Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101819\
Data File : BN008249.D
Acq On : 18 Oct 2019 16:12
Operator : JU
Sample : K5178-02DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD1DL

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Quant Time: Oct 18 17:39:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 17:22:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2672	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	13268	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8407	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	17527	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	16409	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	14165	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	631	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1986	0.03	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.95	152	886	0.022	ng/ul#	72
12) Phenanthrene	17.02	178	15837	0.309	ng/ul	99
13) Anthracene	17.11	178	1668	0.037	ng/ul#	88
15) Fluoranthene	19.04	202	57414	0.847	ng/ul	97
17) Pyrene	19.41	202	47506	0.727	ng/ul	100
18) Benzo(a)anthracene	21.17	228	20373	0.341	ng/ul	96
19) Chrysene	21.22	228	27237	0.372	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	33578m	0.728	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	13075m	0.250	ng/ul	
23) Benzo(a)pyrene	23.27	252	19887	0.410	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.52	276	14391	0.252	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.52	278	2727	0.060	ng/ul#	56
26) Benzo(g,h,i)perylene	26.18	276	14103	0.269	ng/ul#	95

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

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Instrument :
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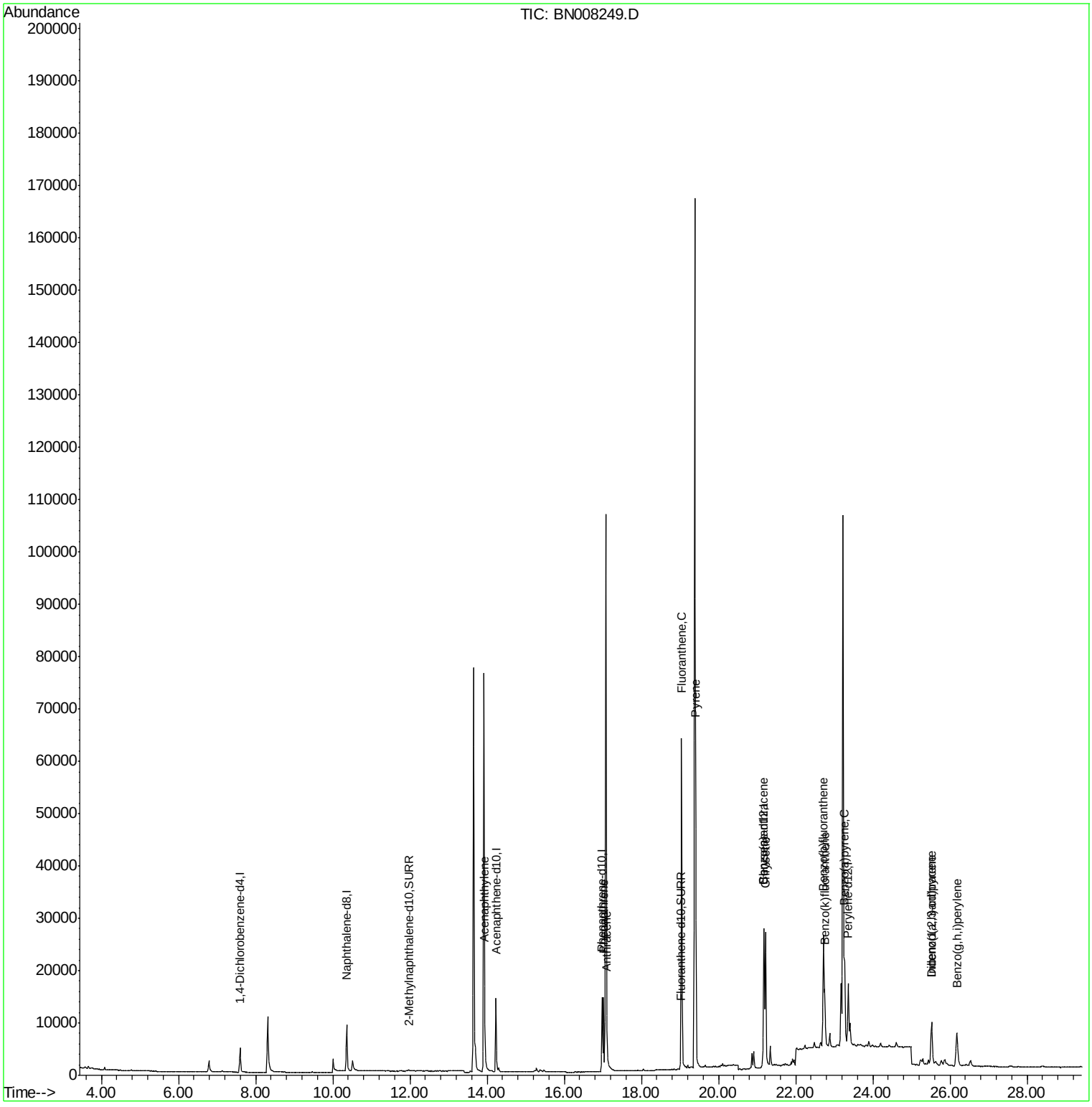
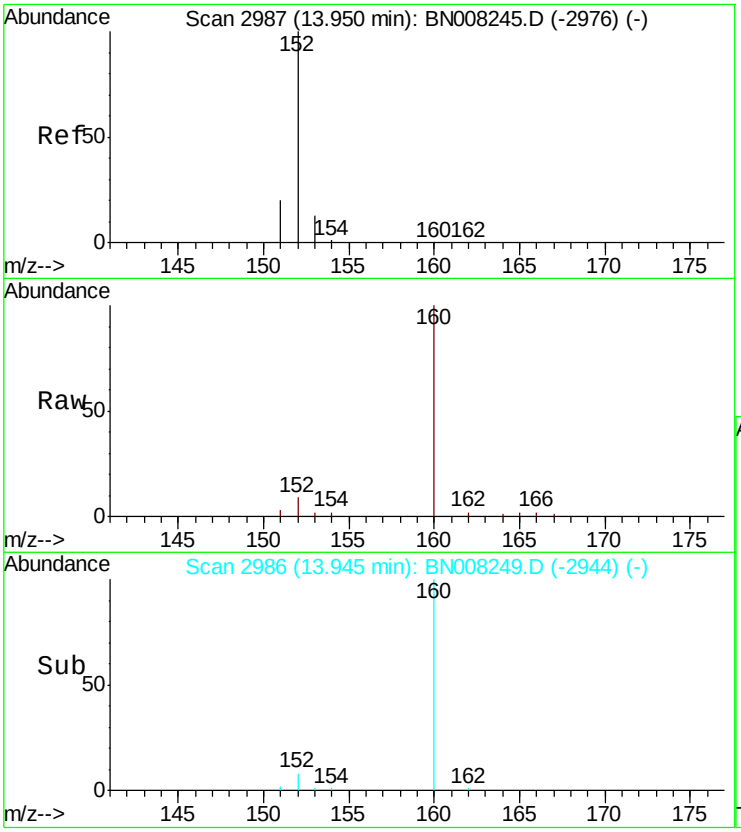
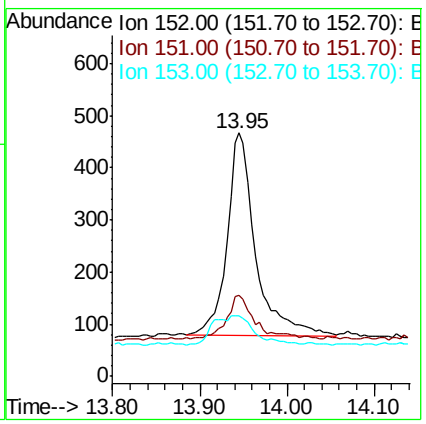




