Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\
Data File : BN008194.D
Acq On : 16 Oct 2019 12:29
Operator : JU
Sample : K5175-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 16 18:02:25 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 : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2976	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14447	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9137	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	20292m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	18767	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	15826	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	6160	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	18669	0.27	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.03	178	7286	0.123	ng/ul	99
13) Anthracene	17.12	178	1499	0.029	ng/ul#	86
15) Fluoranthene	19.06	202	19526	0.249	ng/ul	97
17) Pyrene	19.42	202	18907	0.253	ng/ul#	94
18) Benzo(a)anthracene	21.18	228	9782	0.143	ng/ul	94
19) Chrysene	21.23	228	11581	0.138	ng/ul	95
21) Benzo(b)fluoranthene	22.73	252	12777m	0.248	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	4650m	0.080	ng/ul	
23) Benzo(a)pyrene	23.28	252	8142	0.150	ng/ul#	55
24) Indeno(1,2,3-cd)pyrene	25.54	276	4382	0.069	ng/ul#	91
26) Benzo(g,h,i)perylene	26.20	276	3792	0.065	ng/ul#	77

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

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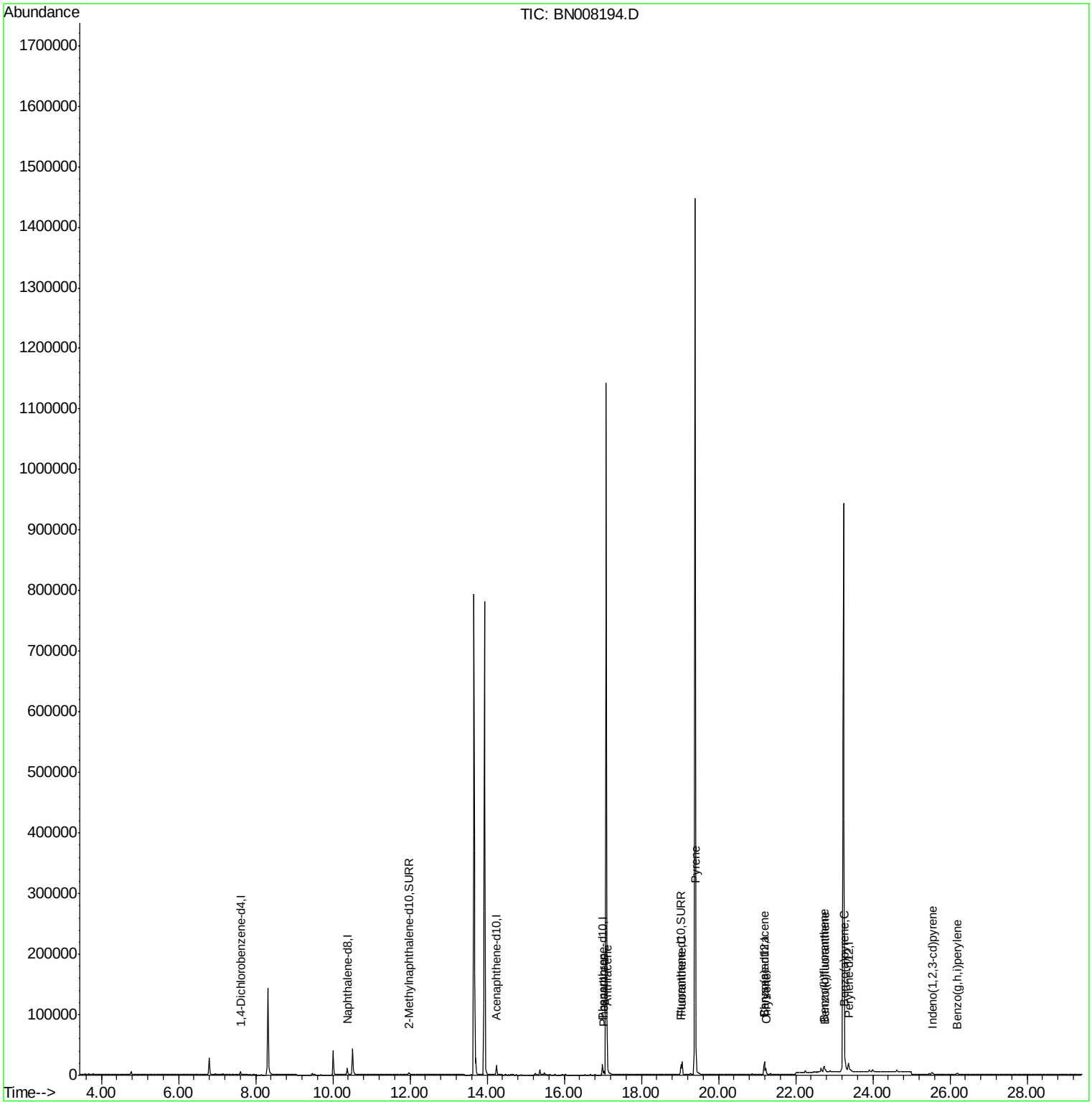
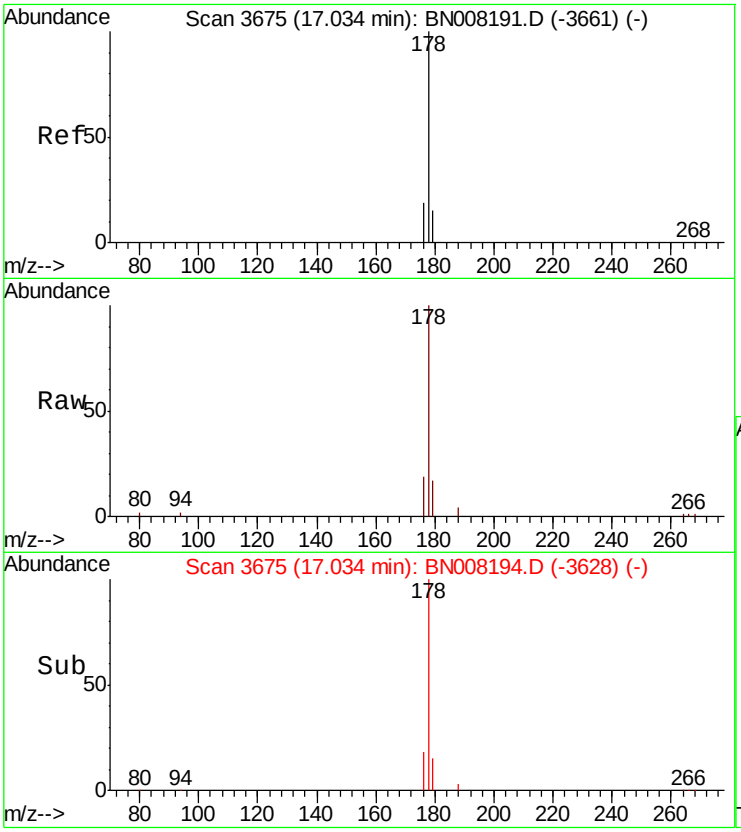
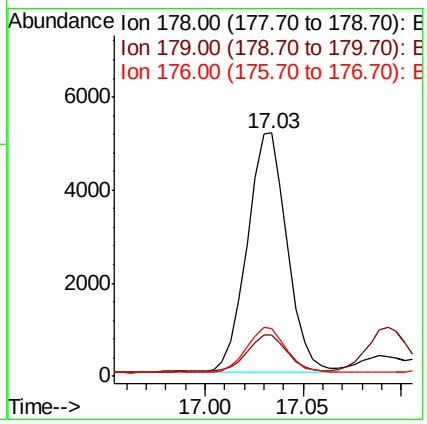


