Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\
Data File : BN008205.D
Acq On : 16 Oct 2019 19:07
Operator : JU
Sample : K5124-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 17 12:12:09 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

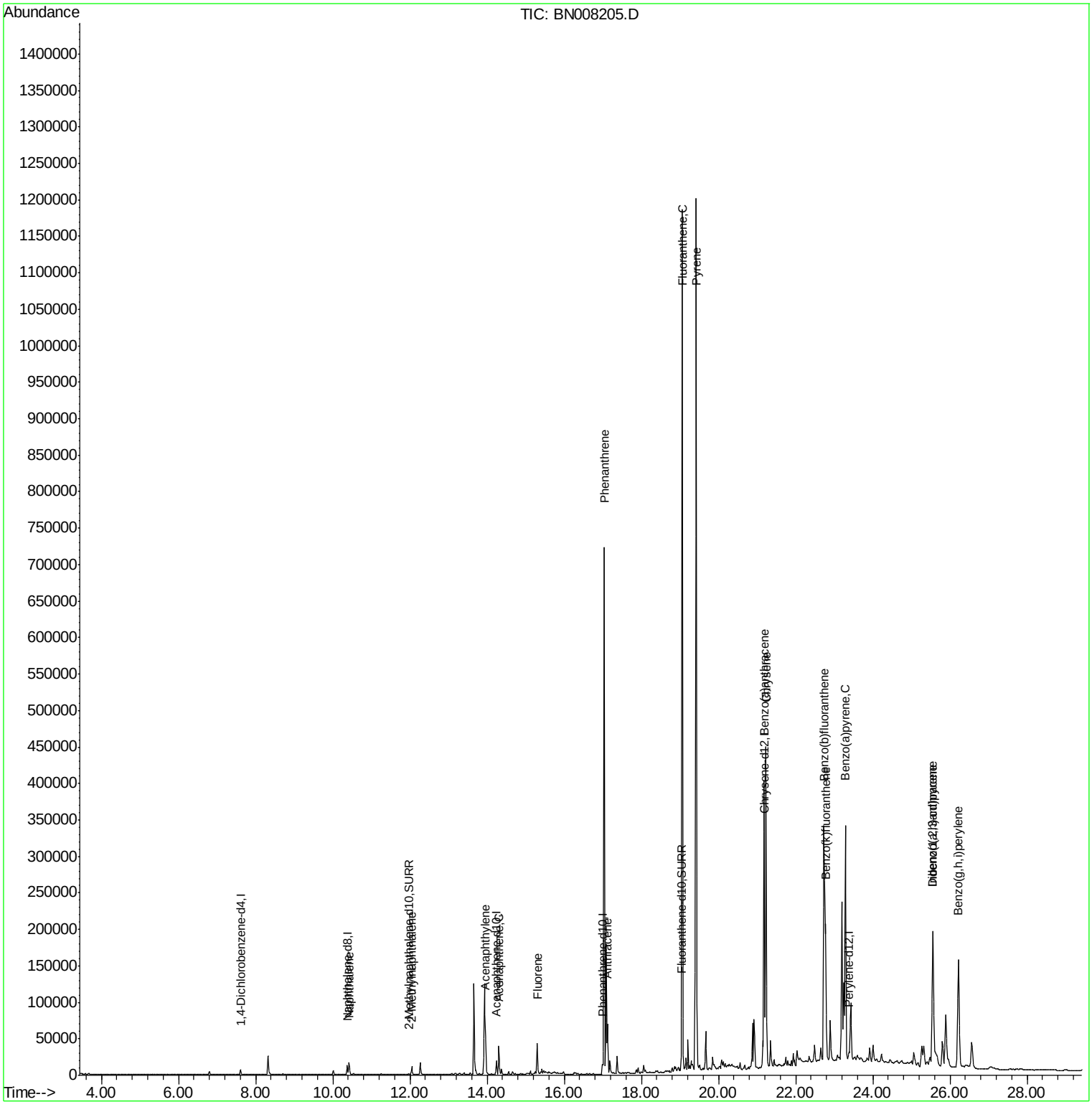
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3486	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	16490	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	10237	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	20786m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	13485	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	13880	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1044	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	1999	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	22950	0.489	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	8959	0.278	ng/ul	100
7) Acenaphthylene	13.96	152	61012	1.251	ng/ul	100
8) Acenaphthene	14.31	153	22075	0.582	ng/ul	100
9) Fluorene	15.30	166	26263	0.610	ng/ul	97
12) Phenanthrene	17.03	178	754436	12.397	ng/ul	99
13) Anthracene	17.12	178	71727	1.339	ng/ul	99
15) Fluoranthene	19.06	202	1025013	12.753	ng/ul	99
17) Pyrene	19.42	202	962005	17.917	ng/ul	99
18) Benzo(a)anthracene	21.18	228	324286	6.614	ng/ul	96
19) Chrysene	21.23	228	401001	6.665	ng/ul	97
21) Benzo(b)fluoranthene	22.73	252	549140m	12.153	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	162788m	3.180	ng/ul	
23) Benzo(a)pyrene	23.29	252	409751	8.618	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.55	276	287926	5.141	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.56	278	60930	1.376	ng/ul#	92
26) Benzo(g,h,i)perylene	26.22	276	293133	5.708	ng/ul	99

