
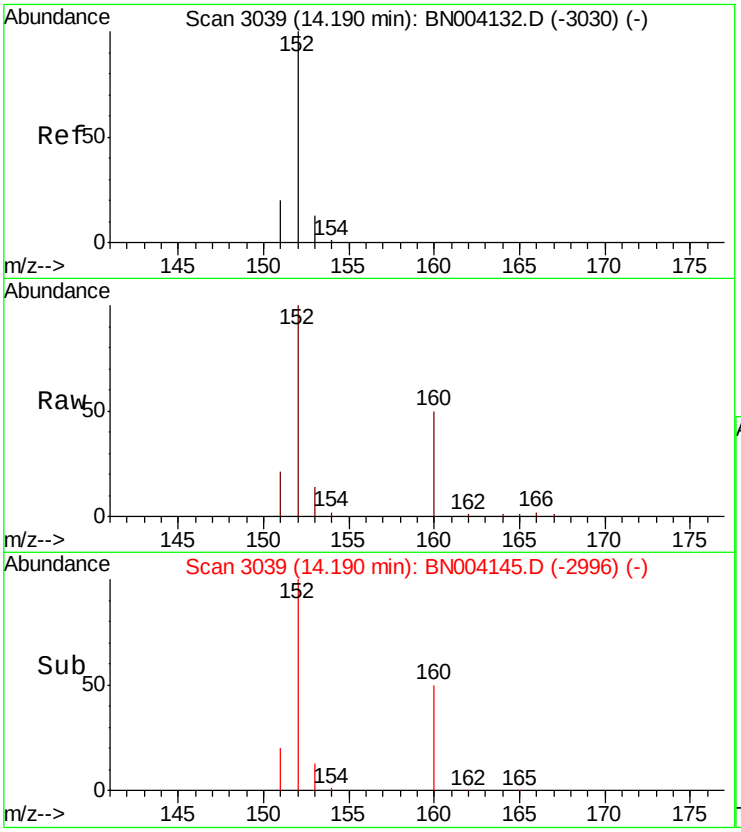
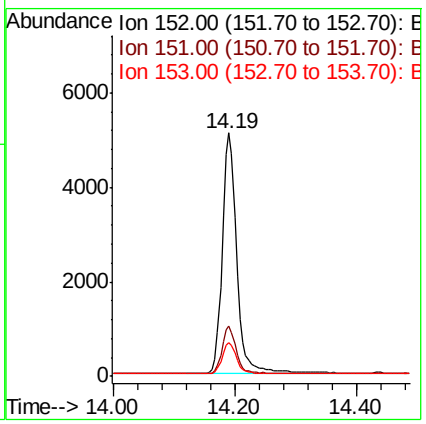




#7
Acenaphthylene
Concen: 0.433 ng/ul
RT: 14.19 min Scan# 3039
Delta R.T. 0.00 min
Lab File: BN004145.D
Acq: 20 Dec 2018 09:40

Tgt Ion:152 Resp: 8533

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	14.0	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
F9F25DL

