Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120318\
Data File : BN003677.D
Acq On : 03 Dec 2018 11:40
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 03 13:09:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 03 03:30:35 2018
Response via : Initial Calibration

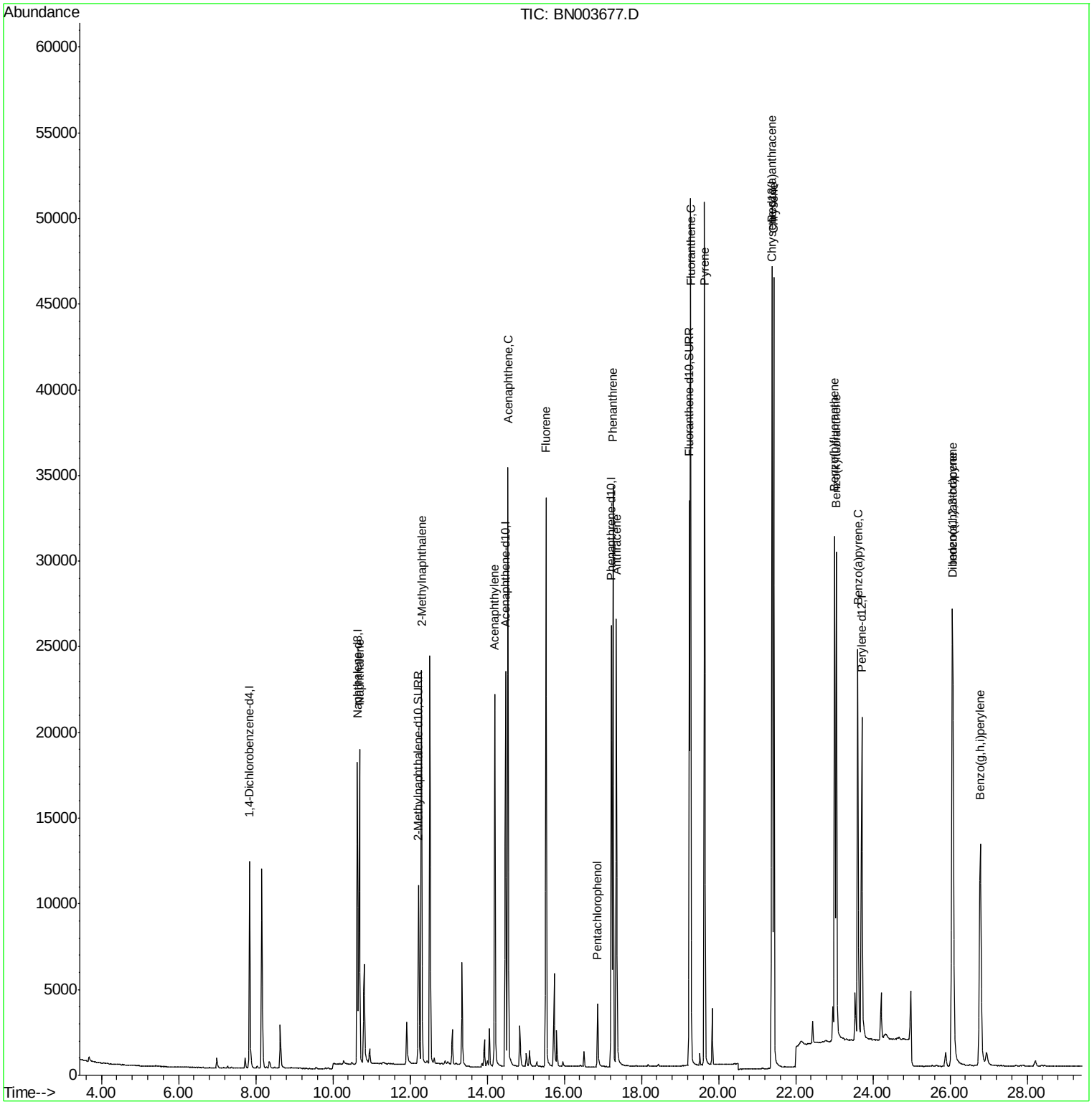
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	6164	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	24302	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	13214	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	30619	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	28913	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	25996	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	14577	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	34697	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.69	128	25462	0.373	ng/ul	100
5) 2-Methylnaphthalene	12.30	142	17281	0.363	ng/ul	99
7) Acenaphthylene	14.19	152	25772	0.433	ng/ul	99
8) Acenaphthene	14.54	153	20163	0.387	ng/ul	99
9) Fluorene	15.52	166	21662	0.356	ng/ul	99
11) Pentachlorophenol	16.86	266	3014	0.547	ng/ul	99
12) Phenanthrene	17.26	178	37342	0.372	ng/ul	99
13) Anthracene	17.35	178	30450	0.369	ng/ul	100
15) Fluoranthene	19.27	202	43597	0.367	ng/ul	97
17) Pyrene	19.64	202	44432	0.428	ng/ul	99
18) Benzo(a)anthracene	21.38	228	35650	0.390	ng/ul	99
19) Chrysene	21.43	228	39114	0.374	ng/ul	99
21) Benzo(b)fluoranthene	23.01	252	38048	0.354	ng/ul	99
22) Benzo(k)fluoranthene	23.05	252	37973	0.362	ng/ul	99
23) Benzo(a)pyrene	23.61	252	33202	0.357	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.06	276	35597	0.333	ng/ul	98
25) Dibenzo(a,h)anthracene	26.08	278	28098	0.327	ng/ul	99
26) Benzo(g,h,i)perylene	26.78	276	30220	0.326	ng/ul	98

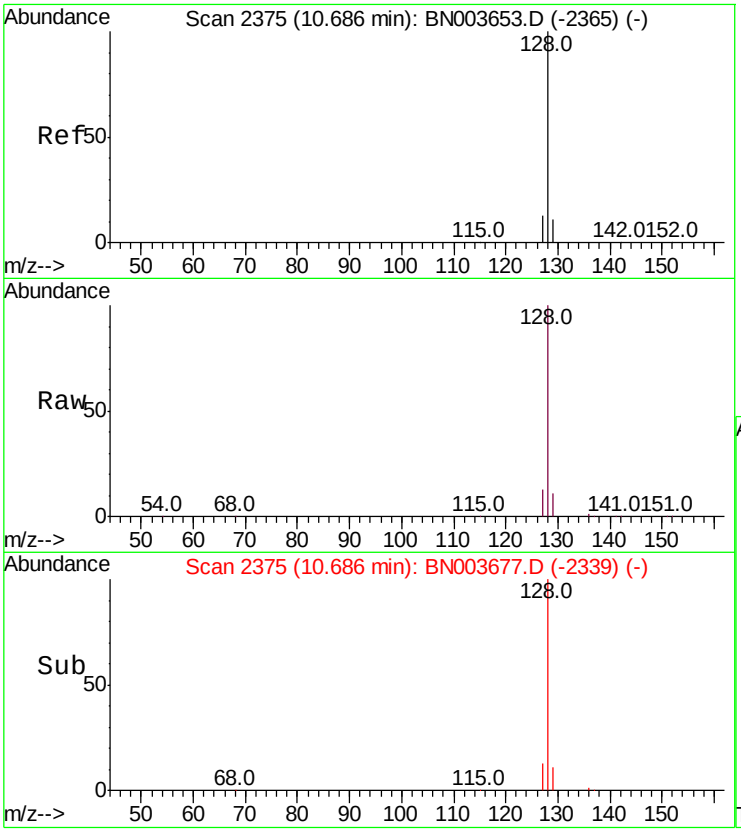
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120318\
Data File : BN003677.D
Acq On : 03 Dec 2018 11:40
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 03 13:09:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 03 03:30:35 2018
Response via : Initial Calibration

