Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\
Data File : BN008210.D
Acq On : 16 Oct 2019 22:08
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 17 03:00:54 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 : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

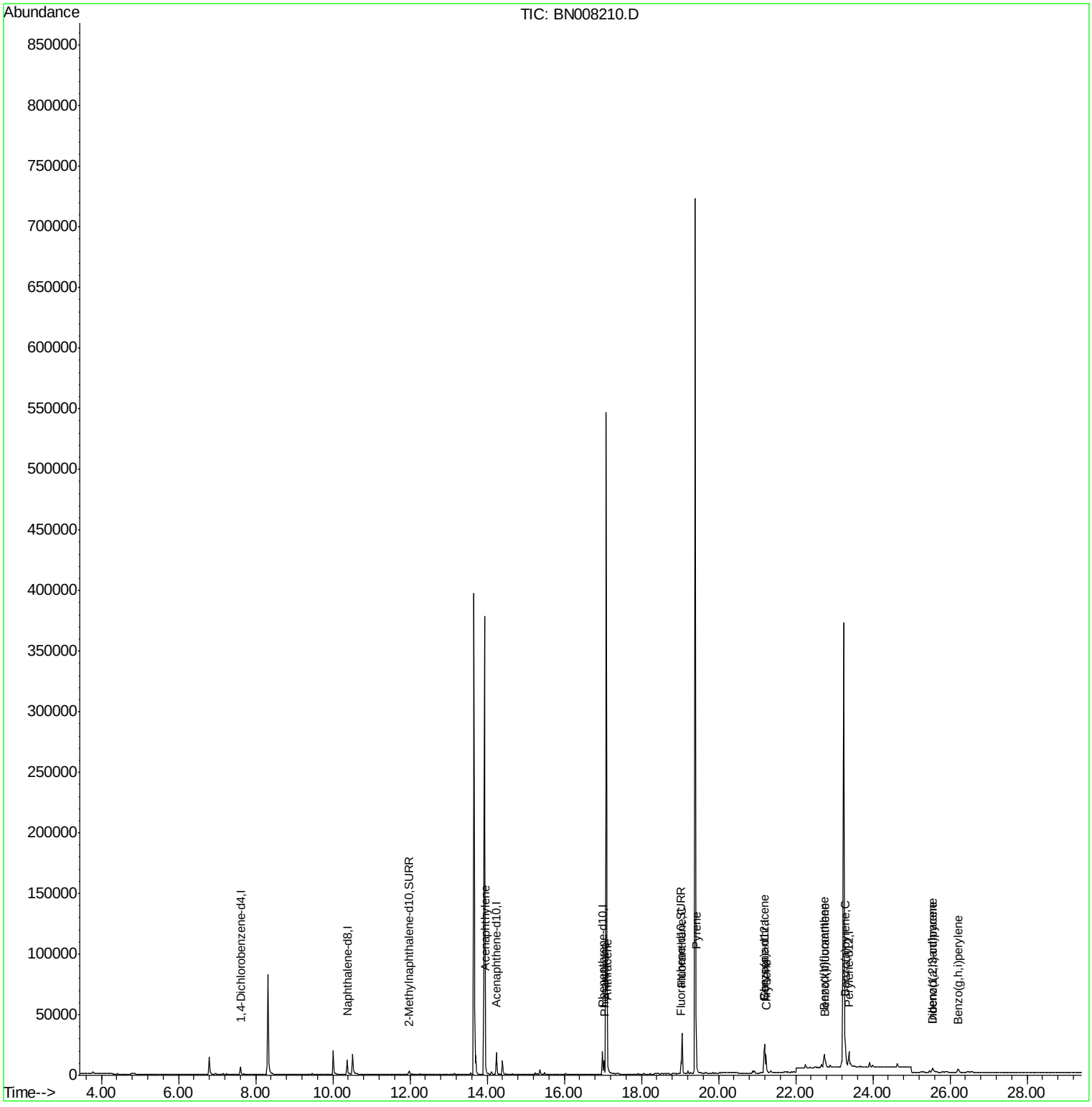
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3444	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	16460	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	10250	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	22196m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	17598	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	13711	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4519	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	12519	0.16	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.96	152	1016	0.021	ng/ul#	83
12) Phenanthrene	17.03	178	12024	0.185	ng/ul	99
13) Anthracene	17.12	178	2716	0.047	ng/ul#	92
15) Fluoranthene	19.06	202	28705	0.334	ng/ul	98
17) Pyrene	19.42	202	27928	0.399	ng/ul	99
18) Benzo(a)anthracene	21.18	228	14772	0.231	ng/ul	92
19) Chrysene	21.23	228	13707m	0.175	ng/ul	
21) Benzo(b)fluoranthene	22.73	252	14230m	0.319	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	5364m	0.106	ng/ul	
23) Benzo(a)pyrene	23.28	252	10766	0.229	ng/ul#	51
24) Indeno(1,2,3-cd)pyrene	25.55	276	6251	0.113	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.55	278	1411	0.032	ng/ul#	1
26) Benzo(g,h,i)perylene	26.21	276	6237	0.123	ng/ul#	79

