Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008110.D
Acq On : 12 Oct 2019 13:34
Operator : JU
Sample : K5178-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD0

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10/15/2019 7:58:36 AM

Quant Time: Oct 13 03:12:04 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 11 19:05:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1805	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	9075	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	6075	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	14379m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	16044m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	17604	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3302	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	12329m	0.25	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.98	152	1719	0.059	ng/ul#	83
12) Phenanthrene	17.05	178	13288	0.316	ng/ul	99
13) Anthracene	17.14	178	1661m	0.045	ng/ul	
15) Fluoranthene	19.07	202	54733m	0.984	ng/ul	
17) Pyrene	19.44	202	46024	0.720	ng/ul	99
18) Benzo(a)anthracene	21.20	228	22651	0.388	ng/ul	95
19) Chrysene	21.25	228	30491	0.426	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	41377m	0.722	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	13587m	0.209	ng/ul	
23) Benzo(a)pyrene	23.31	252	25203	0.418	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.58	276	17692	0.249	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.58	278	3318	0.059	ng/ul#	29
26) Benzo(g,h,i)perylene	26.24	276	17092	0.262	ng/ul#	91

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

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Sample : K5178-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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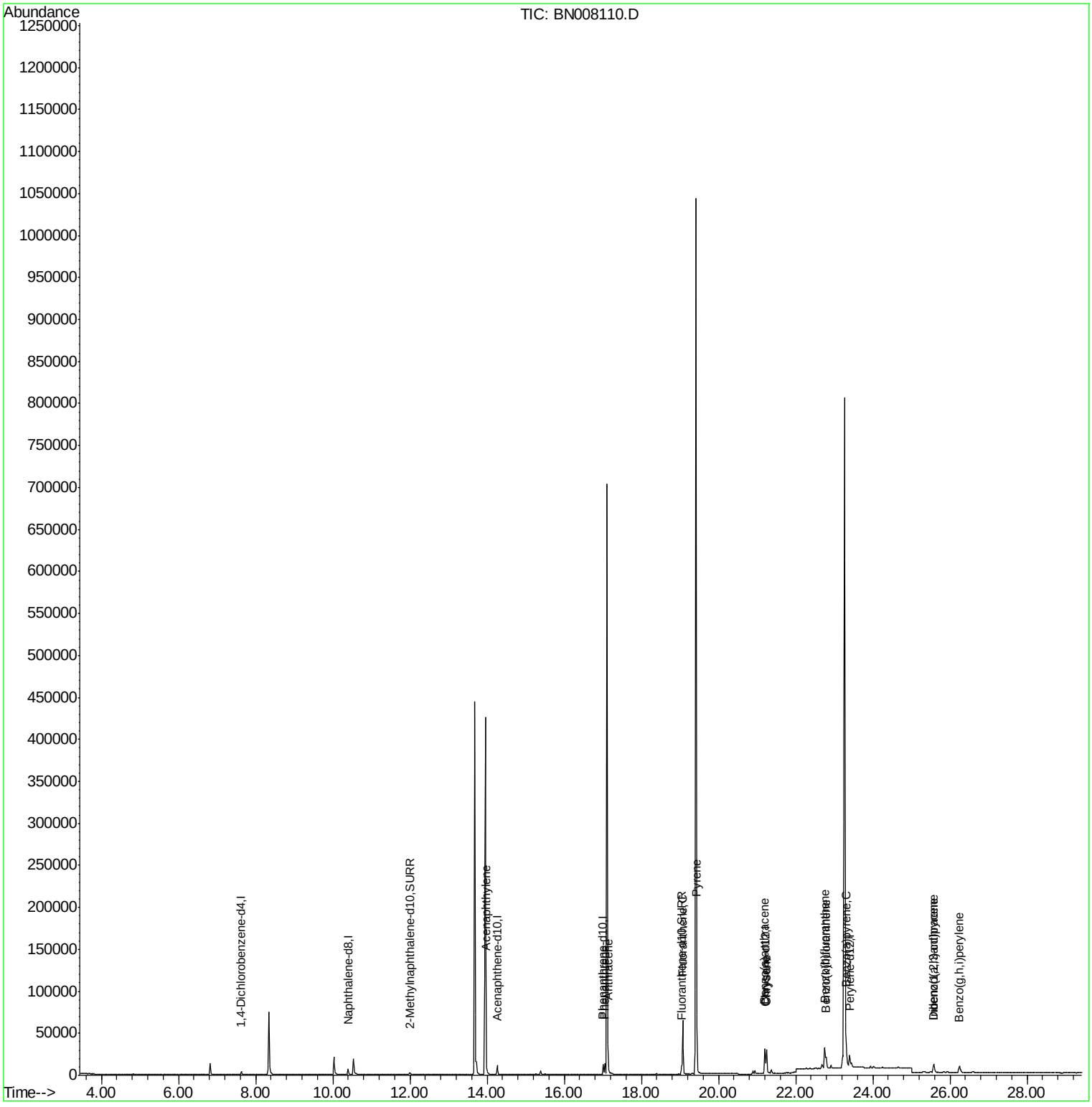
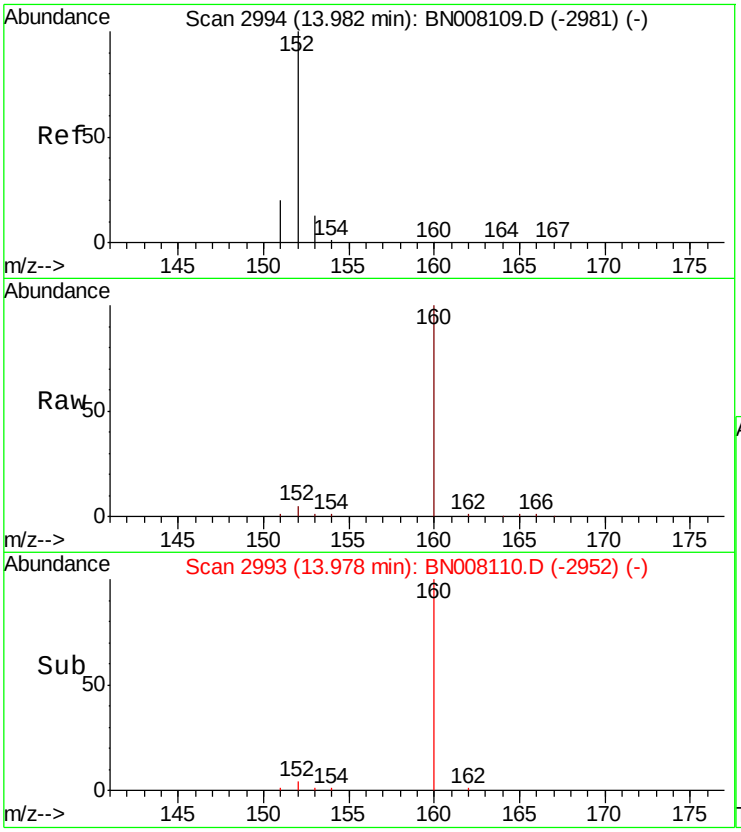
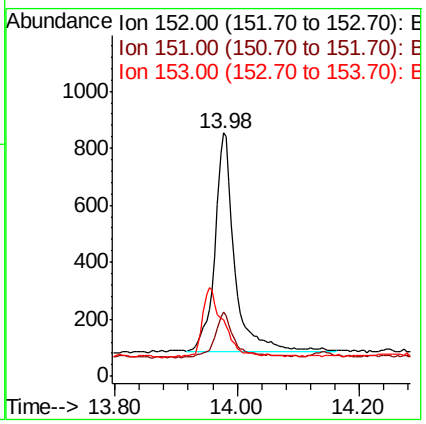




