Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\
Data File : BN008197.D
Acq On : 16 Oct 2019 14:17
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 16 18:11:11 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	2530	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	12375	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	7999	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	17652m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	16268	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	13908	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2309	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	7101	0.12	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.03	178	9651	0.187	ng/ul	100
13) Anthracene	17.12	178	1955	0.043	ng/ul#	91
15) Fluoranthene	19.06	202	23440	0.343	ng/ul	98
17) Pyrene	19.42	202	23820	0.368	ng/ul	98
18) Benzo(a)anthracene	21.17	228	13543	0.229	ng/ul	95
19) Chrysene	21.23	228	13483	0.186	ng/ul	97
21) Benzo(b)fluoranthene	22.73	252	14427m	0.319	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	5752m	0.112	ng/ul	
23) Benzo(a)pyrene	23.28	252	10583	0.222	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.54	276	5203	0.093	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.54	278	1186	0.027	ng/ul#	26
26) Benzo(g,h,i)perylene	26.20	276	5357	0.104	ng/ul#	86

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

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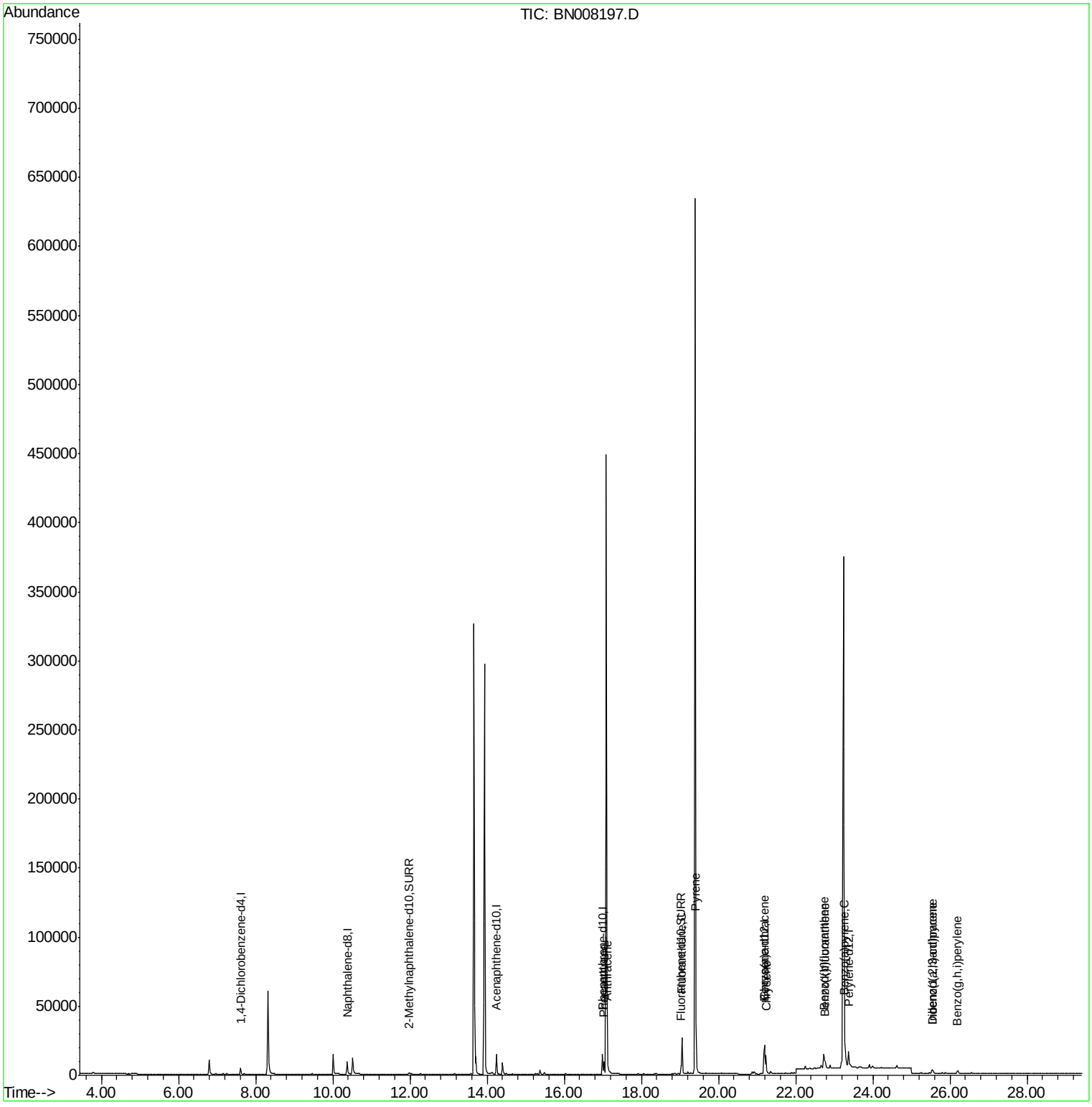
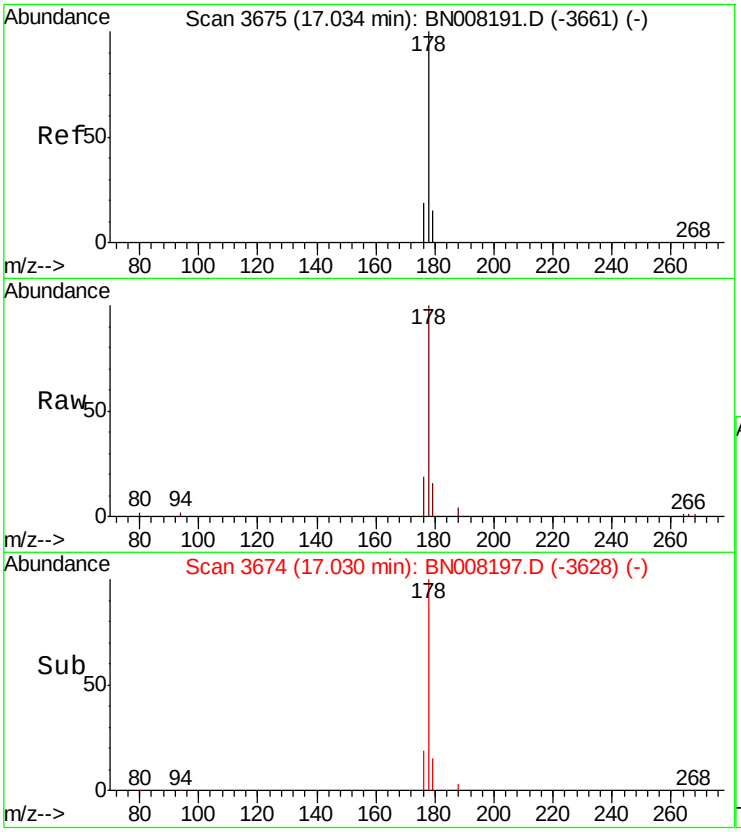
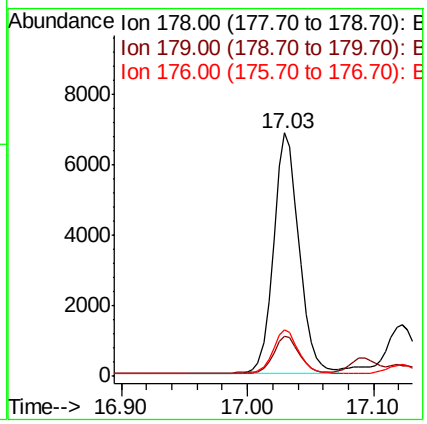


