Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\
Data File : BN008195.D
Acq On : 16 Oct 2019 13:05
Operator : JU
Sample : K5175-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 16 18:04:12 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	2683	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13362	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8624	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	19699m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	17312	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	14651	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	5244	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	16624	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	5396	0.142	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	2784	0.107	ng/ul	100
7) Acenaphthylene	13.96	152	14283	0.348	ng/ul	99
8) Acenaphthene	14.31	153	6270	0.196	ng/ul	99
9) Fluorene	15.30	166	9115	0.251	ng/ul	97
11) Pentachlorophenol	16.65	266	336	0.071	ng/ul	92
12) Phenanthrene	17.03	178	202655	3.514	ng/ul	99
13) Anthracene	17.12	178	35919	0.708	ng/ul	99
15) Fluoranthene	19.06	202	517141	6.789	ng/ul	99
17) Pyrene	19.42	202	501474	7.275	ng/ul	98
18) Benzo(a)anthracene	21.17	228	281905	4.479	ng/ul	98
19) Chrysene	21.23	228	300941	3.896	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	311197m	6.525	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	113531m	2.101	ng/ul	
23) Benzo(a)pyrene	23.28	252	213405	4.252	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.54	276	121081	2.048	ng/ul	98
25) Dibenzo(a,h)anthracene	25.54	278	31829	0.681	ng/ul	97
26) Benzo(g,h,i)perylene	26.20	276	103189	1.904	ng/ul	99

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

Quantitation Report (QT Reviewed)

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Acq On : 16 Oct 2019 13:05
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 16 18:04:12 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
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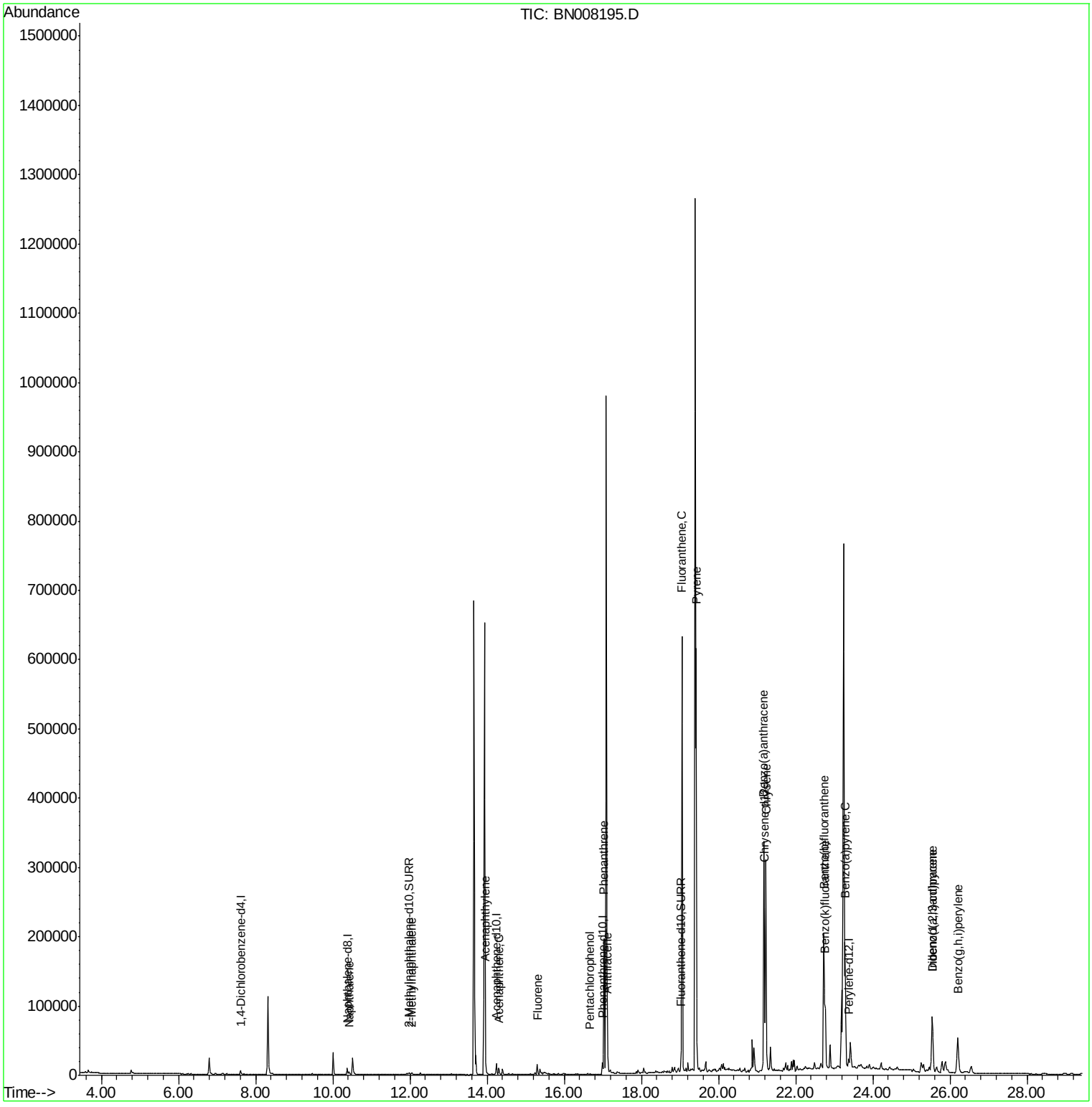
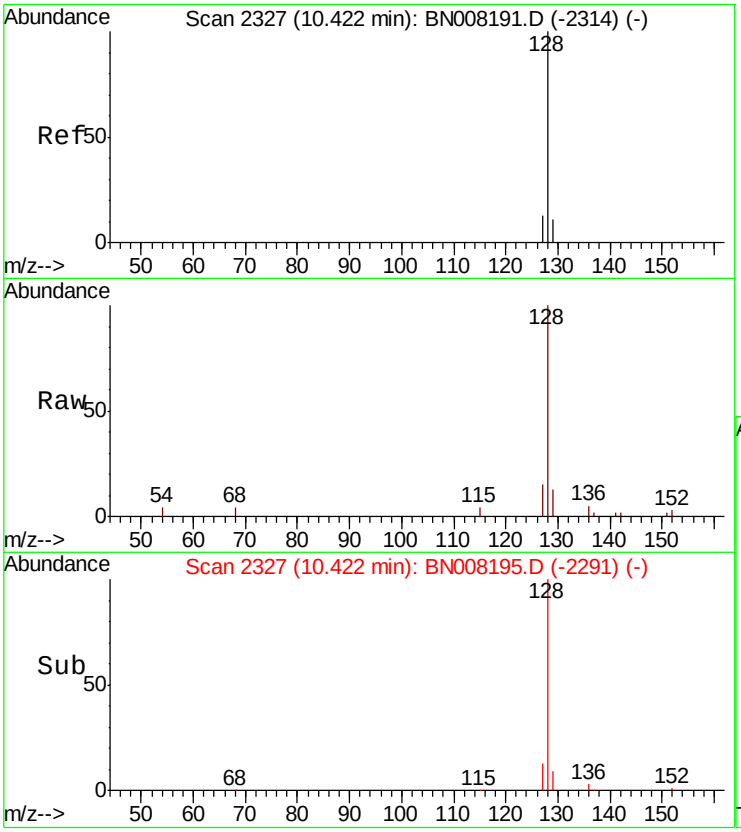
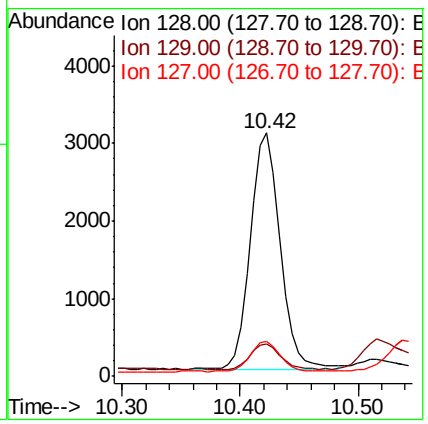