#7
Acenaphthylene
Concen: 0.059 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN008110.D
Acq: 12 Oct 2019 13:34

Tgt Ion:152 Resp: 1719

Ion	Ratio	Lower	Upper
152	100		
151	26.6	16.2	24.4#
153	23.1	11.0	16.4#



Instrument :
BNA_N
ClientSampleId :
BEPD0

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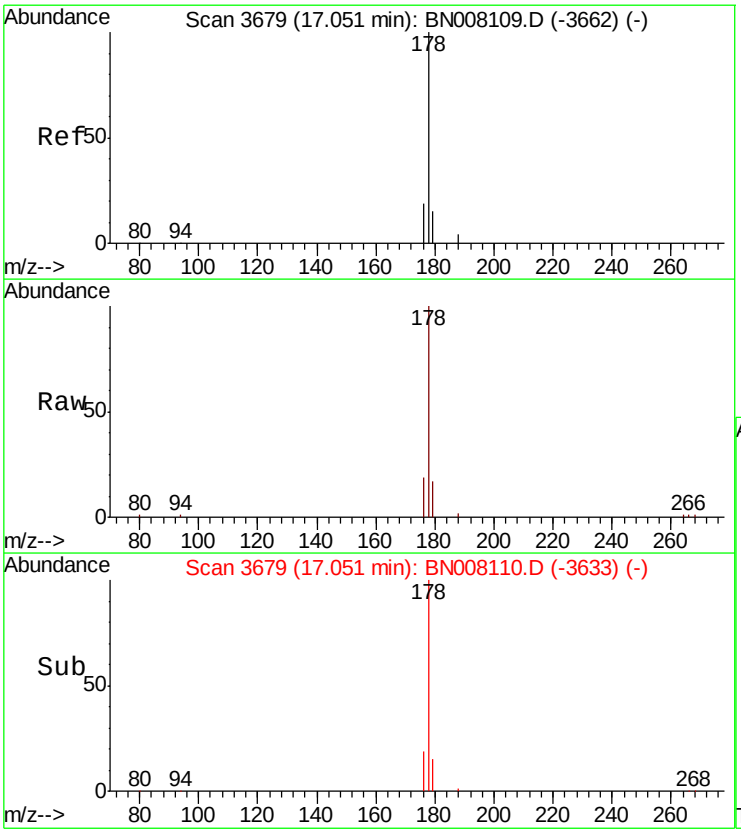
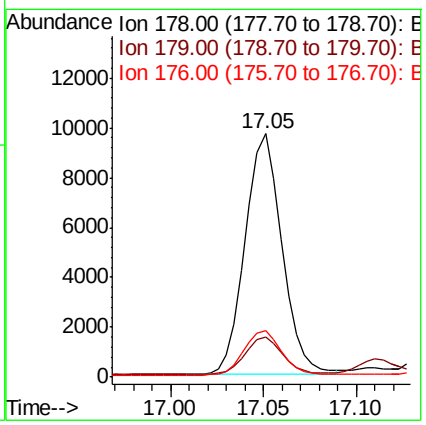
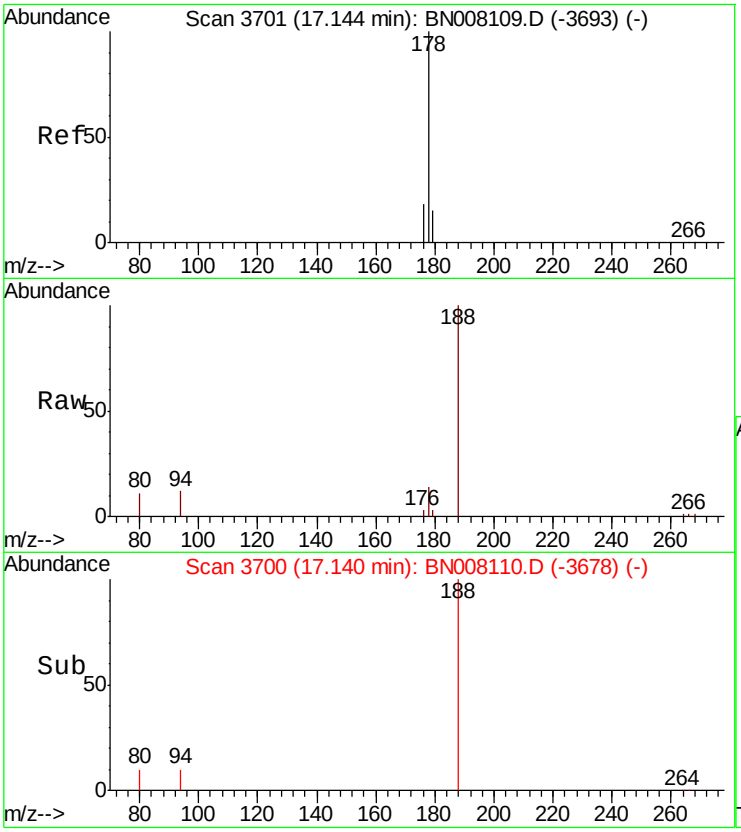