#7
Acenaphthylene
Concen: 0.022 ng/ul
RT: 13.95 min Scan# 2986
Delta R.T. -0.00 min
Lab File: BN008249.D
Acq: 18 Oct 2019 16:12

Tgt Ion:152 Resp: 886

Ion	Ratio	Lower	Upper
152	100		
151	33.4	16.2	24.4#
153	24.8	11.0	16.4#



Instrument :
BNA_N
ClientSampleId :
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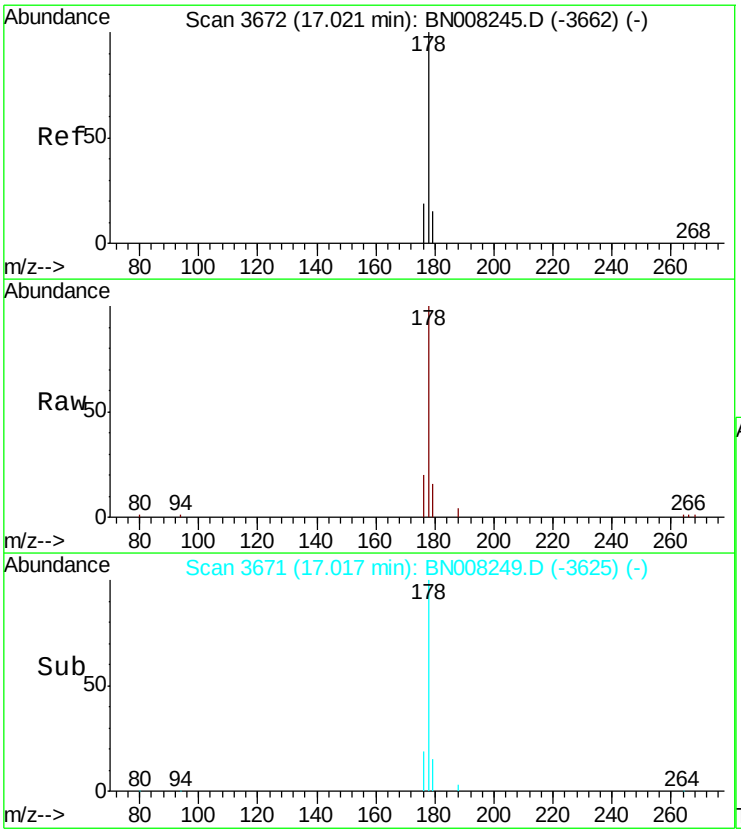
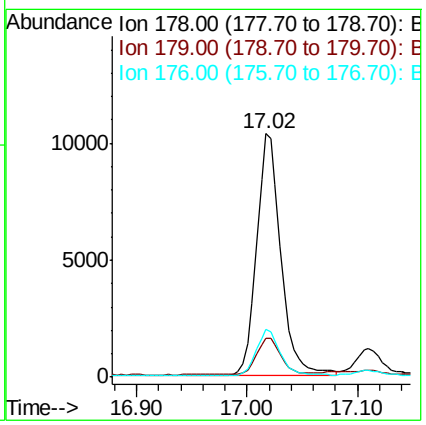
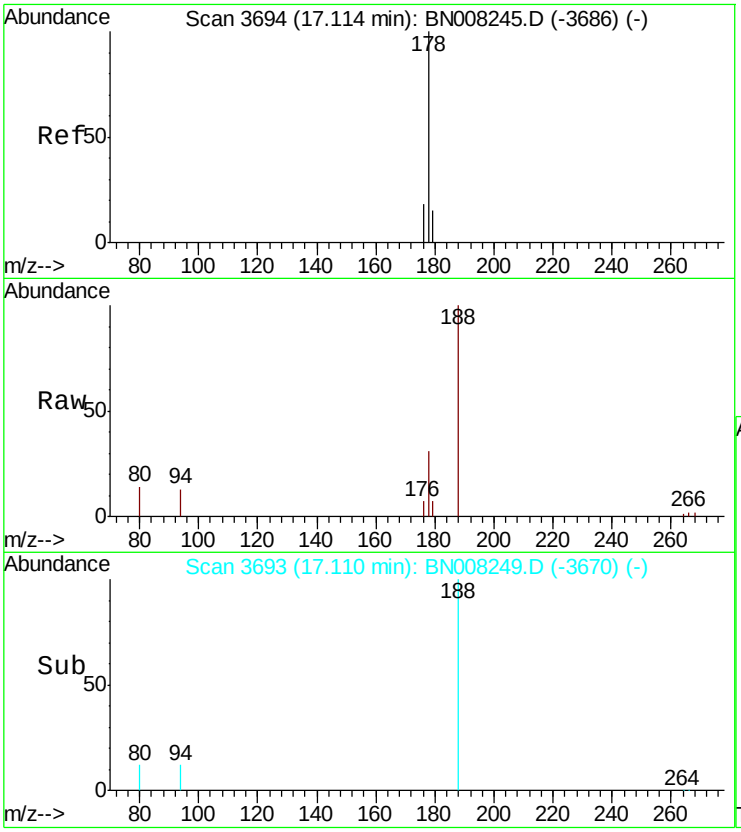