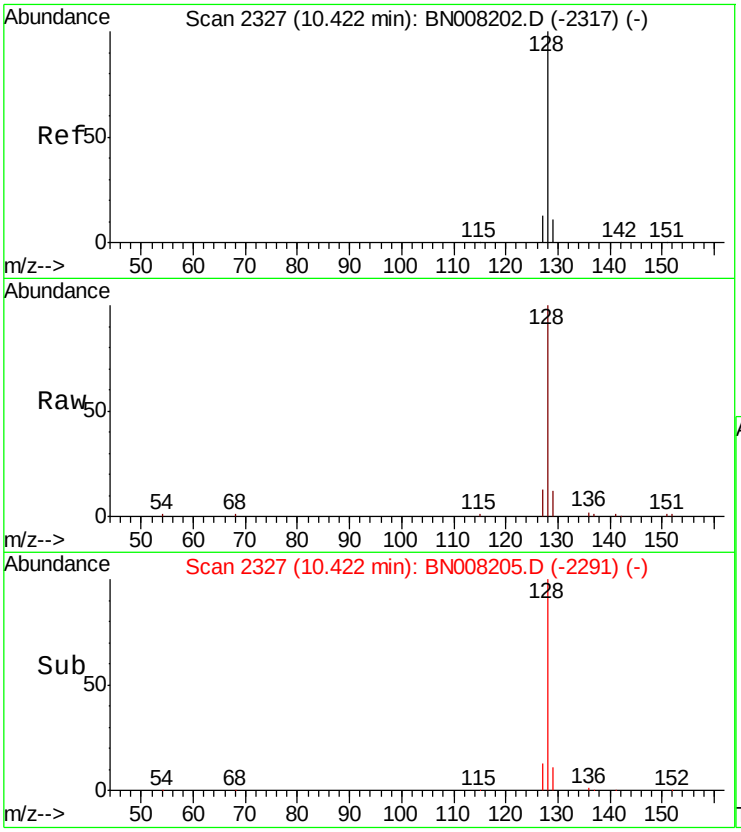
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\
Data File : BN008205.D
Acq On : 16 Oct 2019 19:07
Operator : JU
Sample : K5124-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 17 12:12:09 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

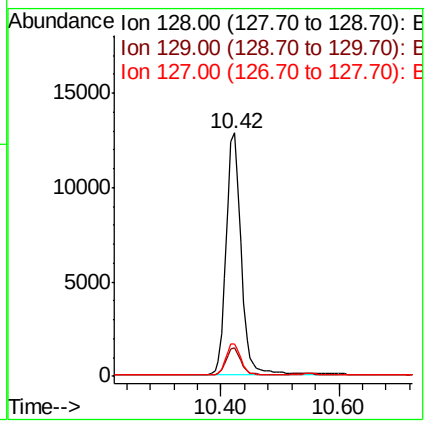


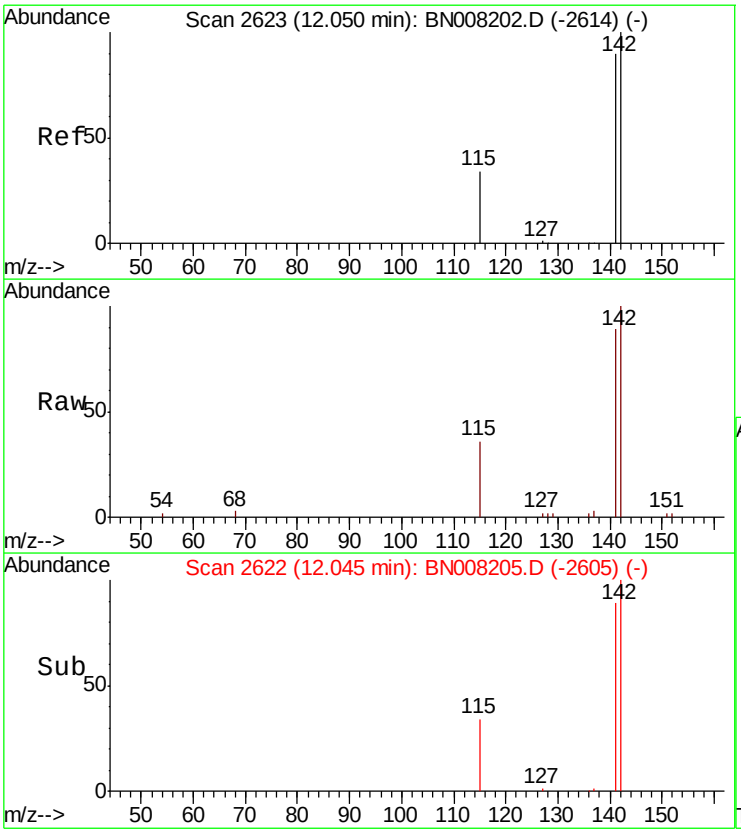


#3
Naphthalene
Concen: 0.489 ng/ul
RT: 10.42 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:128 Resp: 22950