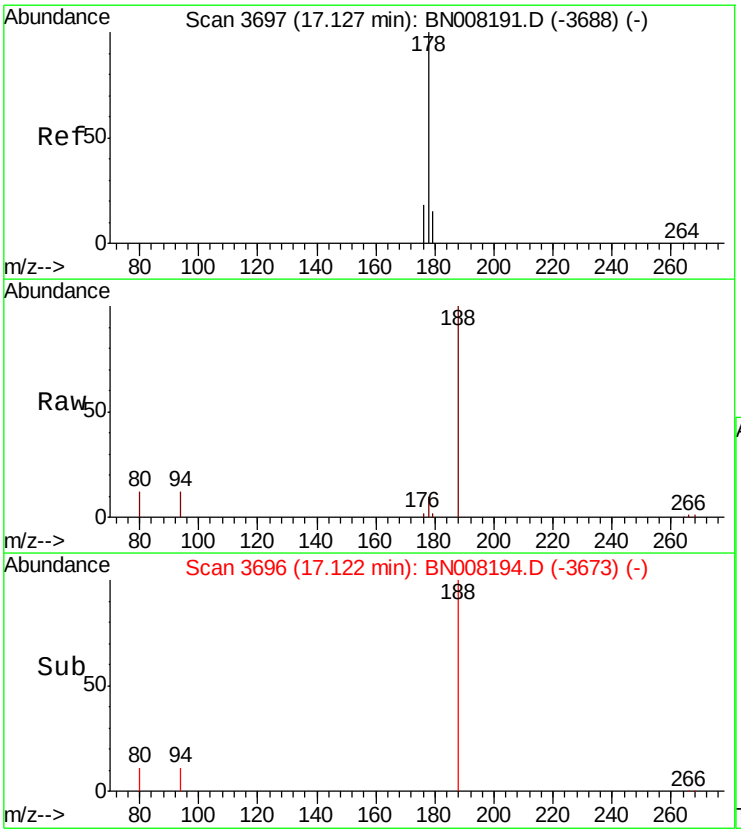


#12
Phenanthrene
Concen: 0.123 ng/ul
RT: 17.03 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BN008194.D
Acq: 16 Oct 2019 12:29