#12
Phenanthrene
Concen: 0.309 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BN008249.D
Acq: 18 Oct 2019 16:12

Tgt Ion:178 Resp: 15837

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	19.7	15.4	23.2





#13
Anthracene
Concen: 0.037 ng/ul
RT: 17.11 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BN008249.D
Acq: 18 Oct 2019 16:12

Tgt Ion:178 Resp: 1668

Ion	Ratio	Lower	Upper
178	100		
179	23.7	13.0	19.6#
176	22.1	15.0	22.6

Instrument :
BNA_N
ClientSampleId :
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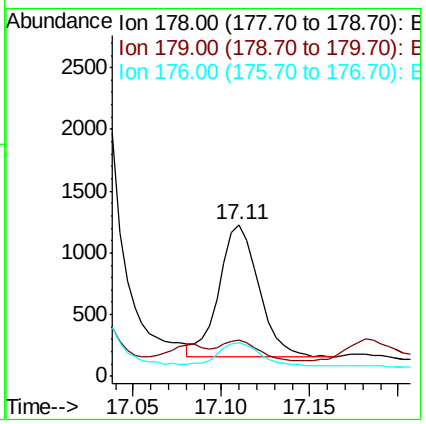
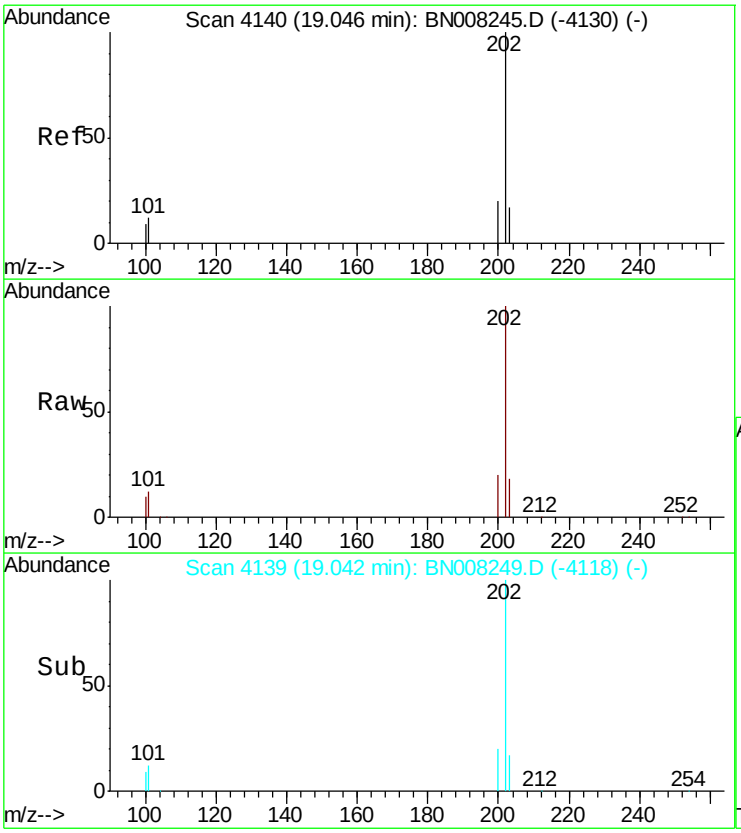
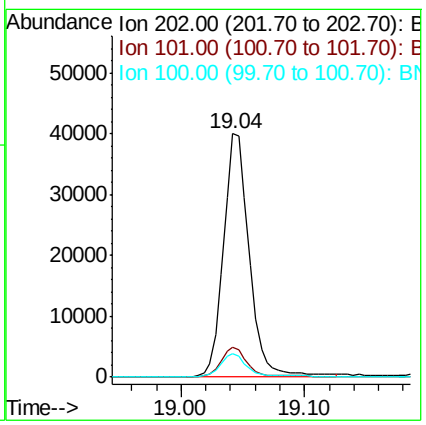