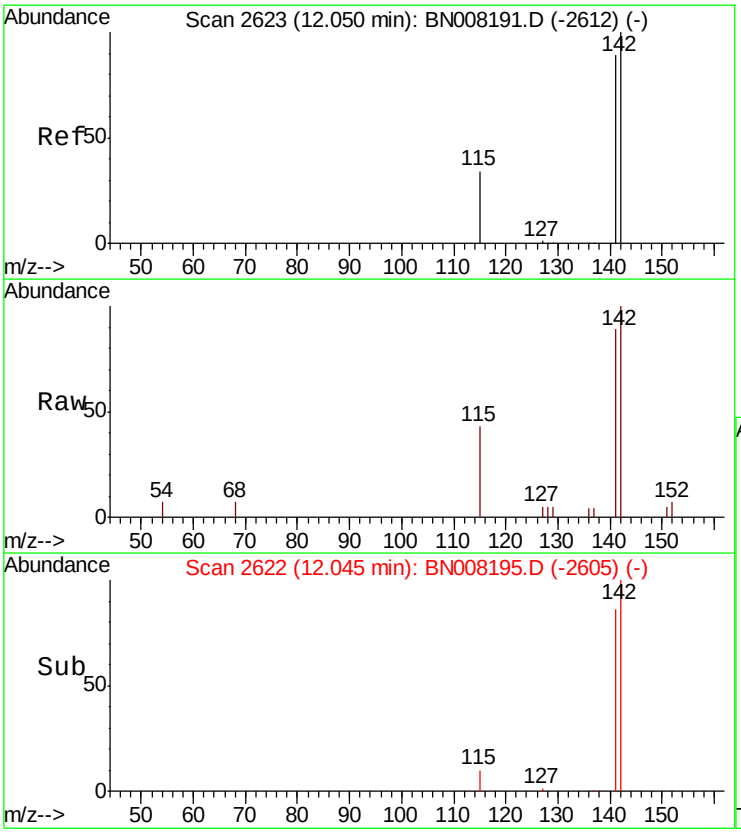


#3
Naphthalene
Concen: 0.142 ng/ul
RT: 10.42 min Scan# 2327
Delta R.T. -0.00 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:128 Resp: 5396

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.8	14.8
127	14.5	11.1	16.7

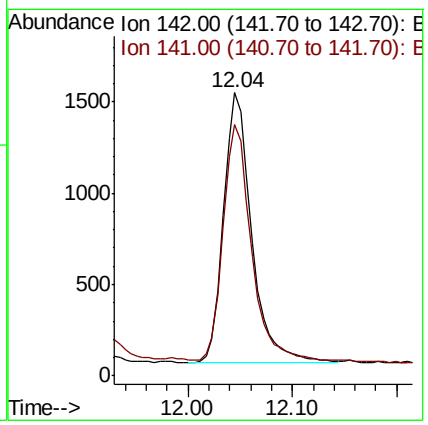


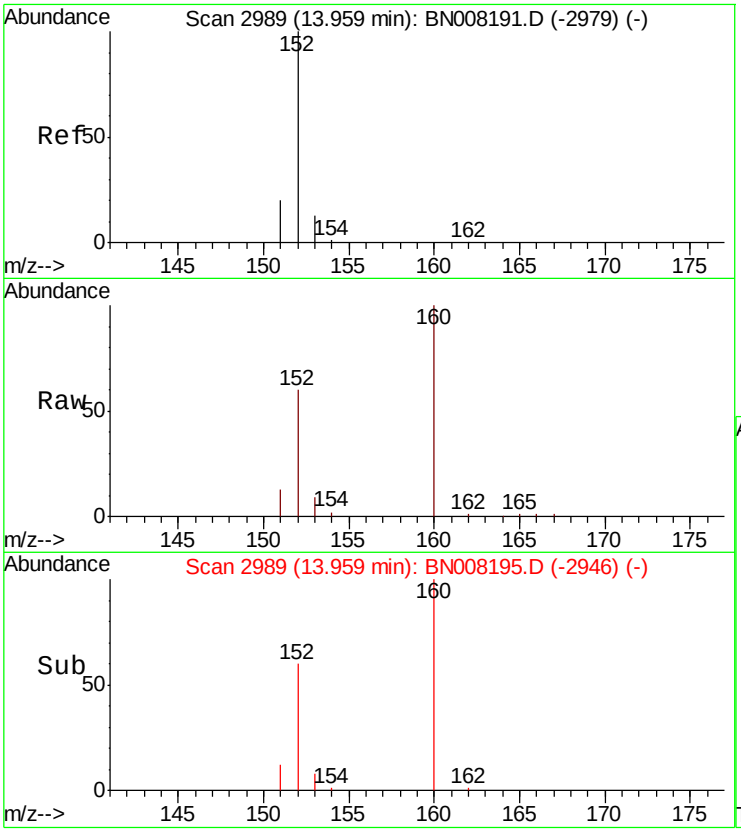


#5
2-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.04 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:142 Resp: 2784