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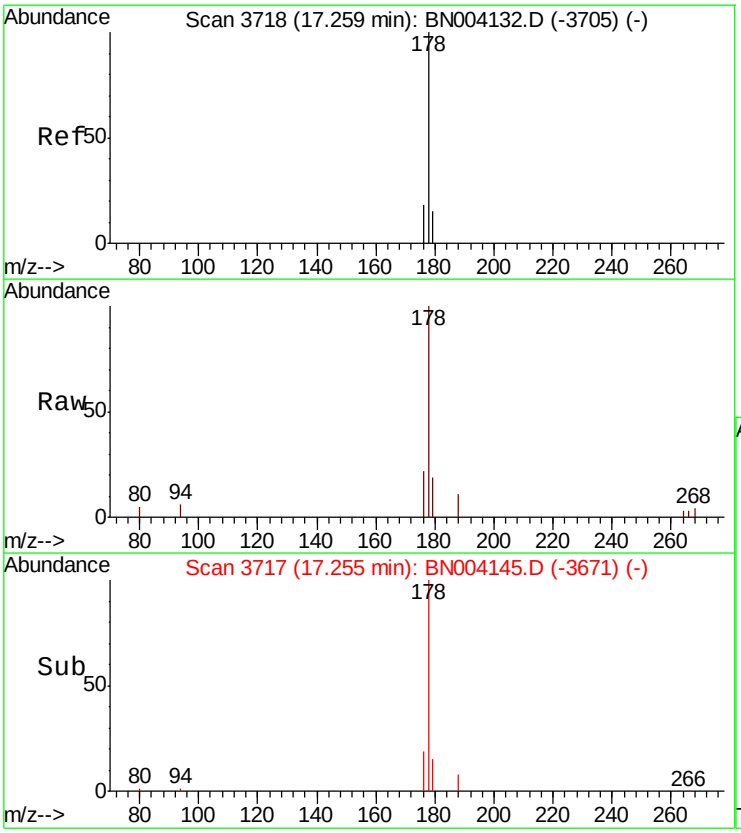
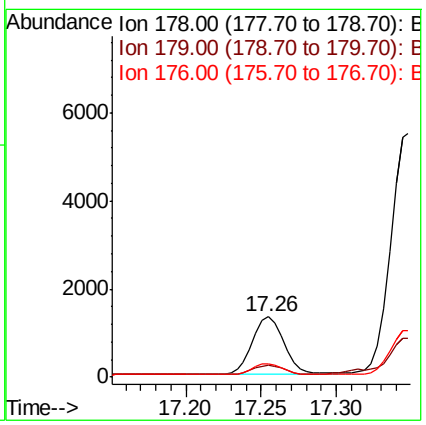
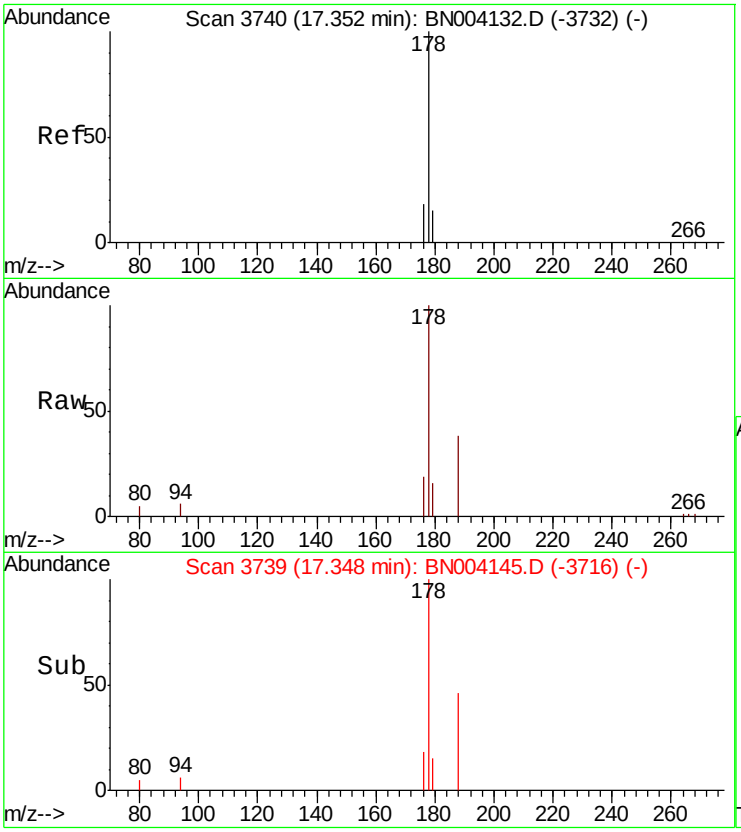


#12
Phenanthrene
Concen: 0.054 ng/ul m
RT: 17.26 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BN004145.D
Acq: 20 Dec 2018 09:40

Tgt Ion:178 Resp: 1951

Ion	Ratio	Lower	Upper
178	100		
179	18.9	12.5	18.7#
176	22.2	15.0	22.4

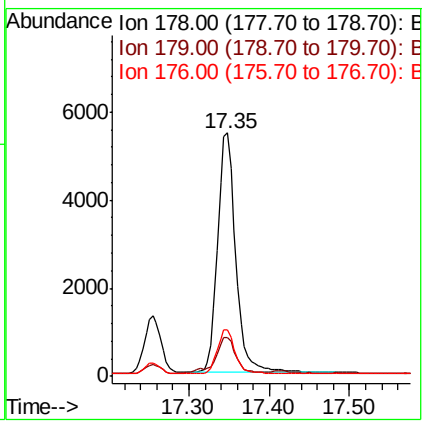




#13
Anthracene
Concen: 0.289 ng/ul
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN004145.D
Acq: 20 Dec 2018 09:40