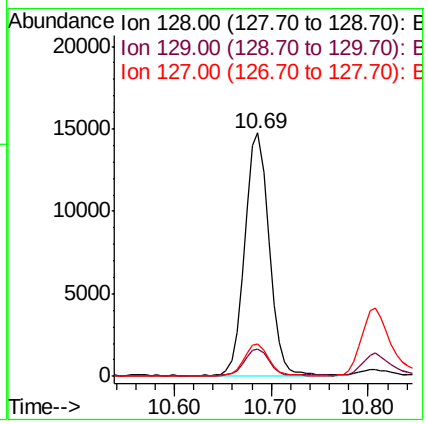


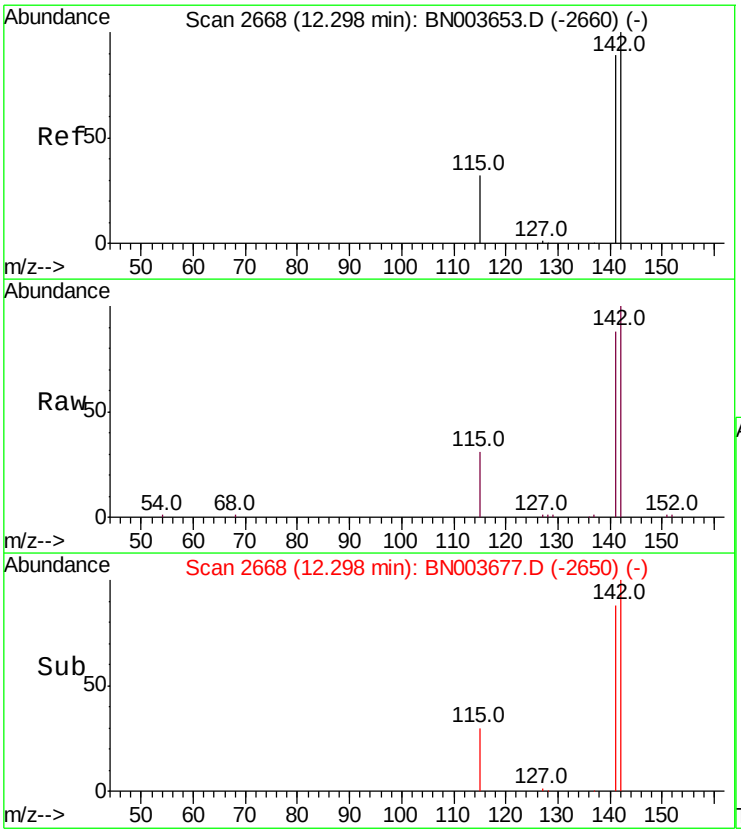


#3
Naphthalene
Concen: 0.373 ng/ul
RT: 10.69 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:128 Resp: 25462

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.3	10.5	15.7

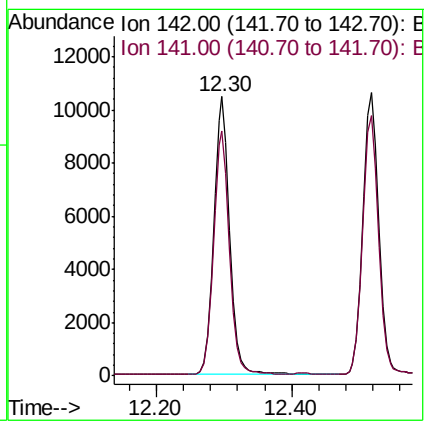


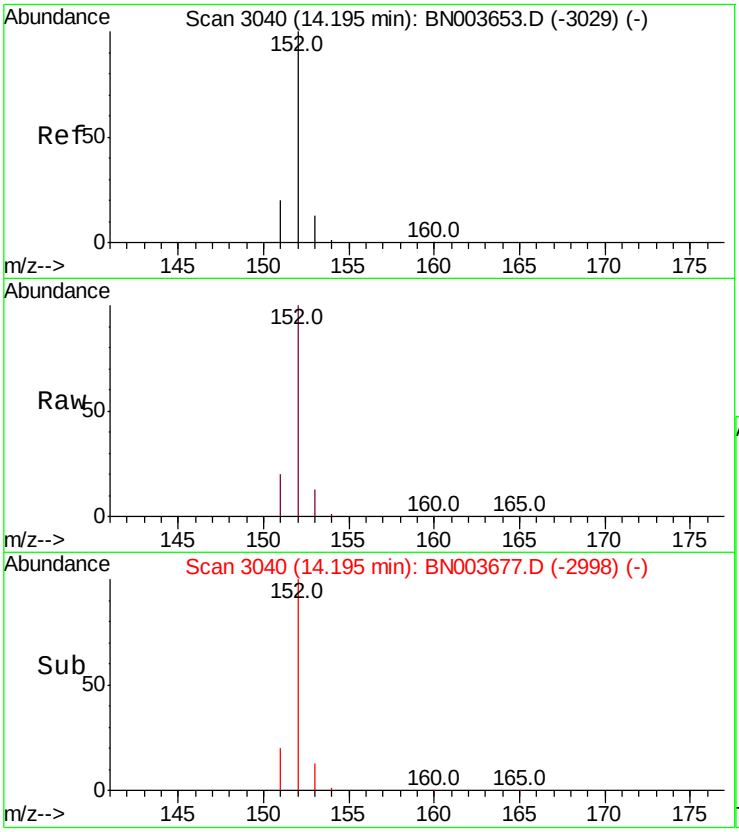


#5
2-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.30 min Scan# 2668
Delta R.T. 0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:142 Resp: 17281

