Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008177.D
Acq On : 15 Oct 2019 17:26
Operator : JU
Sample : K5175-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP87

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Quant Time: Oct 16 03:56:44 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 : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1956	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	9764	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6169	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	14096m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	14789m	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	15349	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3827	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	12592m	0.26	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.04	178	3441	0.083	ng/ul	96
15) Fluoranthene	19.06	202	10771m	0.198	ng/ul	
17) Pyrene	19.42	202	9091m	0.154	ng/ul	
18) Benzo(a)anthracene	21.18	228	6010	0.112	ng/ul	95
19) Chrysene	21.23	228	6244	0.095	ng/ul	96
21) Benzo(b)fluoranthene	22.73	252	10115m	0.202	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	3074m	0.054	ng/ul	
23) Benzo(a)pyrene	23.29	252	6210	0.118	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.55	276	4976	0.080	ng/ul	98
25) Dibenzo(a,h)anthracene	25.56	278	1155	0.024	ng/ul#	30
26) Benzo(g,h,i)perylene	26.21	276	4313	0.076	ng/ul#	88

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

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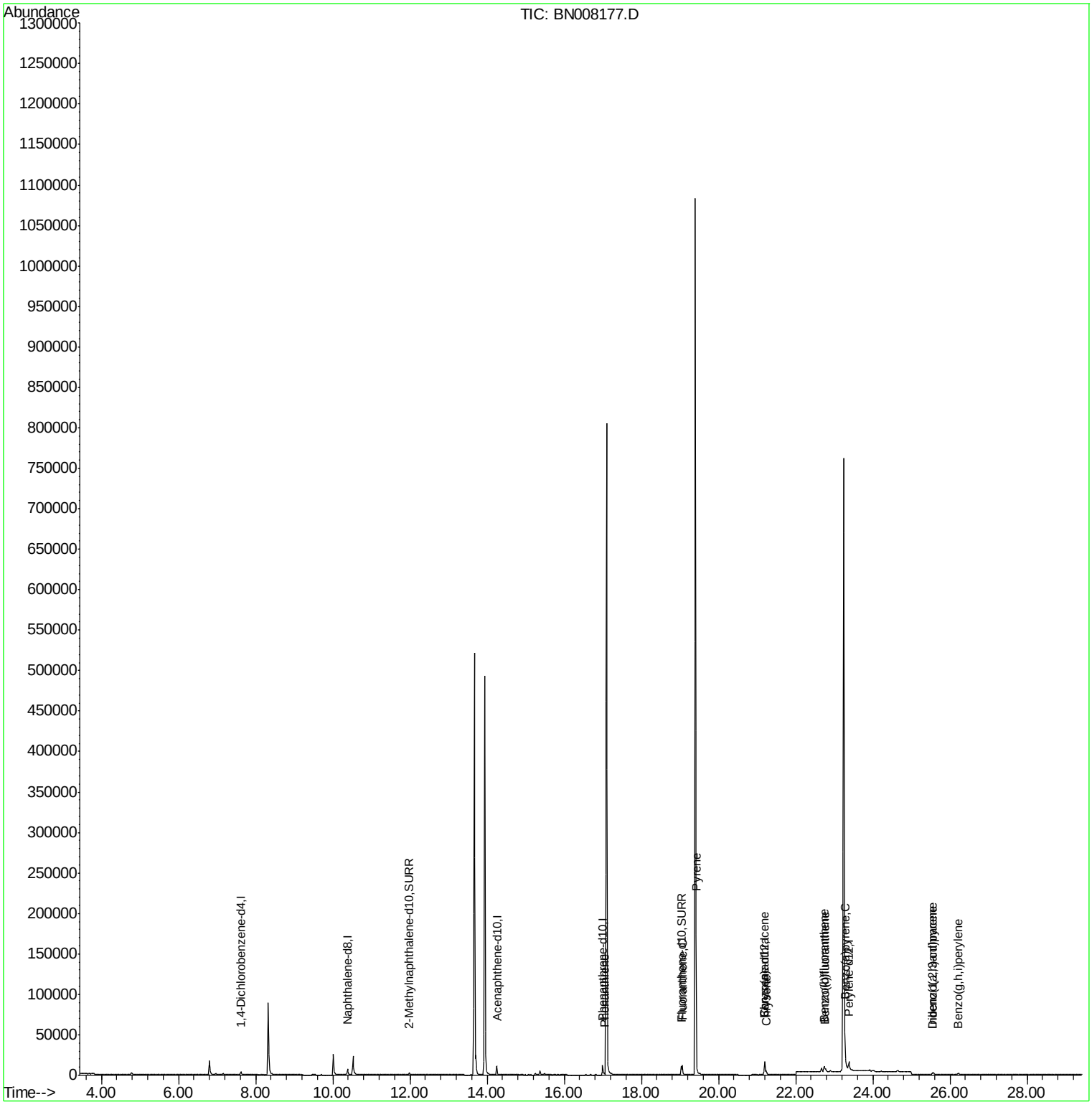
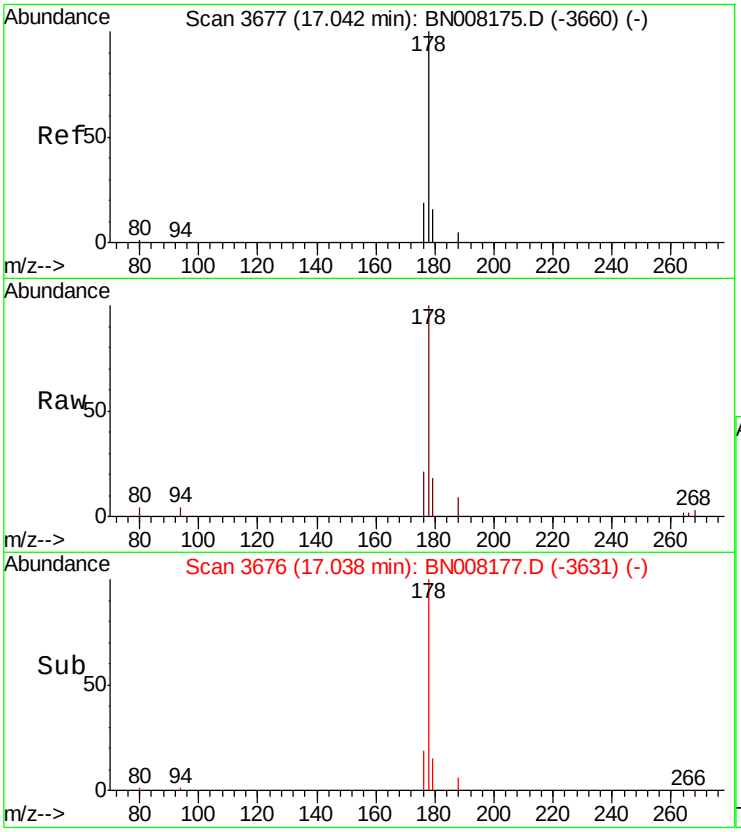
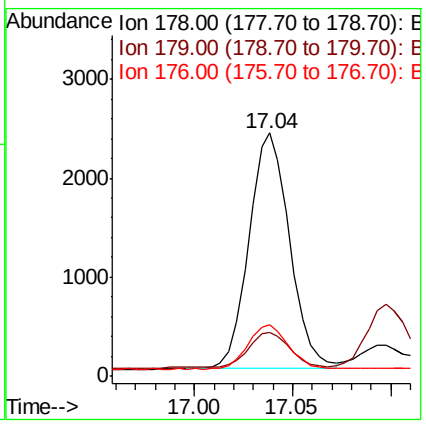