Tgt Ion:178 Resp: 7286

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	19.5	15.4	23.2

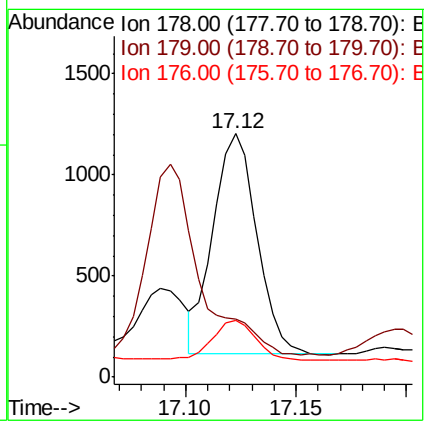


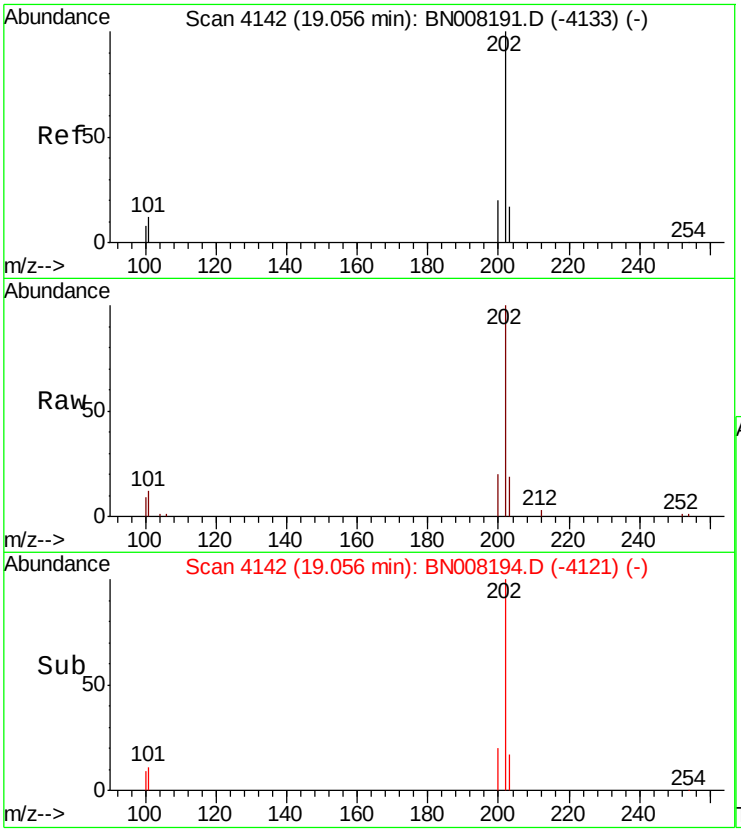


#13
Anthracene
Concen: 0.029 ng/ul
RT: 17.12 min Scan# 3696
Delta R.T. -0.00 min
Lab File: BN008194.D
Acq: 16 Oct 2019 12:29