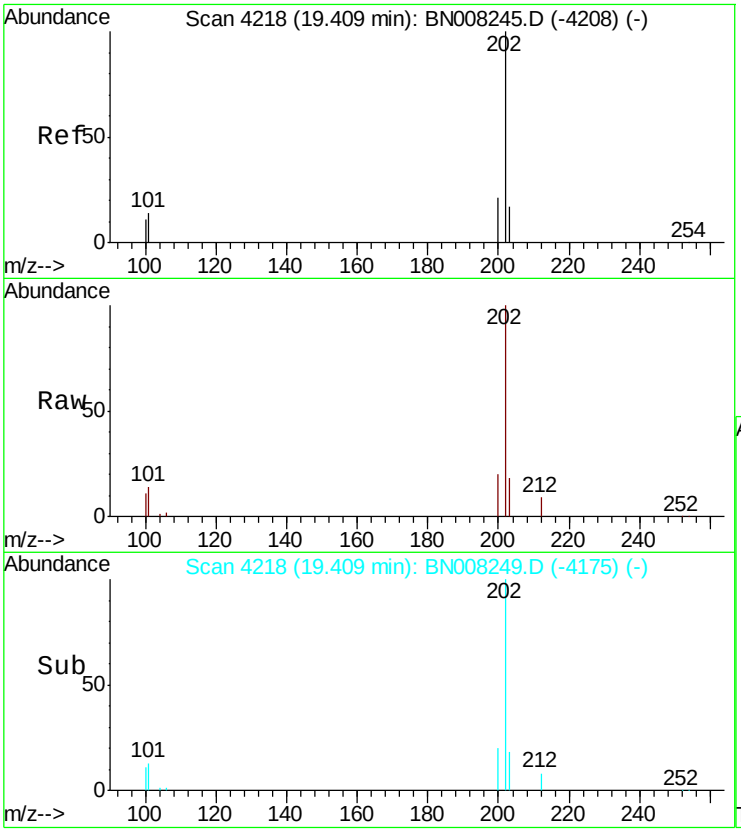


#15
Fluoranthene
Concen: 0.847 ng/ul
RT: 19.04 min Scan# 4139
Delta R.T. -0.00 min
Lab File: BN008249.D
Acq: 18 Oct 2019 16:12

Tgt Ion:202 Resp: 57414

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.2
100	9.6	0.0	28.5

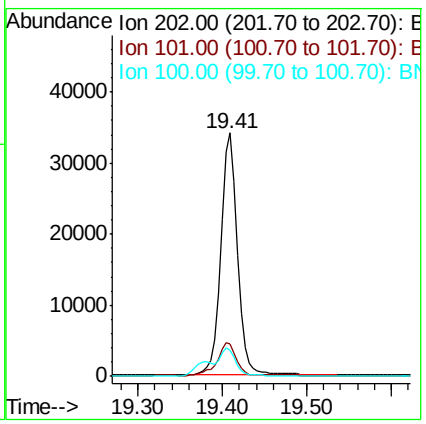




#17
Pyrene
Concen: 0.727 ng/ul
RT: 19.41 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BN008249.D
Acq: 18 Oct 2019 16:12