#12
Phenanthrene
Concen: 0.083 ng/ul
RT: 17.04 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BN008177.D
Acq: 15 Oct 2019 17:26

Tgt Ion:178 Resp: 3441

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.8	19.2
176	21.1	15.4	23.2



Instrument :
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ClientSampleId :
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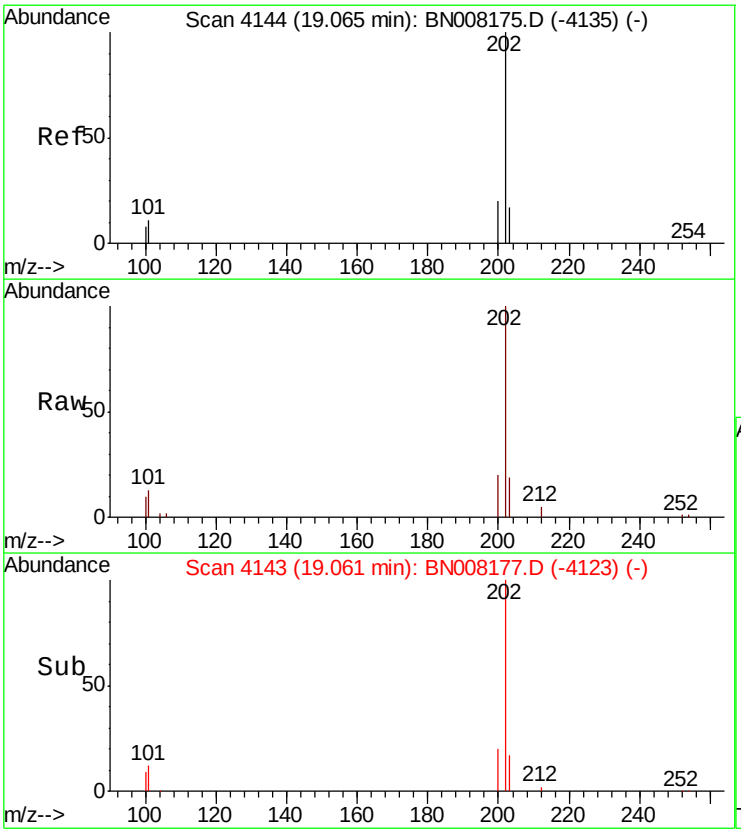
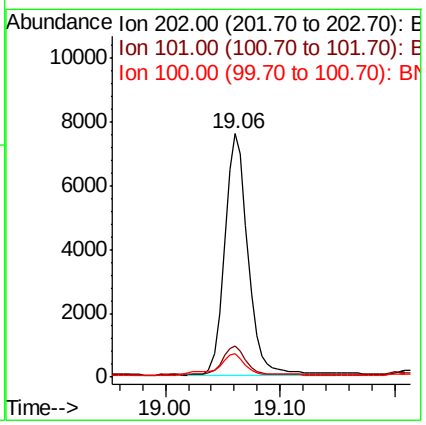
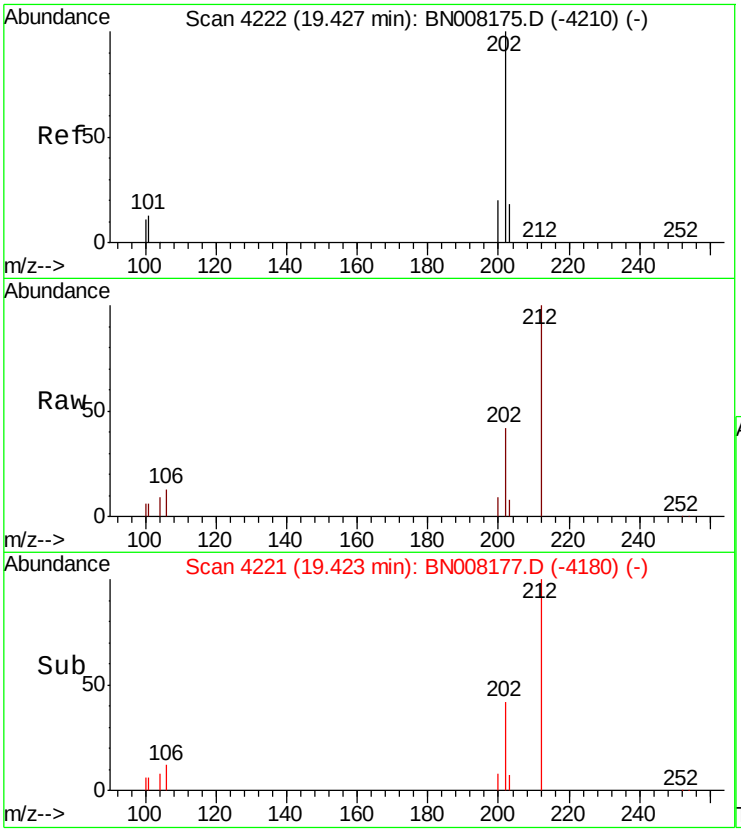


#15
Fluoranthene
Concen: 0.198 ng/ul m
RT: 19.06 min Scan# 4143
Delta R.T. -0.01 min
Lab File: BN008177.D
Acq: 15 Oct 2019 17:26

Tgt Ion:202 Resp: 10771

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.2
100	9.7	0.0	28.5

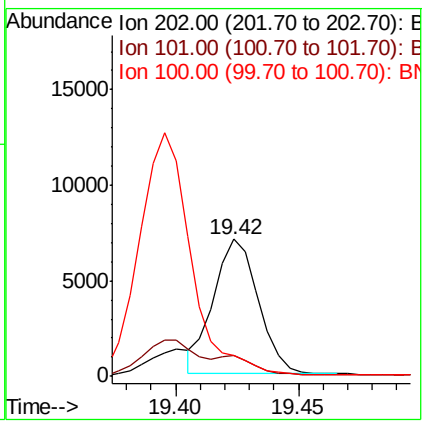




#17
Pyrene
Concen: 0.154 ng/ul m
RT: 19.42 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN008177.D
Acq: 15 Oct 2019 17:26