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.5	107.3

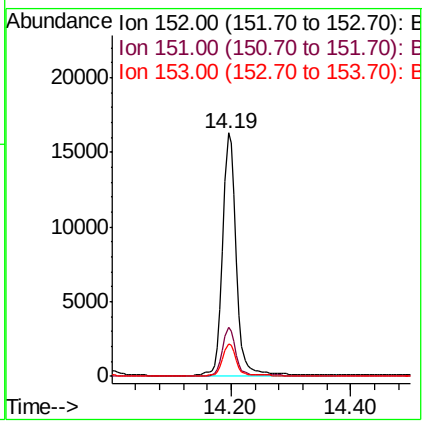


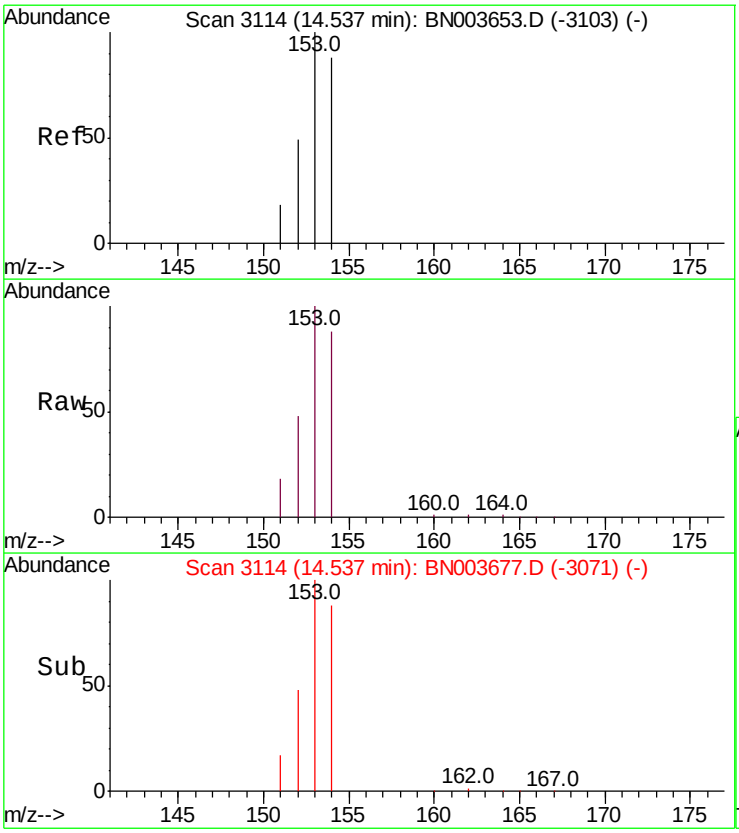


#7
Acenaphthylene
Concen: 0.433 ng/ul
RT: 14.19 min Scan# 3040
Delta R.T. -0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:152 Resp: 25772

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.3	10.7	16.1

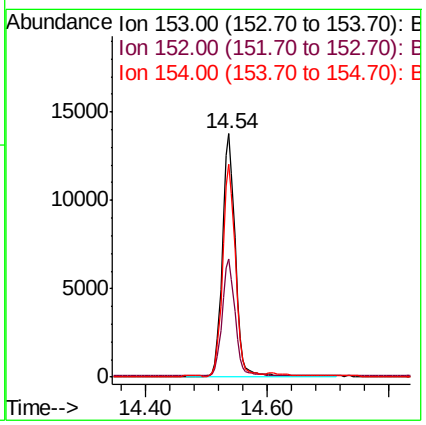


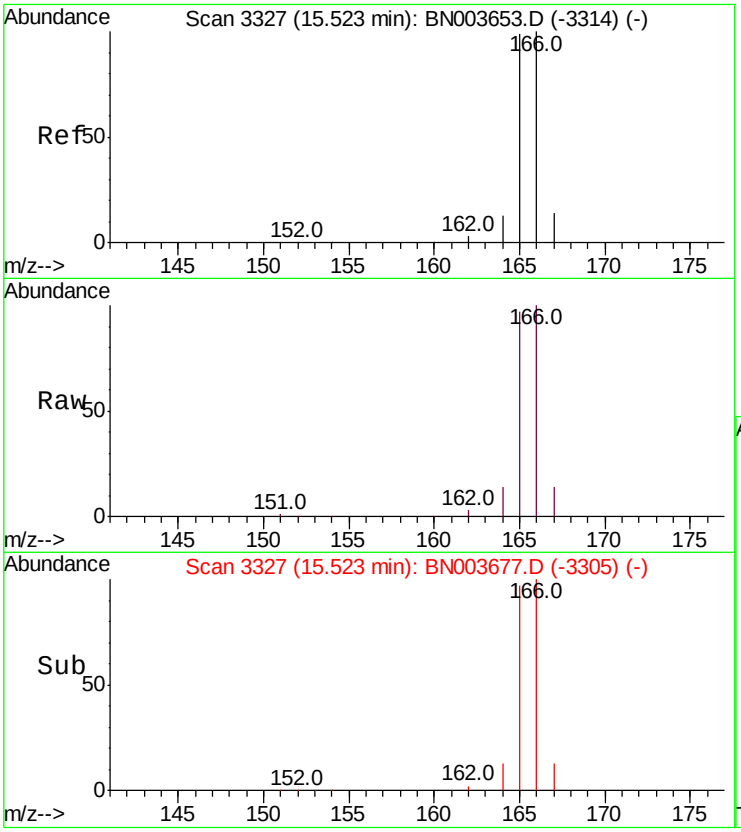


#8
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.54 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:153 Resp: 20163

Ion	Ratio	Lower	Upper
153	100		
152	48.5	39.3	58.9
154	87.6	70.3	105.5

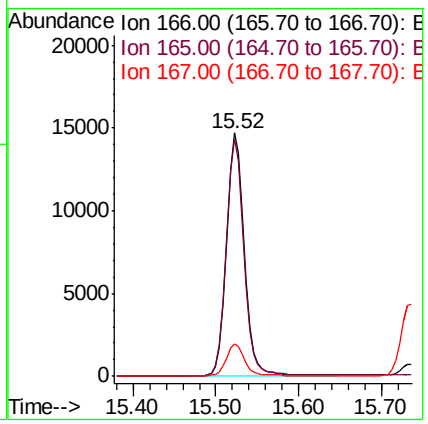


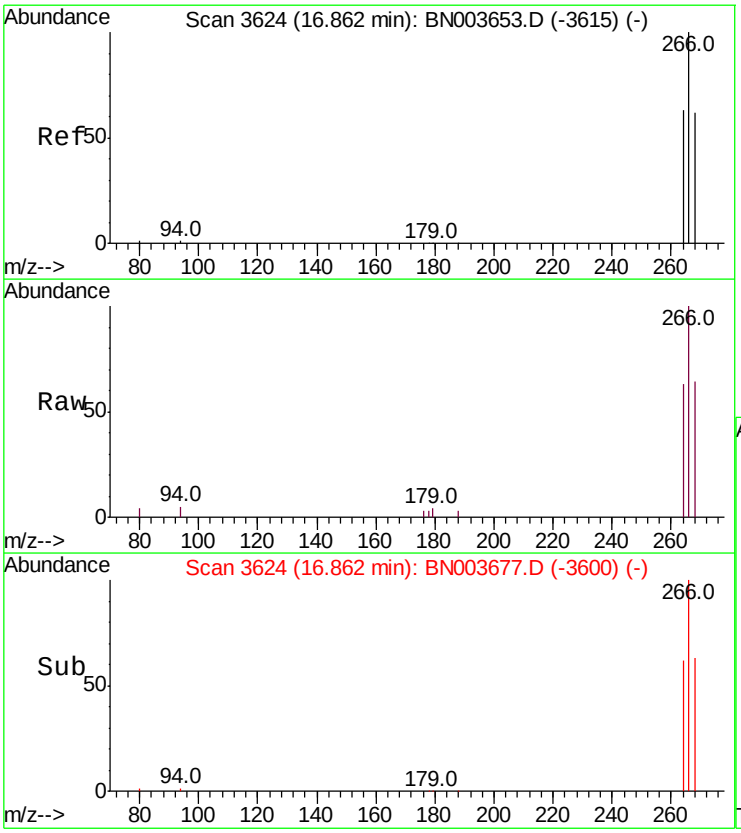


#9
Fluorene
Concen: 0.356 ng/ul
RT: 15.52 min Scan# 3327
Delta R.T. 0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:166 Resp: 21662