Tgt Ion:178 Resp: 8526

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.9	14.8	22.2



Instrument :
BNA_N
ClientSampleId :
F9F25DL

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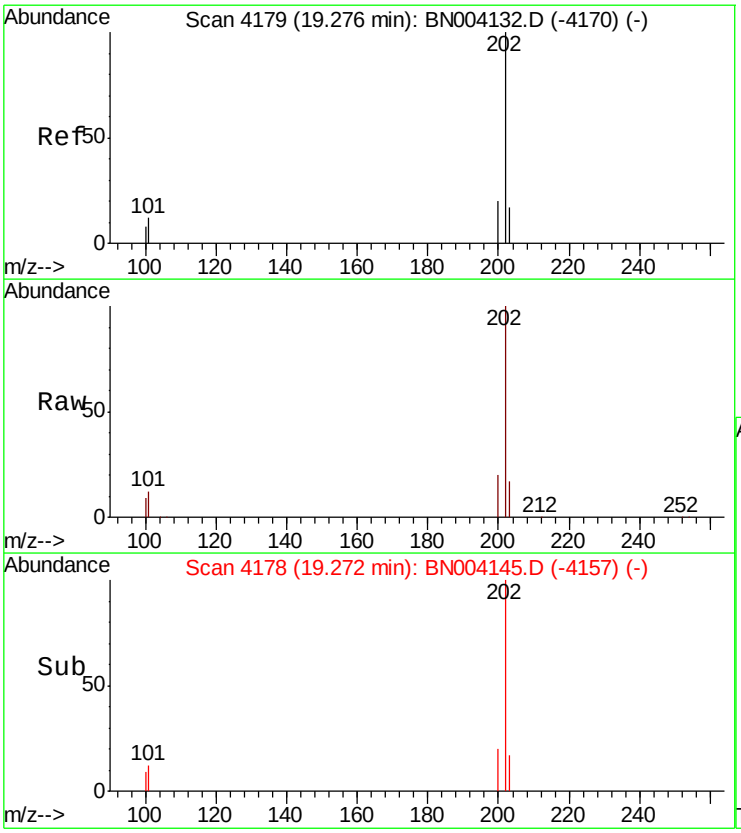
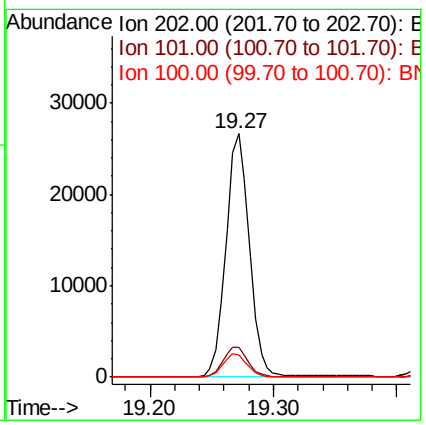
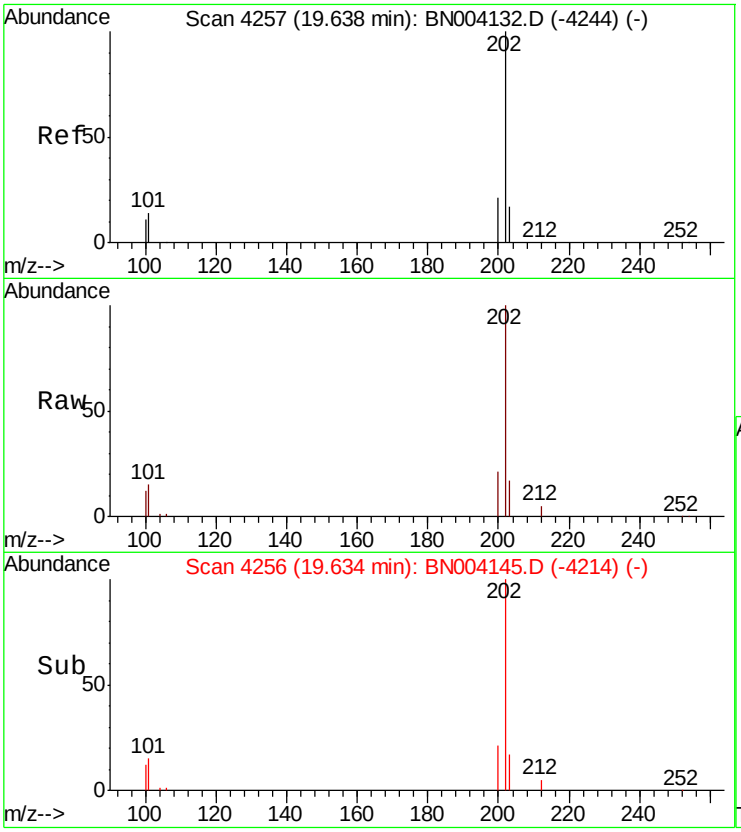


#15
Fluoranthene
Concen: 0.827 ng/ul
RT: 19.27 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BN004145.D
Acq: 20 Dec 2018 09:40

Tgt Ion:202 Resp: 35001

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.7
100	8.9	0.0	28.1





#17
Pyrene
Concen: 1.011 ng/ul
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN004145.D
Acq: 20 Dec 2018 09:40