Tgt Ion:202 Resp: 47506

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.9	16.3
100	10.8	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
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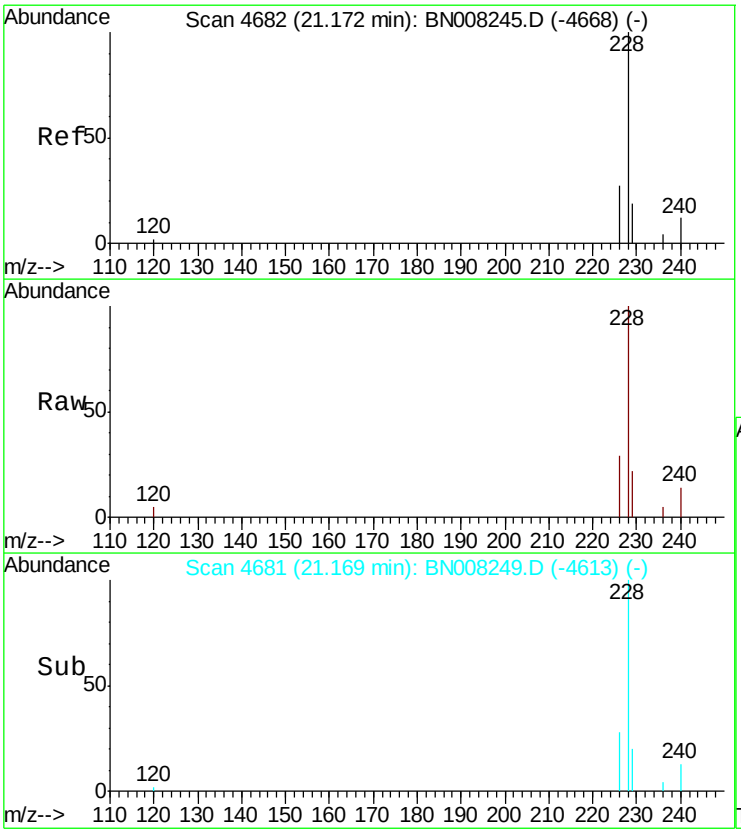
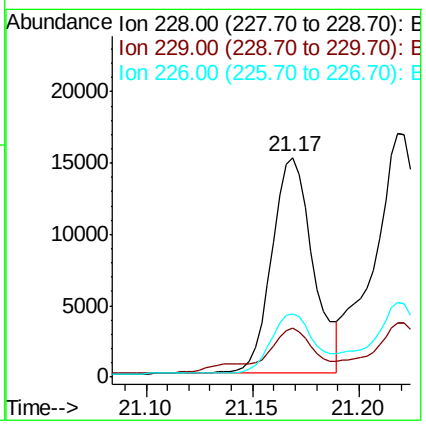
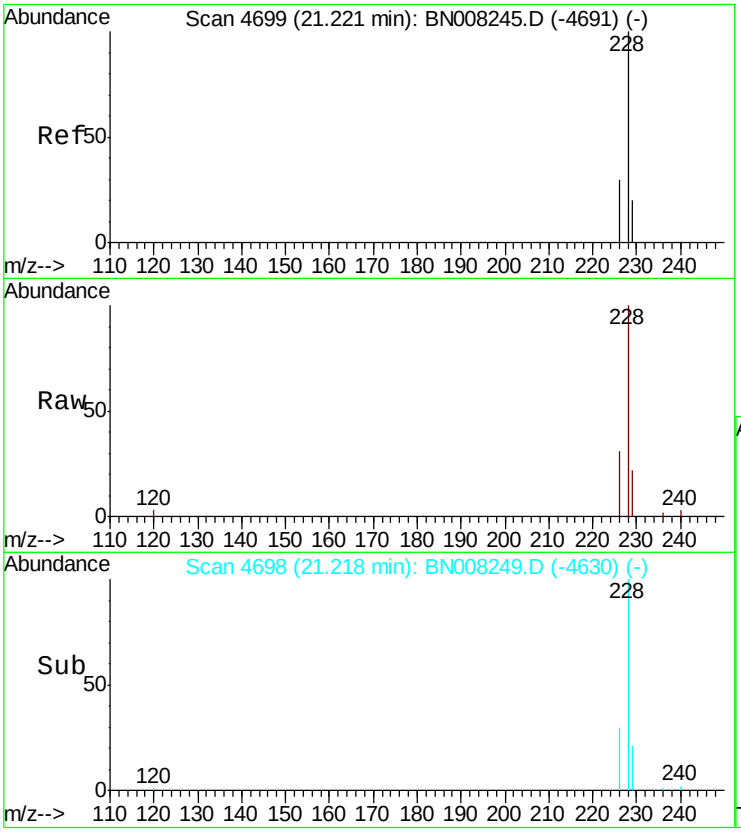


#18
Benzo(a)anthracene
Concen: 0.341 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.00 min
Lab File: BN008249.D
Acq: 18 Oct 2019 16:12

Tgt Ion:228 Resp: 20373

Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.2	24.2
226	28.9	21.4	32.0

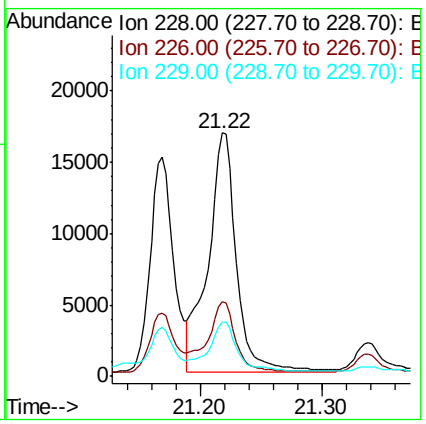




#19
Chrysene
Concen: 0.372 ng/ul
RT: 21.22 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN008249.D
Acq: 18 Oct 2019 16:12

Tgt Ion:228 Resp: 27237

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	22.2	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
BEPD1DL