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.8
127	13.3	11.1	16.7

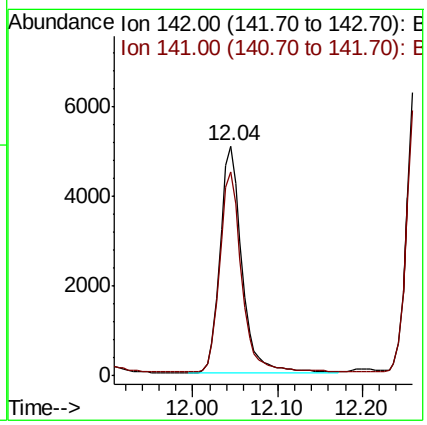


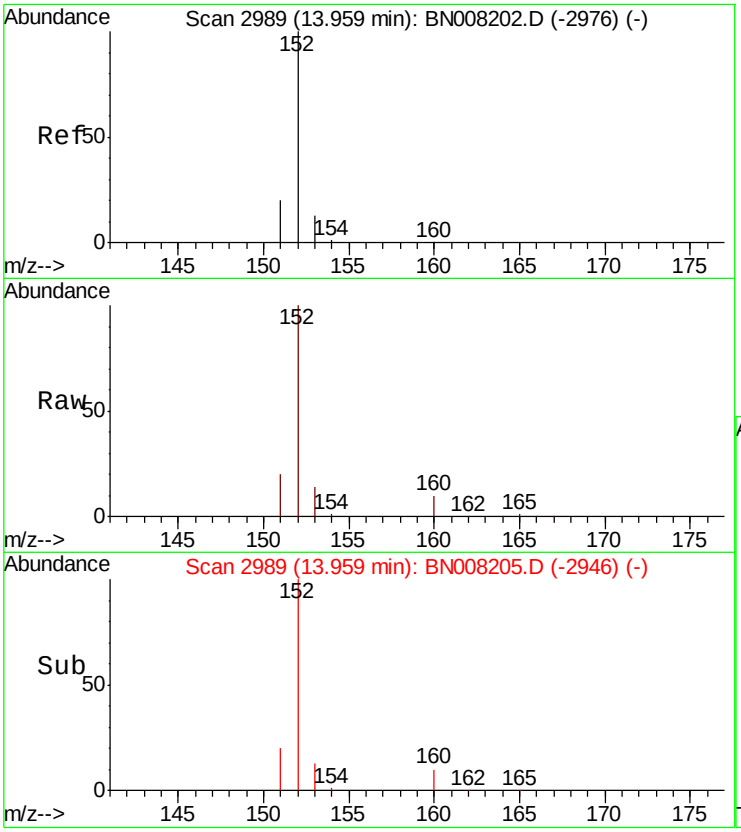


#5
2-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.04 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:142 Resp: 8959

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2

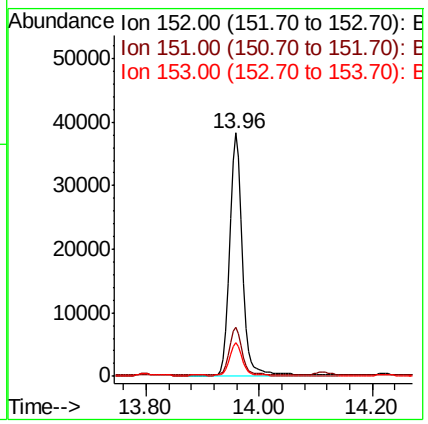


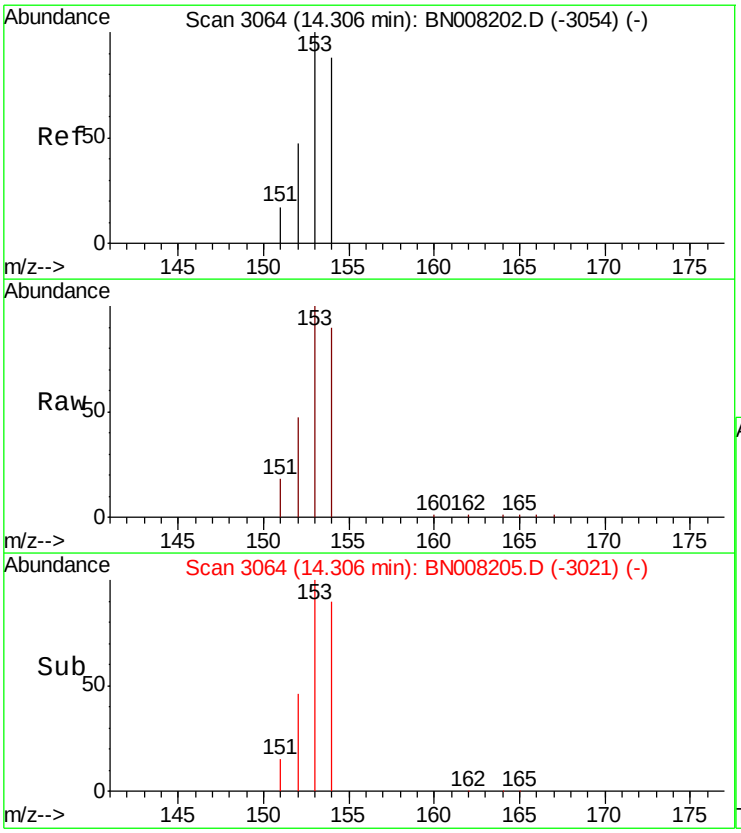


#7
Acenaphthylene
Concen: 1.251 ng/ul
RT: 13.96 min Scan# 2989
Delta R.T. 0.00 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:152 Resp: 61012

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.6	11.0	16.4

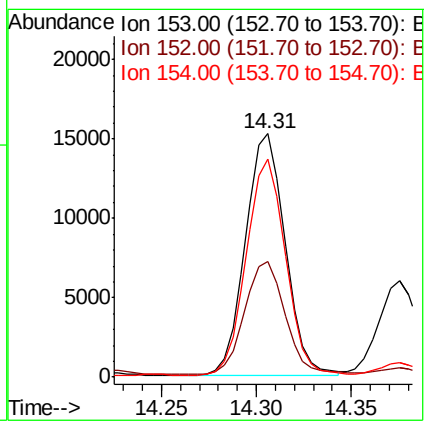


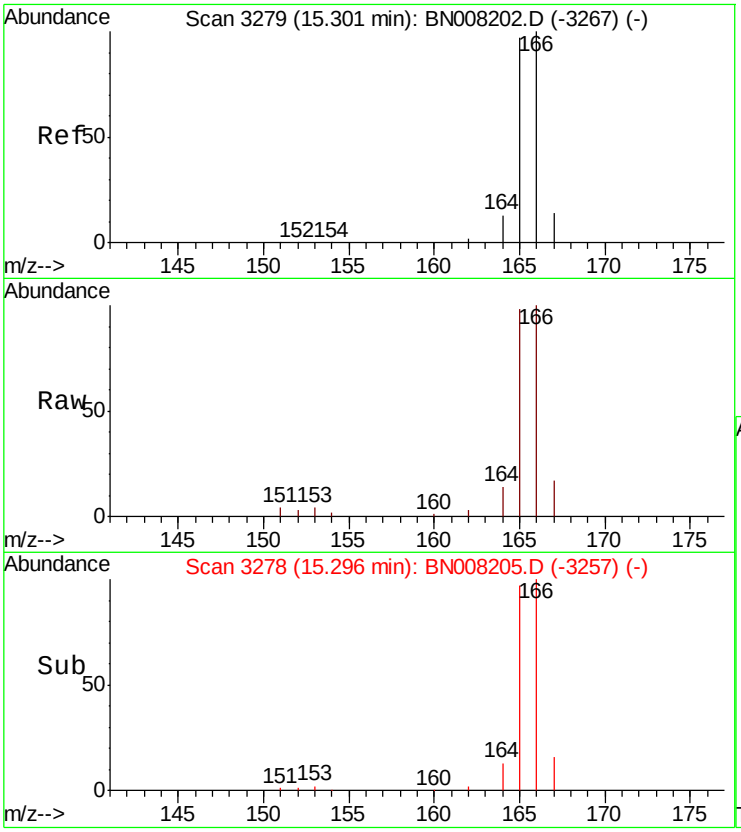


#8
Acenaphthene
Concen: 0.582 ng/ul
RT: 14.31 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:153 Resp: 22075