Tgt Ion:202 Resp: 40865

Ion	Ratio	Lower	Upper
202	100		
101	15.2	10.3	15.5
100	12.2	8.5	12.7

Instrument :
BNA_N
ClientSampleId :
F9F25DL

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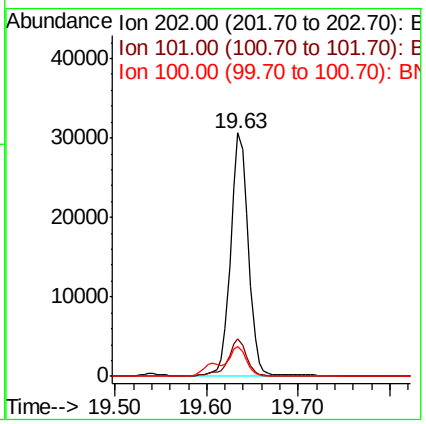
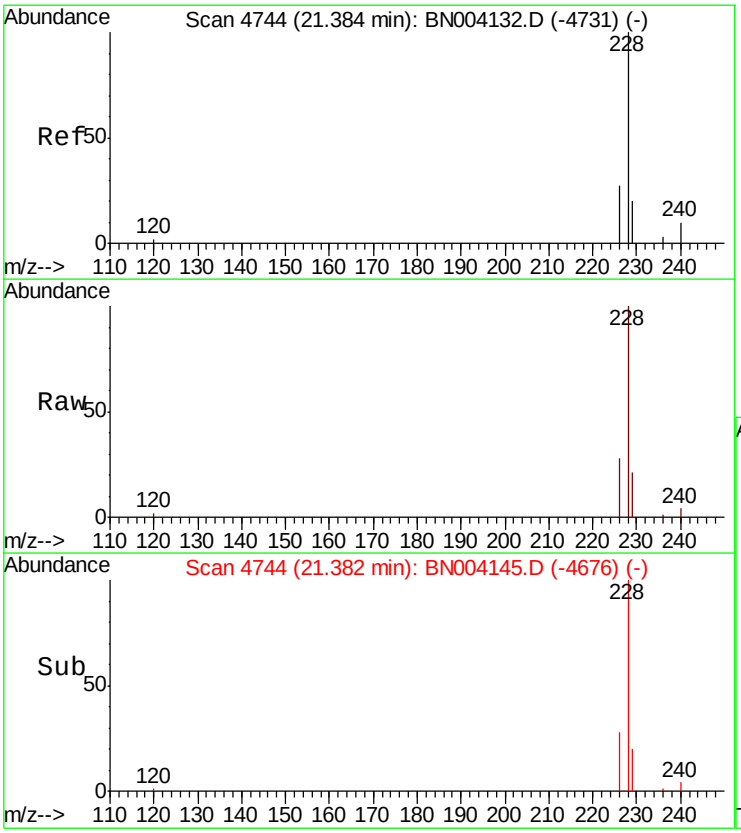
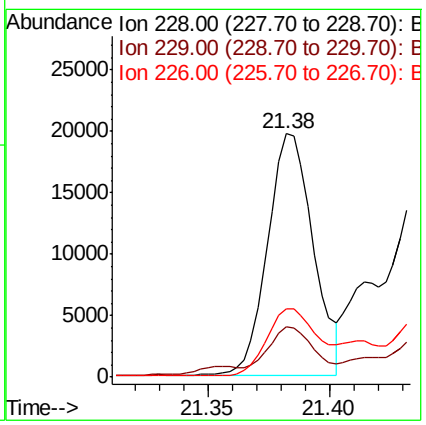


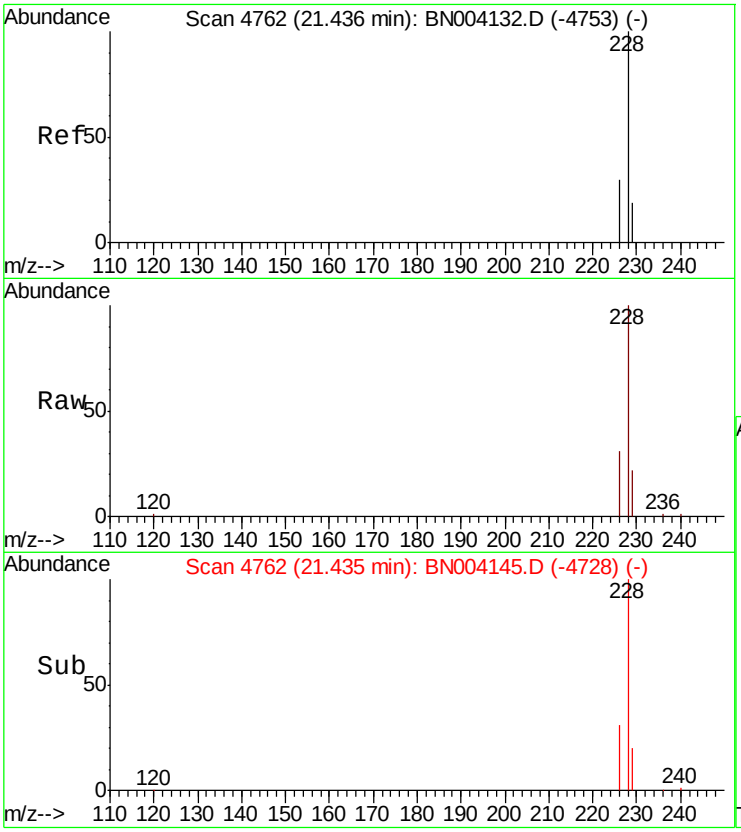


#18
Benzo(a)anthracene
Concen: 0.714 ng/ul
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN004145.D
Acq: 20 Dec 2018 09:40