#12
Phenanthrene
Concen: 0.316 ng/ul
RT: 17.05 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN008110.D
Acq: 12 Oct 2019 13:34

Tgt Ion:178 Resp: 13288

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.8	19.2
176	19.2	15.4	23.2





#13
Anthracene
Concen: 0.045 ng/ul m
RT: 17.14 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BN008110.D
Acq: 12 Oct 2019 13:34

Tgt Ion:178 Resp: 1661

Ion	Ratio	Lower	Upper
178	100		
179	25.1	13.0	19.6#
176	23.7	15.0	22.6#

Instrument :
BNA_N
ClientSampleId :
BEPD0

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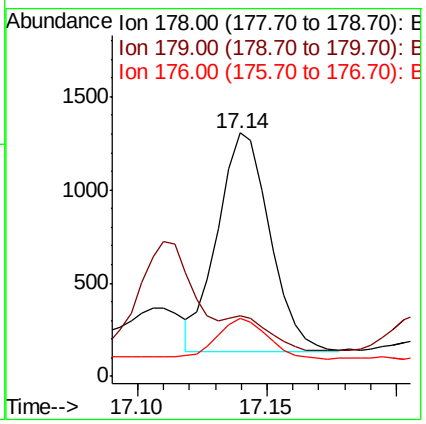
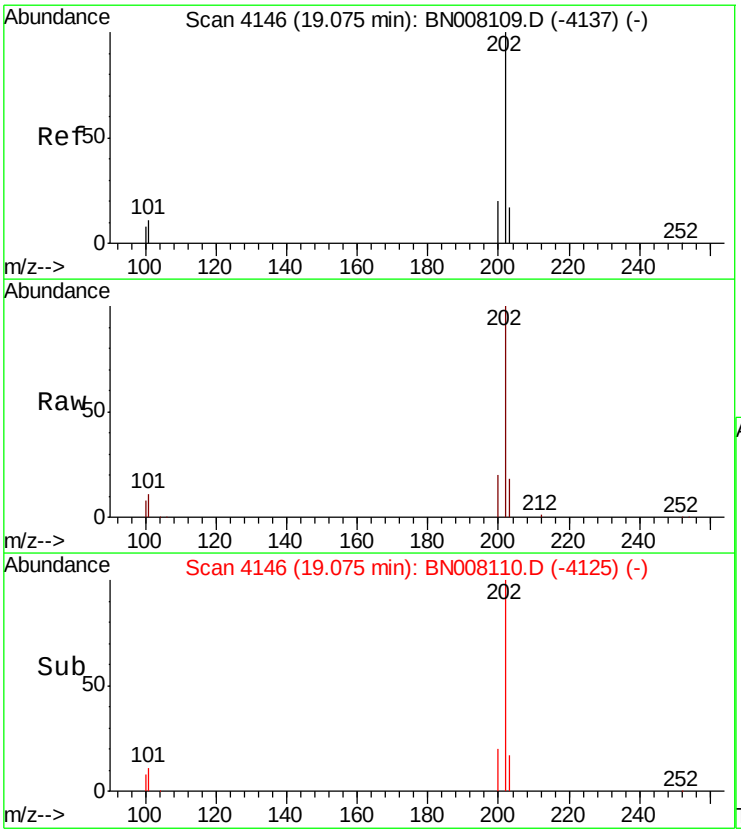
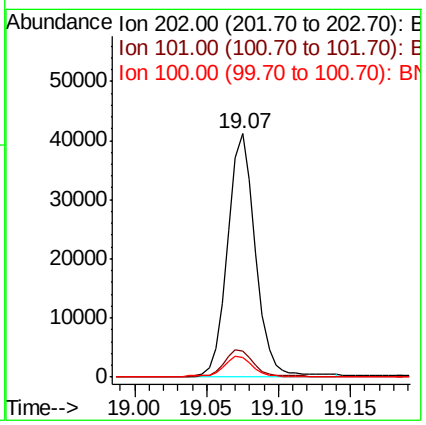