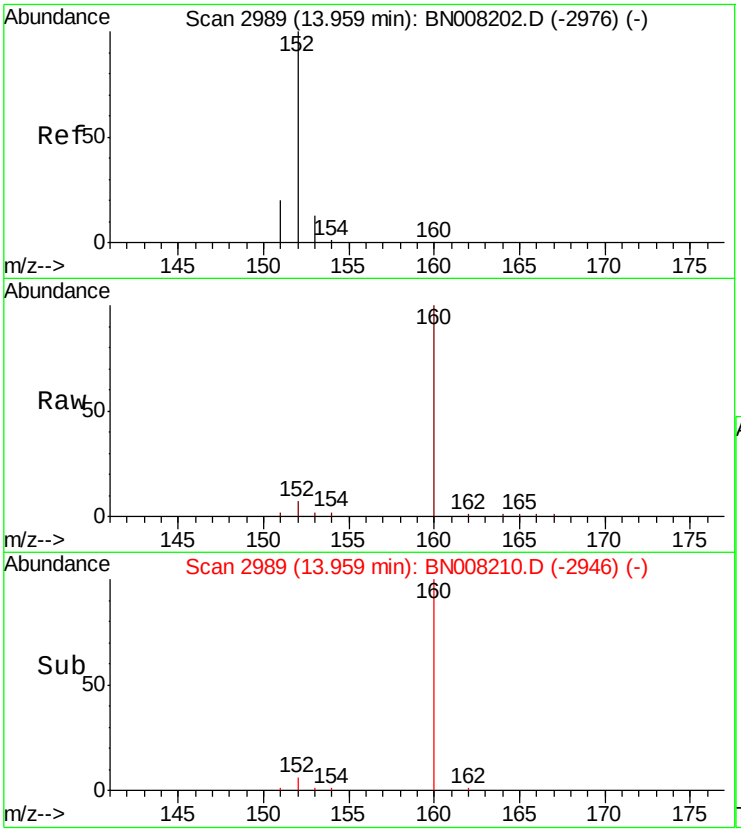
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\
Data File : BN008210.D
Acq On : 16 Oct 2019 22:08
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 17 03:00:54 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 : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

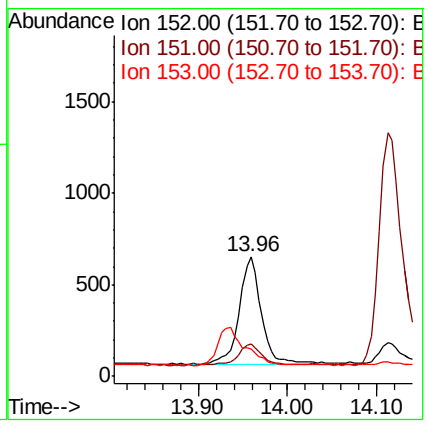


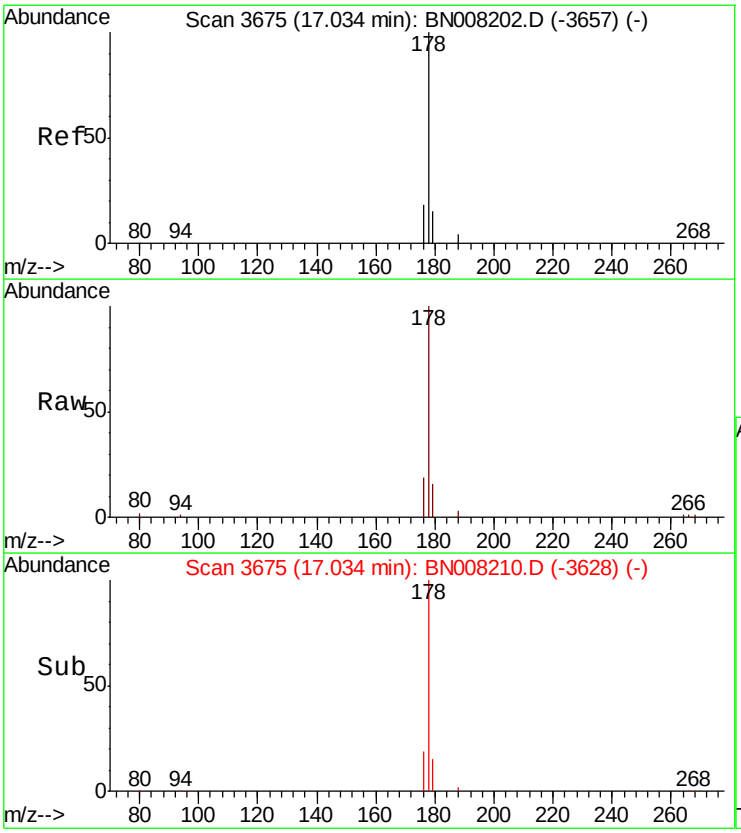


#7
Acenaphthylene
Concen: 0.021 ng/ul
RT: 13.96 min Scan# 2989
Delta R.T. 0.00 min
Lab File: BN008210.D
Acq: 16 Oct 2019 22:08