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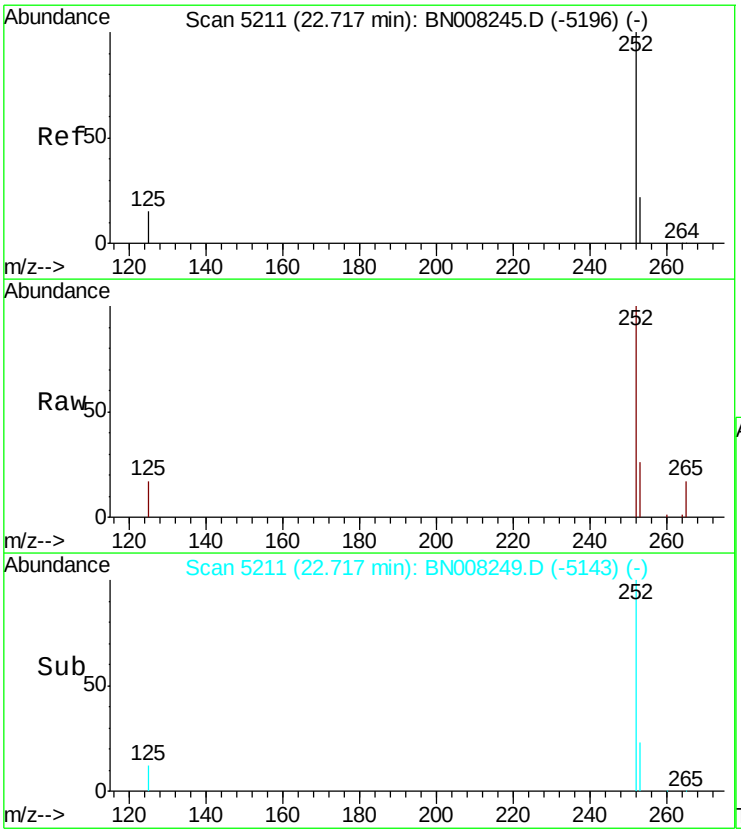
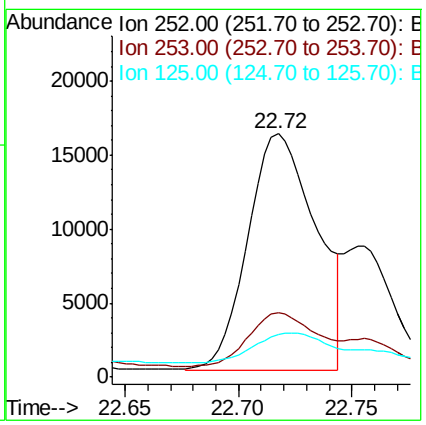
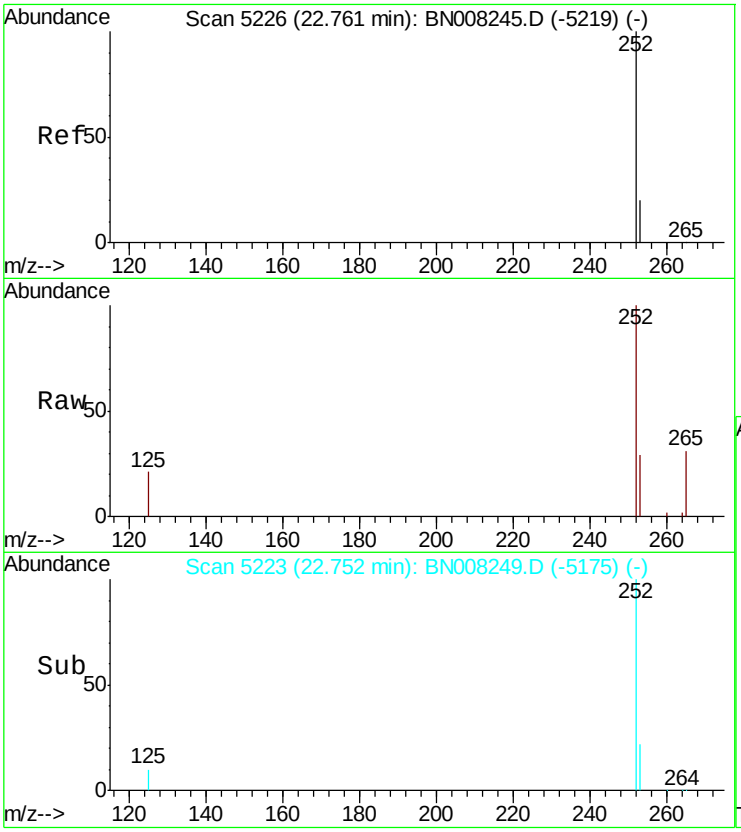


#21
Benzo(b)fluoranthene
Concen: 0.728 ng/ul m
RT: 22.72 min Scan# 5211
Delta R.T. 0.00 min
Lab File: BN008249.D
Acq: 18 Oct 2019 16:12

Tgt Ion:252 Resp: 33578

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	53.4
125	17.3	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 0.250 ng/ul m
RT: 22.75 min Scan# 5223
Delta R.T. -0.01 min
Lab File: BN008249.D
Acq: 18 Oct 2019 16:12

Tgt Ion:252 Resp: 13075

Ion	Ratio	Lower	Upper
252	100		
253	29.1	21.3	31.9
125	20.9	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
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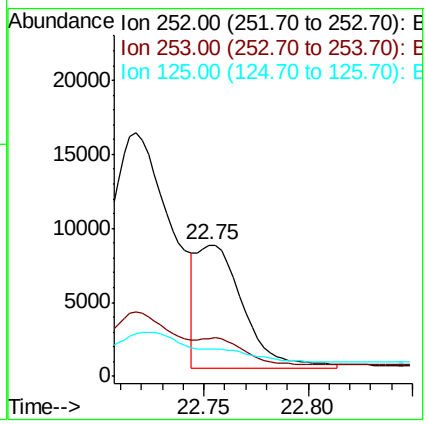
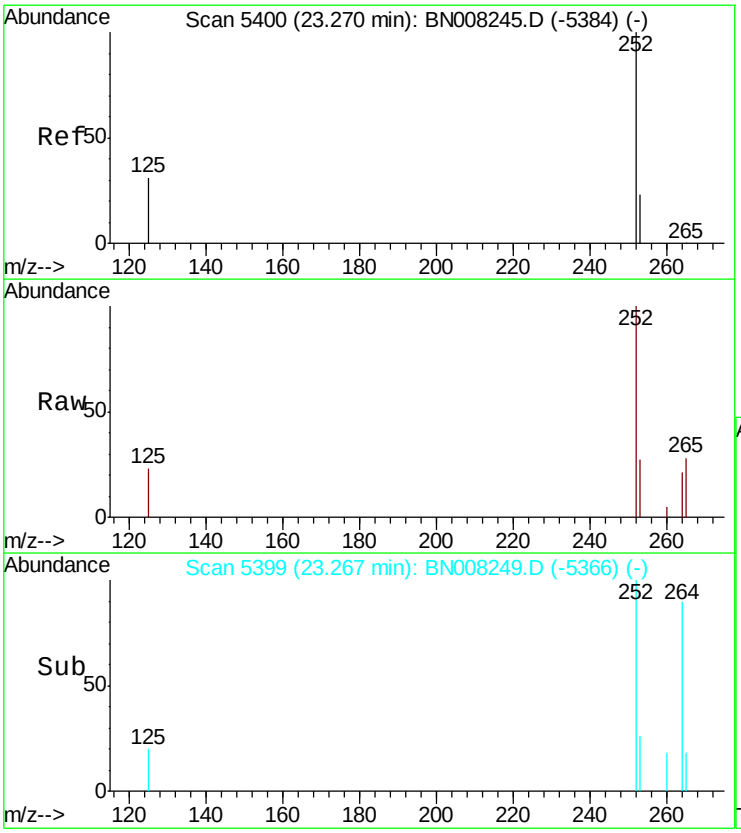
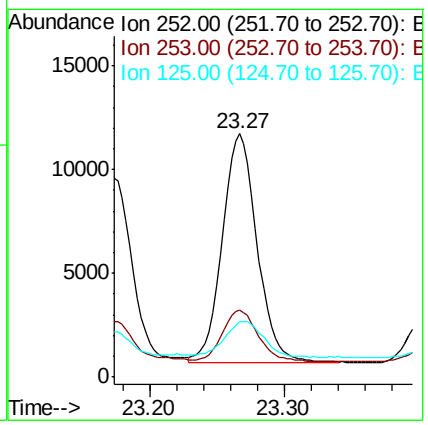