Tgt Ion:228 Resp: 25416

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.6	23.4
226	28.1	21.1	31.7

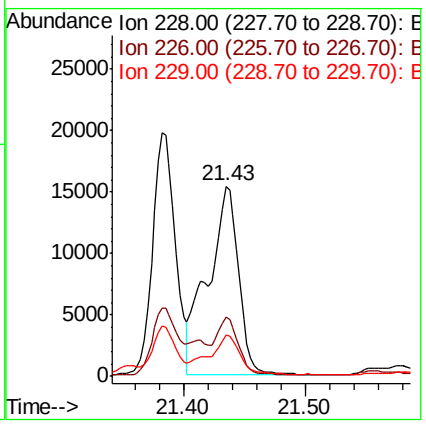




#19
Chrysene
Concen: 0.662 ng/ul
RT: 21.43 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN004145.D
Acq: 20 Dec 2018 09:40

Tgt Ion:228 Resp: 26962

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	21.6	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
F9F25DL

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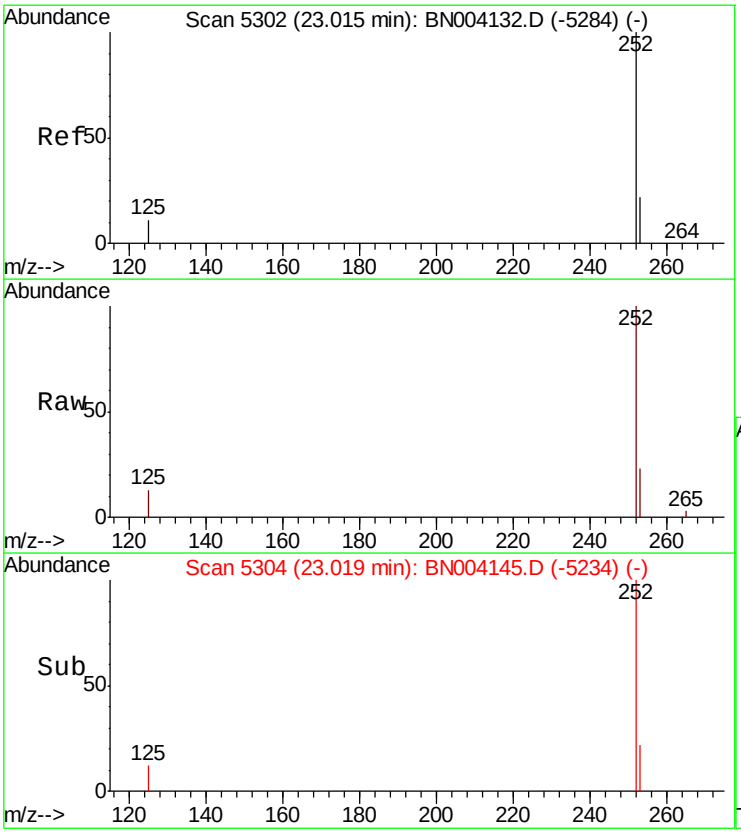
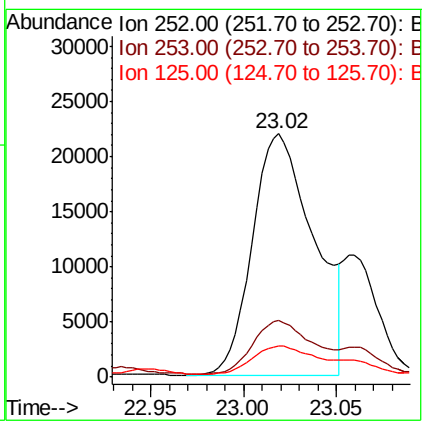
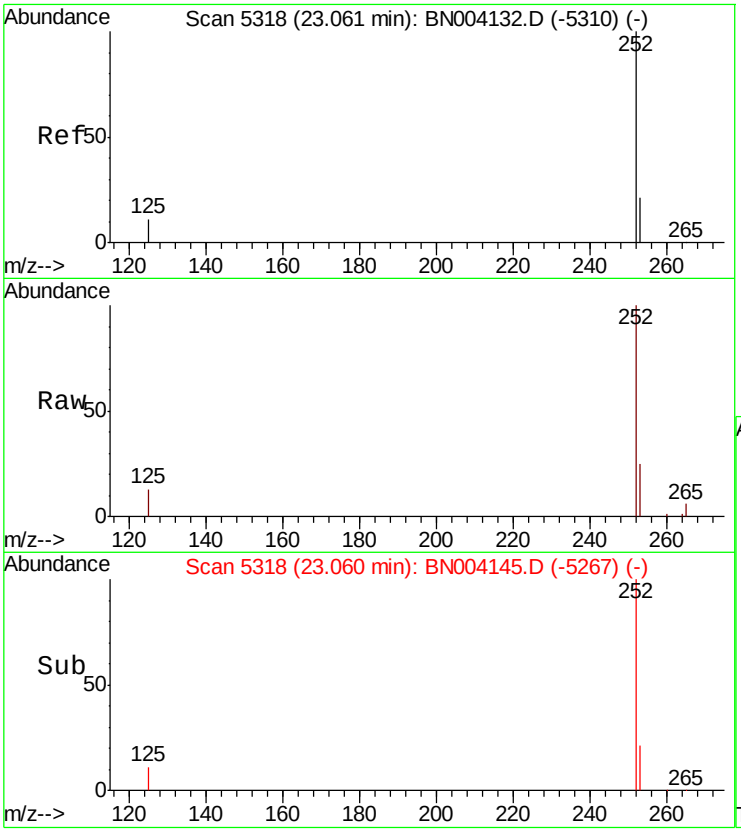