Tgt Ion:152 Resp: 1016

Ion	Ratio	Lower	Upper
152	100		
151	26.8	16.2	24.4#
153	22.7	11.0	16.4#

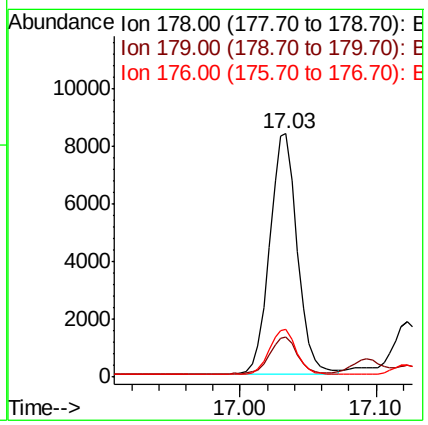


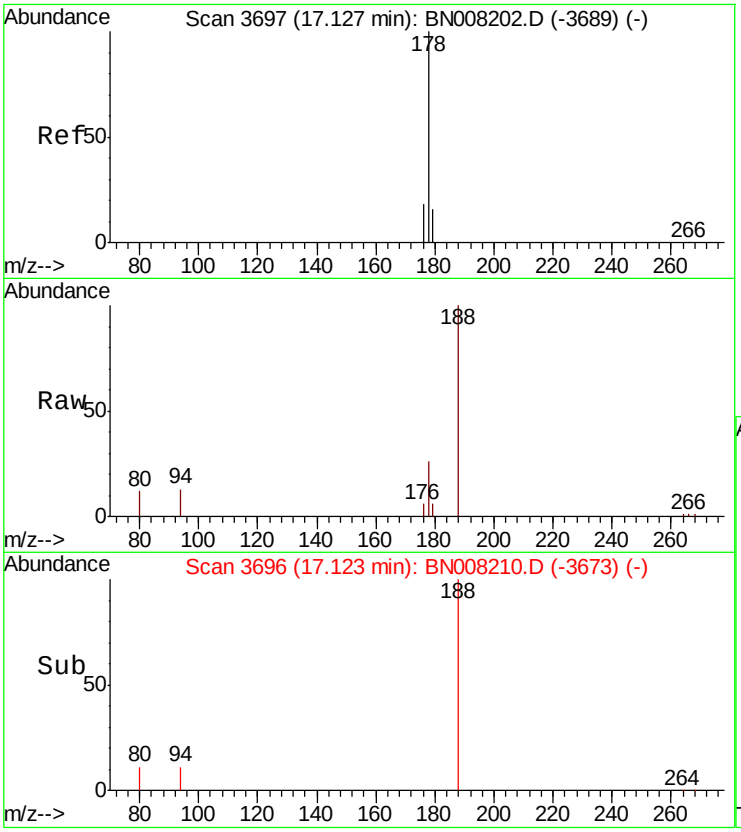


#12
Phenanthrene
Concen: 0.185 ng/ul
RT: 17.03 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BN008210.D
Acq: 16 Oct 2019 22:08

Tgt Ion:178 Resp: 12024

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	19.4	15.4	23.2

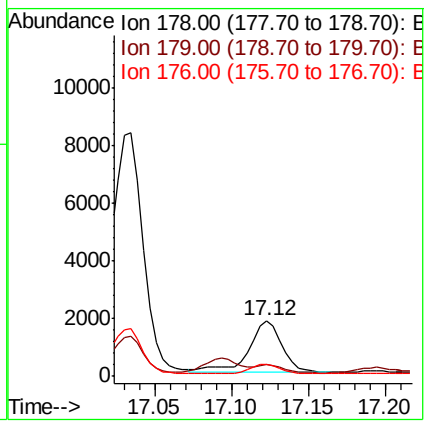


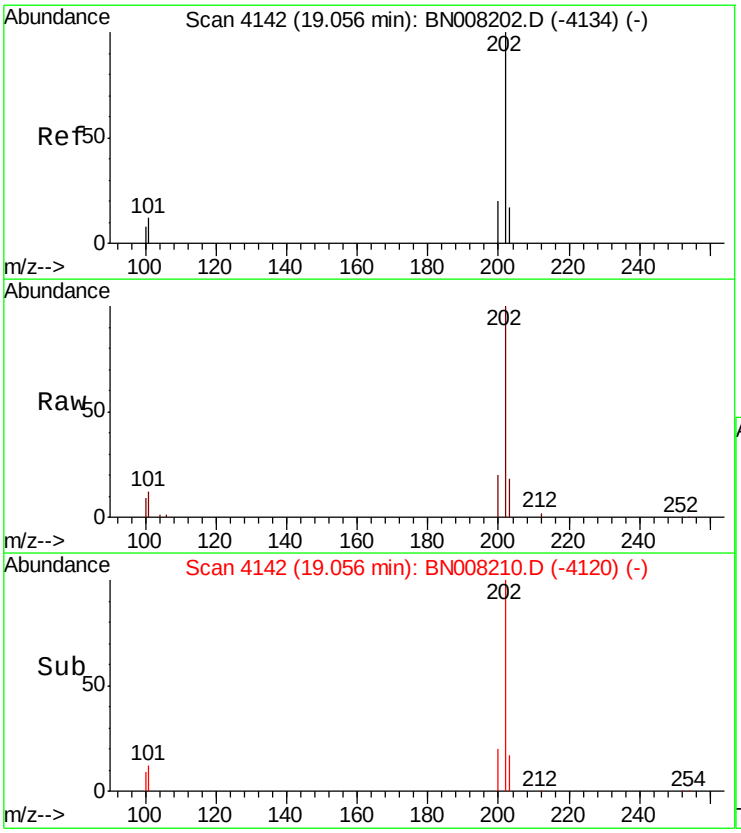


#13
Anthracene
Concen: 0.047 ng/ul
RT: 17.12 min Scan# 3696
Delta R.T. -0.00 min
Lab File: BN008210.D
Acq: 16 Oct 2019 22:08