Tgt Ion:202 Resp: 9091

Ion	Ratio	Lower	Upper
202	100		
101	15.1	10.9	16.3
100	14.9	8.7	13.1#



Instrument :
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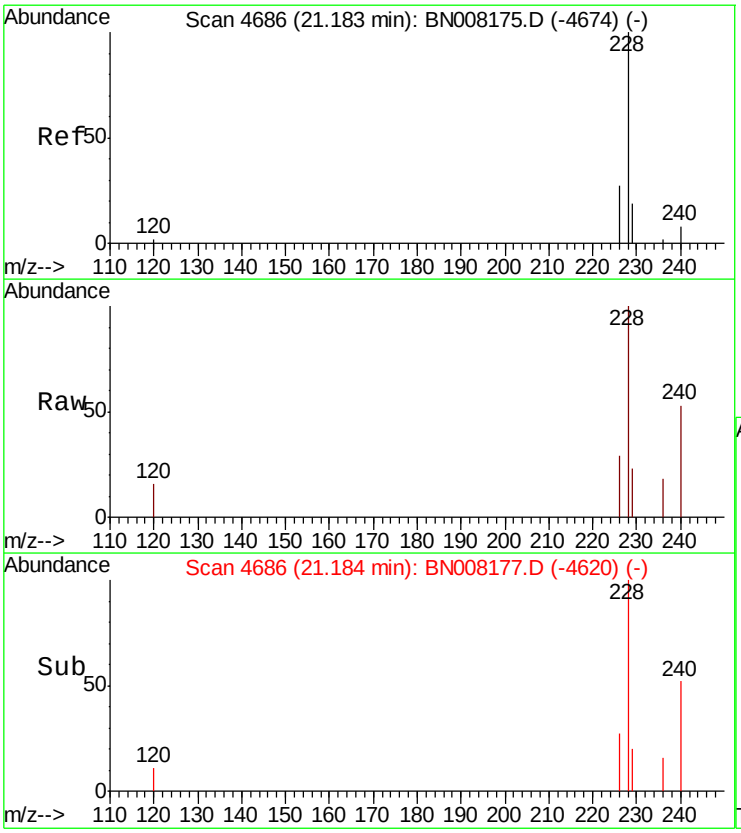
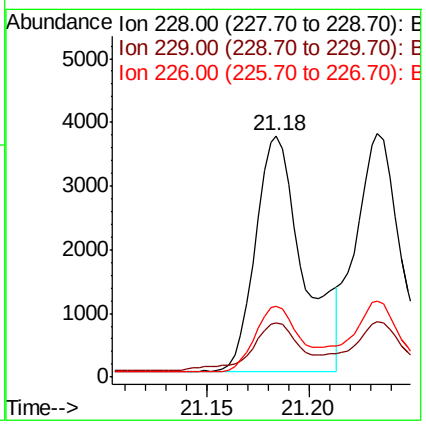
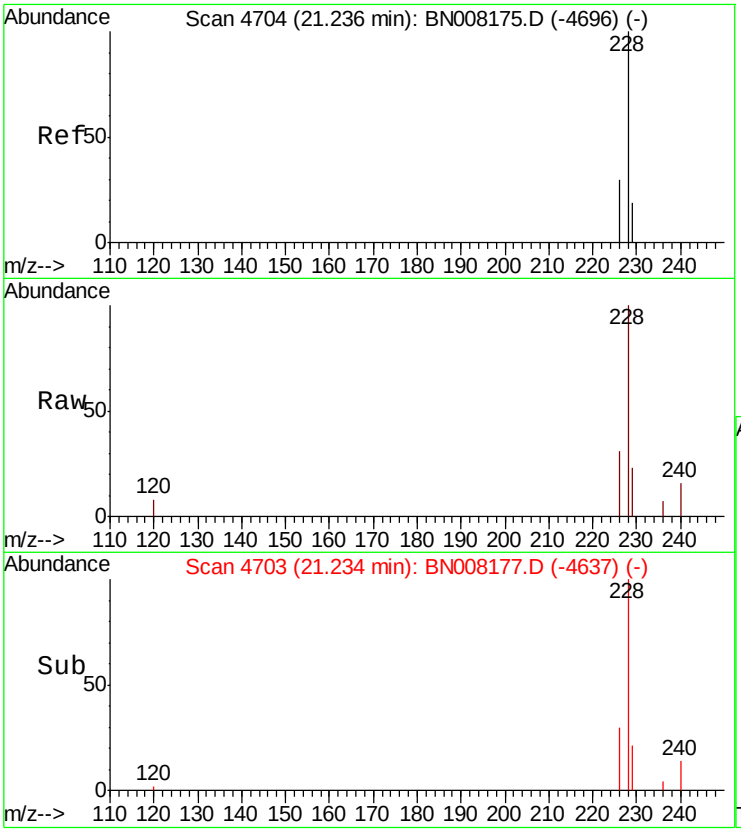


#18
Benzo(a)anthracene
Concen: 0.112 ng/ul
RT: 21.18 min Scan# 4686
Delta R.T. -0.01 min
Lab File: BN008177.D
Acq: 15 Oct 2019 17:26