Ion	Ratio	Lower	Upper
153	100		
152	47.3	38.2	57.2
154	89.6	71.8	107.8

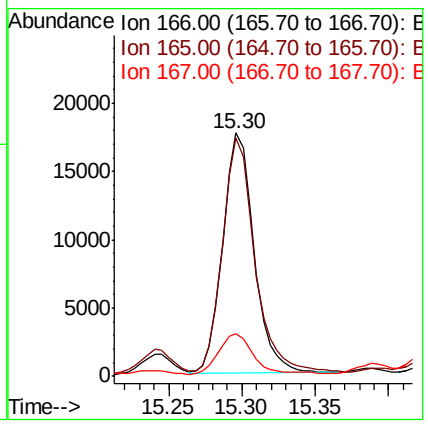


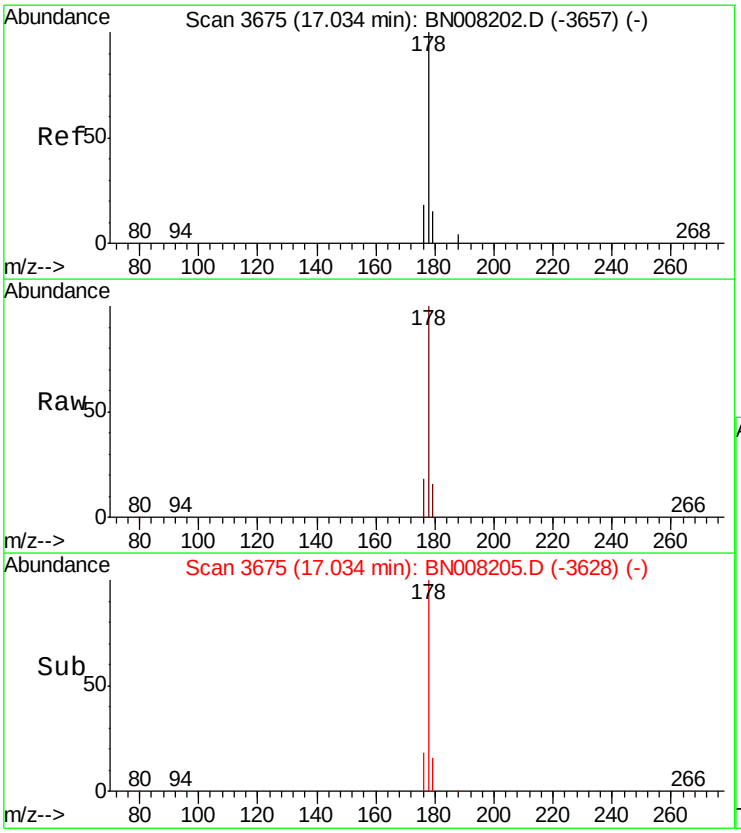


#9
Fluorene
Concen: 0.610 ng/ul
RT: 15.30 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:166 Resp: 26263

Ion	Ratio	Lower	Upper
166	100		
165	98.1	76.6	115.0
167	17.5	11.7	17.5

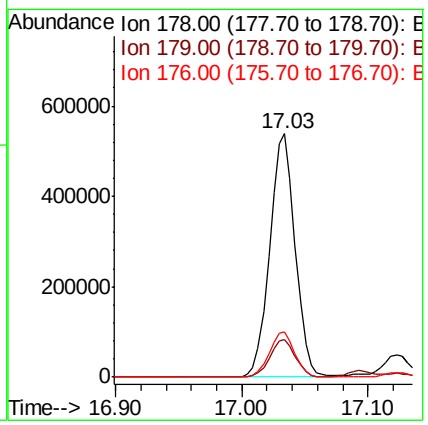


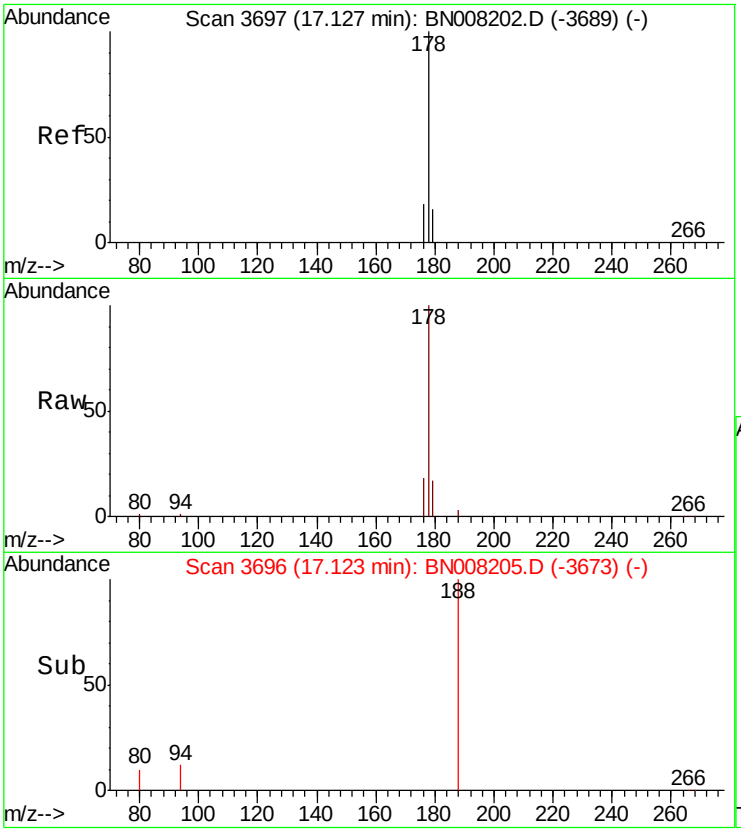


#12
Phenanthrene
Concen: 12.397 ng/ul
RT: 17.03 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:178 Resp: 754436