#21
Benzo(b)fluoranthene
Concen: 1.125 ng/ul m
RT: 23.02 min Scan# 5304
Delta R.T. 0.00 min
Lab File: BN004145.D
Acq: 20 Dec 2018 09:40

Tgt Ion:252 Resp: 50380

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	46.0
125	12.6	0.0	22.4

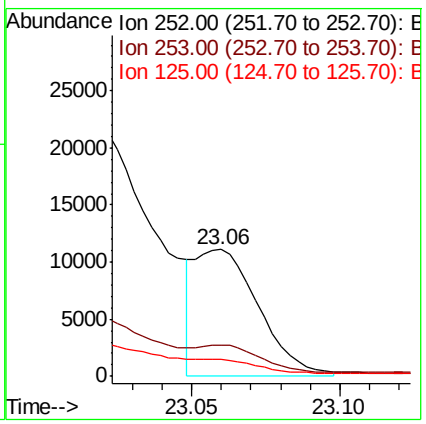




#22
Benzo(k)fluoranthene
Concen: 0.377 ng/ul m
RT: 23.06 min Scan# 5318
Delta R.T. -0.00 min
Lab File: BN004145.D
Acq: 20 Dec 2018 09:40

Tgt Ion:252 Resp: 16449

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.5	27.7
125	13.5	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
F9F25DL

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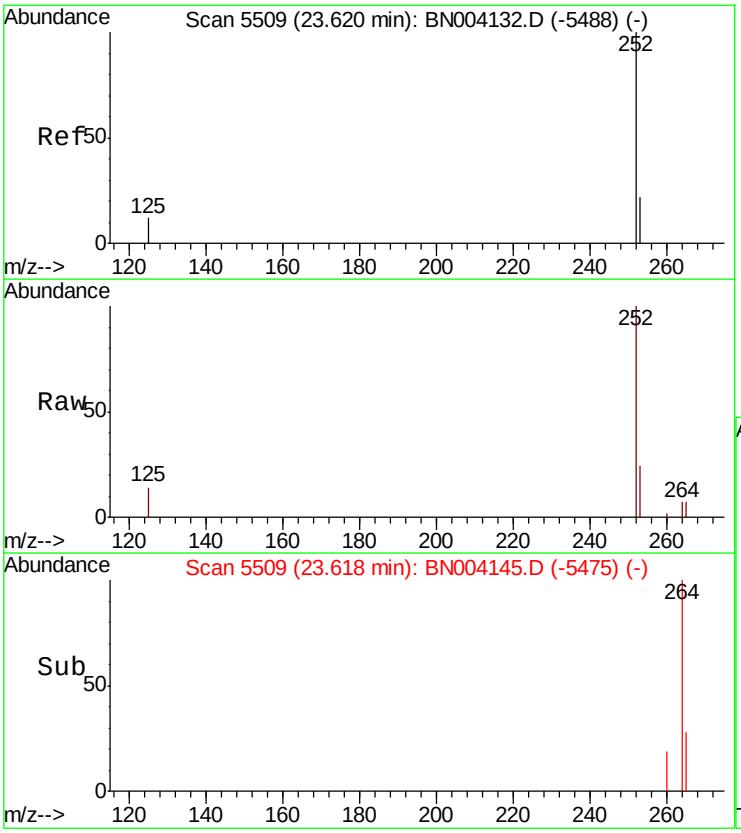
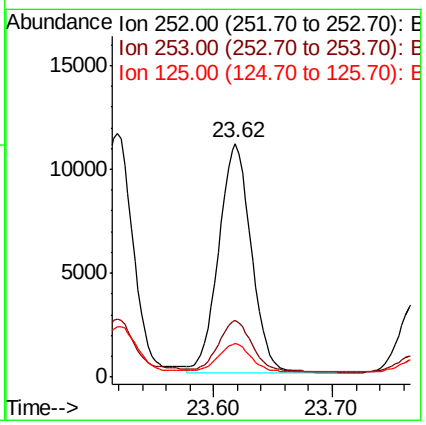
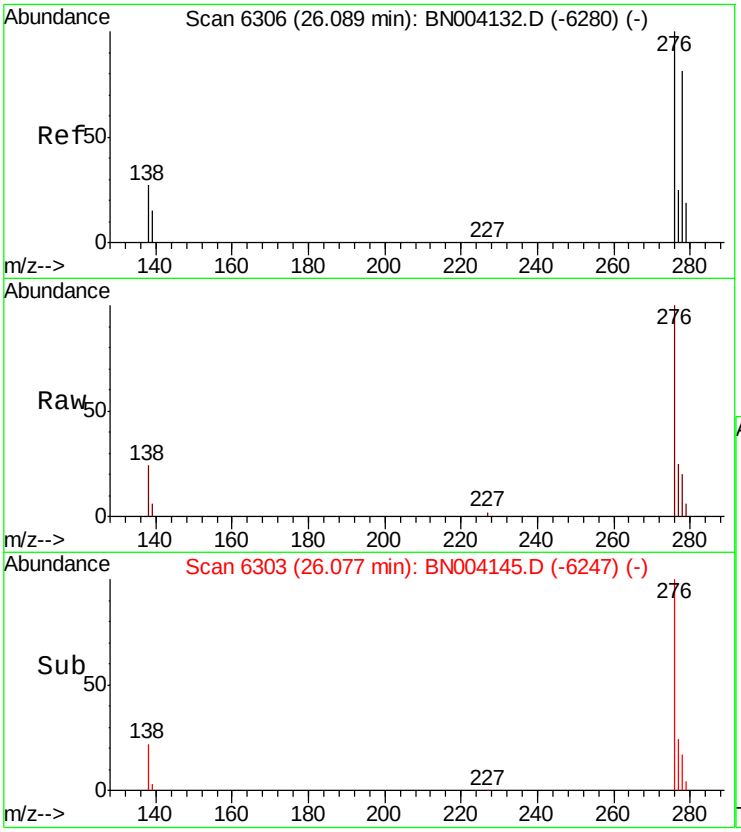