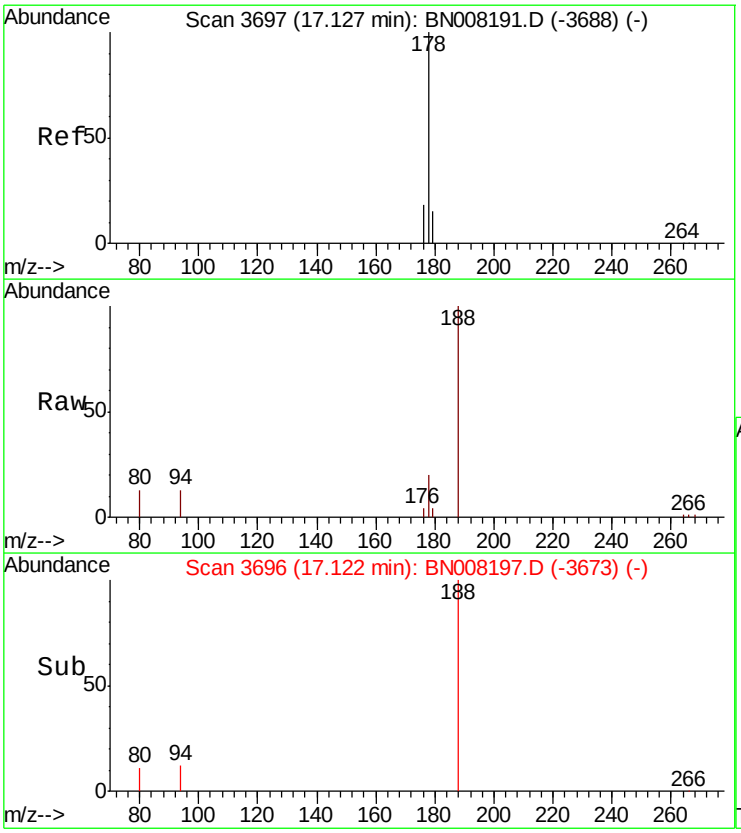


#12
Phenanthrene
Concen: 0.187 ng/ul
RT: 17.03 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BN008197.D
Acq: 16 Oct 2019 14:17