Tgt Ion:178 Resp: 2716

Ion	Ratio	Lower	Upper
178	100		
179	21.2	13.0	19.6#
176	21.3	15.0	22.6

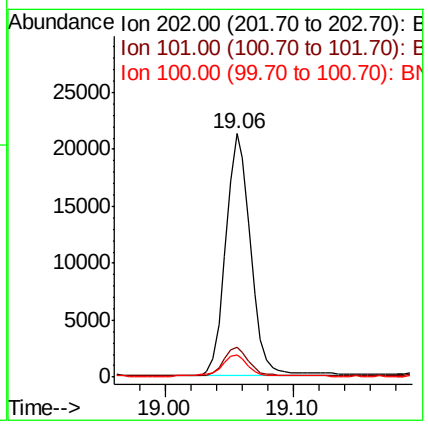


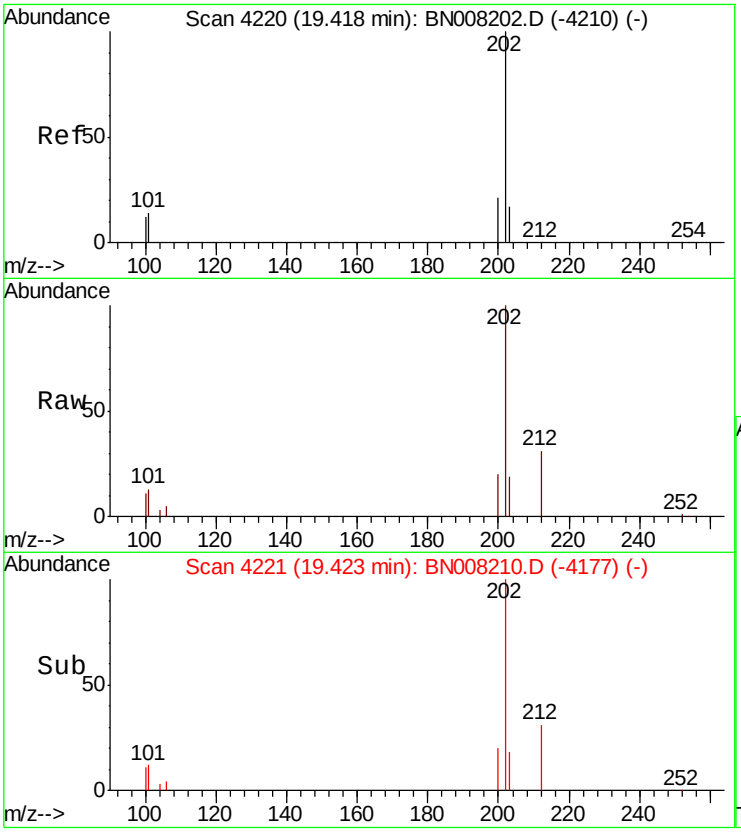


#15
Fluoranthene
Concen: 0.334 ng/ul
RT: 19.06 min Scan# 4142
Delta R.T. 0.00 min
Lab File: BN008210.D
Acq: 16 Oct 2019 22:08

Tgt Ion:202 Resp: 28705

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.2
100	9.2	0.0	28.5

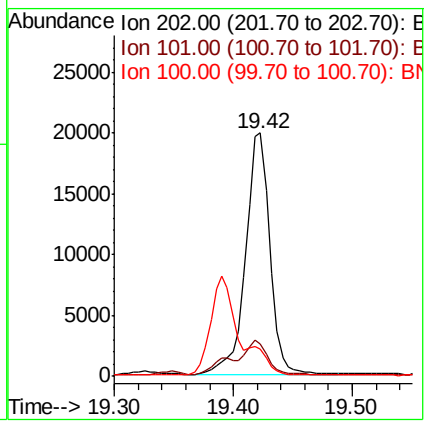


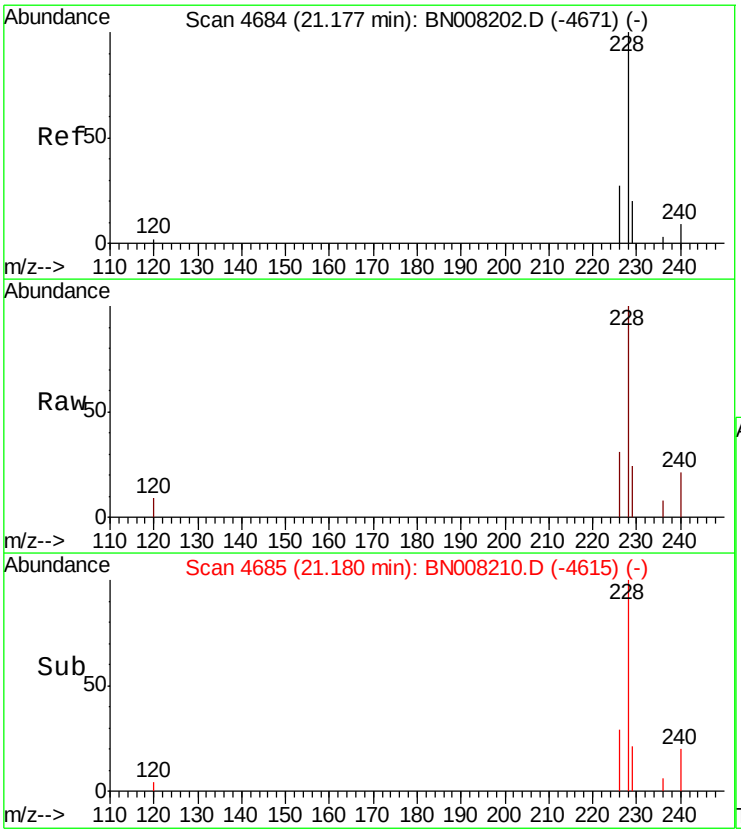


#17
Pyrene
Concen: 0.399 ng/ul
RT: 19.42 min Scan# 4221
Delta R.T. 0.00 min
Lab File: BN008210.D
Acq: 16 Oct 2019 22:08