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.3	117.5
167	13.6	11.3	16.9

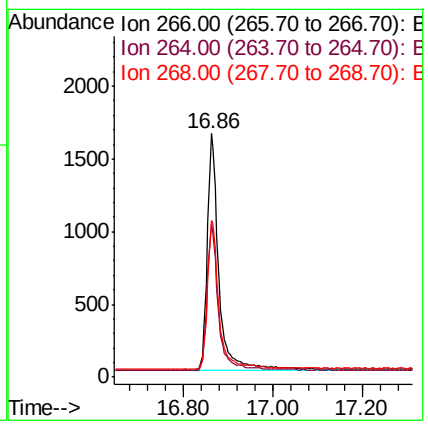


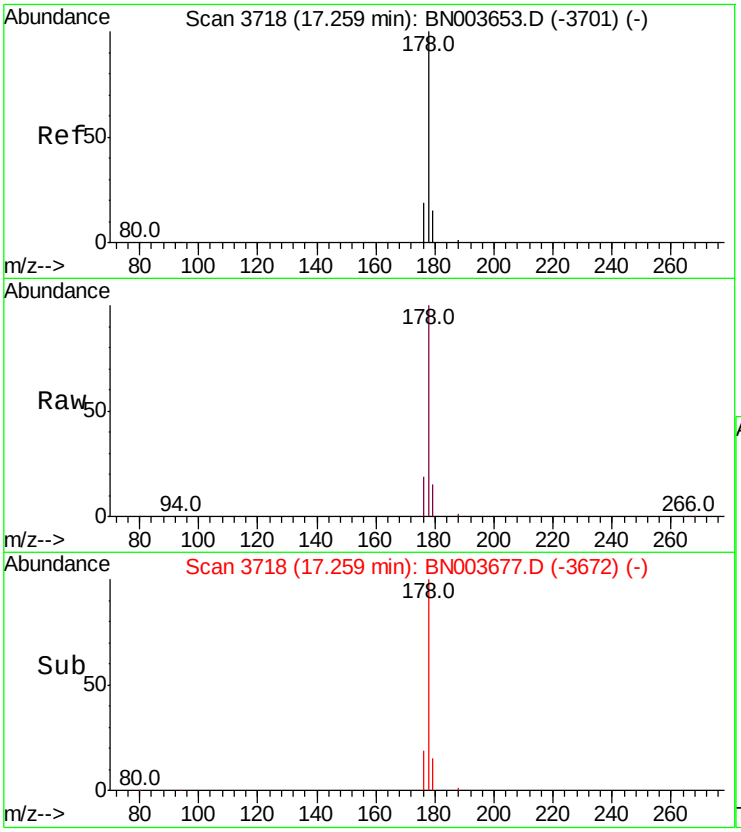


#11
Pentachlorophenol
Concen: 0.547 ng/ul
RT: 16.86 min Scan# 3624
Delta R.T. 0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:266 Resp: 3014

Ion	Ratio	Lower	Upper
266	100		
264	61.6	49.4	74.2
268	63.7	51.7	77.5

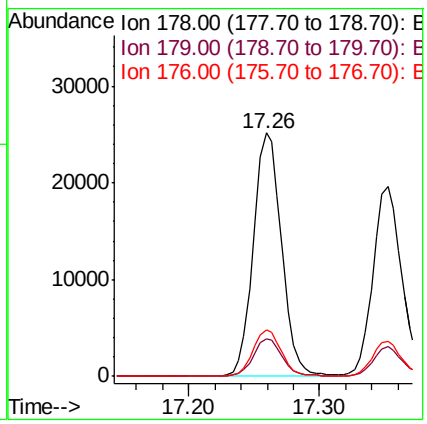


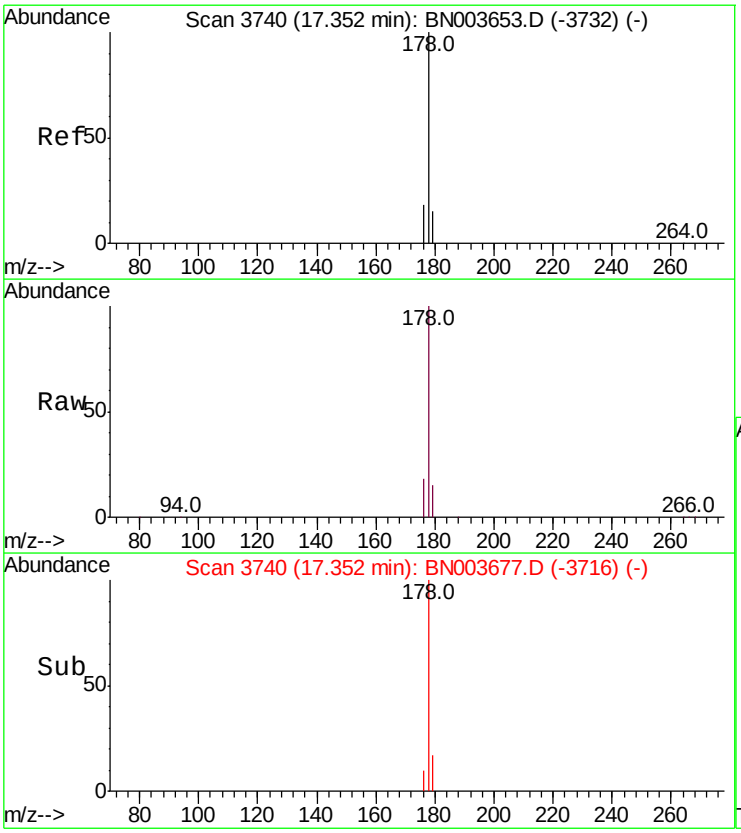


#12
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.26 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:178 Resp: 37342