#23
Benzo(a)pyrene
Concen: 0.542 ng/ul
RT: 23.62 min Scan# 5509
Delta R.T. -0.00 min
Lab File: BN004145.D
Acq: 20 Dec 2018 09:40

Tgt Ion:252 Resp: 21030

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.0	28.4
125	14.4	10.2	15.4





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.449 ng/ul
RT: 26.08 min Scan# 6303
Delta R.T. -0.01 min
Lab File: BN004145.D
Acq: 20 Dec 2018 09:40

Tgt Ion:276 Resp: 19988

Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.3	30.5
227	0.1	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
F9F25DL

Manual Integrations APPROVED
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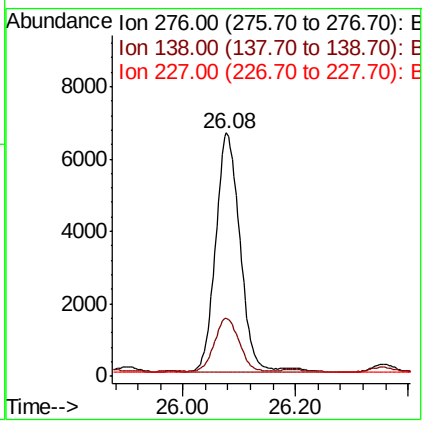
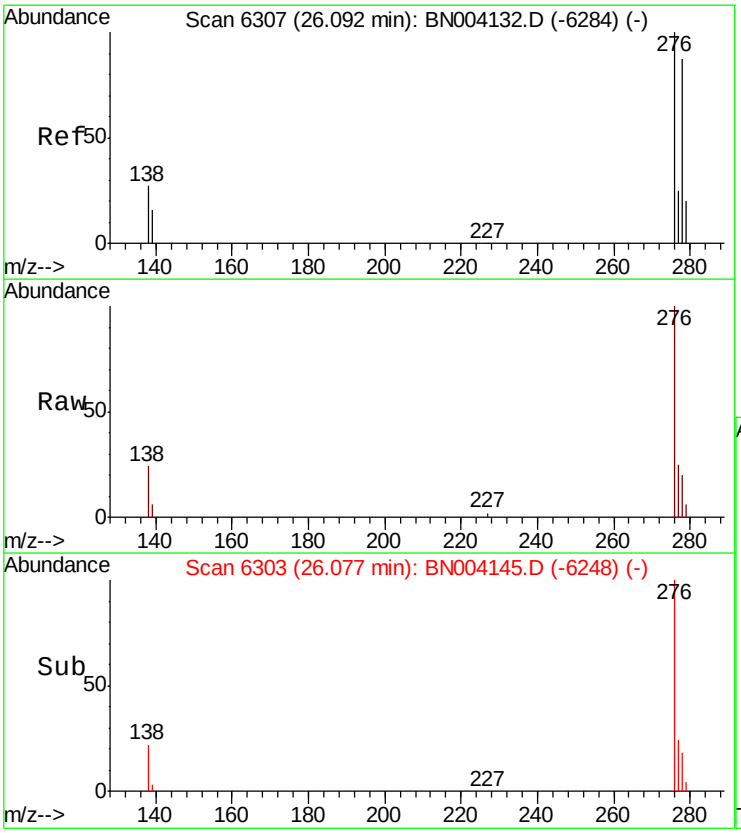
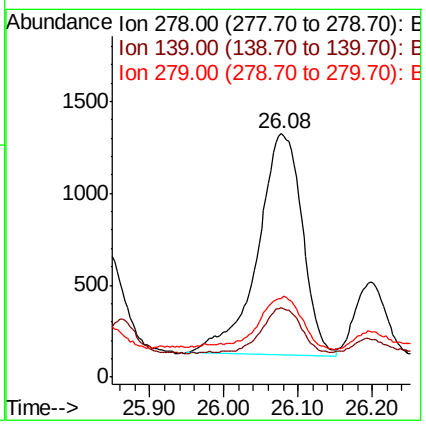