Tgt Ion:178 Resp: 9651

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	19.4	15.4	23.2

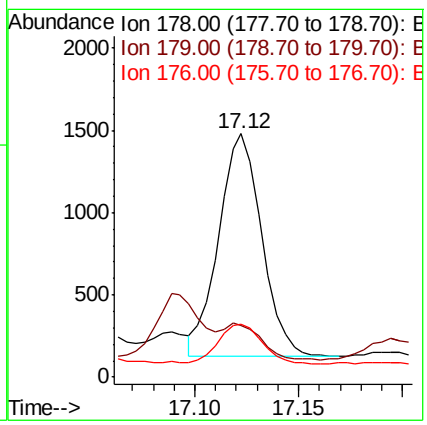


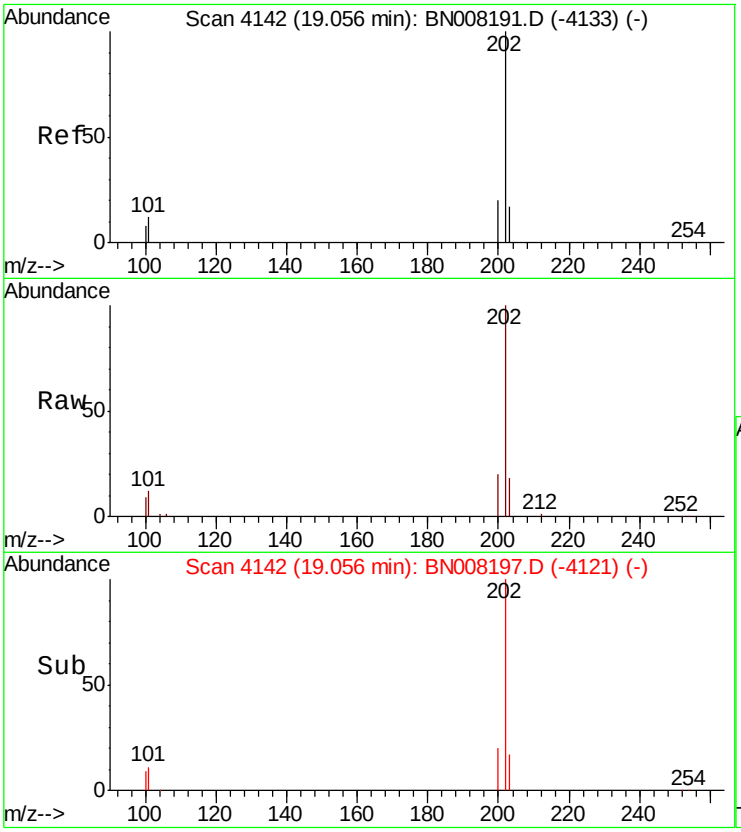


#13
Anthracene
Concen: 0.043 ng/ul
RT: 17.12 min Scan# 3696
Delta R.T. -0.00 min
Lab File: BN008197.D
Acq: 16 Oct 2019 14:17

Tgt Ion:178 Resp: 1955

Ion	Ratio	Lower	Upper
178	100		
179	21.4	13.0	19.6#
176	22.0	15.0	22.6

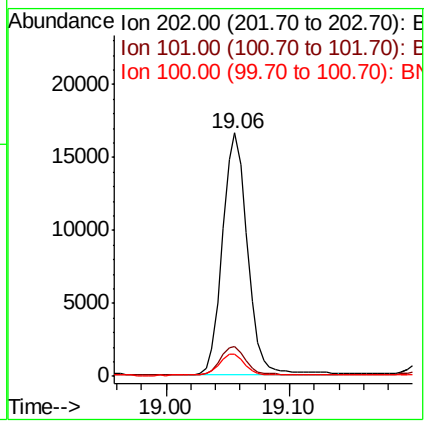


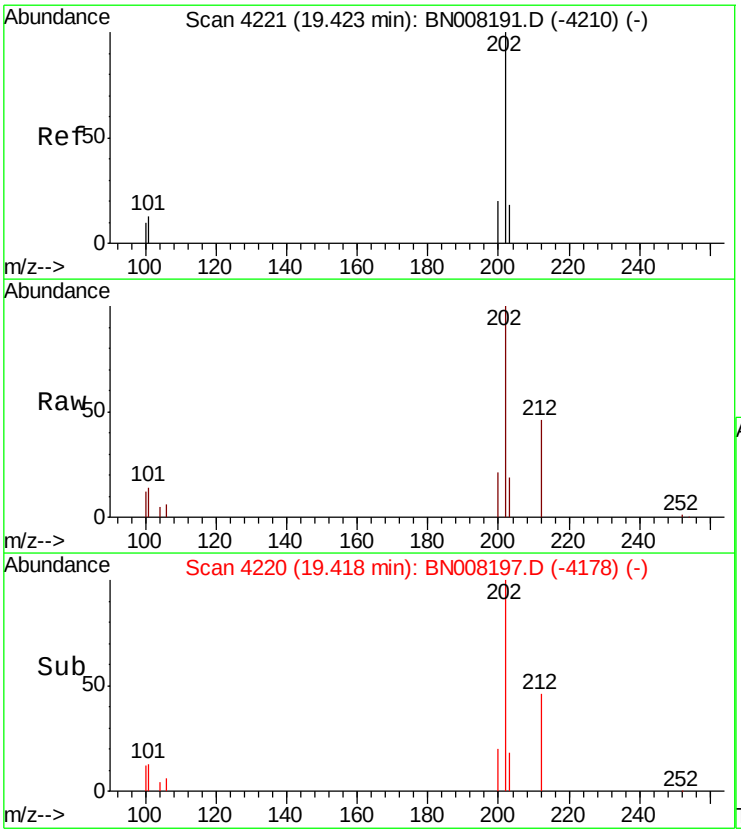


#15
Fluoranthene
Concen: 0.343 ng/ul
RT: 19.06 min Scan# 4142
Delta R.T. -0.00 min
Lab File: BN008197.D
Acq: 16 Oct 2019 14:17