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2

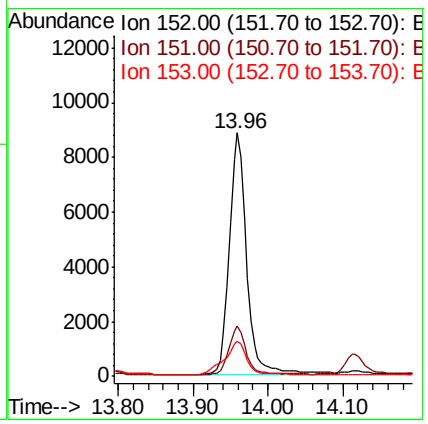


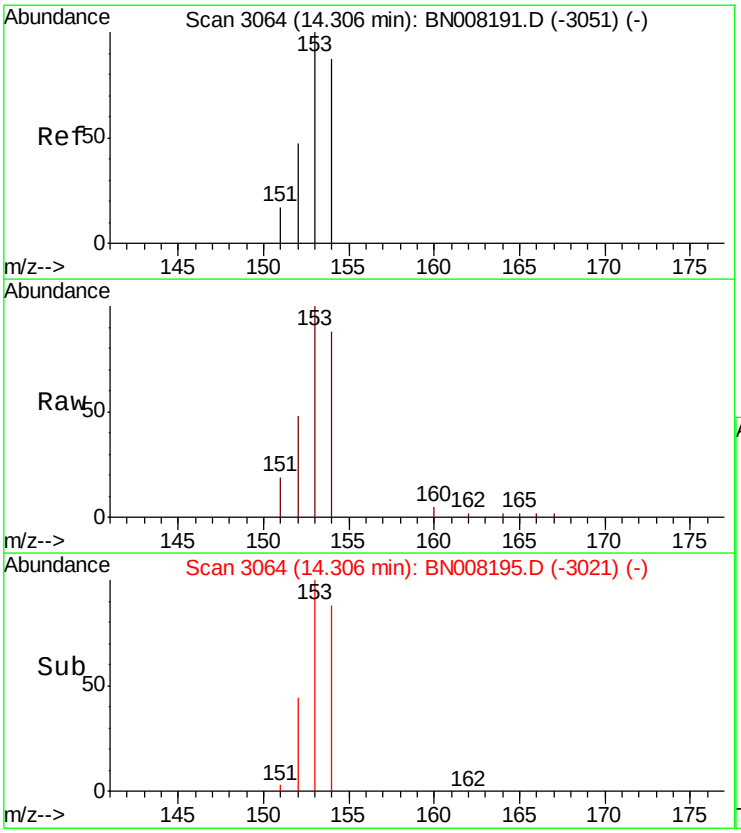


#7
Acenaphthylene
Concen: 0.348 ng/ul
RT: 13.96 min Scan# 2989
Delta R.T. -0.00 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:152 Resp: 14283

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	14.5	11.0	16.4

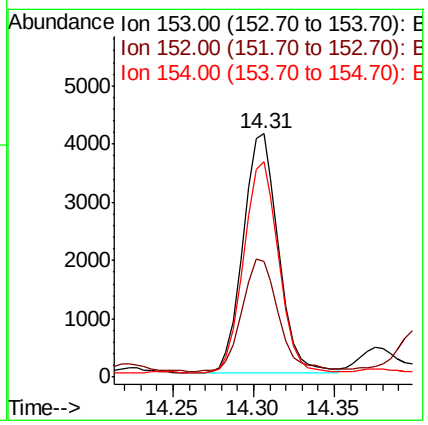


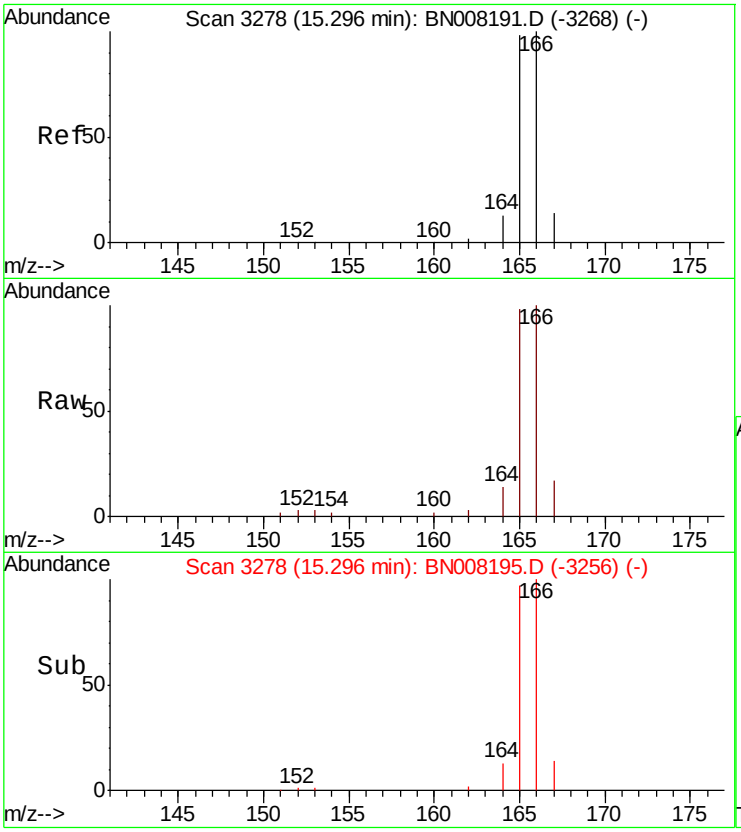


#8
Acenaphthene
Concen: 0.196 ng/ul
RT: 14.31 min Scan# 3064
Delta R.T. -0.00 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:153 Resp: 6270

Ion	Ratio	Lower	Upper
153	100		
152	47.5	38.2	57.2
154	88.3	71.8	107.8

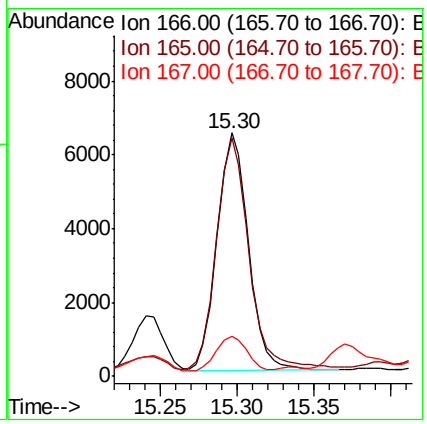


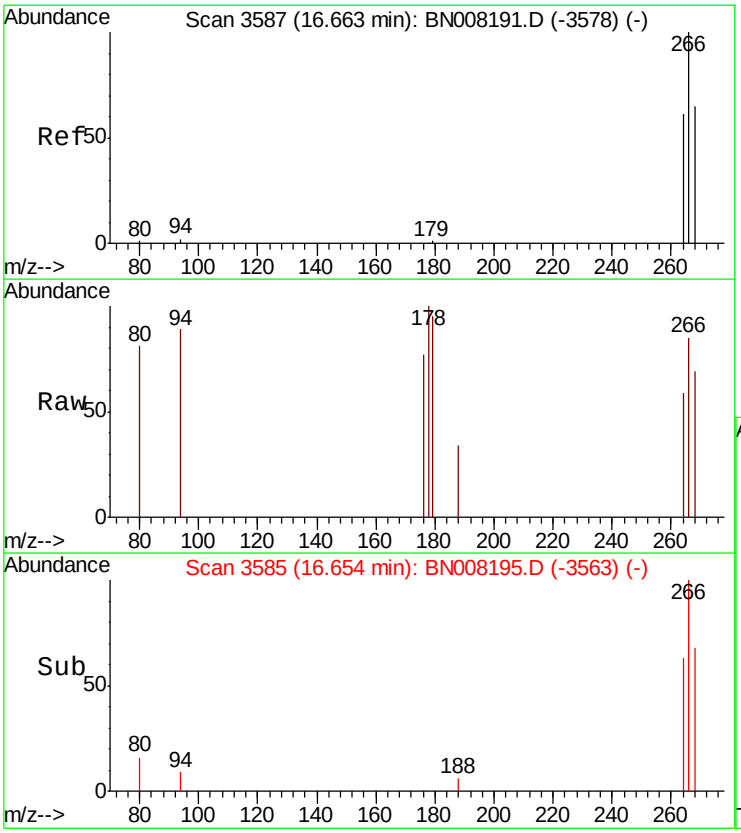


#9
Fluorene
Concen: 0.251 ng/ul
RT: 15.30 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:166 Resp: 9115

Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.6	115.0
167	16.7	11.7	17.5

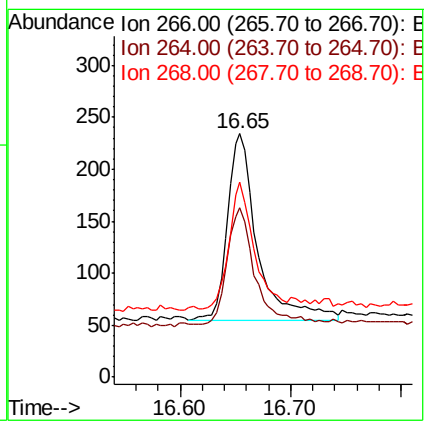


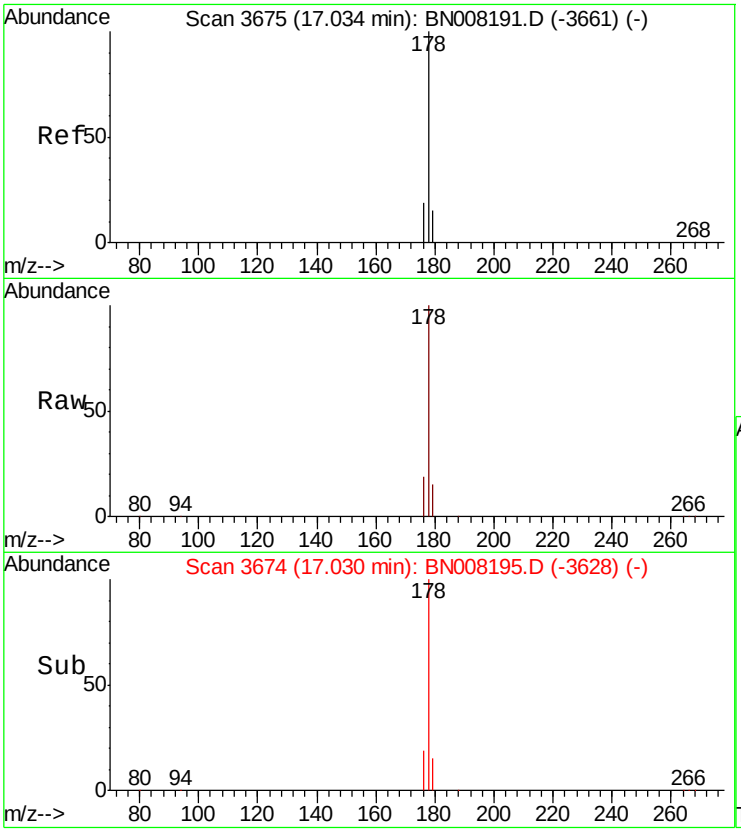


#11
Pentachlorophenol
Concen: 0.071 ng/ul
RT: 16.65 min Scan# 3585
Delta R.T. -0.01 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:266 Resp: 336

Ion	Ratio	Lower	Upper
266	100		
264	59.2	50.1	75.1
268	56.0	51.9	77.9

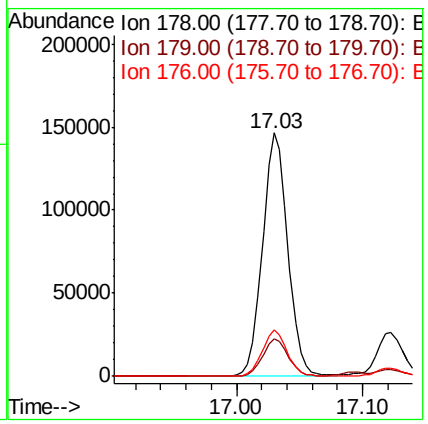


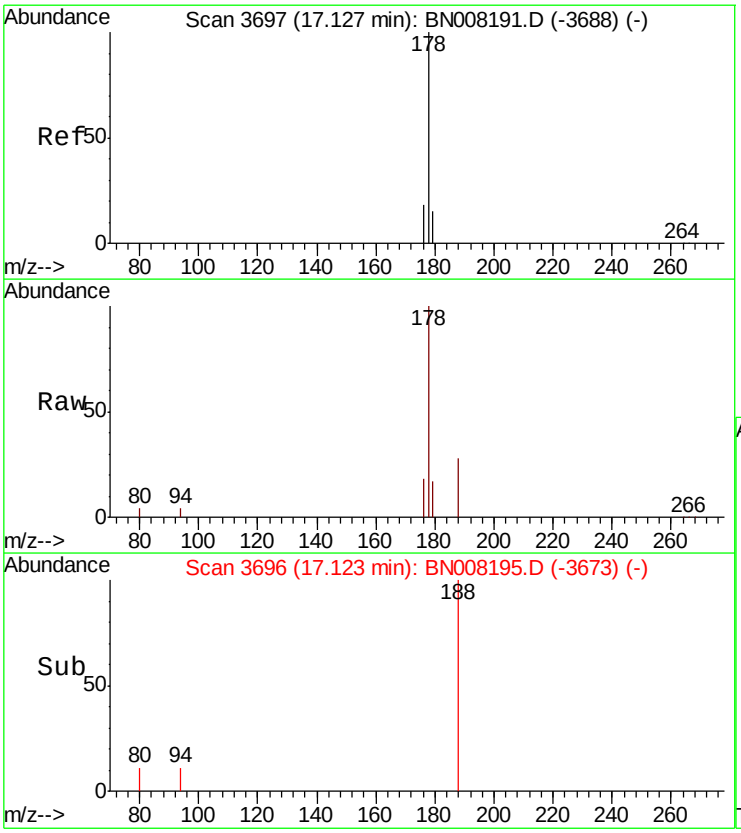


#12
Phenanthrene
Concen: 3.514 ng/ul
RT: 17.03 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:178 Resp: 202655