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.5	18.7
176	19.1	15.0	22.4

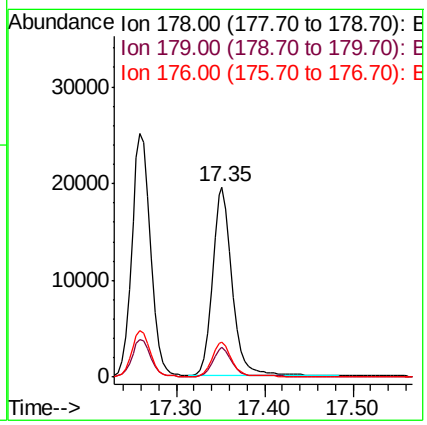


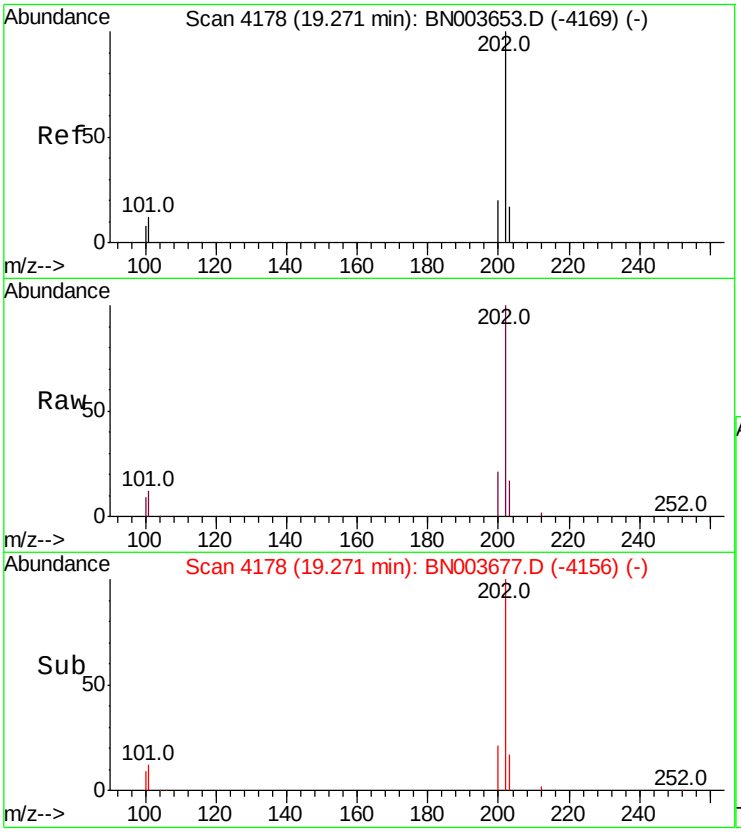


#13
Anthracene
Concen: 0.369 ng/ul
RT: 17.35 min Scan# 3740
Delta R.T. 0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:178 Resp: 30450

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.3	14.8	22.2

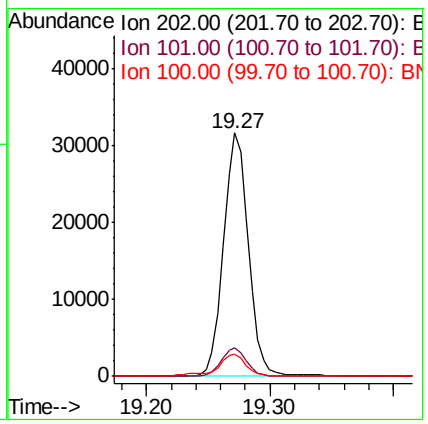


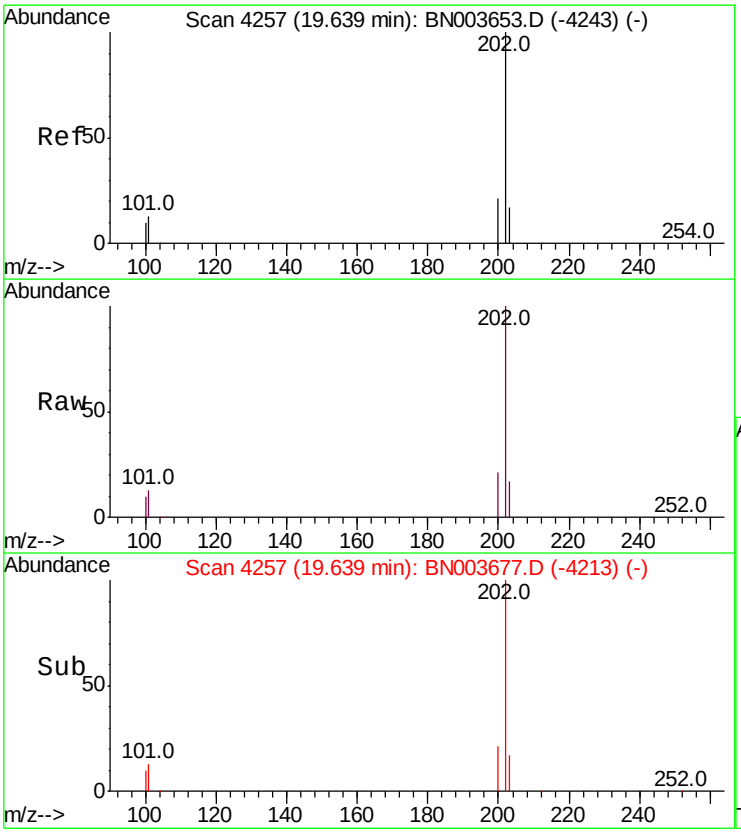


#15
Fluoranthene
Concen: 0.367 ng/ul
RT: 19.27 min Scan# 4178
Delta R.T. 0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:202 Resp: 43597

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.7
100	8.9	0.0	28.1

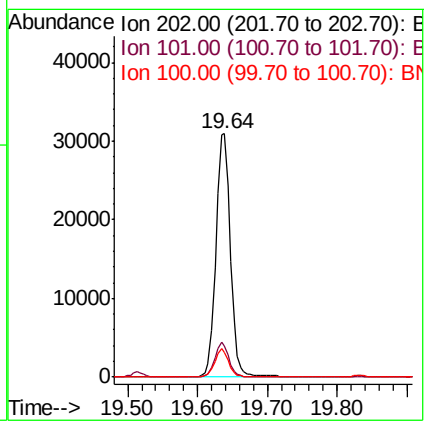


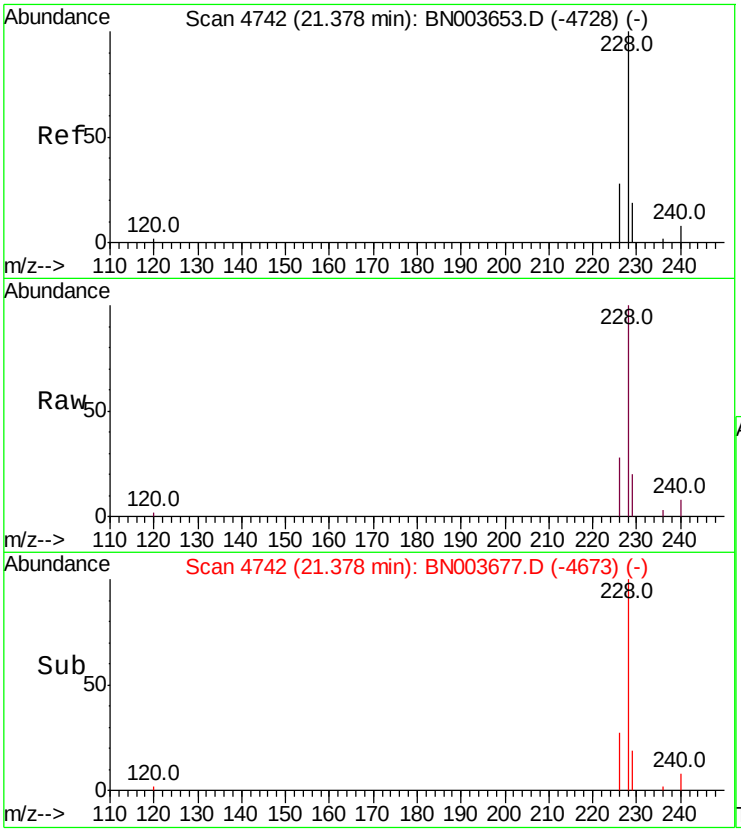


#17
Pyrene
Concen: 0.428 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:202 Resp: 44432