Tgt Ion:202 Resp: 23440

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.2
100	9.1	0.0	28.5

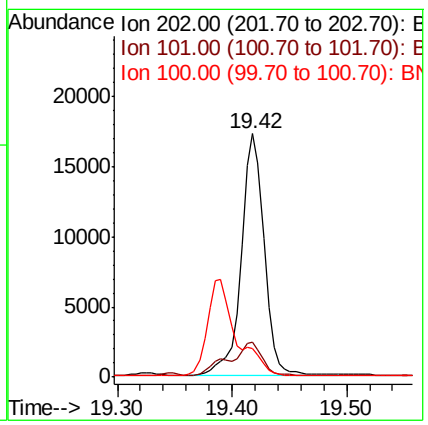


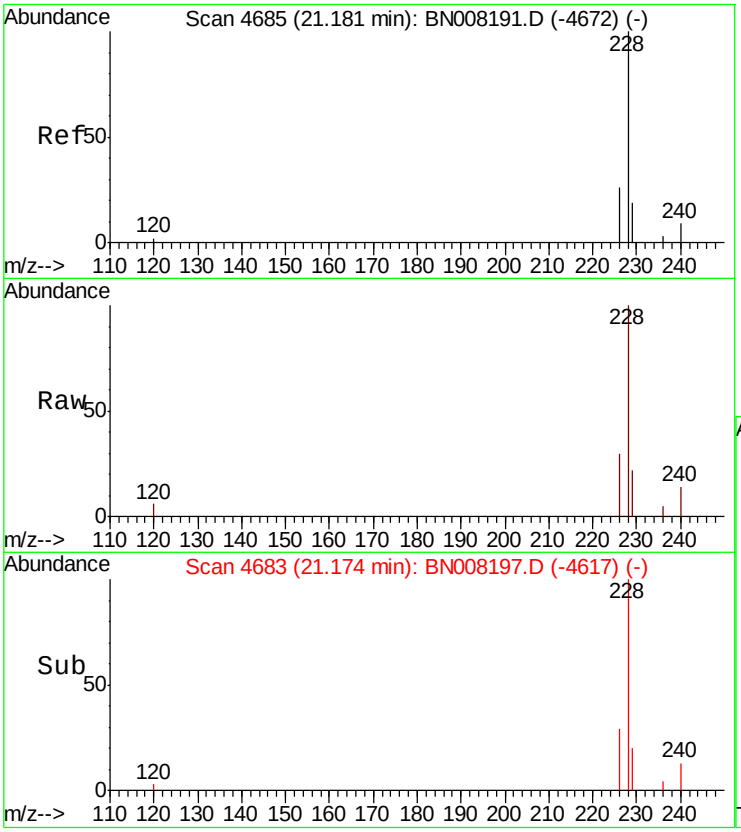


#17
Pyrene
Concen: 0.368 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. -0.00 min
Lab File: BN008197.D
Acq: 16 Oct 2019 14:17