Tgt Ion:228 Resp: 6010

Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.2	24.2
226	29.3	21.4	32.0

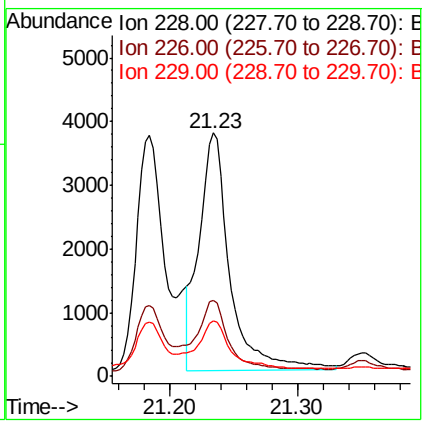




#19
Chrysene
Concen: 0.095 ng/ul
RT: 21.23 min Scan# 4703
Delta R.T. -0.01 min
Lab File: BN008177.D
Acq: 15 Oct 2019 17:26

Tgt Ion:228 Resp: 6244

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.1	36.1
229	23.0	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
BEP87

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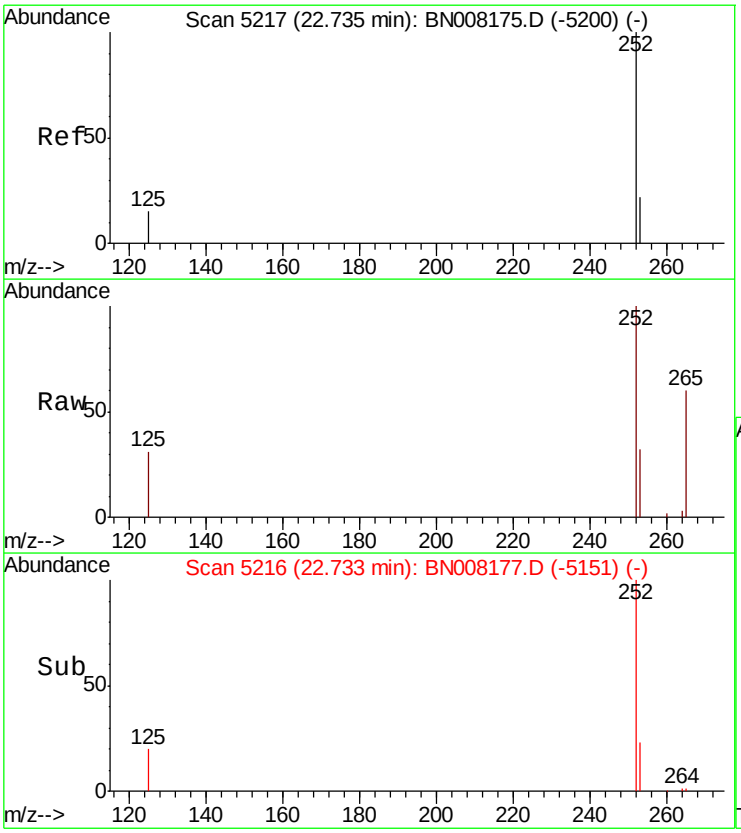
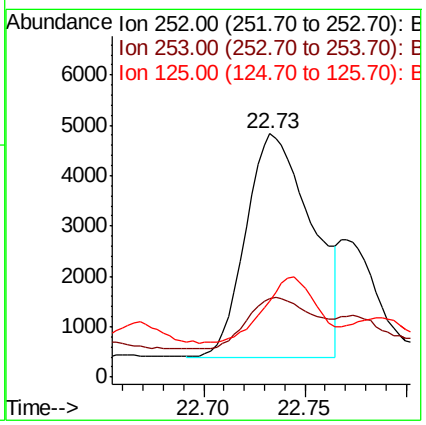
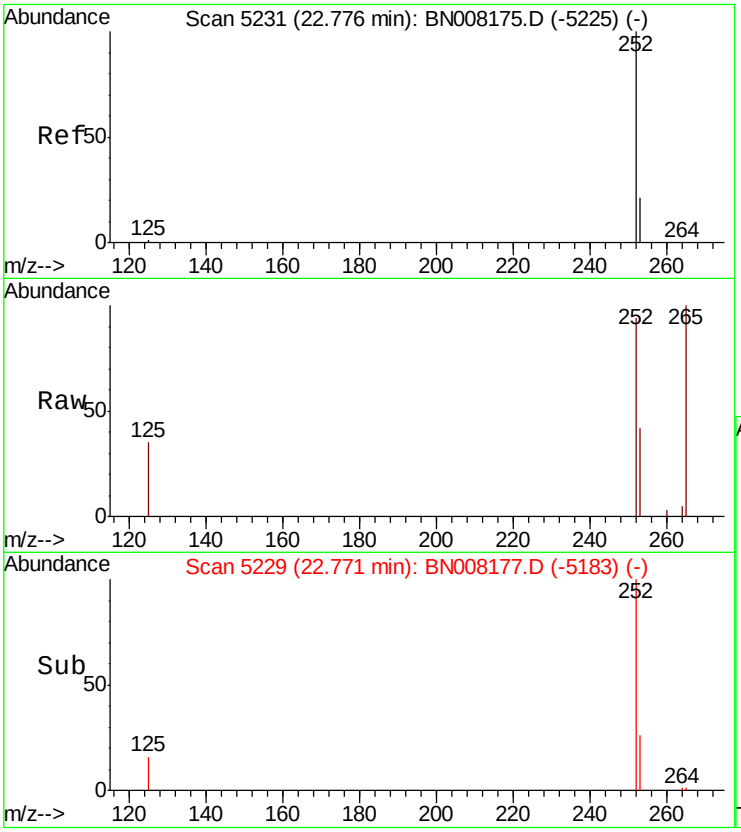