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.9	15.4	23.2

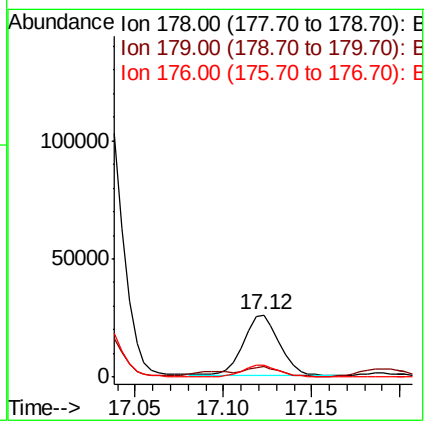


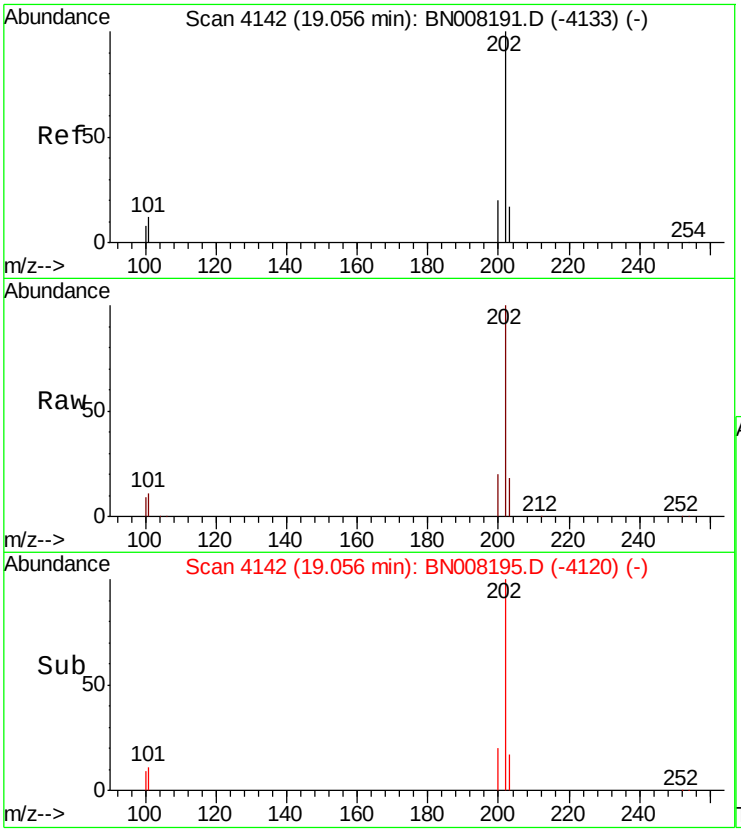


#13
Anthracene
Concen: 0.708 ng/ul
RT: 17.12 min Scan# 3696
Delta R.T. -0.00 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:178 Resp: 35919

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.6
176	18.5	15.0	22.6

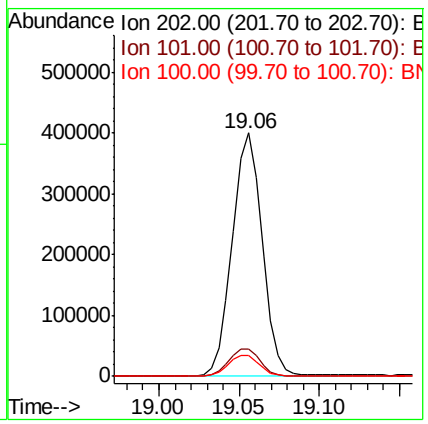


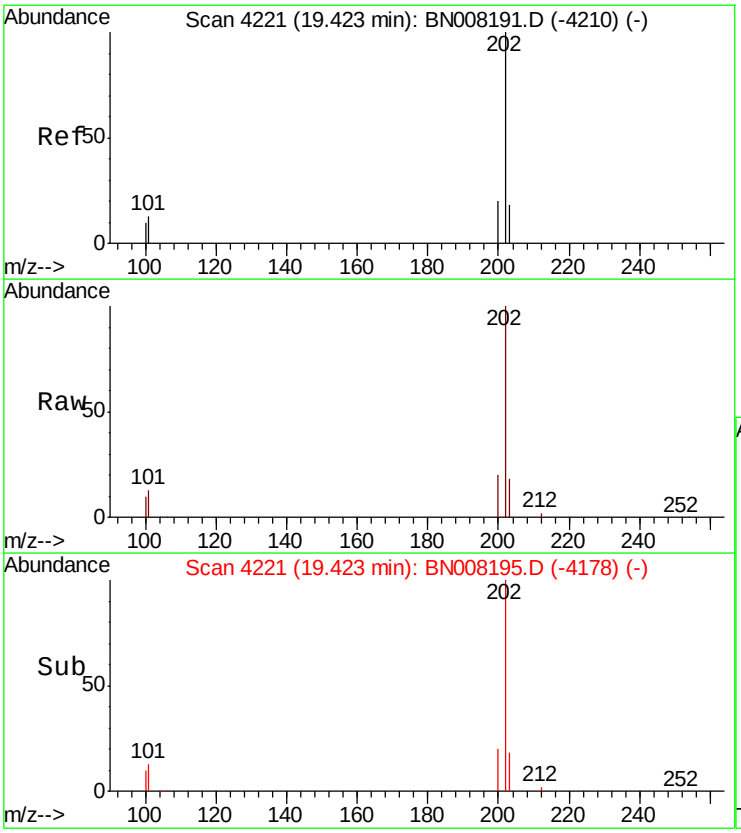


#15
Fluoranthene
Concen: 6.789 ng/ul
RT: 19.06 min Scan# 4142
Delta R.T. -0.00 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:202 Resp: 517141

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.2
100	8.6	0.0	28.5

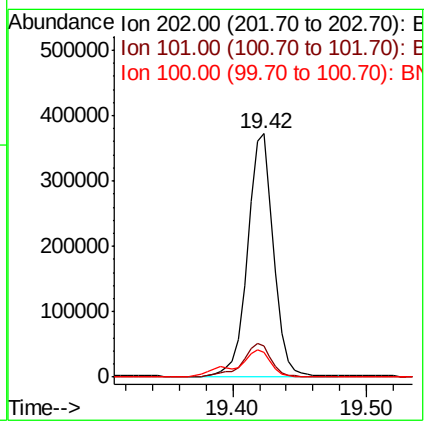


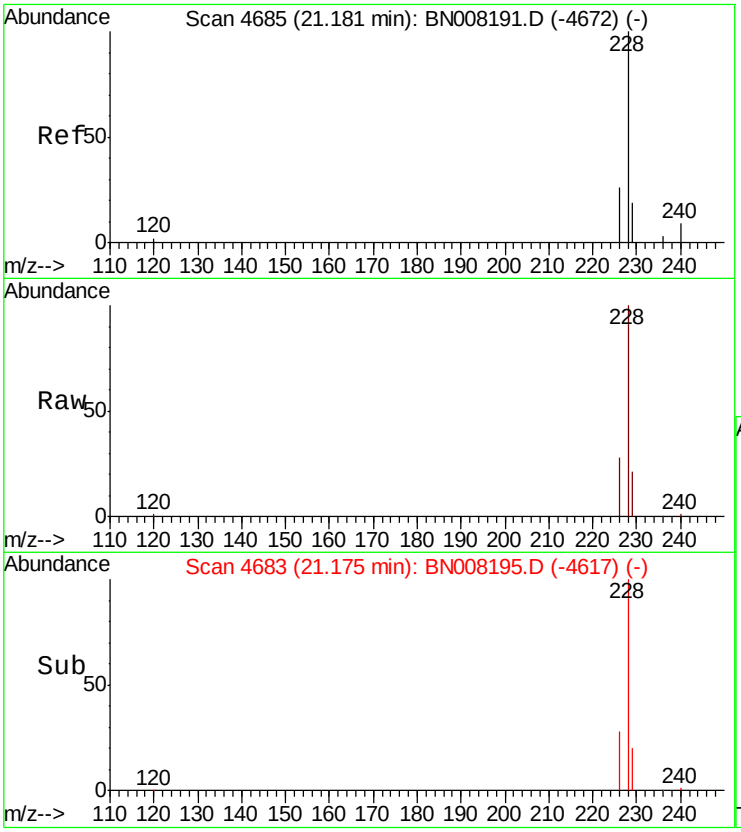


#17
Pyrene
Concen: 7.275 ng/ul
RT: 19.42 min Scan# 4221
Delta R.T. -0.00 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:202 Resp: 501474