Tgt Ion:202 Resp: 23820

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.9	16.3
100	11.9	8.7	13.1

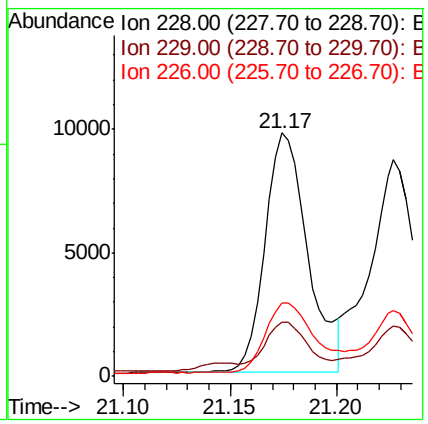


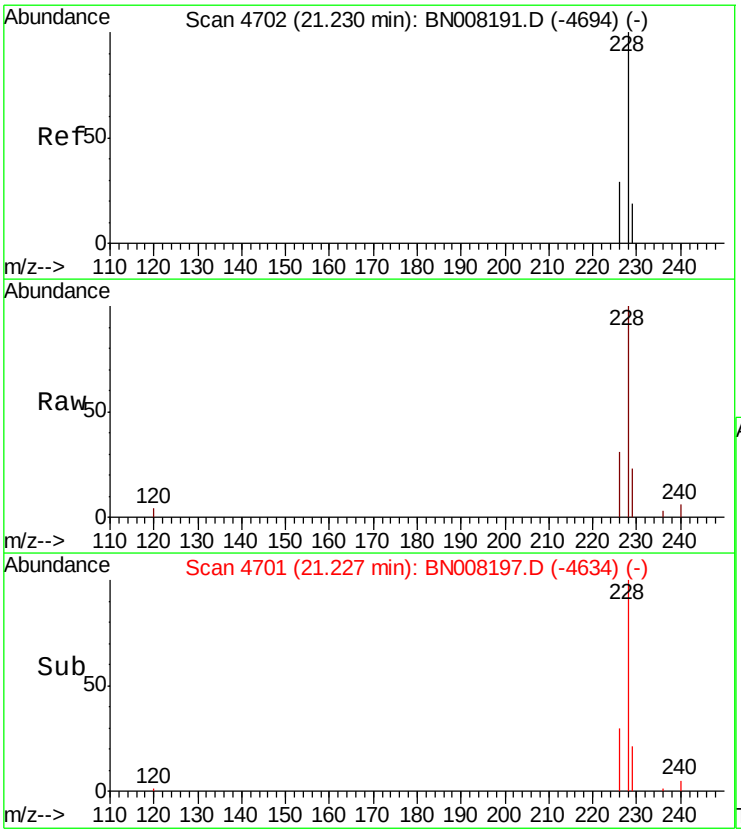


#18
Benzo(a)anthracene
Concen: 0.229 ng/ul
RT: 21.17 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN008197.D
Acq: 16 Oct 2019 14:17

Tgt Ion:228 Resp: 13543

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.2	24.2
226	30.0	21.4	32.0

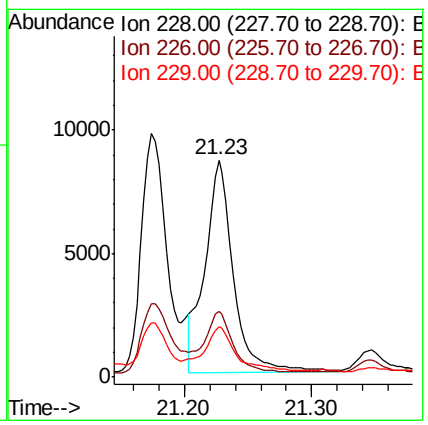


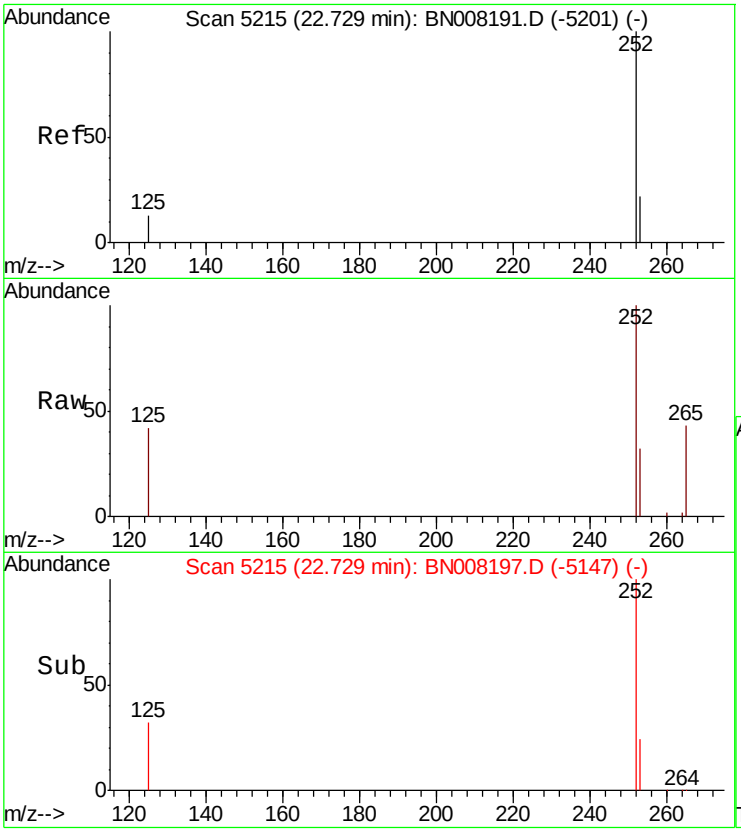


#19
Chrysene
Concen: 0.186 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. -0.00 min
Lab File: BN008197.D
Acq: 16 Oct 2019 14:17