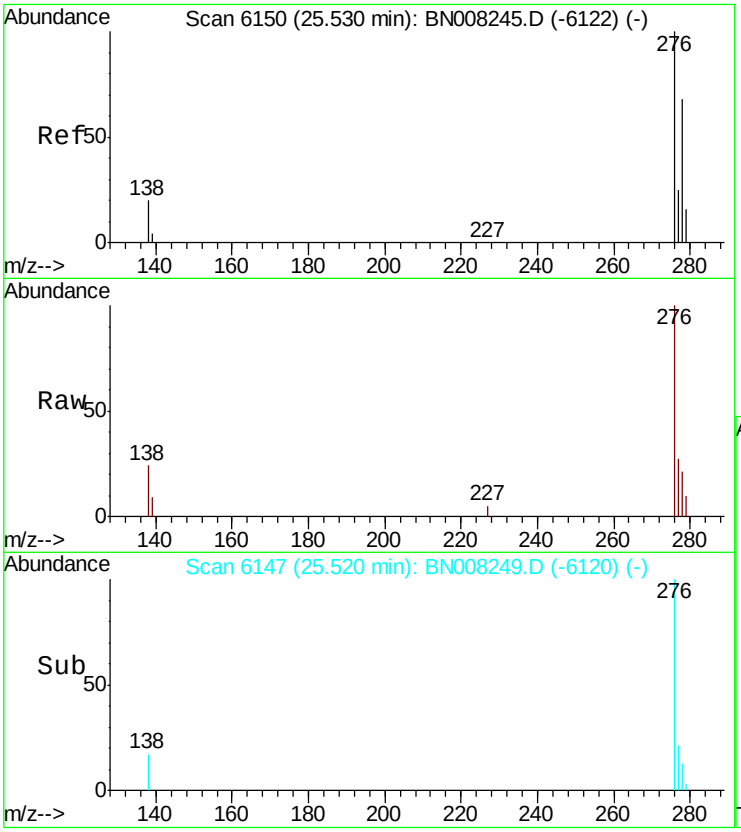


#23
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.27 min Scan# 5399
Delta R.T. -0.00 min
Lab File: BN008249.D
Acq: 18 Oct 2019 16:12

Tgt Ion:252 Resp: 19887

Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.8	34.2
125	22.6	18.4	27.6





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng/ul
RT: 25.52 min Scan# 6147
Delta R.T. -0.01 min
Lab File: BN008249.D
Acq: 18 Oct 2019 16:12