Tgt Ion:178 Resp: 1499

Ion	Ratio	Lower	Upper
178	100		
179	23.7	13.0	19.6#
176	23.5	15.0	22.6#

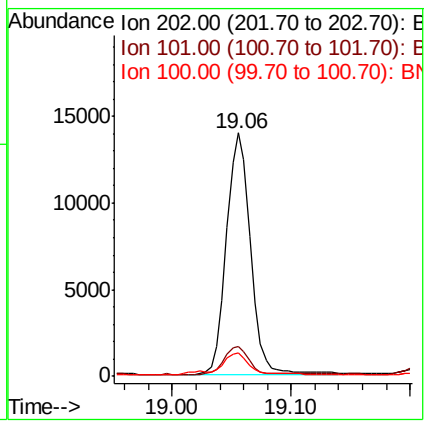


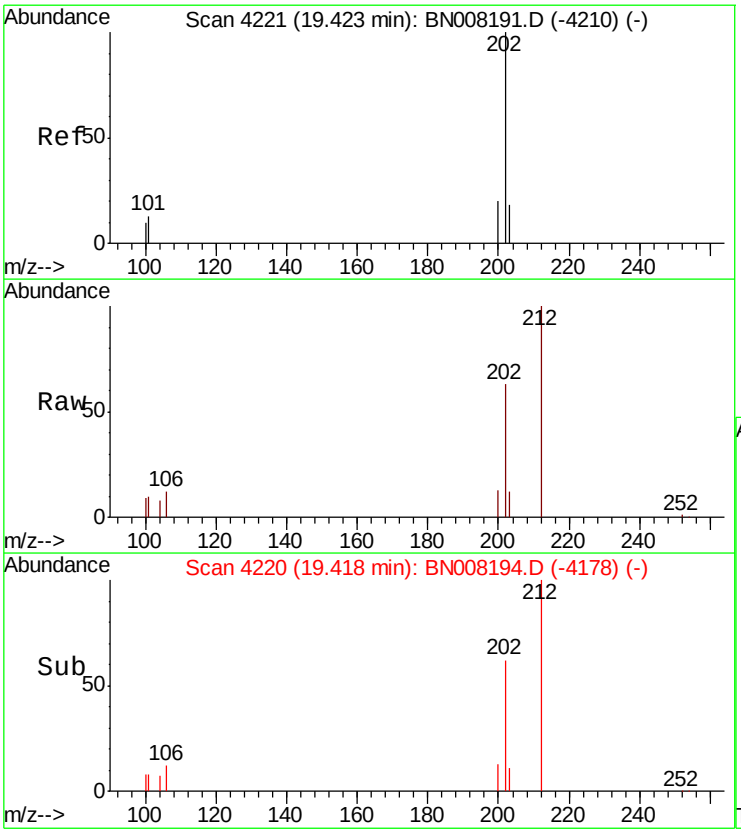


#15
Fluoranthene
Concen: 0.249 ng/ul
RT: 19.06 min Scan# 4142
Delta R.T. -0.00 min
Lab File: BN008194.D
Acq: 16 Oct 2019 12:29

Tgt Ion:202 Resp: 19526

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.2
100	9.5	0.0	28.5

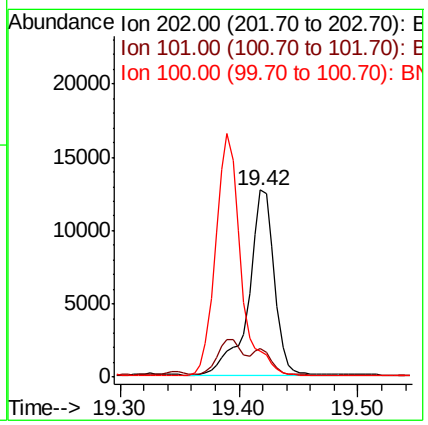


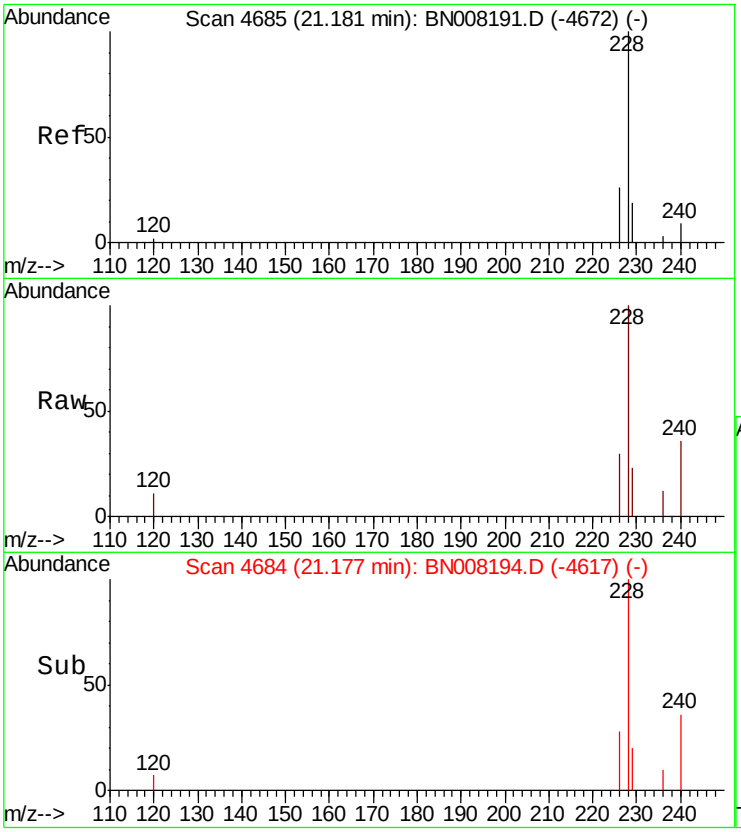


#17
Pyrene
Concen: 0.253 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. -0.00 min
Lab File: BN008194.D
Acq: 16 Oct 2019 12:29