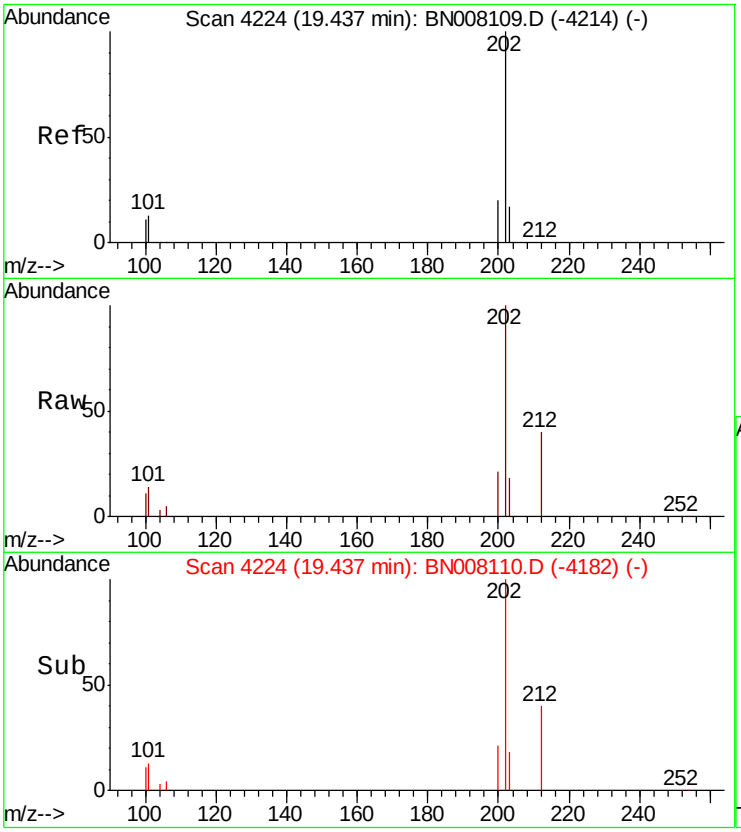


#15
Fluoranthene
Concen: 0.984 ng/ul m
RT: 19.07 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN008110.D
Acq: 12 Oct 2019 13:34

Tgt Ion:202 Resp: 54733

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.2
100	8.1	0.0	28.5





#17
Pyrene
Concen: 0.720 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN008110.D
Acq: 12 Oct 2019 13:34

Tgt Ion:202 Resp: 46024

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.9	16.3
100	11.3	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEPD0

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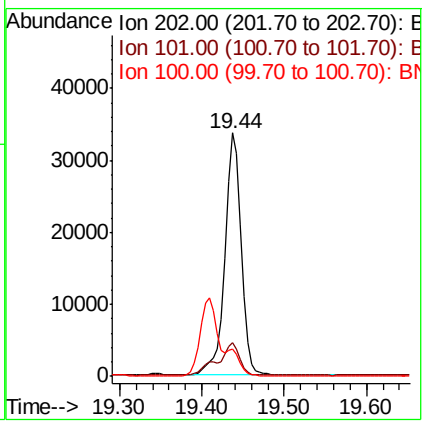
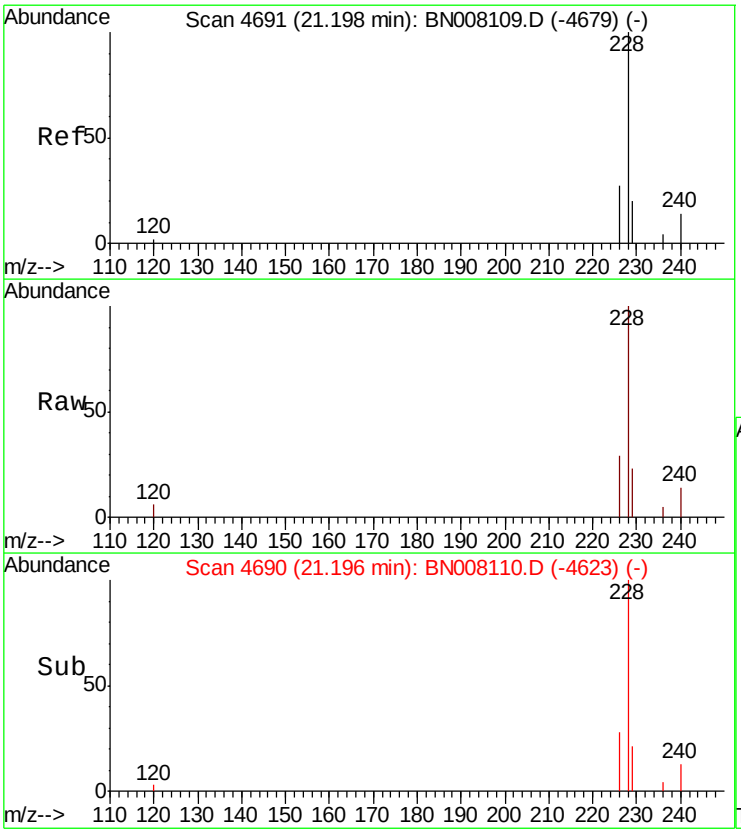
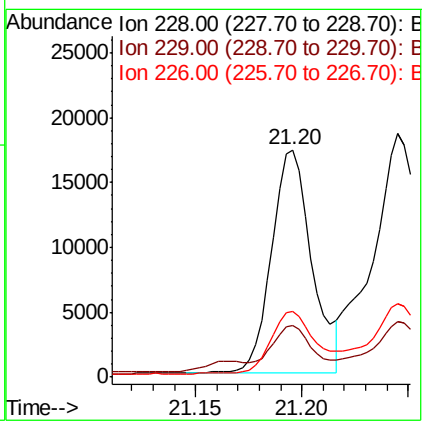