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.9	16.3
100	10.3	8.7	13.1

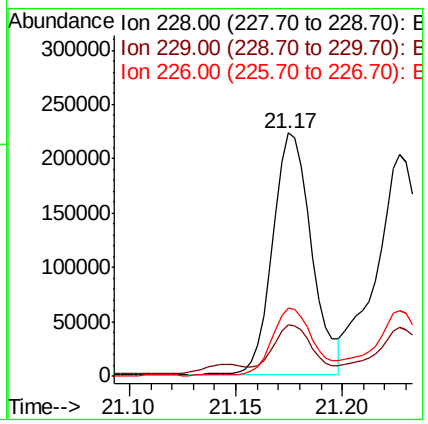


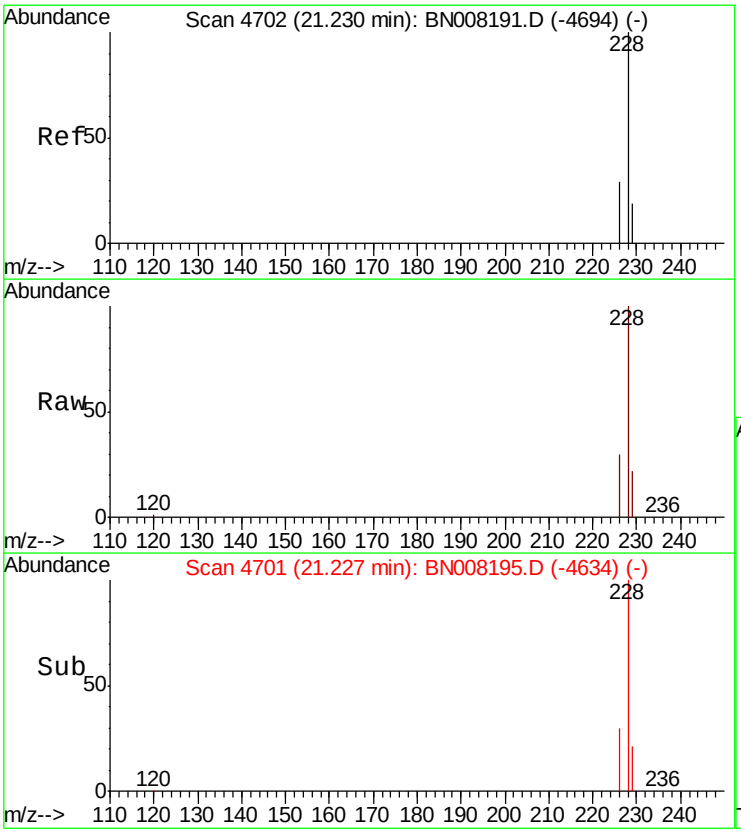


#18
Benzo(a)anthracene
Concen: 4.479 ng/ul
RT: 21.17 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:228 Resp: 281905

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.2
226	28.0	21.4	32.0

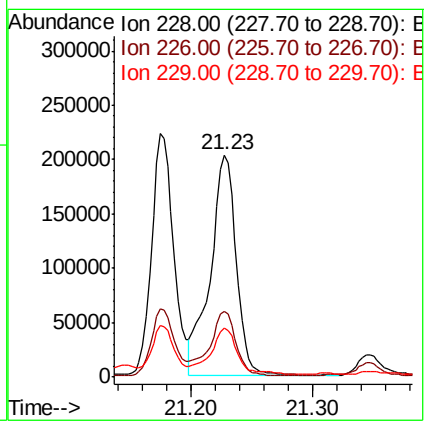


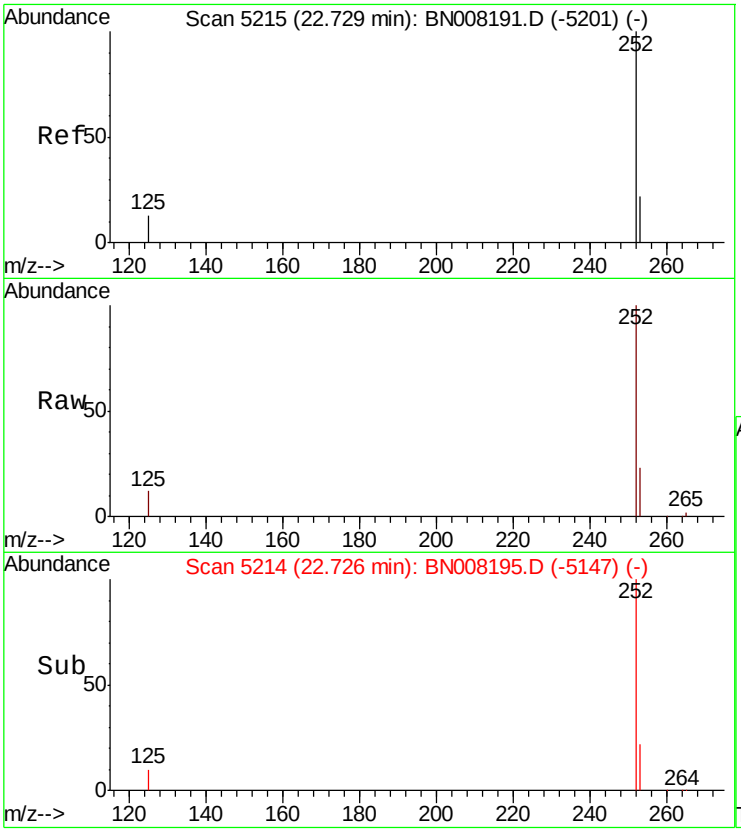


#19
Chrysene
Concen: 3.896 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. -0.00 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:228 Resp: 300941