#21
Benzo(b)fluoranthene
Concen: 0.202 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.01 min
Lab File: BN008177.D
Acq: 15 Oct 2019 17:26

Tgt Ion:252 Resp: 10115

Ion	Ratio	Lower	Upper
252	100		
253	32.5	0.0	53.4
125	31.4	0.0	32.4

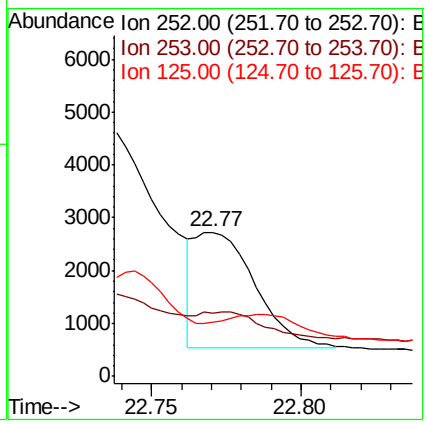




#22
Benzo(k)fluoranthene
Concen: 0.054 ng/ul m
RT: 22.77 min Scan# 5229
Delta R.T. -0.01 min
Lab File: BN008177.D
Acq: 15 Oct 2019 17:26

Tgt Ion:252 Resp: 3074

Ion	Ratio	Lower	Upper
252	100		
253	44.2	21.3	31.9#
125	37.5	12.3	18.5#



Instrument :
BNA_N
ClientSampleId :
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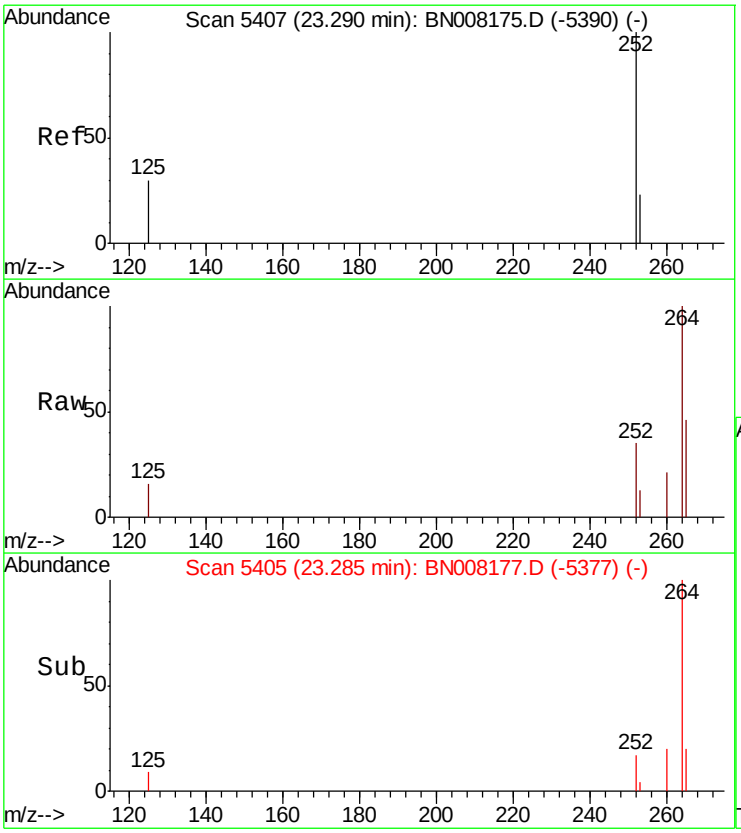
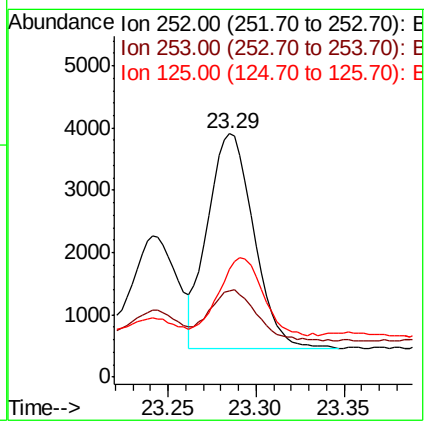
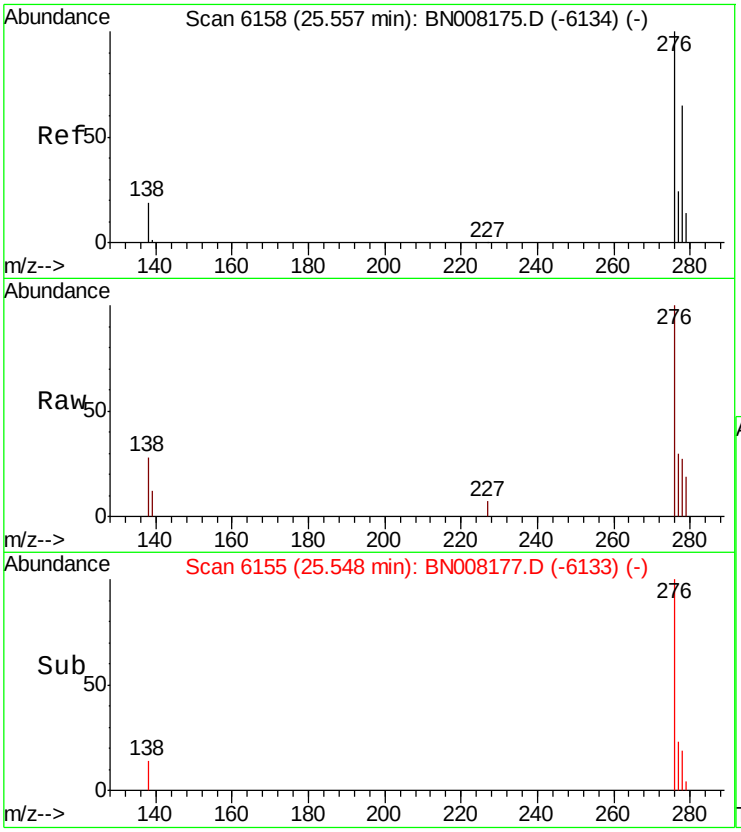