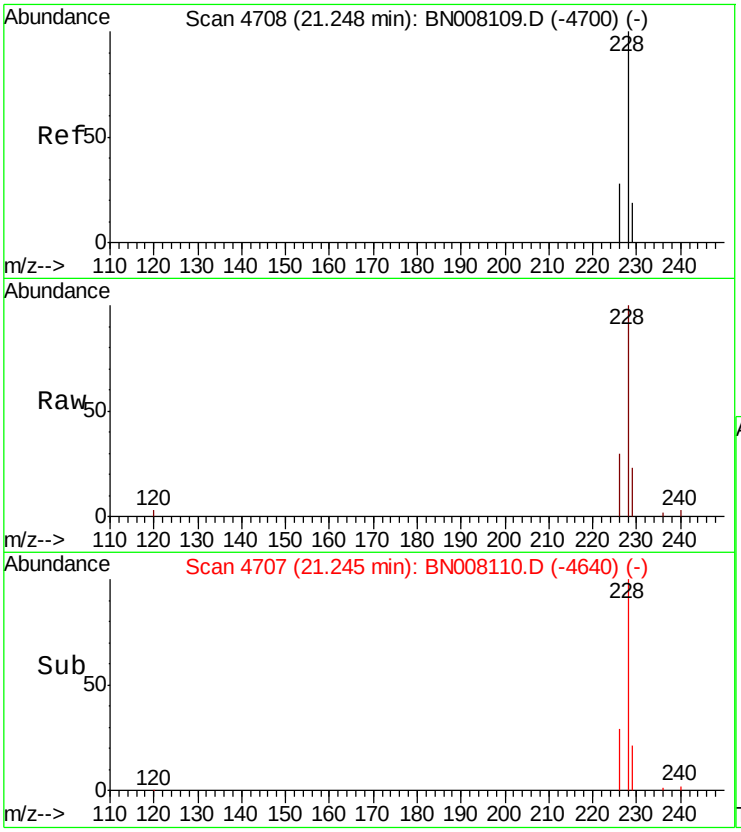


#18
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.20 min Scan# 4690
Delta R.T. -0.01 min
Lab File: BN008110.D
Acq: 12 Oct 2019 13:34

Tgt Ion:228 Resp: 22651

Ion	Ratio	Lower	Upper
228	100		
229	22.9	16.2	24.2
226	29.1	21.4	32.0

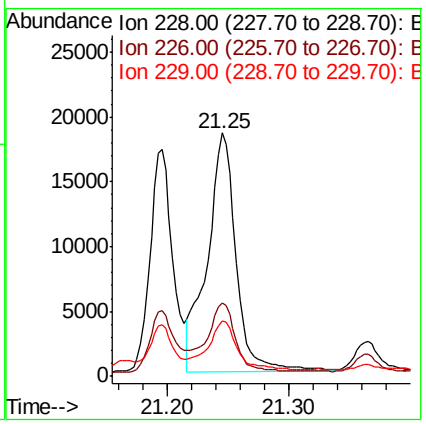




#19
Chrysene
Concen: 0.426 ng/ul
RT: 21.25 min Scan# 4707
Delta R.T. -0.01 min
Lab File: BN008110.D
Acq: 12 Oct 2019 13:34