Tgt Ion:228 Resp: 13483

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	23.1	16.2	24.2

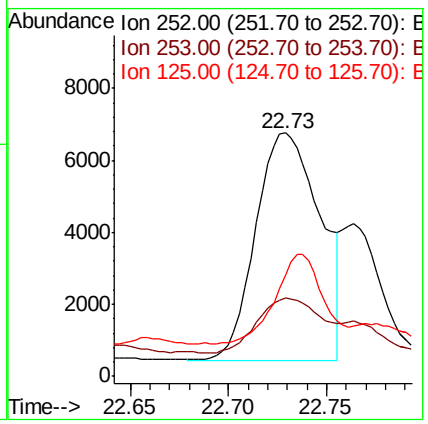


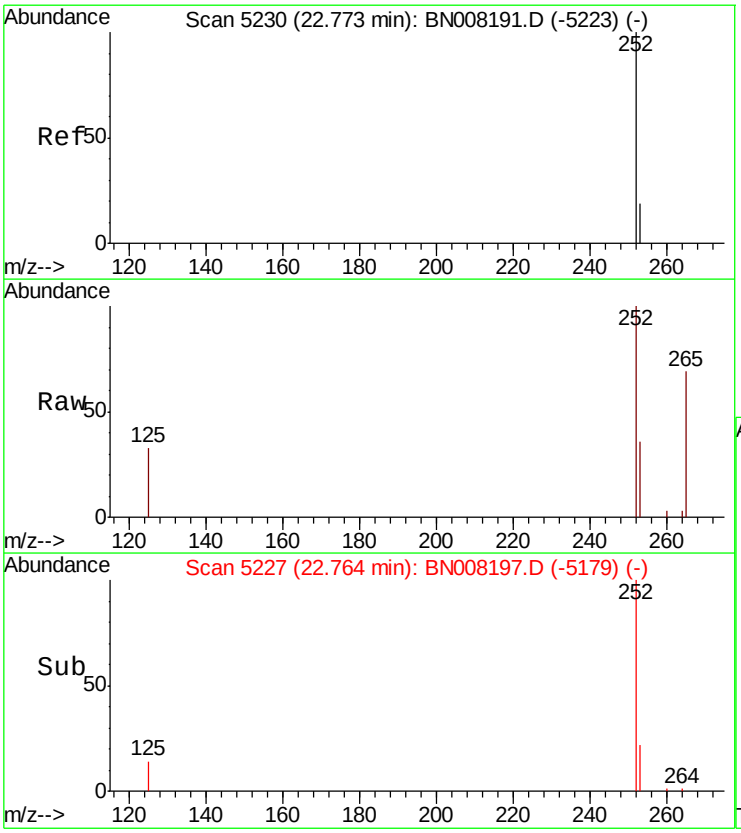


#21
Benzo(b)fluoranthene
Concen: 0.319 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.00 min
Lab File: BN008197.D
Acq: 16 Oct 2019 14:17

Tgt Ion:252 Resp: 14427

Ion	Ratio	Lower	Upper
252	100		
253	32.2	0.0	53.4
125	41.6	0.0	32.4#

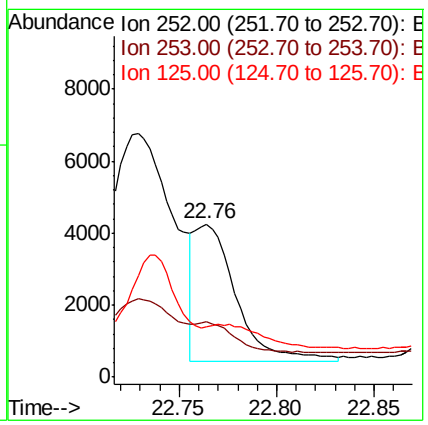


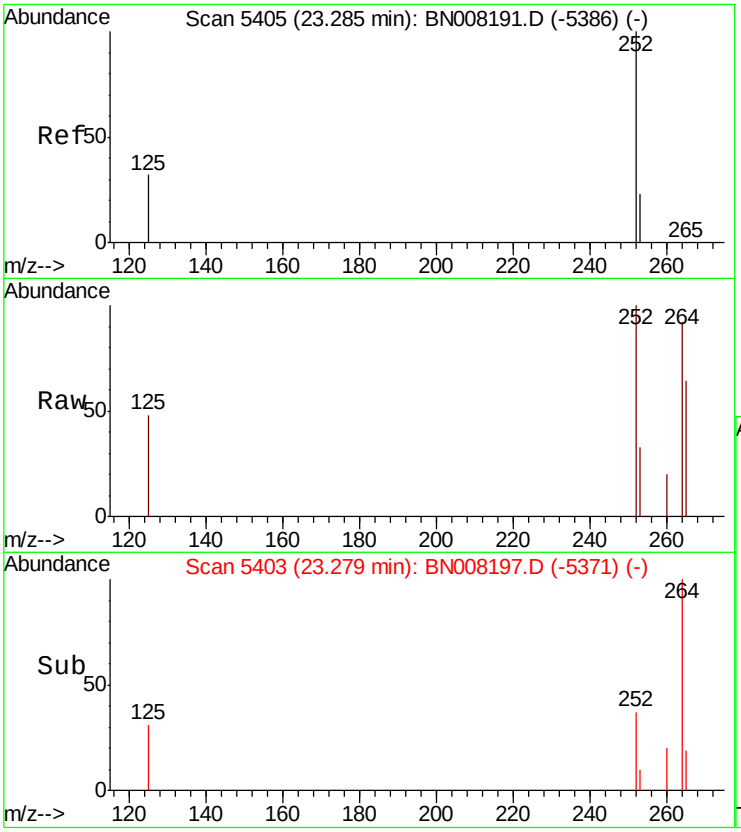


#22
Benzo(k)fluoranthene
Concen: 0.112 ng/ul m
RT: 22.76 min Scan# 5227
Delta R.T. -0.01 min
Lab File: BN008197.D
Acq: 16 Oct 2019 14:17