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.3	15.5
100	10.3	8.5	12.7

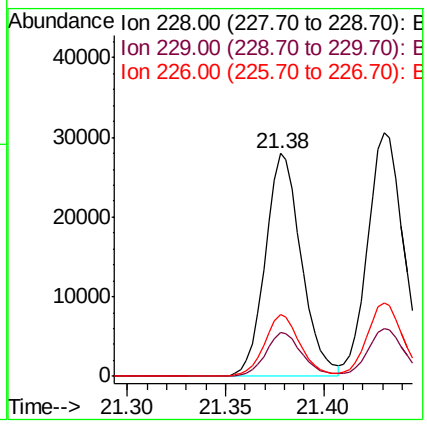


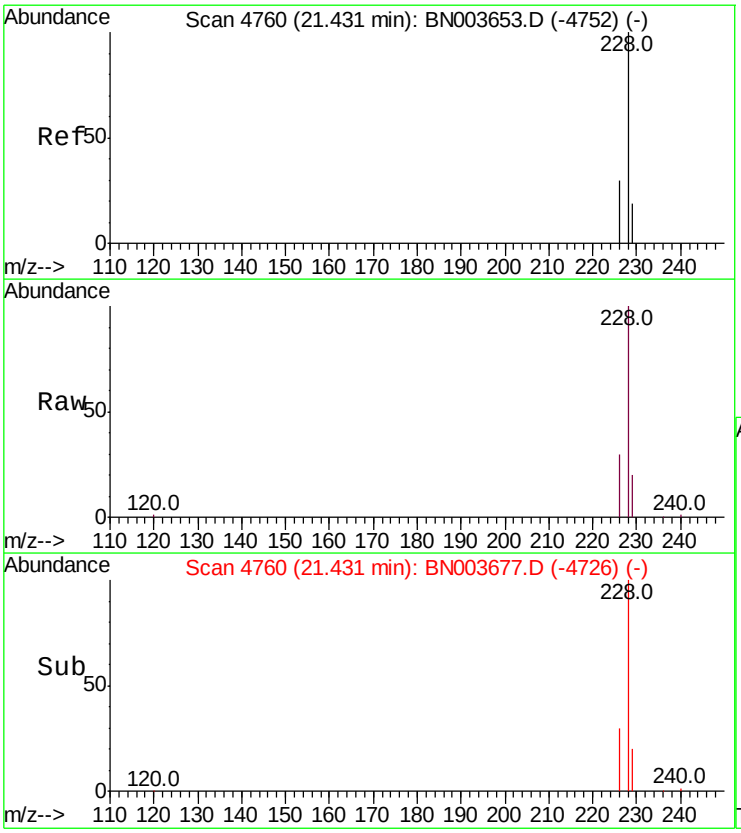


#18
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 21.38 min Scan# 4742
Delta R.T. 0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:228 Resp: 35650

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.6	23.4
226	27.6	21.1	31.7

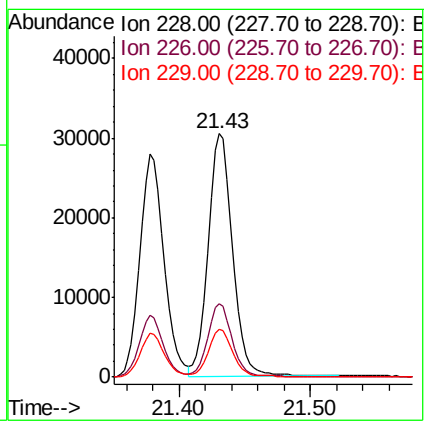


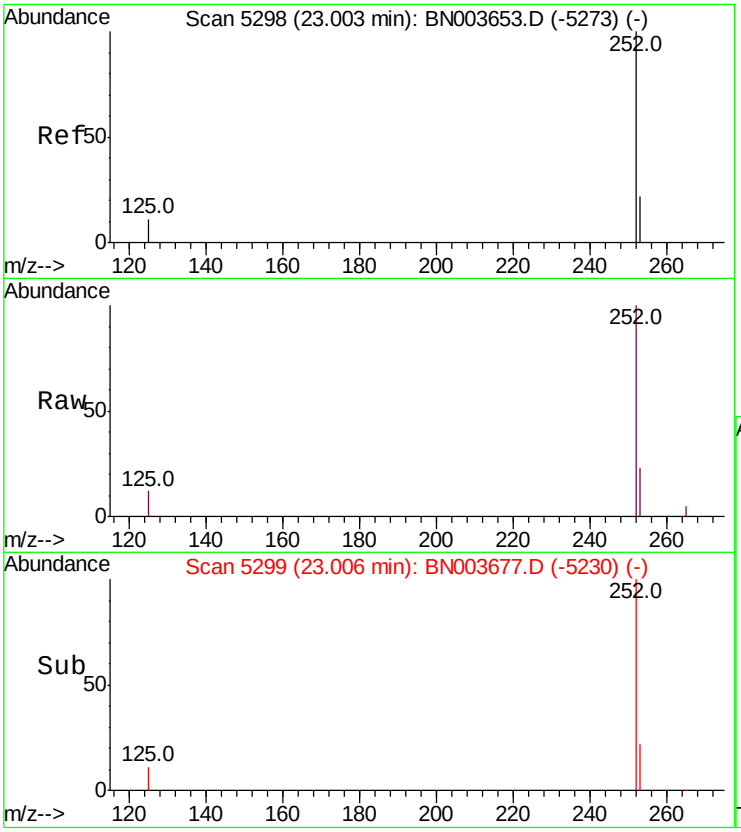


#19
Chrysene
Concen: 0.374 ng/ul
RT: 21.43 min Scan# 4760
Delta R.T. 0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:228 Resp: 39114