Tgt Ion:228 Resp: 30491

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	22.8	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
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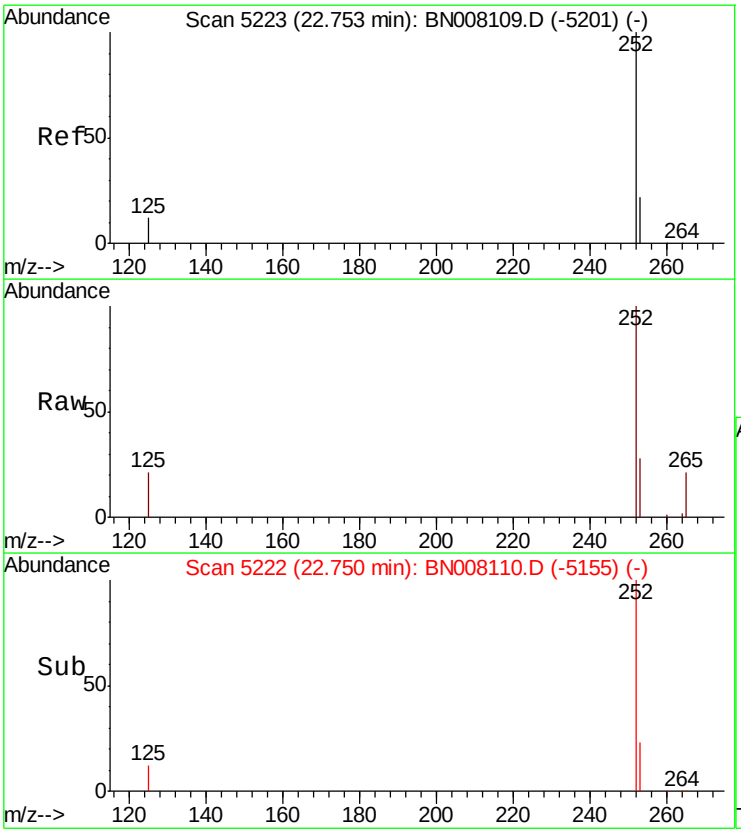
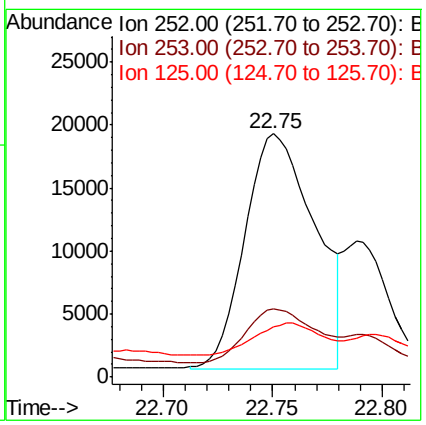
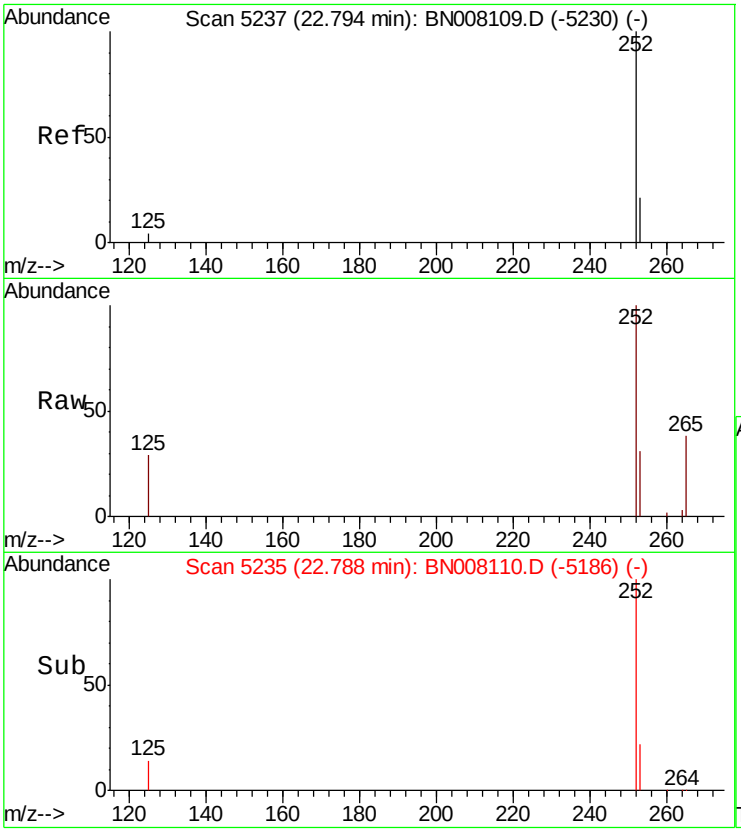


#21
Benzo(b)fluoranthene
Concen: 0.722 ng/ul m
RT: 22.75 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN008110.D
Acq: 12 Oct 2019 13:34

Tgt Ion:252 Resp: 41377

Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	53.4
125	20.5	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 0.209 ng/ul m
RT: 22.79 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN008110.D
Acq: 12 Oct 2019 13:34

Tgt Ion:252 Resp: 13587

Ion	Ratio	Lower	Upper
252	100		
253	31.5	21.3	31.9
125	28.8	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
BEPD0

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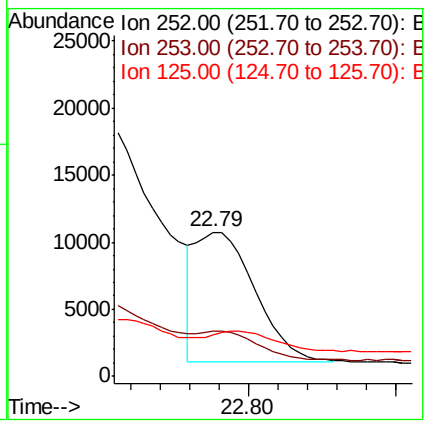
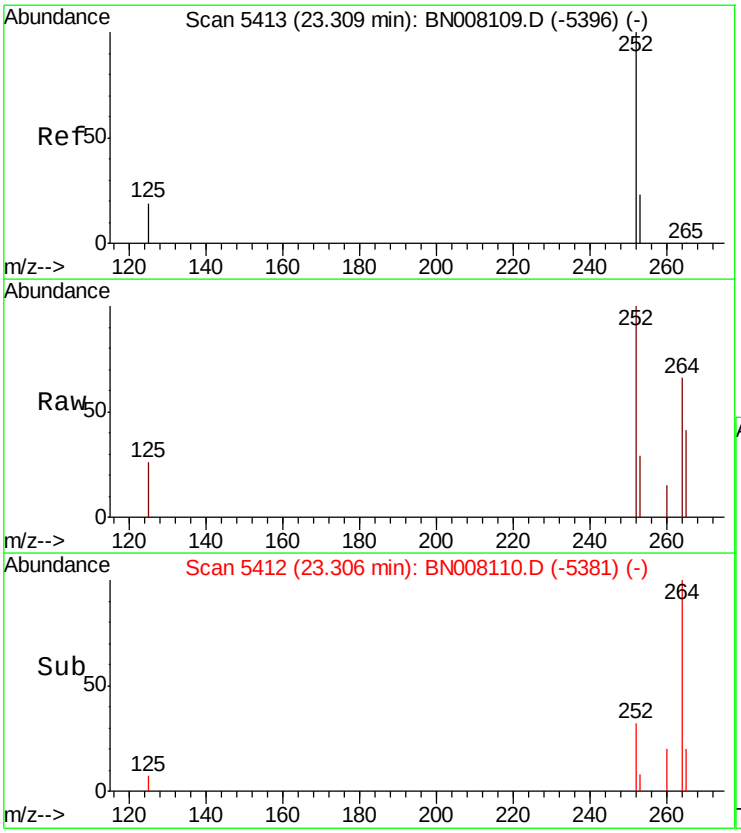
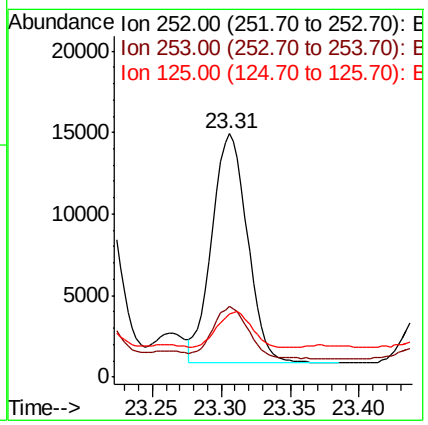