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	18.5	15.4	23.2

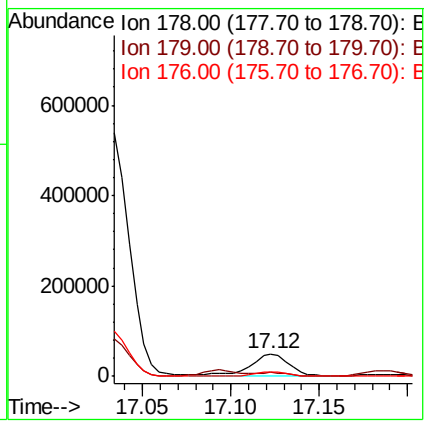


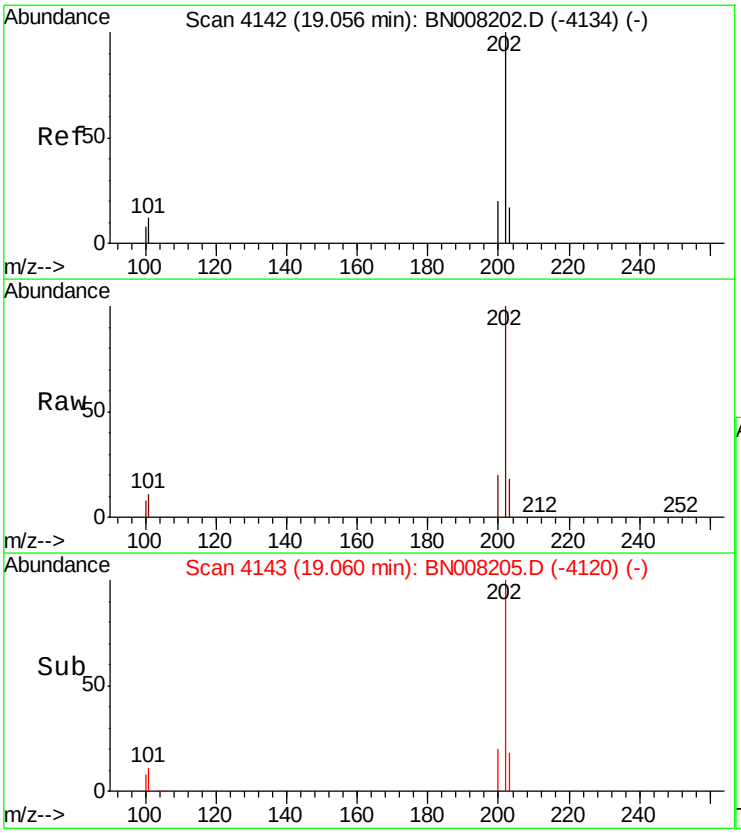


#13
Anthracene
Concen: 1.339 ng/ul
RT: 17.12 min Scan# 3696
Delta R.T. -0.00 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:178 Resp: 71727

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.6
176	18.4	15.0	22.6

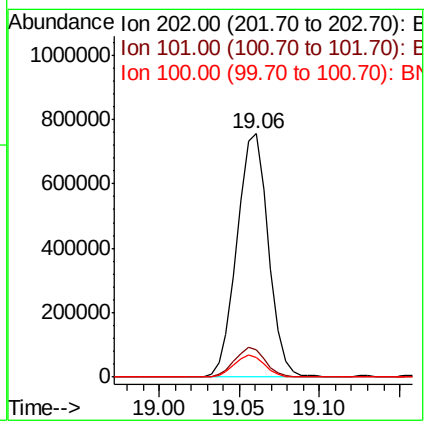


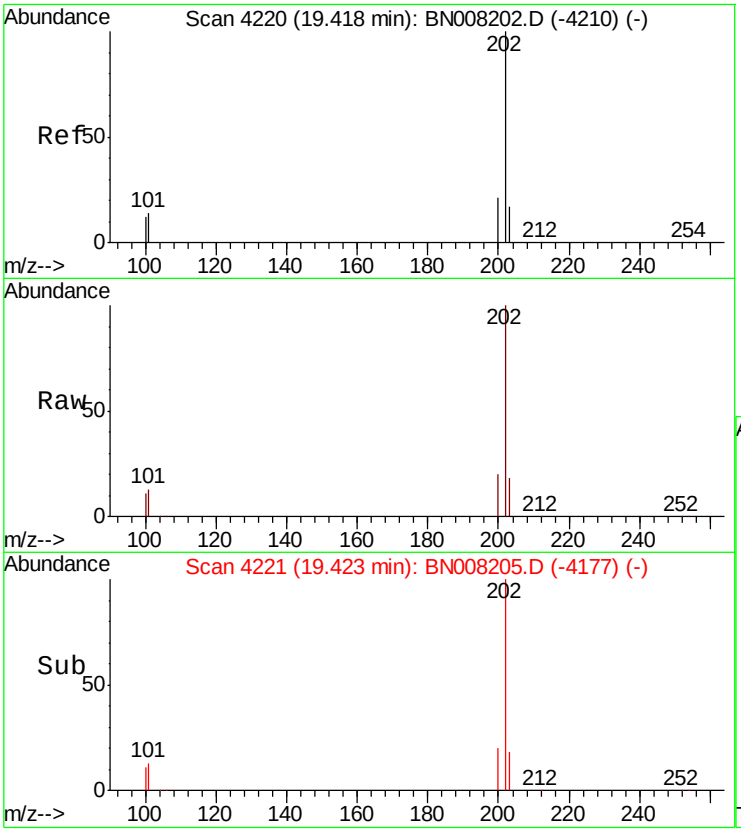


#15
Fluoranthene
Concen: 12.753 ng/ul
RT: 19.06 min Scan# 4143
Delta R.T. 0.00 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:202 Resp: 1025013