Tgt Ion:276 Resp: 14391

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.1	24.1
227	0.1	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
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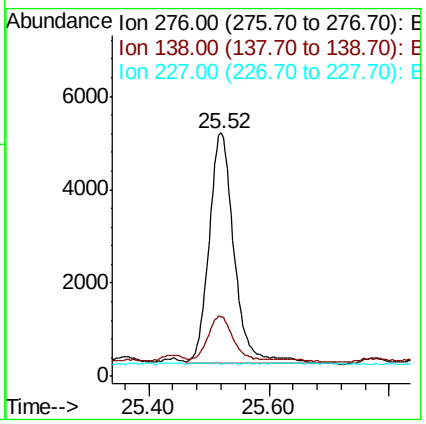
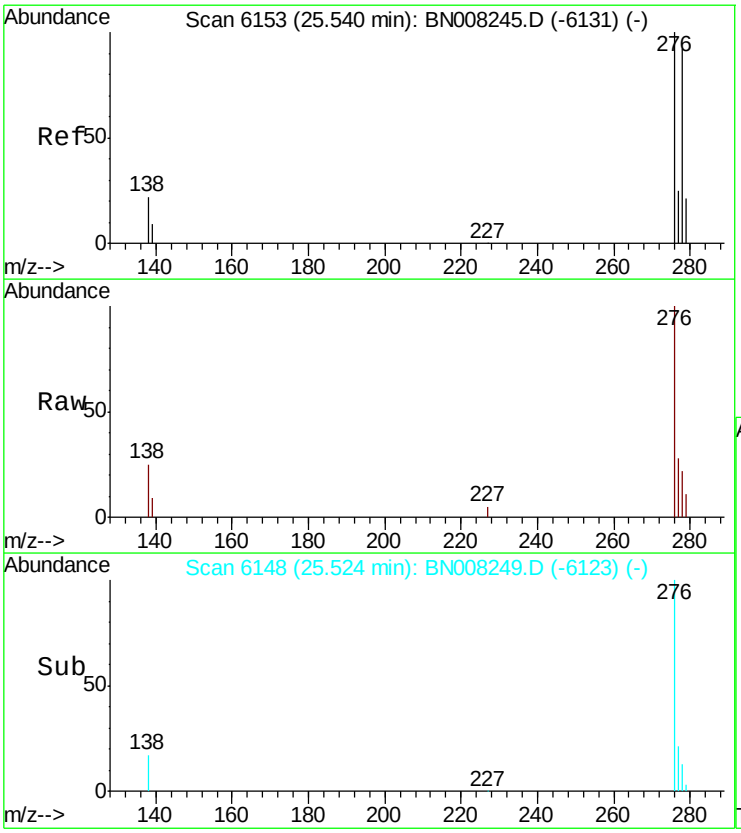
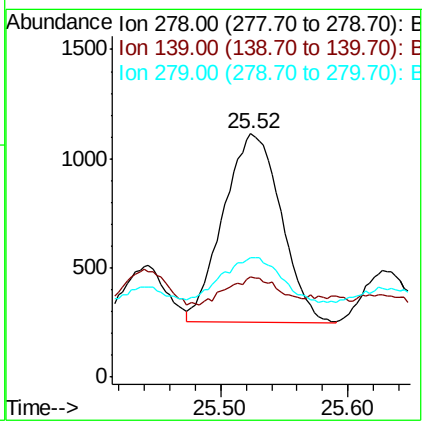


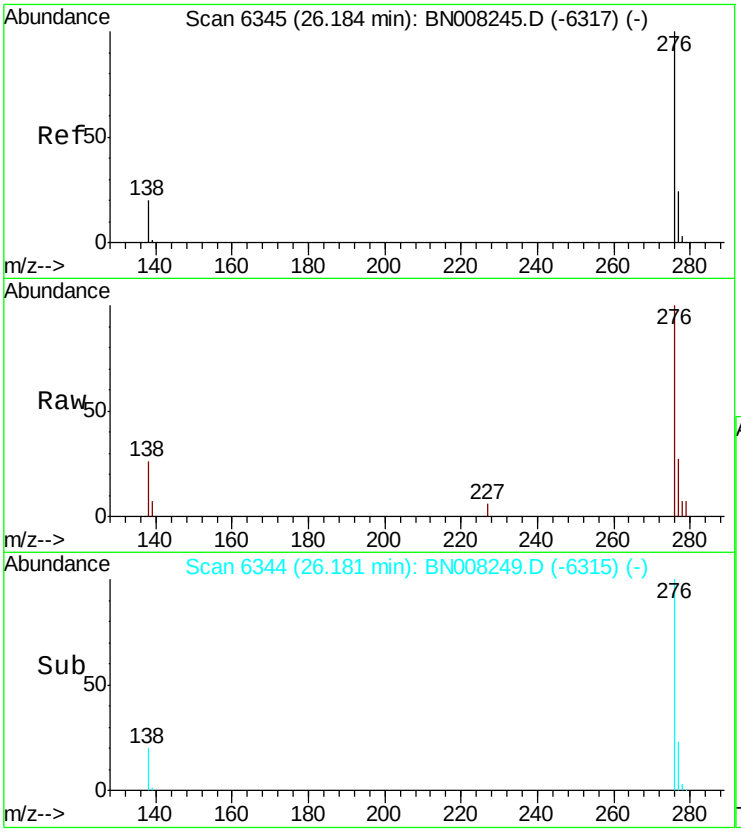


#25
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.52 min Scan# 6148
Delta R.T. -0.02 min
Lab File: BN008249.D
Acq: 18 Oct 2019 16:12

Tgt Ion:278 Resp: 2727

Ion	Ratio	Lower	Upper
278	100		
139	41.1	15.0	22.6#
279	49.3	22.4	33.6#

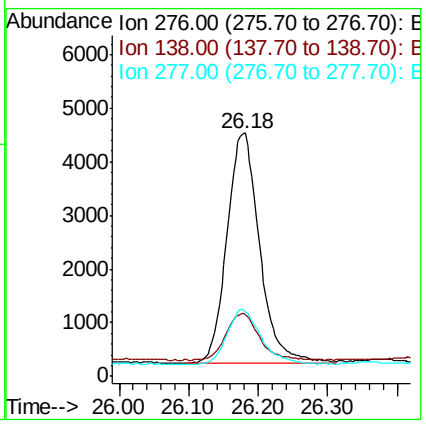




#26
Benzo(g,h,i)perylene
Concen: 0.269 ng/ul
RT: 26.18 min Scan# 6344
Delta R.T. -0.00 min
Lab File: BN008249.D
Acq: 18 Oct 2019 16:12

Tgt Ion:276 Resp: 14103

Ion	Ratio	Lower	Upper
276	100		
138	25.5	17.0	25.4#
277	26.6	20.4	30.6



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