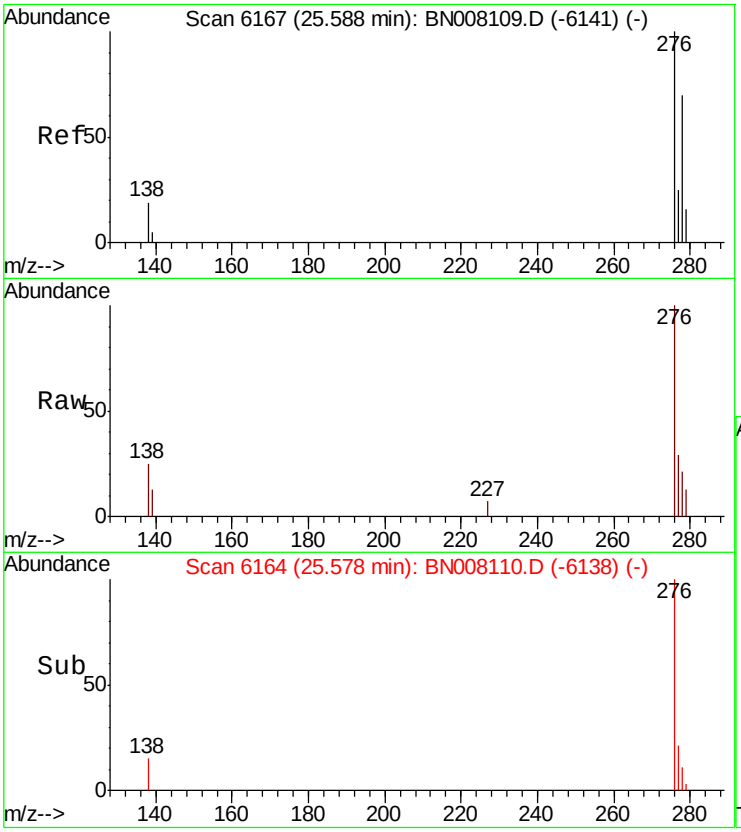


#23
Benzo(a)pyrene
Concen: 0.418 ng/ul
RT: 23.31 min Scan# 5412
Delta R.T. -0.01 min
Lab File: BN008110.D
Acq: 12 Oct 2019 13:34

Tgt Ion:252 Resp: 25203

Ion	Ratio	Lower	Upper
252	100		
253	28.9	22.8	34.2
125	25.9	18.4	27.6





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.249 ng/ul
RT: 25.58 min Scan# 6164
Delta R.T. -0.01 min
Lab File: BN008110.D
Acq: 12 Oct 2019 13:34

Tgt Ion:276 Resp: 17692

Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.1	24.1
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
BEPD0