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.2
100	8.2	0.0	28.5

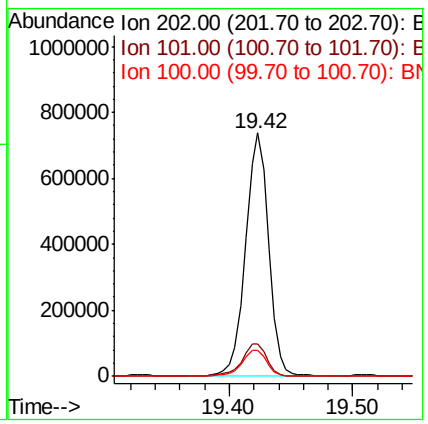


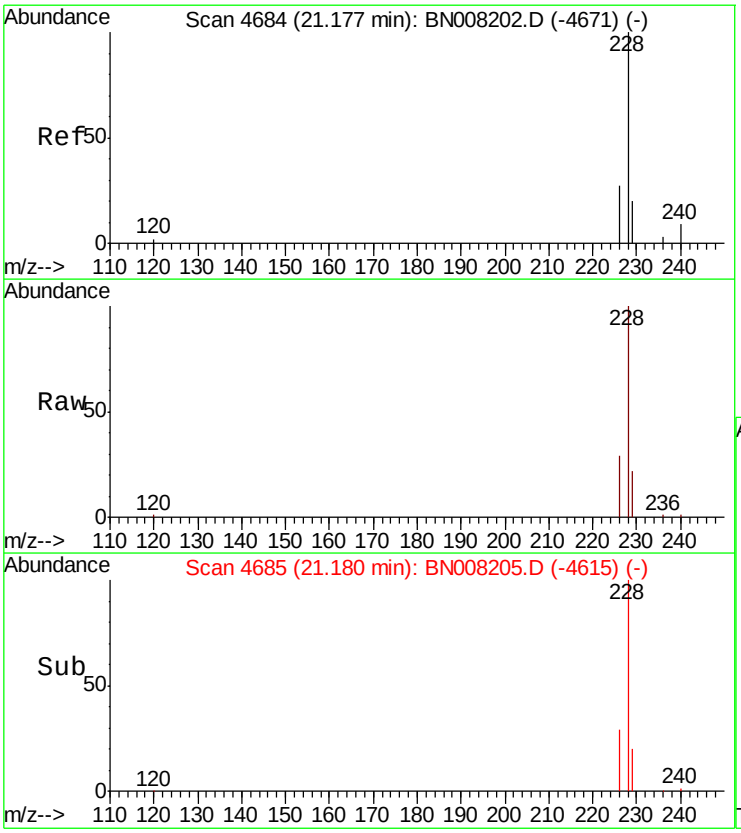


#17
Pyrene
Concen: 17.917 ng/ul
RT: 19.42 min Scan# 4221
Delta R.T. 0.00 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:202 Resp: 962005

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.9	16.3
100	10.8	8.7	13.1

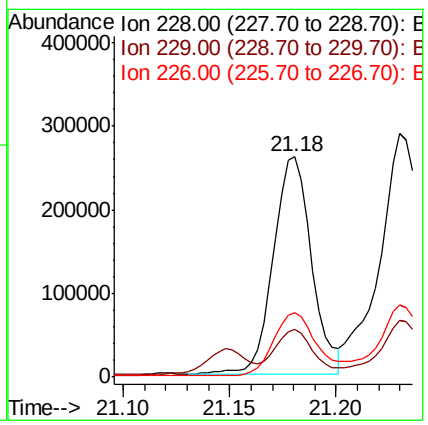


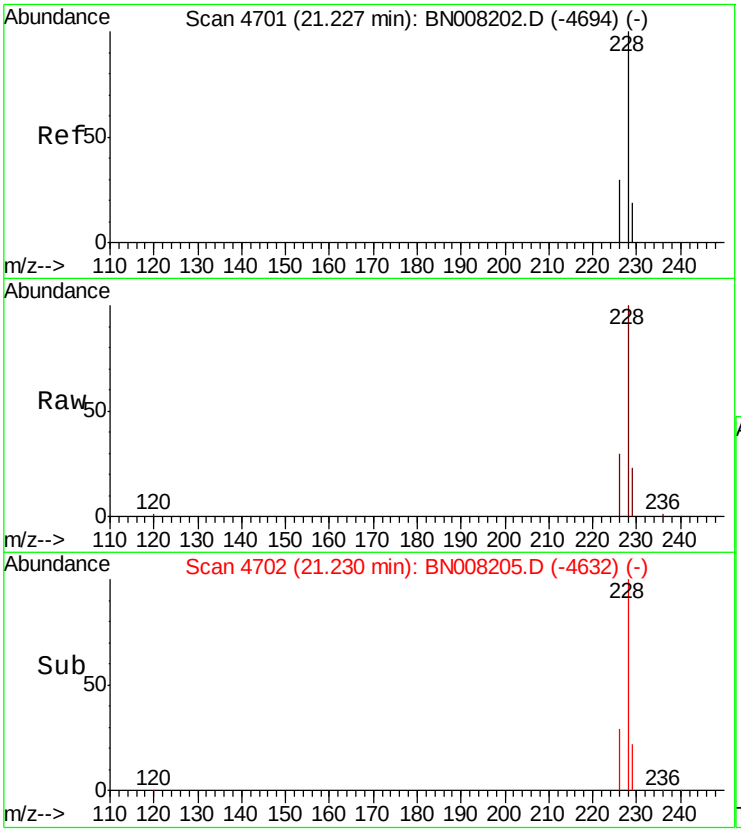


#18
Benzo(a)anthracene
Concen: 6.614 ng/ul
RT: 21.18 min Scan# 4685
Delta R.T. 0.00 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:228 Resp: 324286