Tgt Ion:202 Resp: 27928

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.9	16.3
100	11.3	8.7	13.1

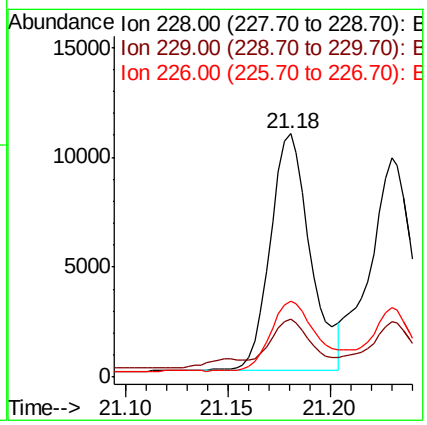


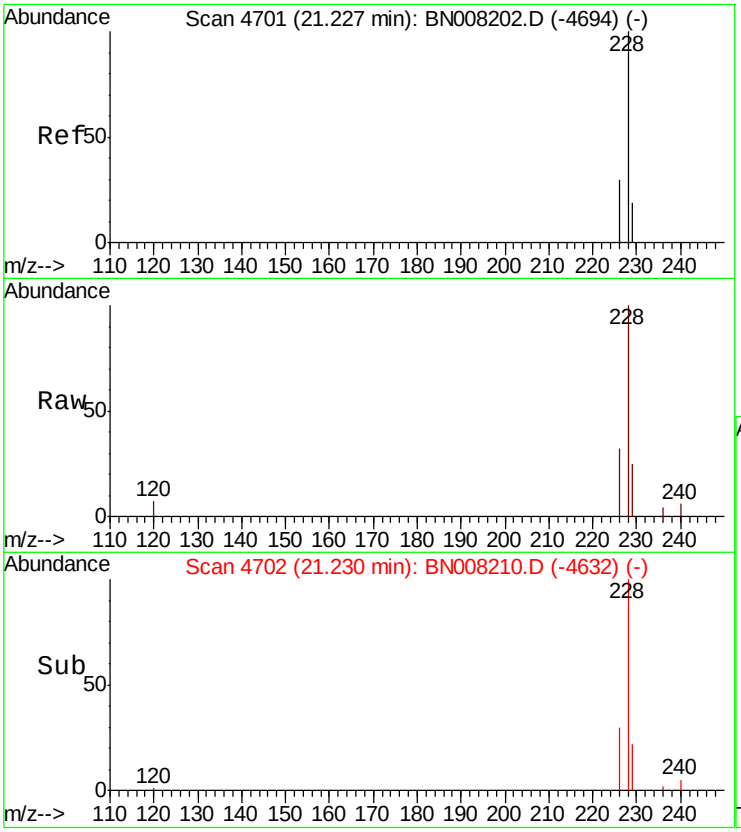


#18
Benzo(a)anthracene
Concen: 0.231 ng/ul
RT: 21.18 min Scan# 4685
Delta R.T. 0.00 min
Lab File: BN008210.D
Acq: 16 Oct 2019 22:08

Tgt Ion:228 Resp: 14772

Ion	Ratio	Lower	Upper
228	100		
229	23.8	16.2	24.2
226	31.0	21.4	32.0

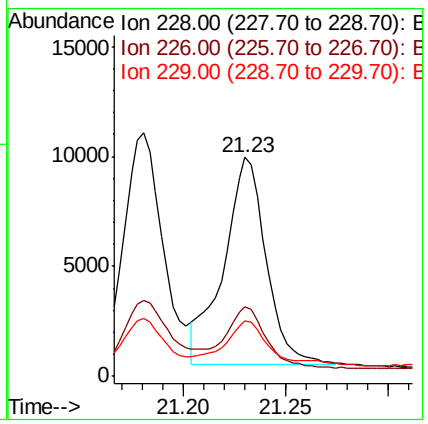


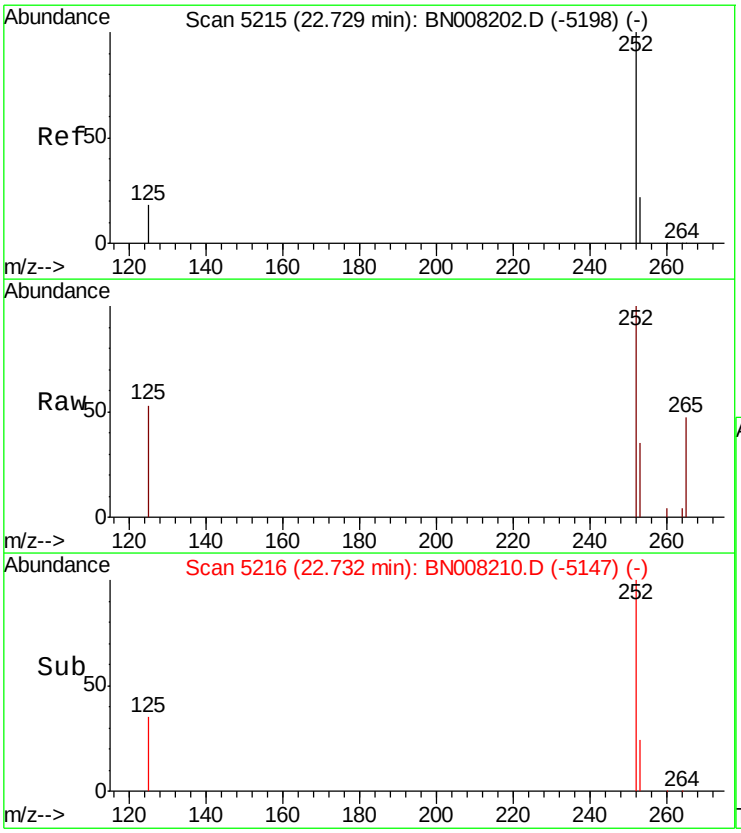


#19
Chrysene
Concen: 0.175 ng/ul m
RT: 21.23 min Scan# 4702
Delta R.T. 0.00 min
Lab File: BN008210.D
Acq: 16 Oct 2019 22:08