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	21.9	16.2	24.2

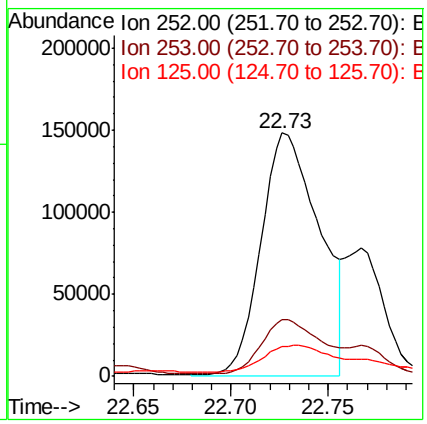


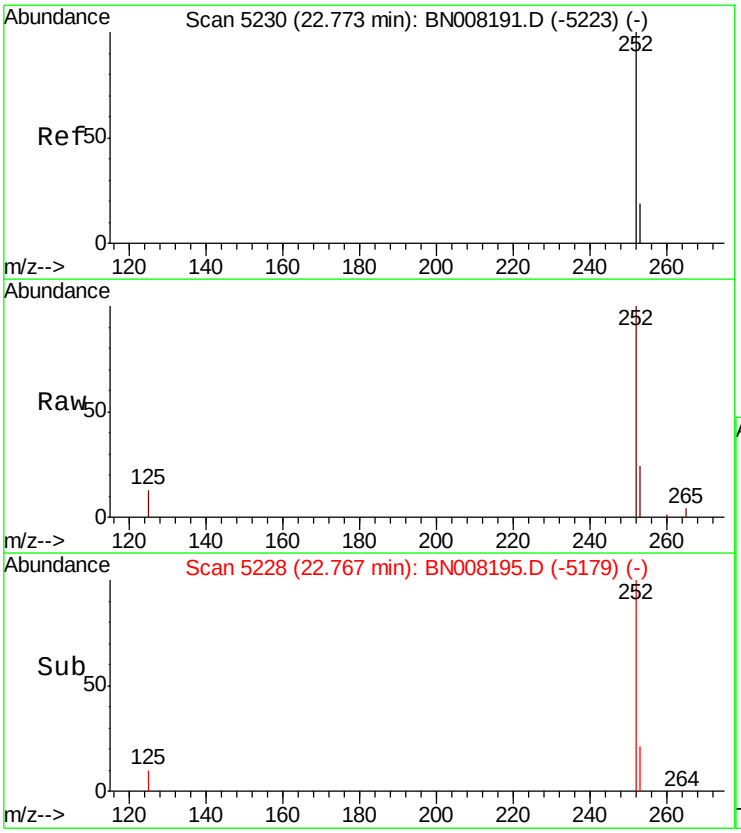


#21
Benzo(b)fluoranthene
Concen: 6.525 ng/ul m
RT: 22.73 min Scan# 5214
Delta R.T. -0.00 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:252 Resp: 311197

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	53.4
125	12.0	0.0	32.4

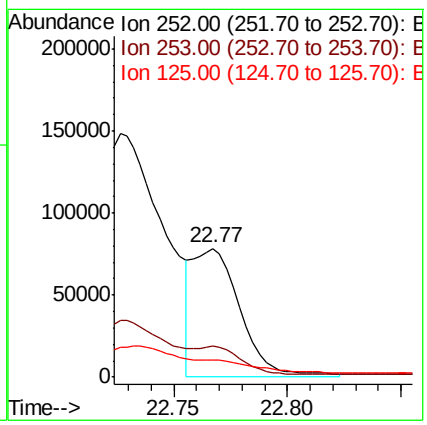


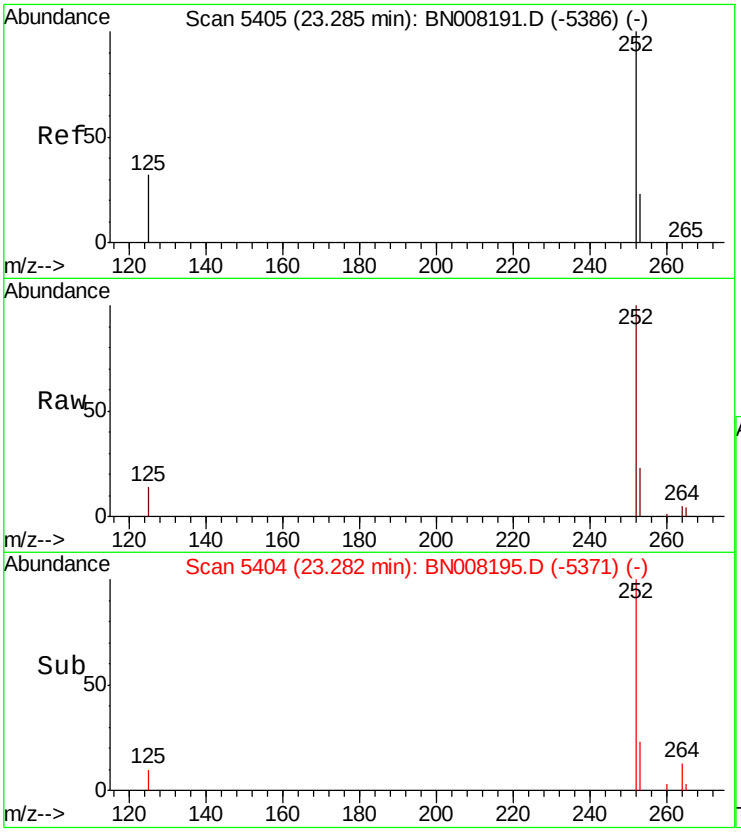


#22
Benzo(k)fluoranthene
Concen: 2.101 ng/ul m
RT: 22.77 min Scan# 5228
Delta R.T. -0.01 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:252 Resp: 113531

Ion	Ratio	Lower	Upper
252	100		
253	24.1	21.3	31.9
125	13.5	12.3	18.5

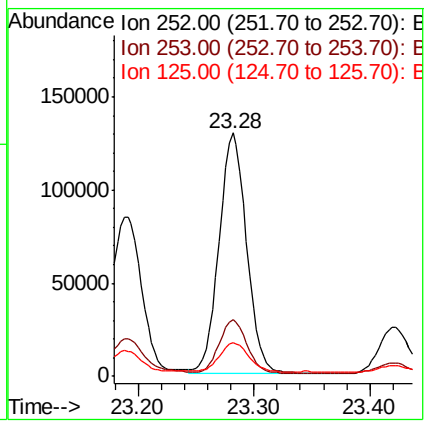


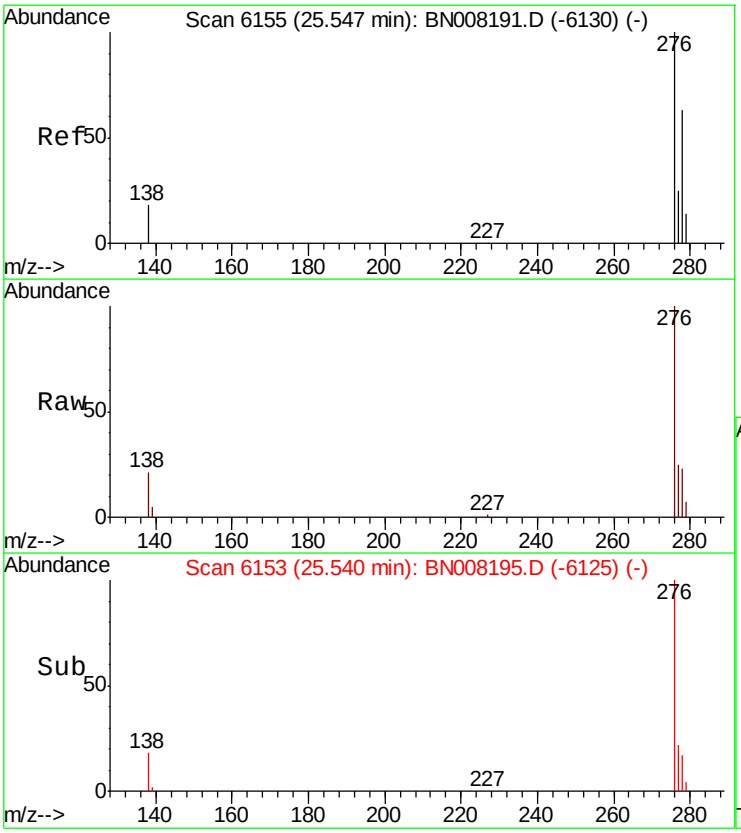


#23
Benzo(a)pyrene
Concen: 4.252 ng/ul
RT: 23.28 min Scan# 5404
Delta R.T. -0.00 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:252 Resp: 213405