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.2	24.2
226	29.3	21.4	32.0

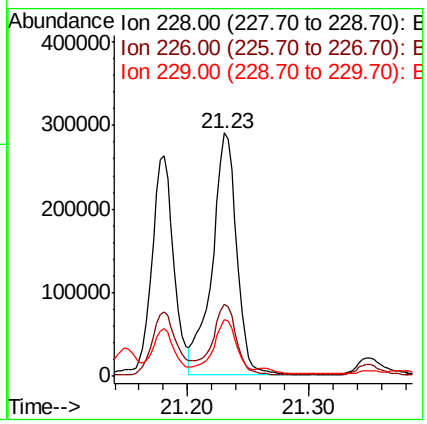


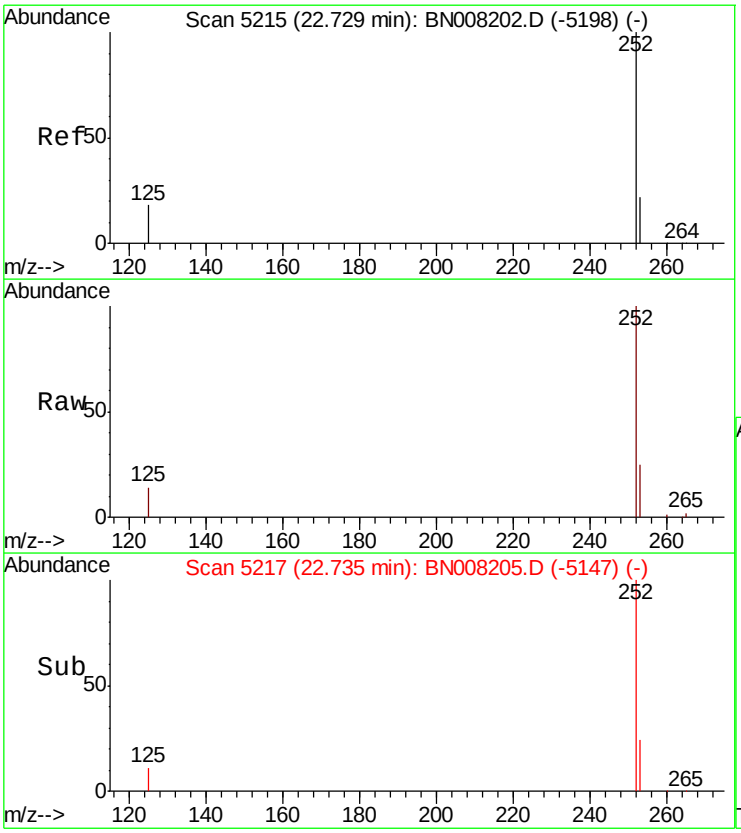


#19
Chrysene
Concen: 6.665 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. 0.00 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:228 Resp: 401001

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	23.0	16.2	24.2

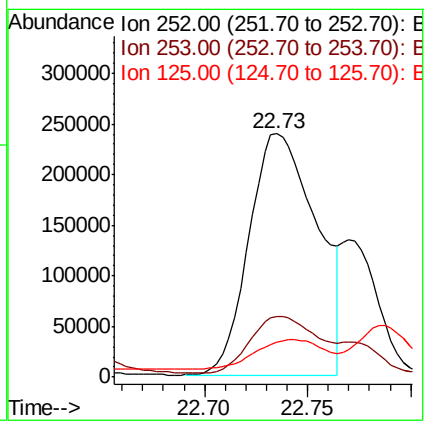


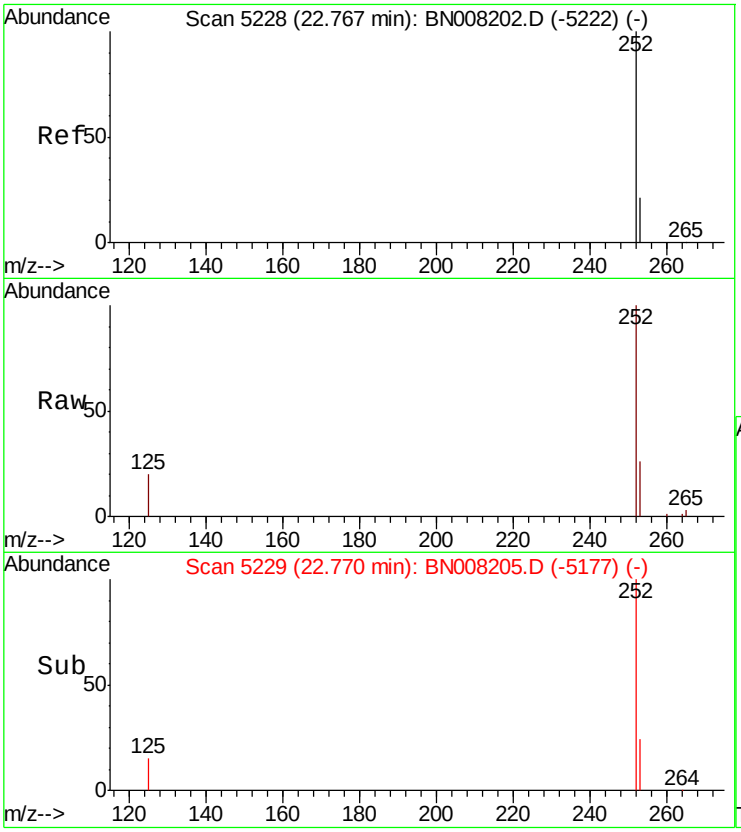


#21
Benzo(b)fluoranthene
Concen: 12.153 ng/ul m
RT: 22.73 min Scan# 5217
Delta R.T. 0.01 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:252 Resp: 549140