Tgt Ion:252 Resp: 5752

Ion	Ratio	Lower	Upper
252	100		
253	36.0	21.3	31.9#
125	32.6	12.3	18.5#

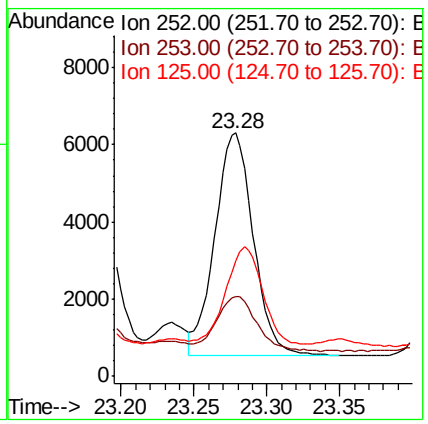


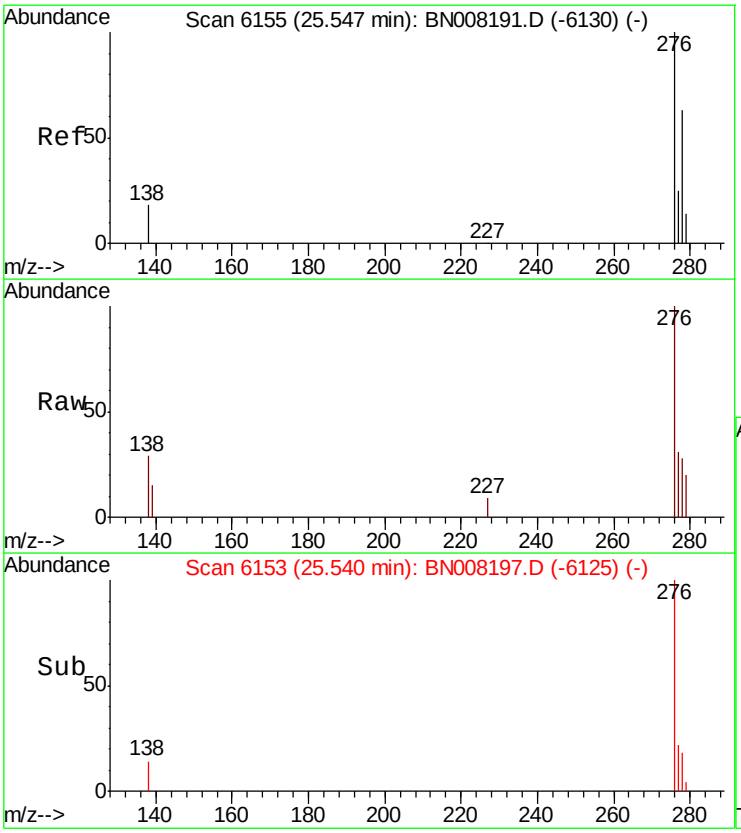


#23
Benzo(a)pyrene
Concen: 0.222 ng/ul
RT: 23.28 min Scan# 5403
Delta R.T. -0.01 min
Lab File: BN008197.D
Acq: 16 Oct 2019 14:17