Tgt Ion:202 Resp: 18907

Ion	Ratio	Lower	Upper
202	100		
101	15.4	10.9	16.3
100	14.0	8.7	13.1#

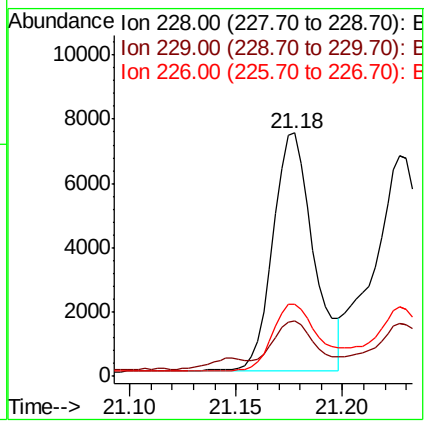


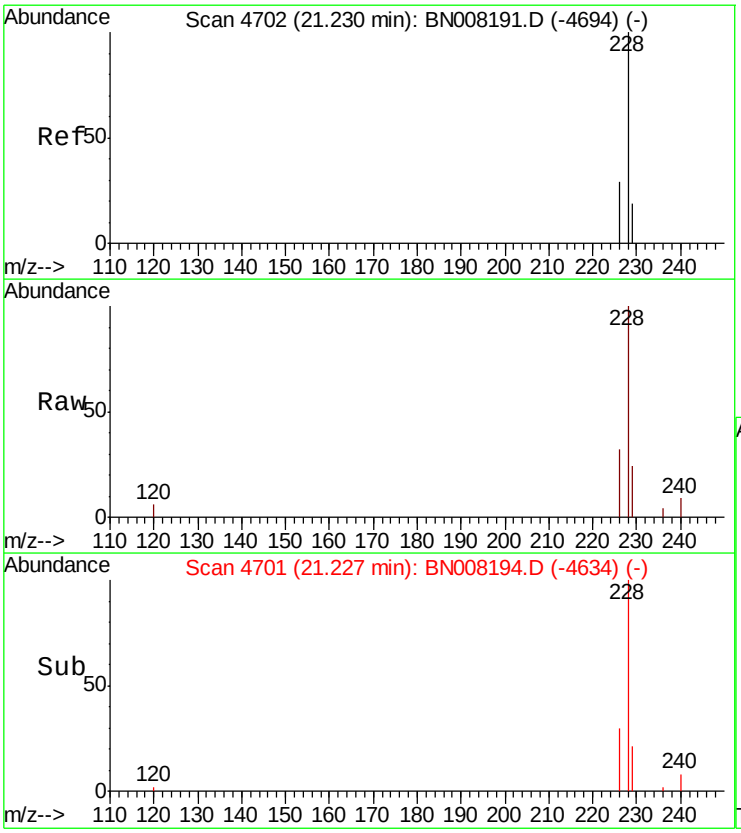


#18
Benzo(a)anthracene
Concen: 0.143 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. -0.00 min
Lab File: BN008194.D
Acq: 16 Oct 2019 12:29