#23
Benzo(a)pyrene
Concen: 0.118 ng/ul
RT: 23.29 min Scan# 5405
Delta R.T. -0.02 min
Lab File: BN008177.D
Acq: 15 Oct 2019 17:26

Tgt Ion:252 Resp: 6210

Ion	Ratio	Lower	Upper
252	100		
253	35.7	22.8	34.2#
125	44.5	18.4	27.6#

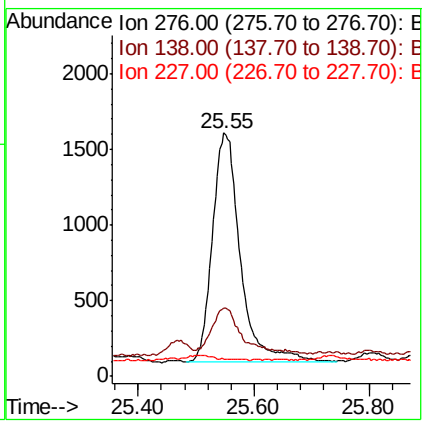




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.080 ng/ul
RT: 25.55 min Scan# 6155
Delta R.T. -0.03 min
Lab File: BN008177.D
Acq: 15 Oct 2019 17:26

Tgt Ion:276 Resp: 4976

Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.1	24.1
227	0.2	0.2	0.2



Instrument :
BNA_N
ClientSampleId :
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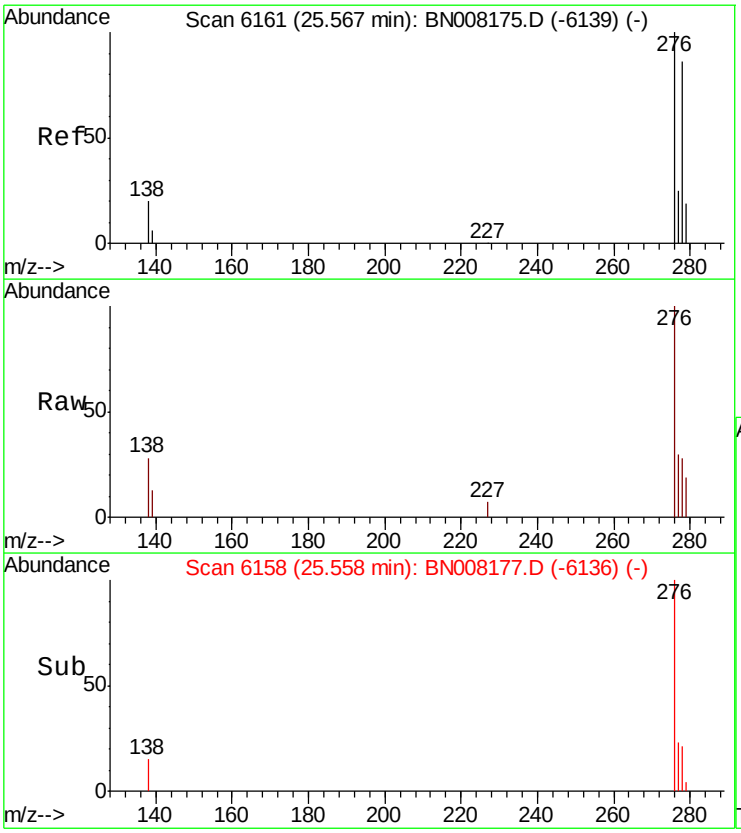