Tgt Ion:228 Resp: 13707

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.1	36.1
229	25.1	16.2	24.2#

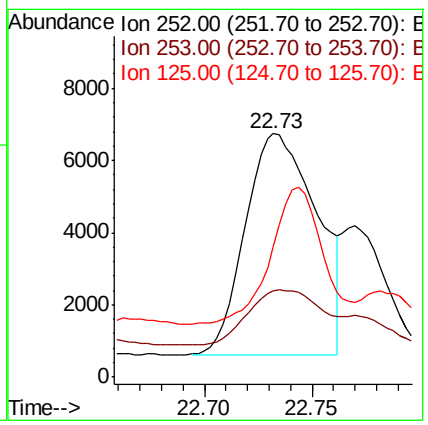


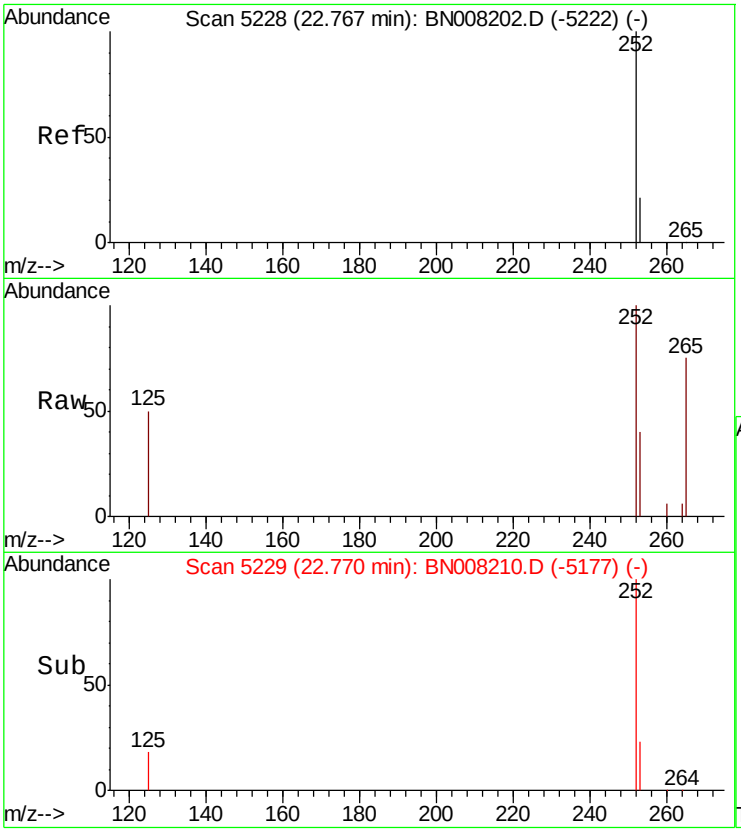


#21
Benzo(b)fluoranthene
Concen: 0.319 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. 0.00 min
Lab File: BN008210.D
Acq: 16 Oct 2019 22:08