Tgt Ion:228 Resp: 9782

Ion	Ratio	Lower	Upper
228	100		
229	23.0	16.2	24.2
226	29.8	21.4	32.0

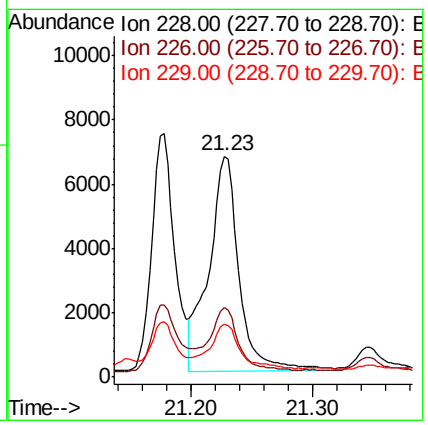


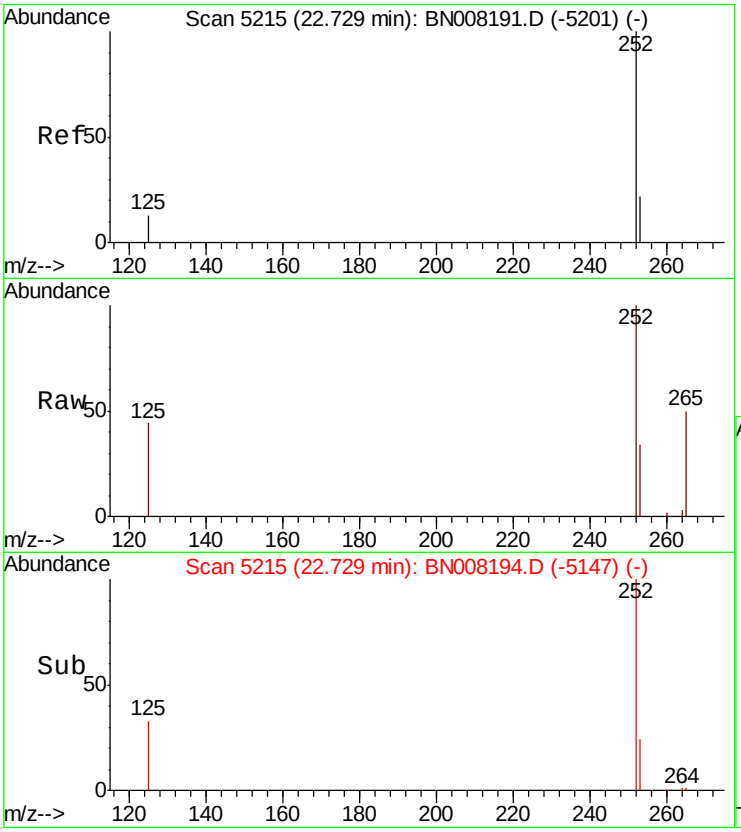


#19
Chrysene
Concen: 0.138 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. -0.00 min
Lab File: BN008194.D
Acq: 16 Oct 2019 12:29

Tgt Ion:228 Resp: 11581

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.1	36.1
229	23.6	16.2	24.2

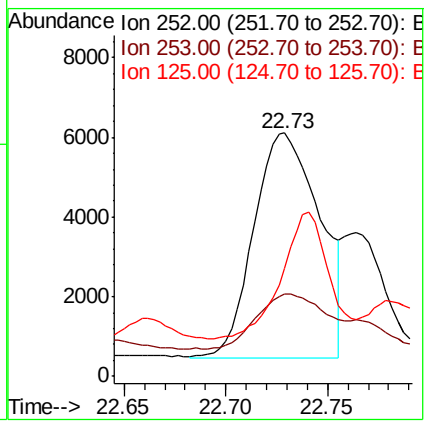


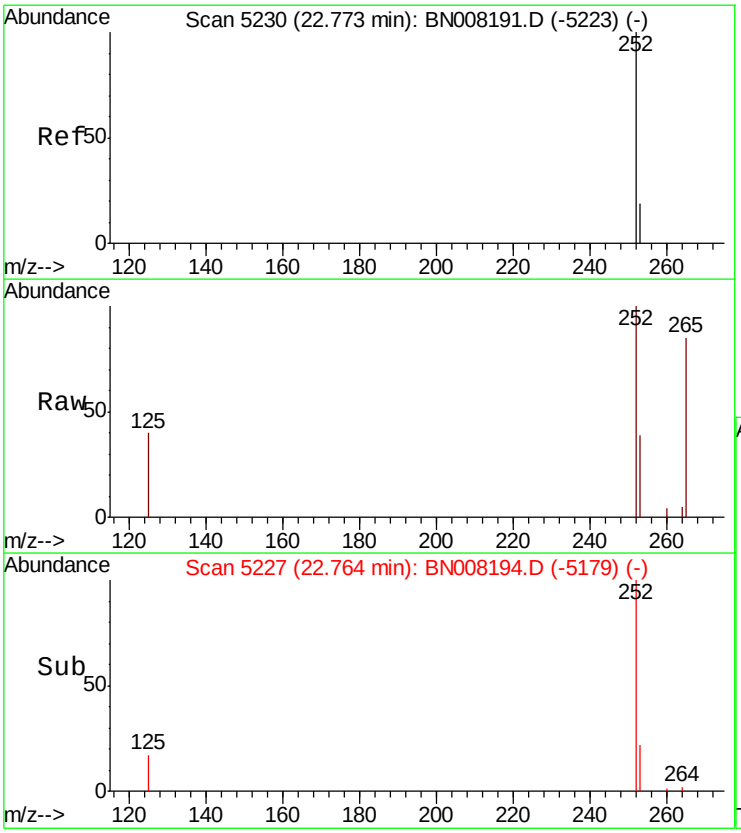


#21
Benzo(b)fluoranthene
Concen: 0.248 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.00 min
Lab File: BN008194.D
Acq: 16 Oct 2019 12:29