Tgt Ion:252 Resp: 10583

Ion	Ratio	Lower	Upper
252	100		
253	33.0	22.8	34.2
125	47.7	18.4	27.6#

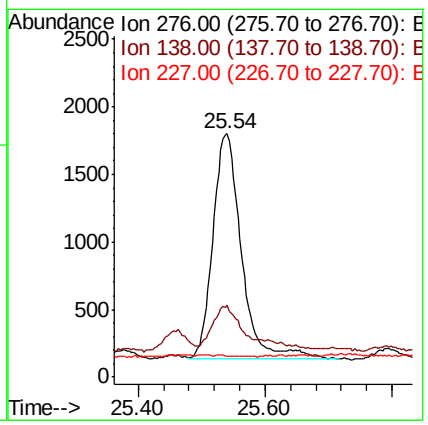


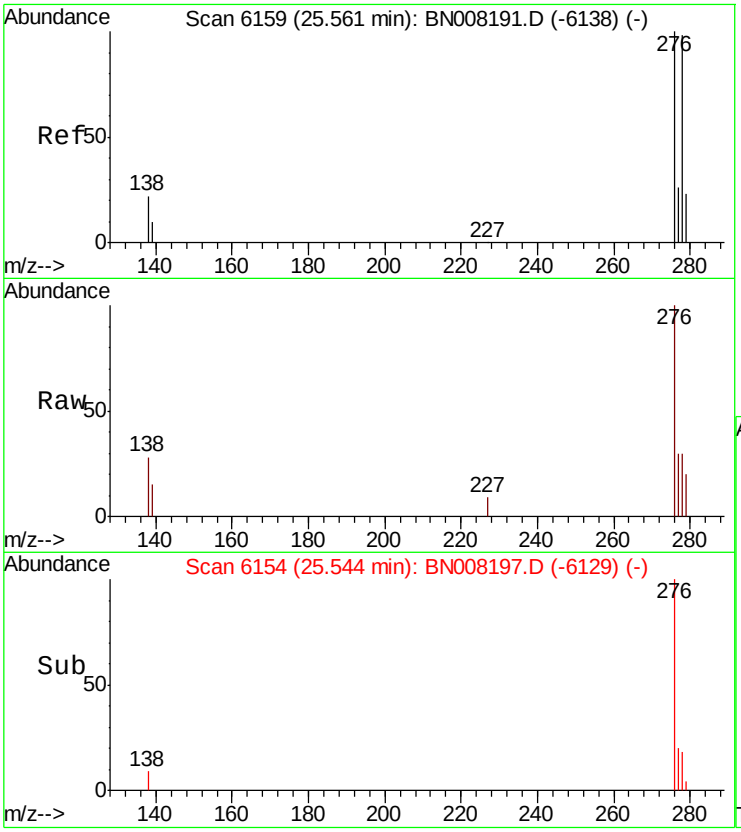


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.093 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.01 min
Lab File: BN008197.D
Acq: 16 Oct 2019 14:17

Tgt Ion:276 Resp: 5203

Ion	Ratio	Lower	Upper
276	100		
138	21.5	16.1	24.1
227	0.1	0.2	0.2#

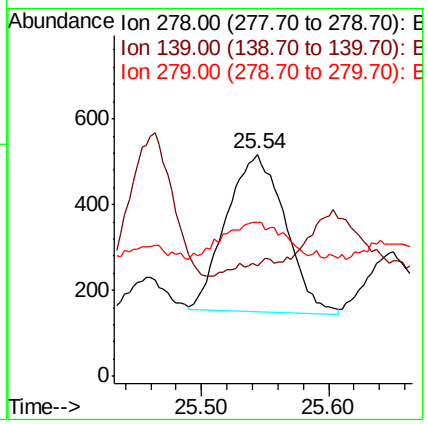


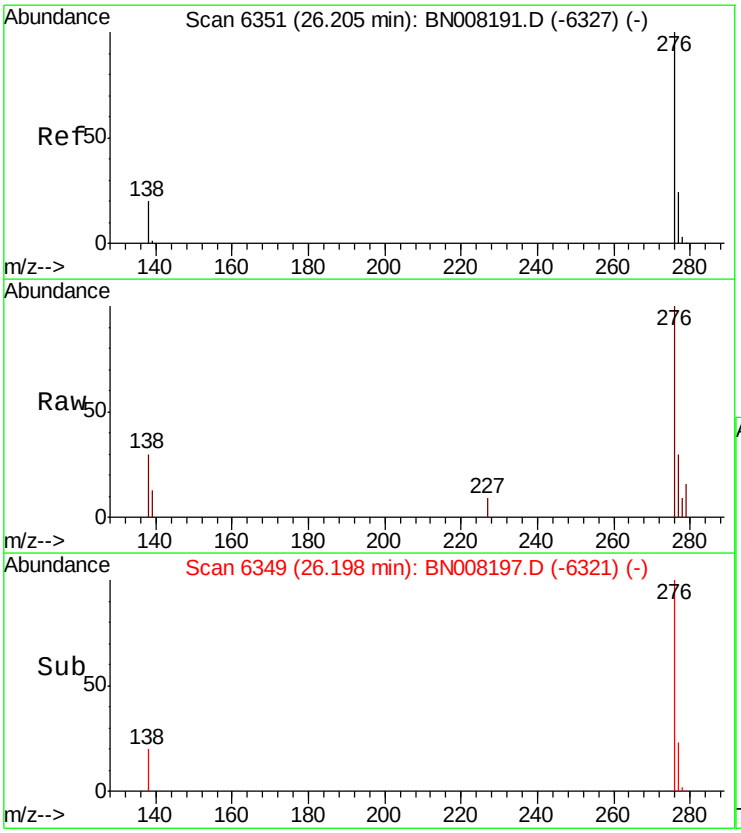


#25
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 25.54 min Scan# 6154
Delta R.T. -0.02 min
Lab File: BN008197.D
Acq: 16 Oct 2019 14:17

Tgt Ion:278 Resp: 1186

Ion	Ratio	Lower	Upper
278	100		
139	49.5	15.0	22.6#
279	69.2	22.4	33.6#





#26
Benzo(g,h,i)perylene
Concen: 0.104 ng/ul
RT: 26.20 min Scan# 6349
Delta R.T. -0.01 min
Lab File: BN008197.D
Acq: 16 Oct 2019 14:17

Tgt Ion:276 Resp: 5357

Ion	Ratio	Lower	Upper
276	100		
138	30.2	17.0	25.4#
277	30.1	20.4	30.6