Tgt Ion:252 Resp: 14230

Ion	Ratio	Lower	Upper
252	100		
253	35.2	0.0	53.4
125	53.2	0.0	32.4#

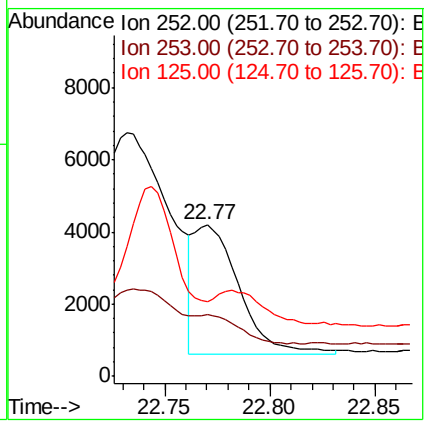


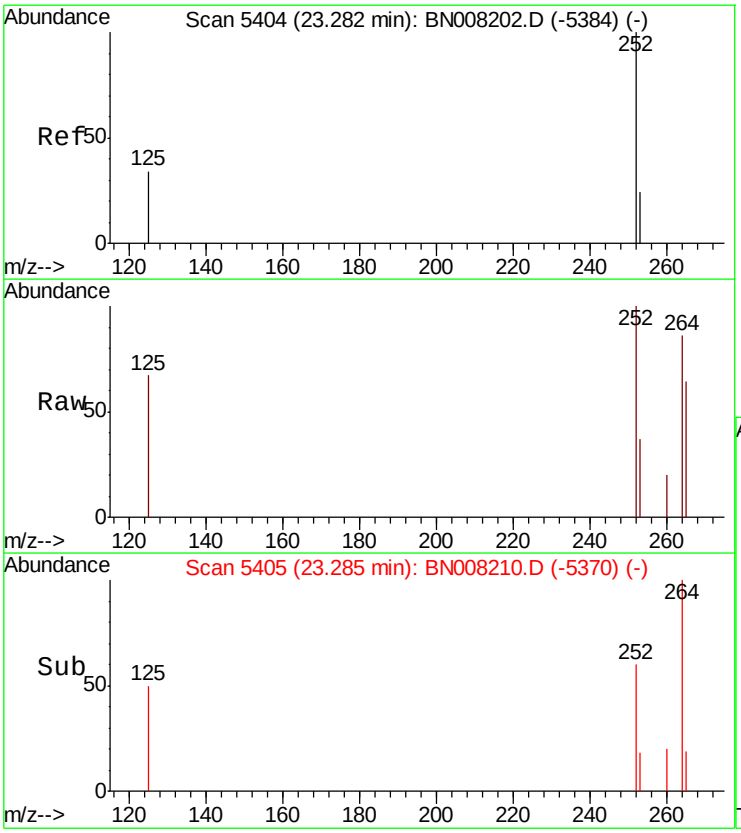


#22
Benzo(k)fluoranthene
Concen: 0.106 ng/ul m
RT: 22.77 min Scan# 5229
Delta R.T. 0.00 min
Lab File: BN008210.D
Acq: 16 Oct 2019 22:08

Tgt Ion:252 Resp: 5364

Ion	Ratio	Lower	Upper
252	100		
253	40.4	21.3	31.9#
125	49.5	12.3	18.5#

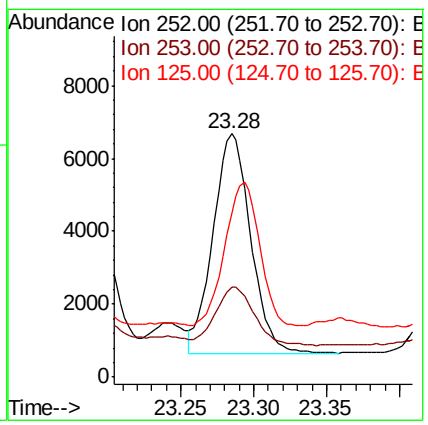


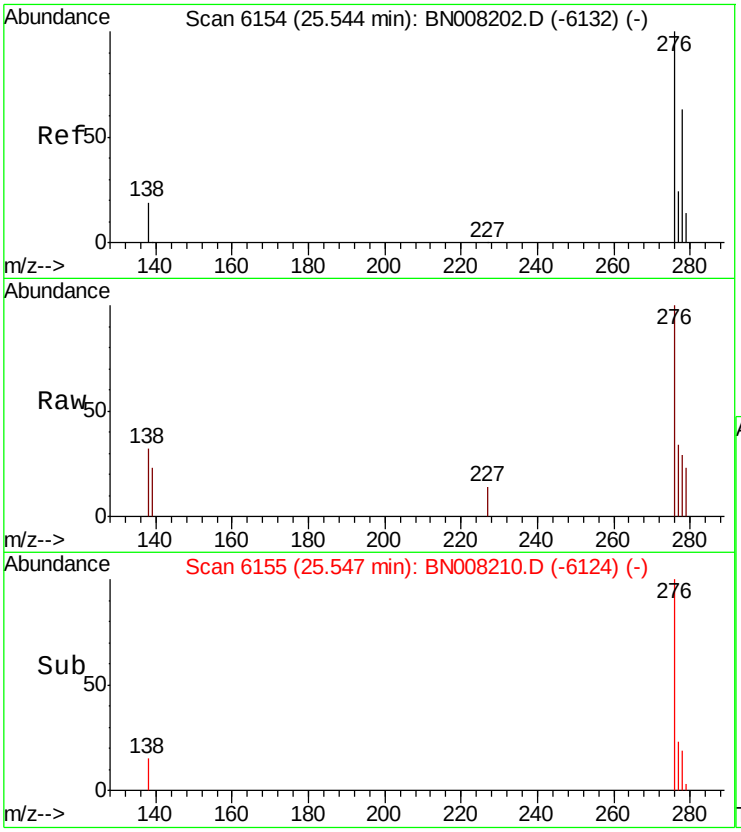


#23
Benzo(a)pyrene
Concen: 0.229 ng/ul
RT: 23.28 min Scan# 5405
Delta R.T. 0.00 min
Lab File: BN008210.D
Acq: 16 Oct 2019 22:08