Tgt Ion:252 Resp: 12777

Ion	Ratio	Lower	Upper
252	100		
253	33.7	0.0	53.4
125	44.4	0.0	32.4#

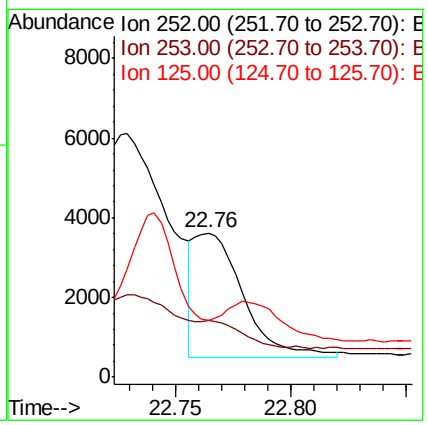


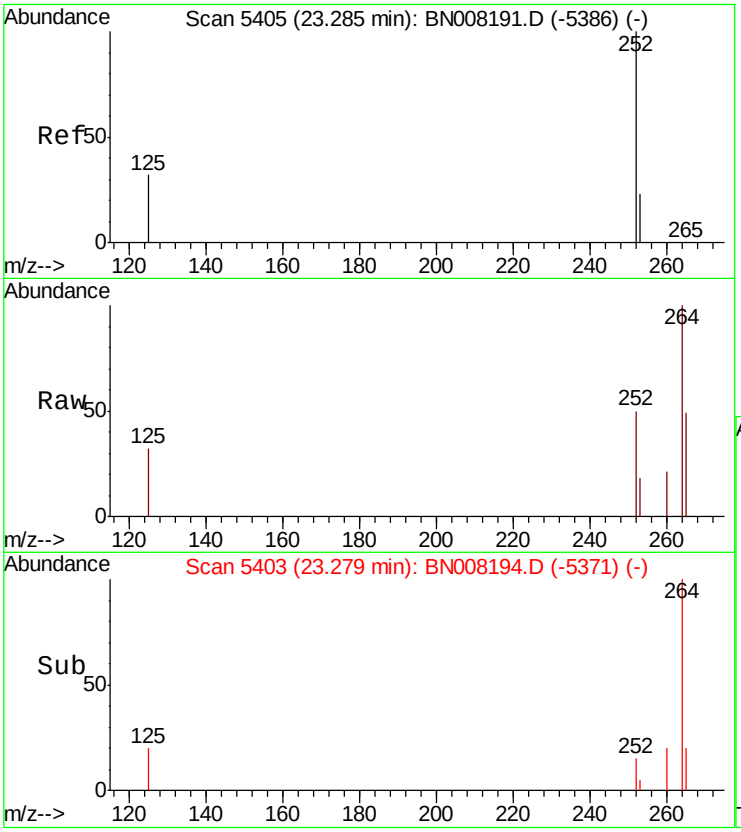


#22
Benzo(k)fluoranthene
Concen: 0.080 ng/ul m
RT: 22.76 min Scan# 5227
Delta R.T. -0.01 min
Lab File: BN008194.D
Acq: 16 Oct 2019 12:29