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	19.8	15.7	23.5

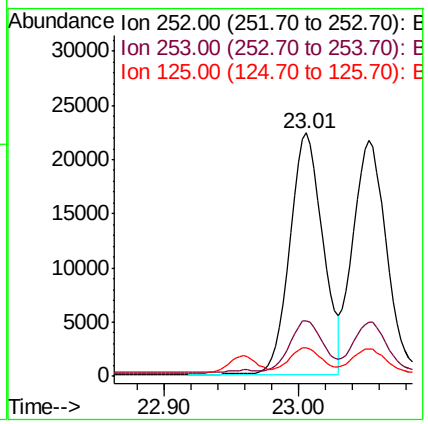


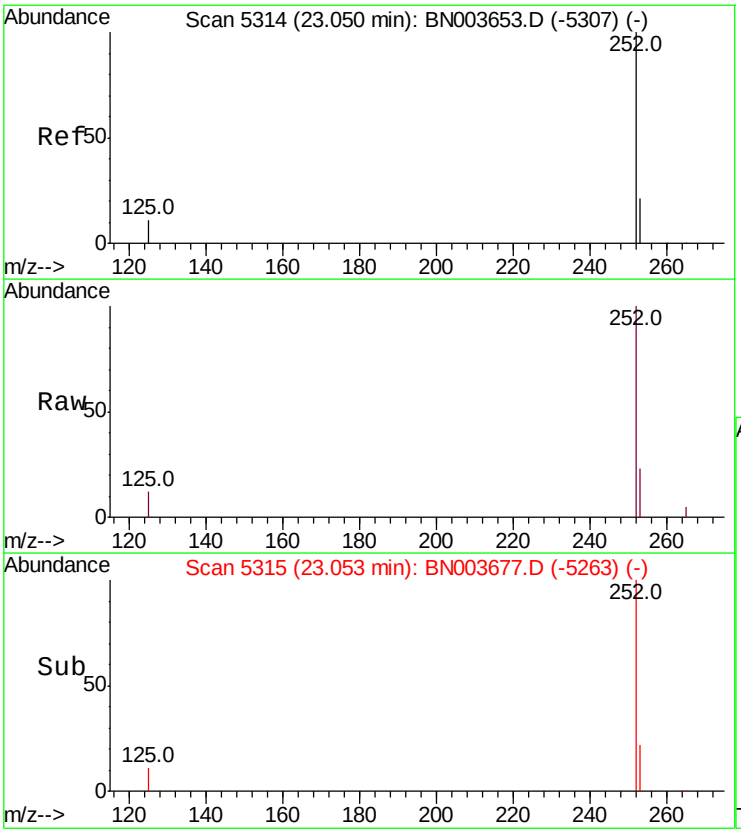


#21
Benzo(b)fluoranthene
Concen: 0.354 ng/ul
RT: 23.01 min Scan# 5299
Delta R.T. 0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:252 Resp: 38048

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	46.0
125	11.8	0.0	22.4

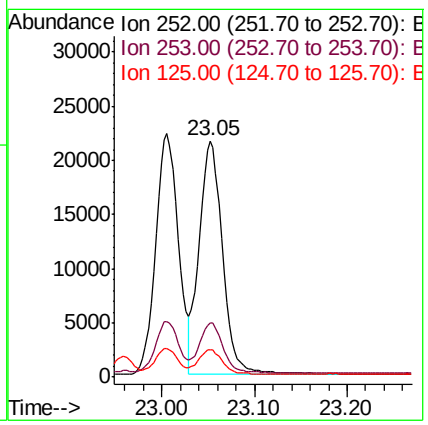


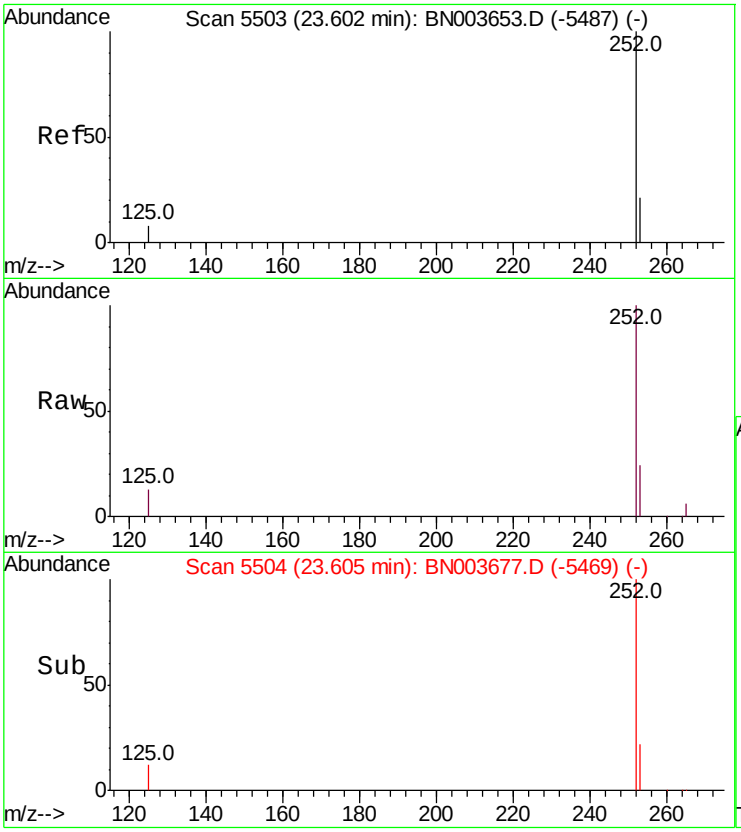


#22
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 23.05 min Scan# 5315
Delta R.T. 0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:252 Resp: 37973

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	11.8	9.0	13.6

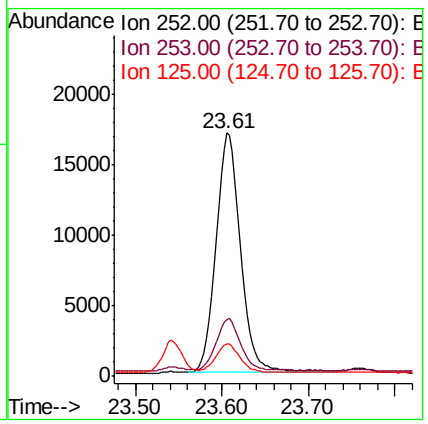


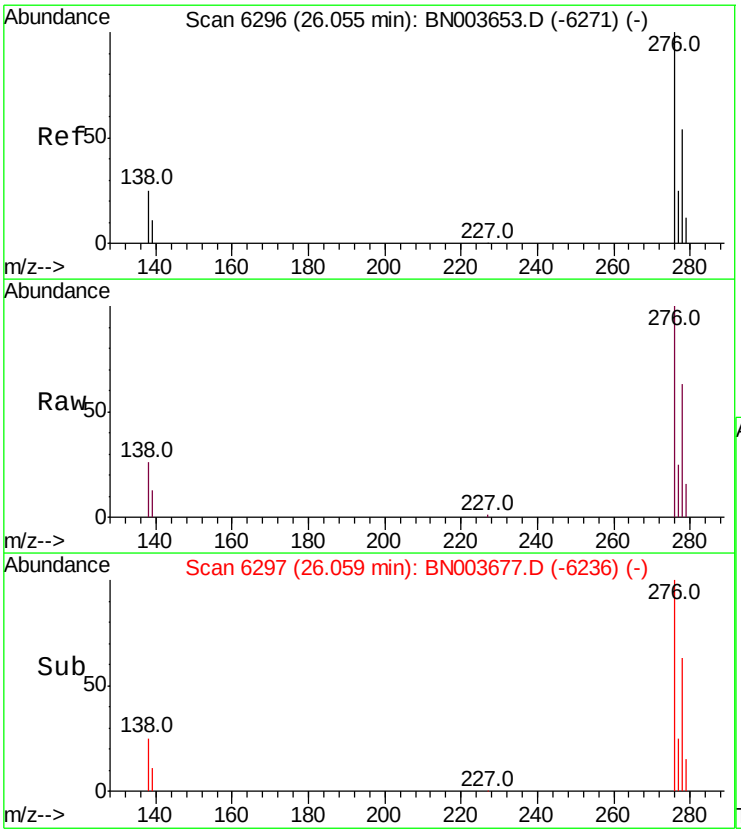


#23
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.61 min Scan# 5504
Delta R.T. 0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:252 Resp: 33202