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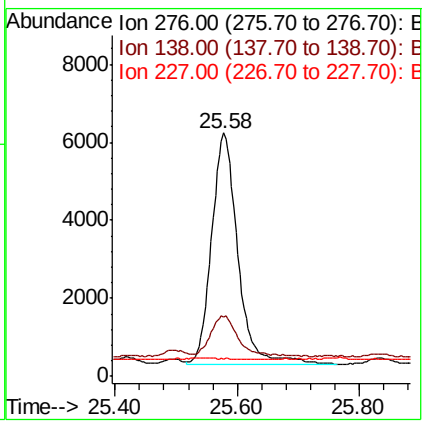
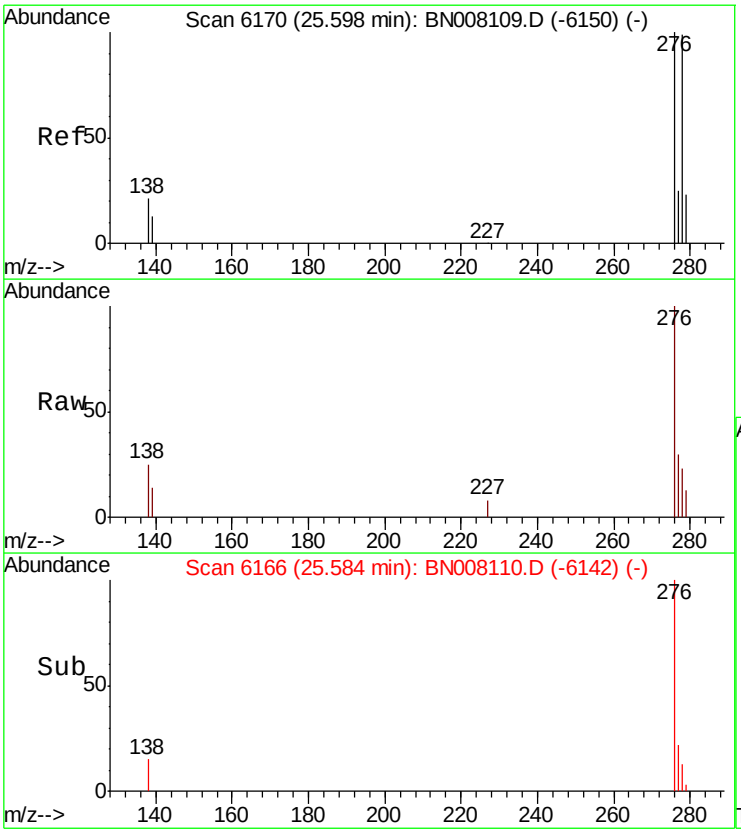
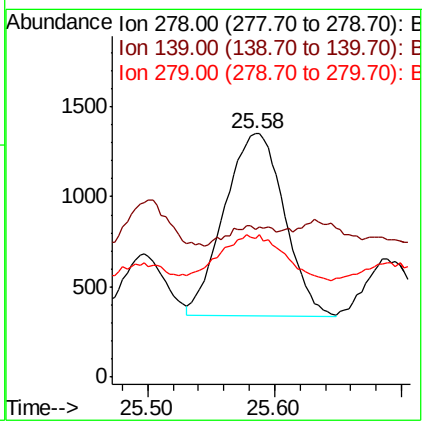


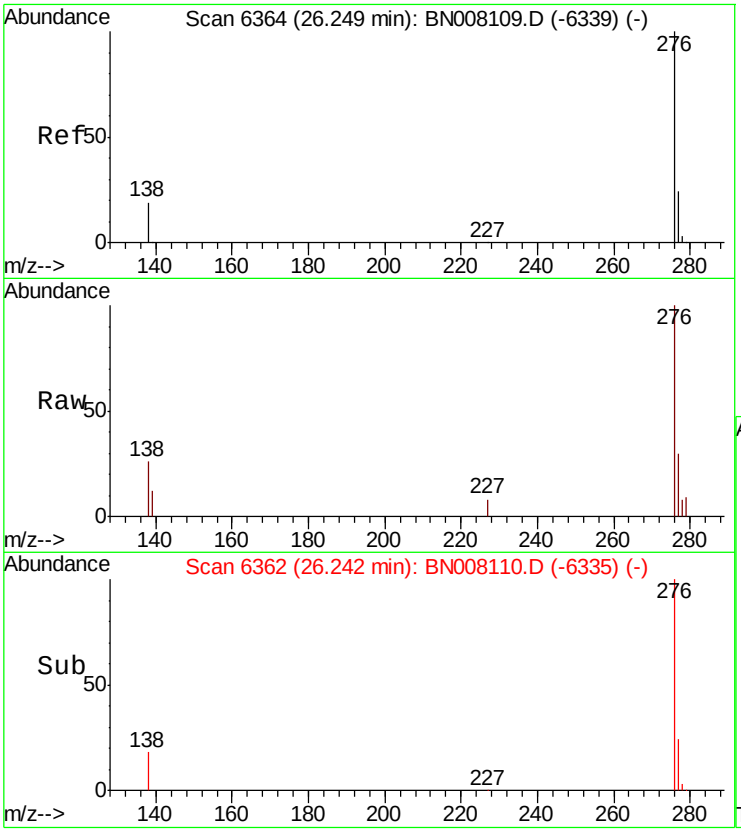


#25
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. -0.02 min
Lab File: BN008110.D
Acq: 12 Oct 2019 13:34

Tgt Ion:278 Resp: 3318

Ion	Ratio	Lower	Upper
278	100		
139	60.7	15.0	22.6#
279	57.1	22.4	33.6#

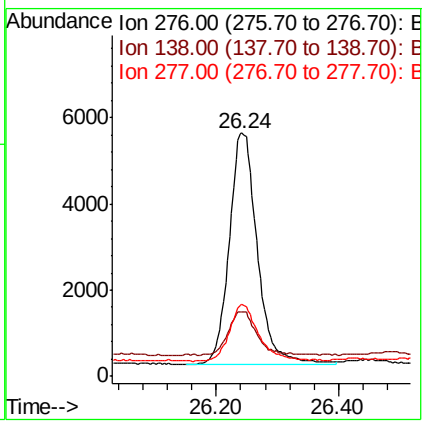




#26
Benzo(g,h,i)perylene
Concen: 0.262 ng/ul
RT: 26.24 min Scan# 6362
Delta R.T. -0.01 min
Lab File: BN008110.D
Acq: 12 Oct 2019 13:34

Tgt Ion:276 Resp: 17092

Ion	Ratio	Lower	Upper
276	100		
138	26.3	17.0	25.4#
277	29.6	20.4	30.6



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