Ion	Ratio	Lower	Upper
252	100		
253	23.1	22.8	34.2
125	13.7	18.4	27.6#

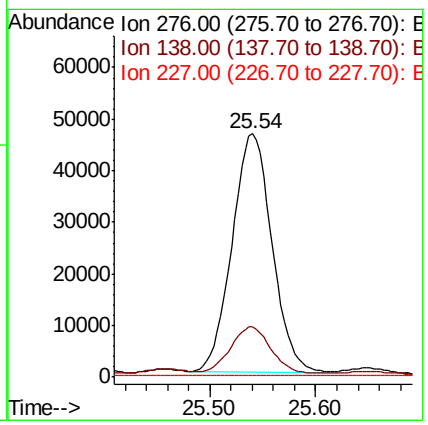


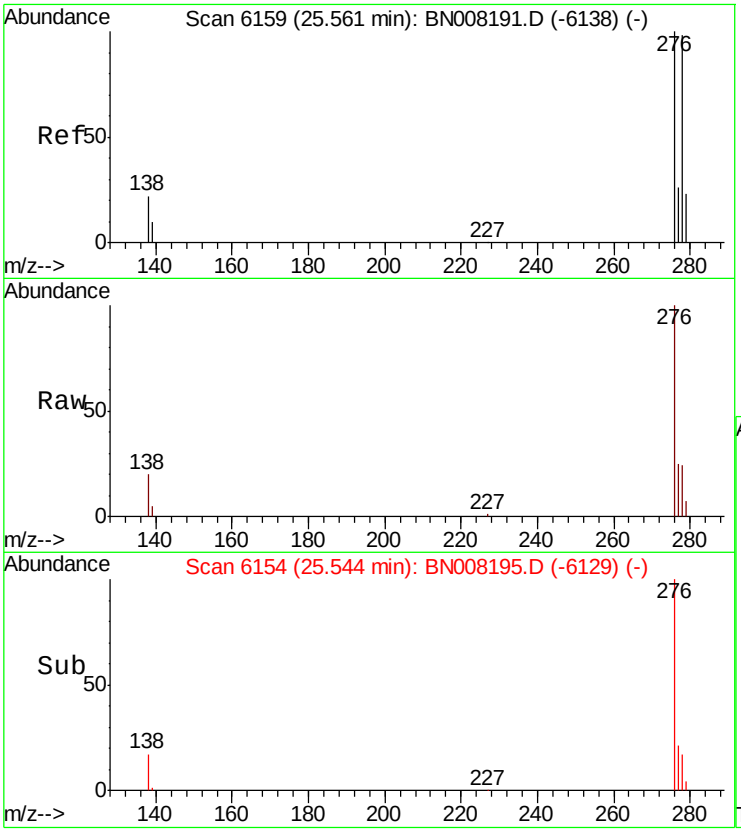


#24
Indeno(1,2,3-cd)pyrene
Concen: 2.048 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.01 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:276 Resp: 121081

Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.1	24.1
227	0.2	0.2	0.2

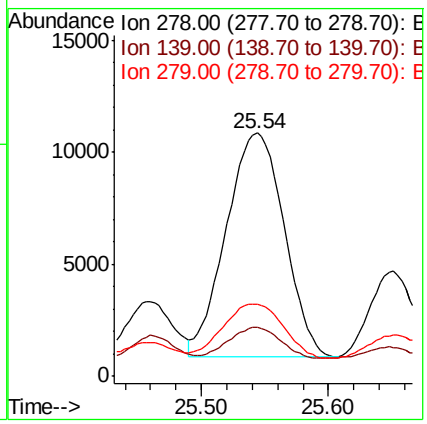


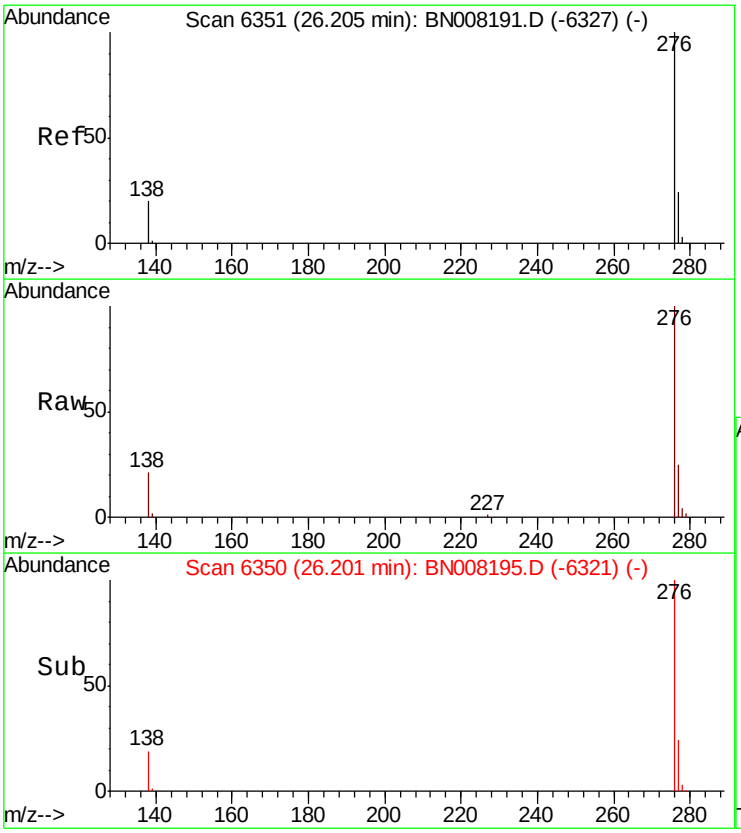


#25
Dibenzo(a,h)anthracene
Concen: 0.681 ng/ul
RT: 25.54 min Scan# 6154
Delta R.T. -0.02 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:278 Resp: 31829

Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.0	22.6
279	29.7	22.4	33.6





#26
Benzo(g,h,i)perylene
Concen: 1.904 ng/ul
RT: 26.20 min Scan# 6350
Delta R.T. -0.00 min
Lab File: BN008195.D
Acq: 16 Oct 2019 13:05

Tgt Ion:276 Resp: 103189

Ion	Ratio	Lower	Upper
276	100		
138	20.7	17.0	25.4
277	24.7	20.4	30.6