Tgt Ion:252 Resp: 10766

Ion	Ratio	Lower	Upper
252	100		
253	36.8	22.8	34.2#
125	67.3	18.4	27.6#

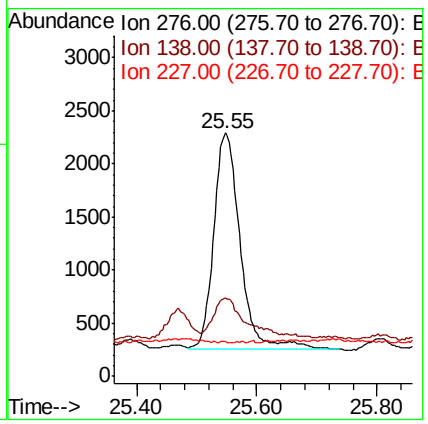


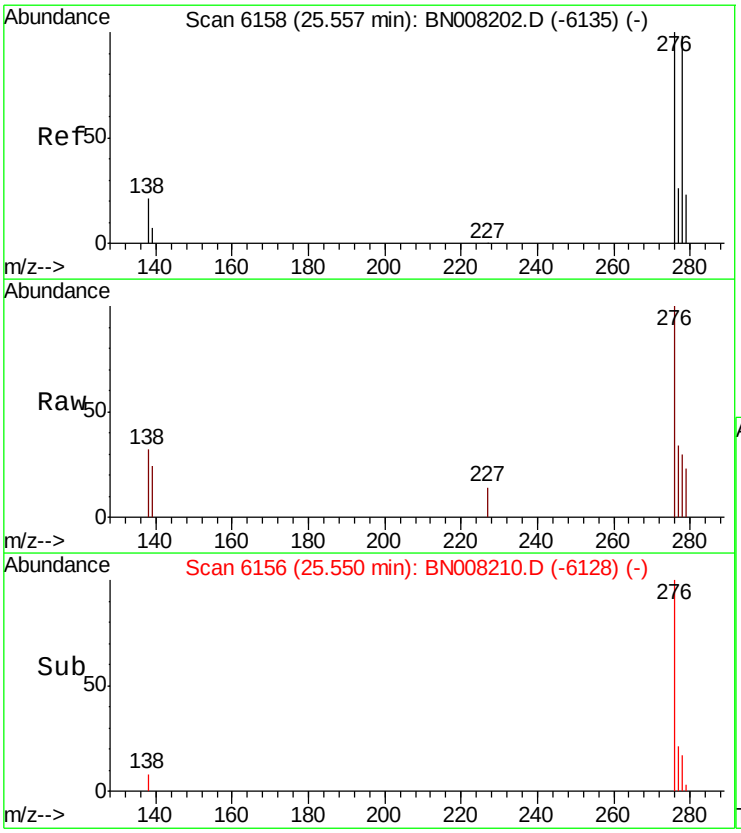


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.113 ng/ul
RT: 25.55 min Scan# 6155
Delta R.T. 0.00 min
Lab File: BN008210.D
Acq: 16 Oct 2019 22:08

Tgt Ion:276 Resp: 6251

Ion	Ratio	Lower	Upper
276	100		
138	22.5	16.1	24.1
227	0.1	0.2	0.2#

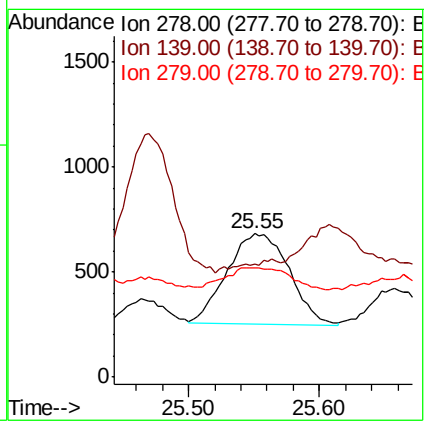


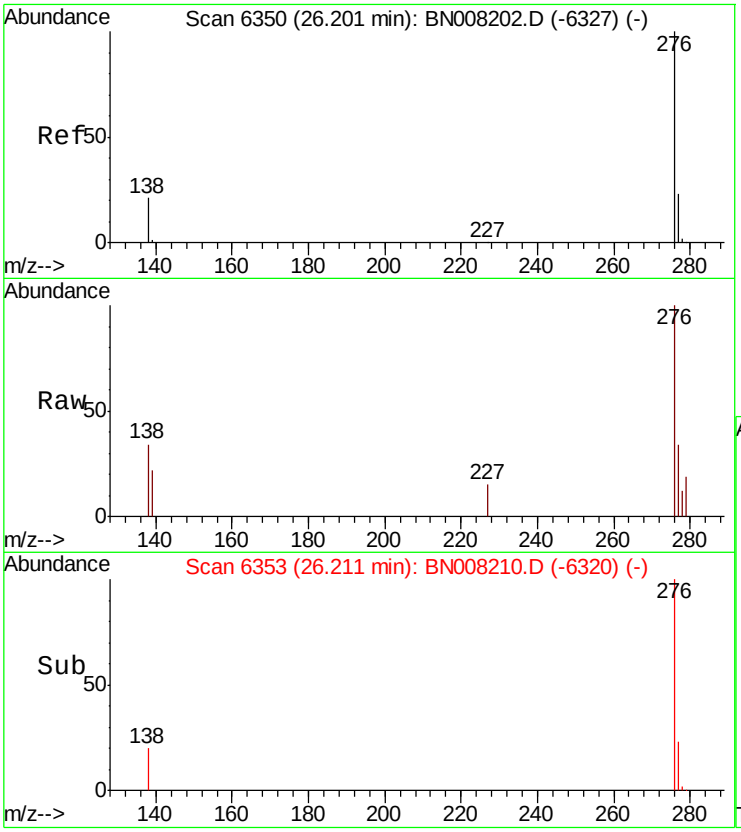


#25
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 25.55 min Scan# 6156
Delta R.T. -0.01 min
Lab File: BN008210.D
Acq: 16 Oct 2019 22:08

Tgt Ion:278 Resp: 1411

Ion	Ratio	Lower	Upper
278	100		
139	79.0	15.0	22.6#
279	76.1	22.4	33.6#





#26
Benzo(g,h,i)perylene
Concen: 0.123 ng/ul
RT: 26.21 min Scan# 6353
Delta R.T. 0.01 min
Lab File: BN008210.D
Acq: 16 Oct 2019 22:08

Tgt Ion:276 Resp: 6237

Ion	Ratio	Lower	Upper
276	100		
138	33.8	17.0	25.4#
277	33.6	20.4	30.6#