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.4
125	13.4	10.2	15.4

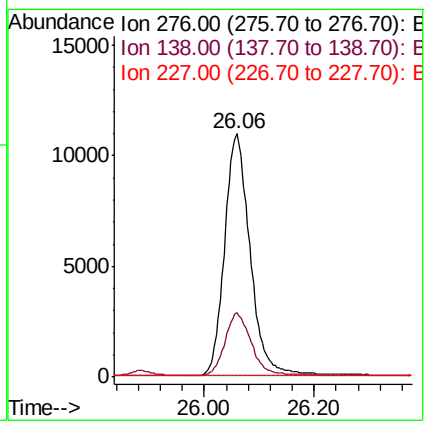


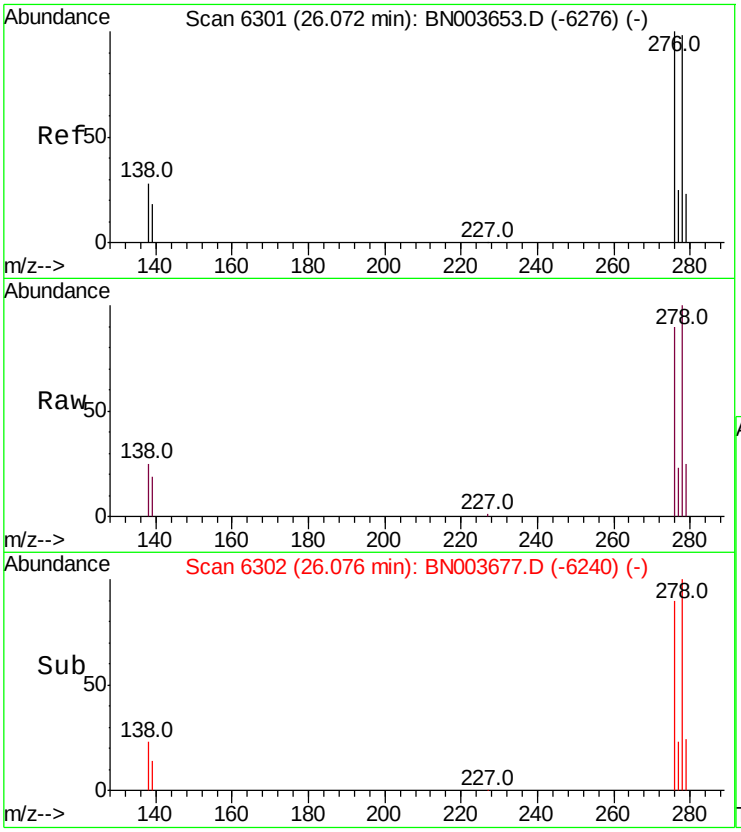


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 26.06 min Scan# 6297
Delta R.T. 0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:276 Resp: 35597

Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.3	30.5
227	0.2	0.2	0.2

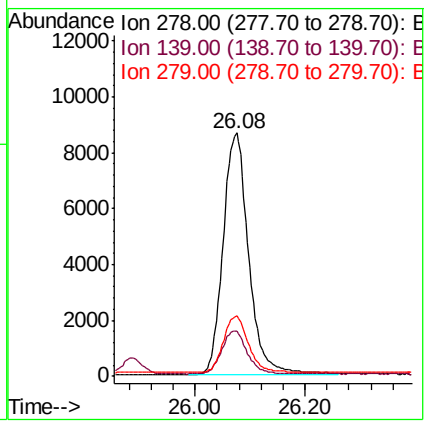


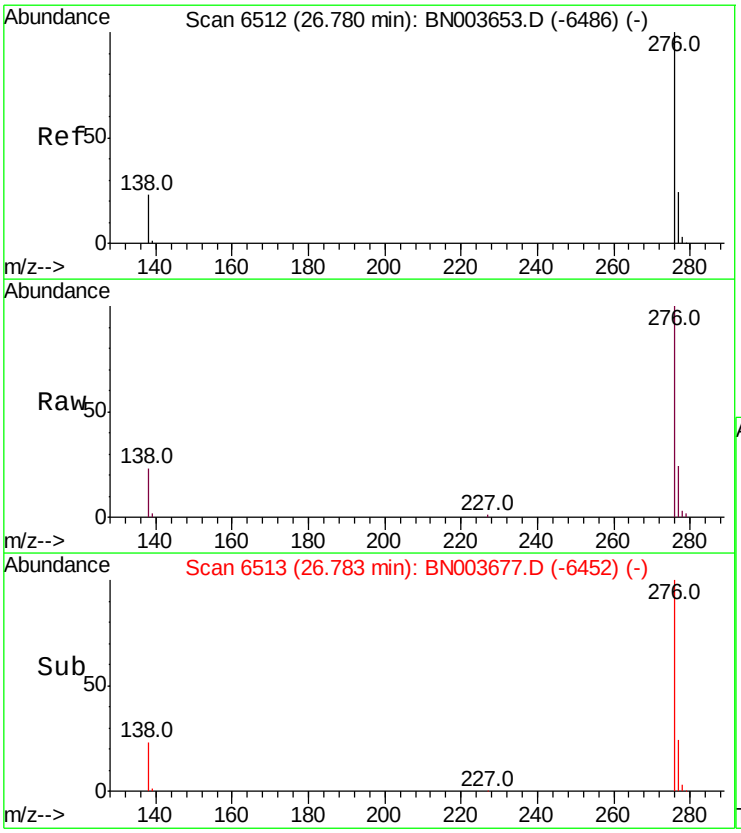


#25
Dibenzo(a,h)anthracene
Concen: 0.327 ng/ul
RT: 26.08 min Scan# 6302
Delta R.T. 0.01 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:278 Resp: 28098

Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.2	21.4
279	24.9	19.8	29.6





#26
Benzo(g,h,i)perylene
Concen: 0.326 ng/ul
RT: 26.78 min Scan# 6513
Delta R.T. 0.00 min
Lab File: BN003677.D
Acq: 03 Dec 2018 11:40

Tgt Ion:276 Resp: 30220

Ion	Ratio	Lower	Upper
276	100		
138	23.5	17.7	26.5
277	24.3	19.3	28.9