Tgt Ion:252 Resp: 4650

Ion	Ratio	Lower	Upper
252	100		
253	39.1	21.3	31.9#
125	39.8	12.3	18.5#

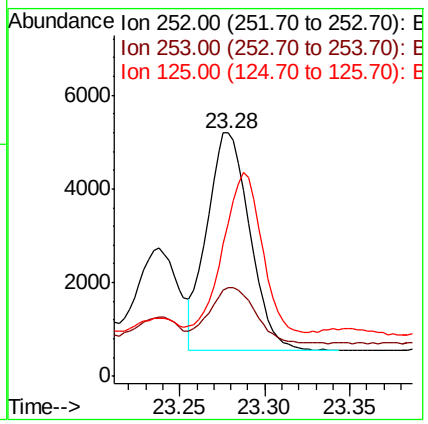


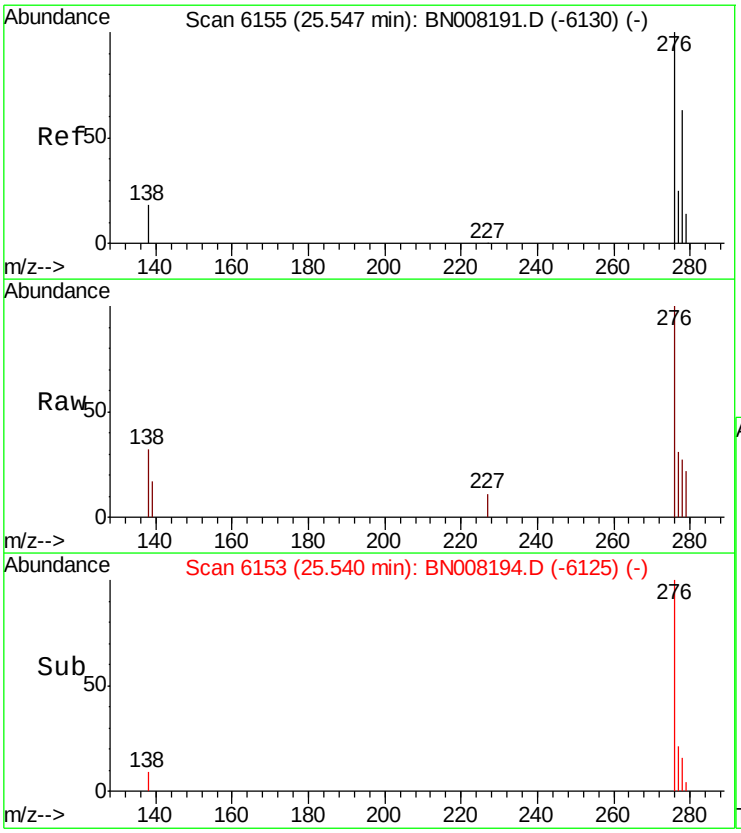


#23
Benzo(a)pyrene
Concen: 0.150 ng/ul
RT: 23.28 min Scan# 5403
Delta R.T. -0.01 min
Lab File: BN008194.D
Acq: 16 Oct 2019 12:29

Tgt Ion:252 Resp: 8142

Ion	Ratio	Lower	Upper
252	100		
253	36.5	22.8	34.2#
125	63.0	18.4	27.6#

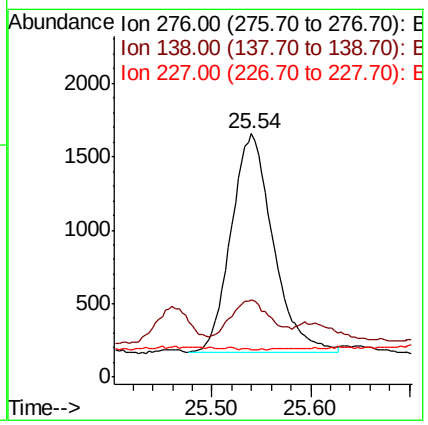


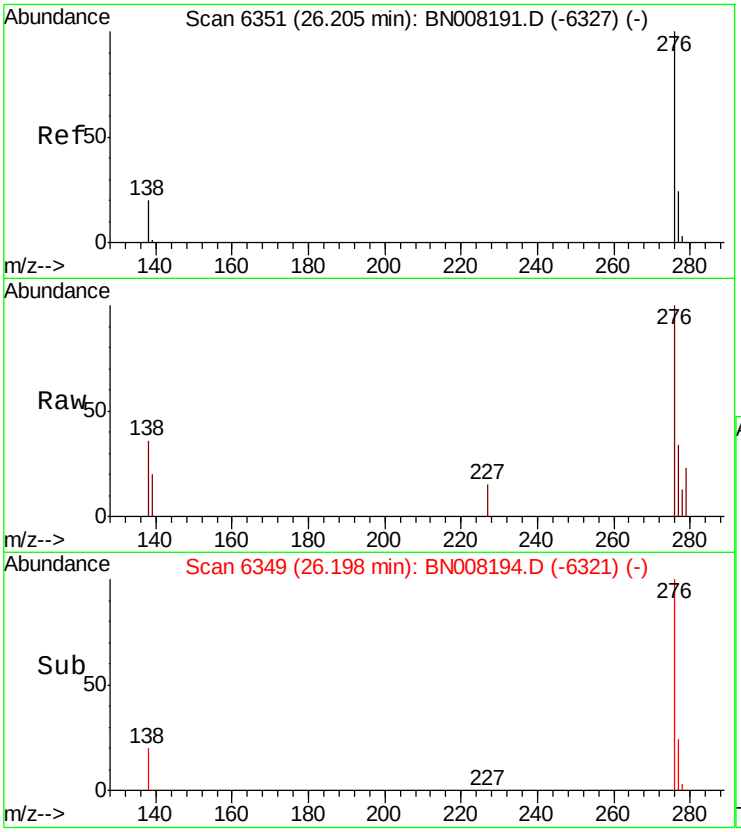


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.01 min
Lab File: BN008194.D
Acq: 16 Oct 2019 12:29

Tgt Ion:276 Resp: 4382

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





#26
Benzo(g,h,i)perylene
Concen: 0.065 ng/ul
RT: 26.20 min Scan# 6349
Delta R.T. -0.01 min
Lab File: BN008194.D
Acq: 16 Oct 2019 12:29

Tgt Ion:276 Resp: 3792

Ion	Ratio	Lower	Upper
276	100		
138	35.6	17.0	25.4#
277	33.9	20.4	30.6#