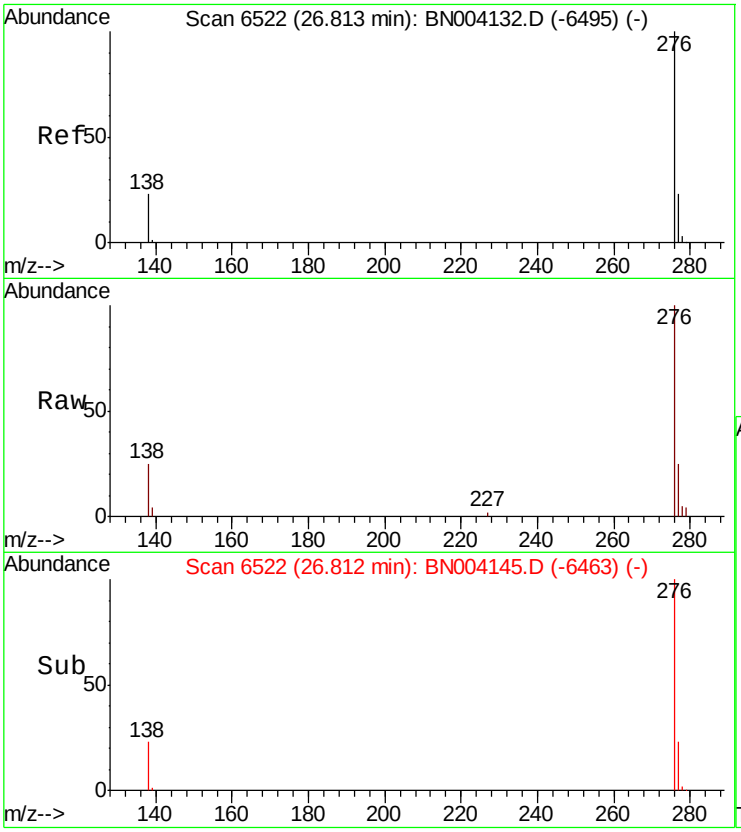


#25
Dibenzo(a,h)anthracene
Concen: 0.140 ng/ul
RT: 26.08 min Scan# 6303
Delta R.T. -0.01 min
Lab File: BN004145.D
Acq: 20 Dec 2018 09:40

Tgt Ion:278 Resp: 5019

Ion	Ratio	Lower	Upper
278	100		
139	28.4	14.2	21.4#
279	32.5	19.8	29.6#

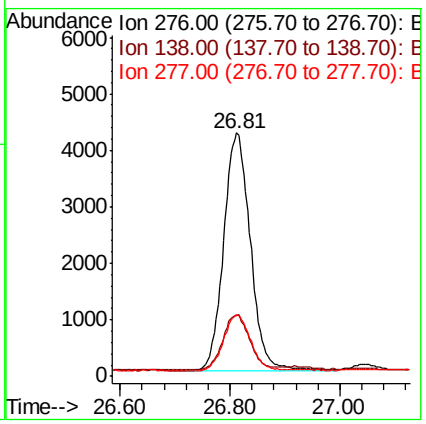




#26
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 26.81 min Scan# 6522
Delta R.T. -0.00 min
Lab File: BN004145.D
Acq: 20 Dec 2018 09:40

Tgt Ion:276 Resp: 14212

Ion	Ratio	Lower	Upper
276	100		
138	25.1	17.7	26.5
277	25.4	19.3	28.9



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