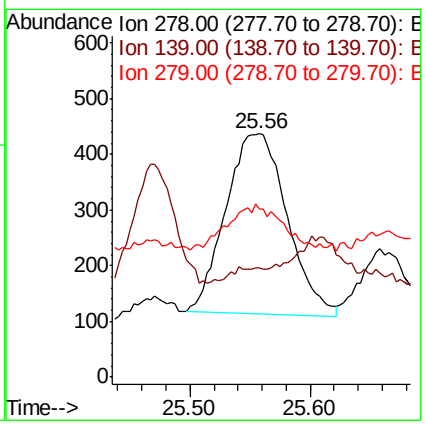
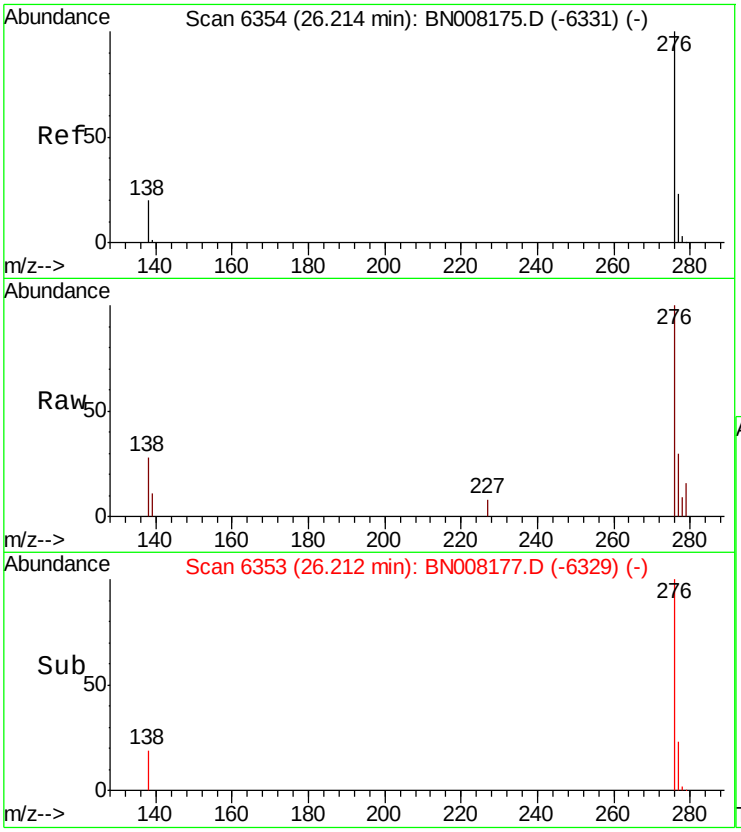


#25
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 25.56 min Scan# 6158
Delta R.T. -0.03 min
Lab File: BN008177.D
Acq: 15 Oct 2019 17:26

Tgt Ion:278 Resp: 1155

Ion	Ratio	Lower	Upper
278	100		
139	45.1	15.0	22.6#
279	69.1	22.4	33.6#

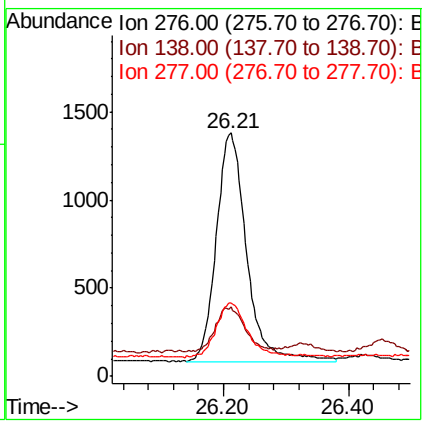




#26
Benzo(g,h,i)perylene
Concen: 0.076 ng/ul
RT: 26.21 min Scan# 6353
Delta R.T. -0.02 min
Lab File: BN008177.D
Acq: 15 Oct 2019 17:26

Tgt Ion:276 Resp: 4313

Ion	Ratio	Lower	Upper
276	100		
138	28.4	17.0	25.4#
277	30.2	20.4	30.6



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