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	53.4
125	14.3	0.0	32.4

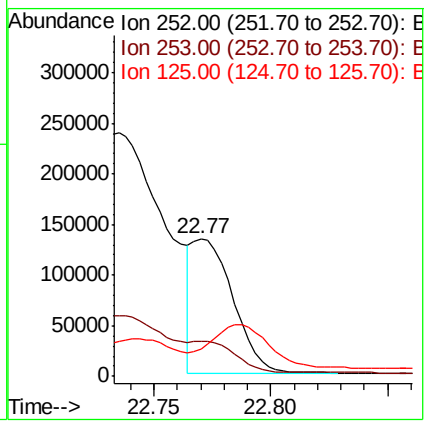


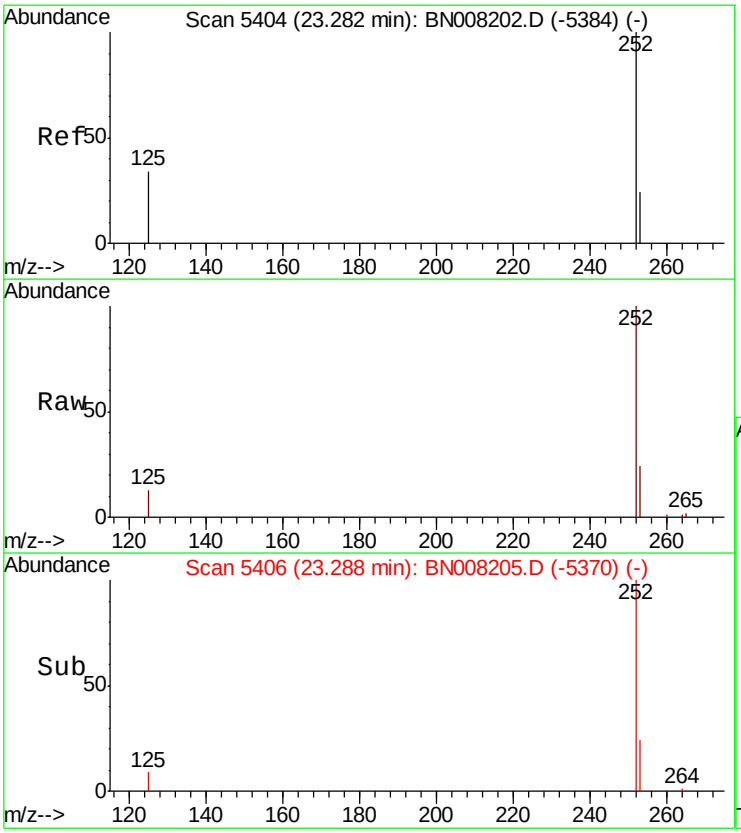


#22
Benzo(k)fluoranthene
Concen: 3.180 ng/ul m
RT: 22.77 min Scan# 5229
Delta R.T. 0.00 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:252 Resp: 162788

Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.3	31.9
125	20.1	12.3	18.5#

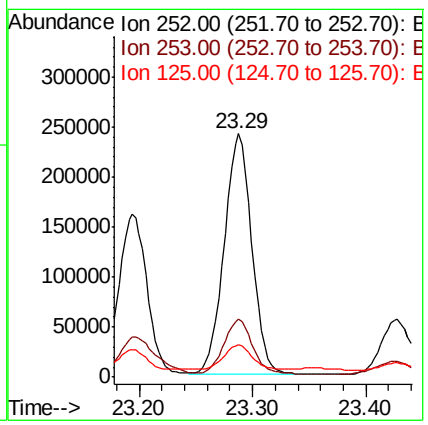


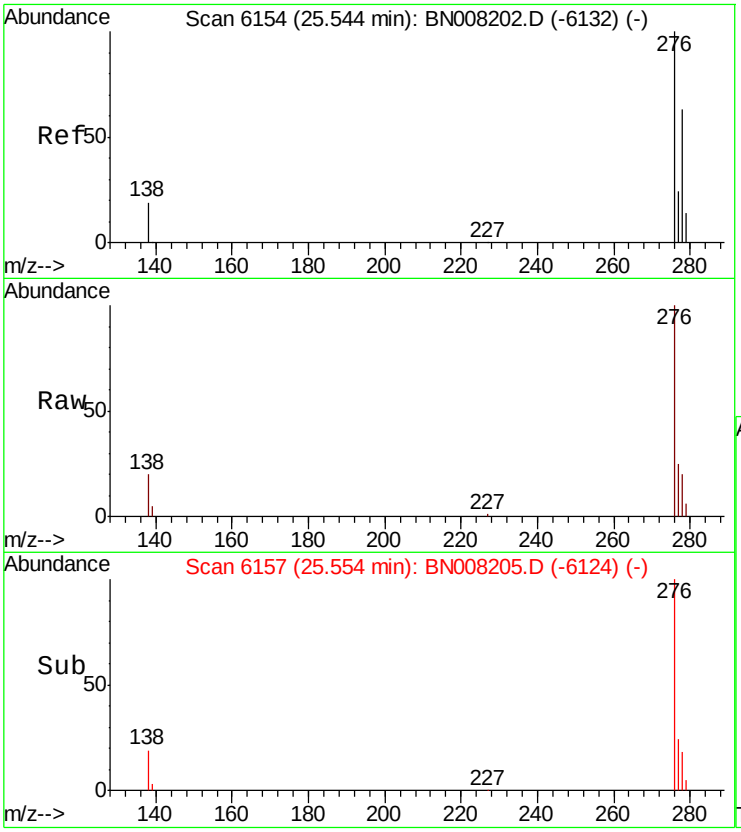


#23
Benzo(a)pyrene
Concen: 8.618 ng/ul
RT: 23.29 min Scan# 5406
Delta R.T. 0.01 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:252 Resp: 409751

Ion	Ratio	Lower	Upper
252	100		
253	23.8	22.8	34.2
125	13.3	18.4	27.6#

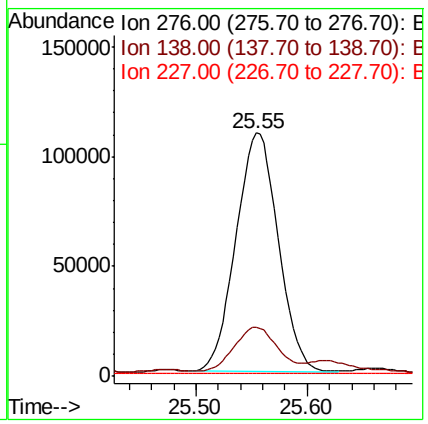


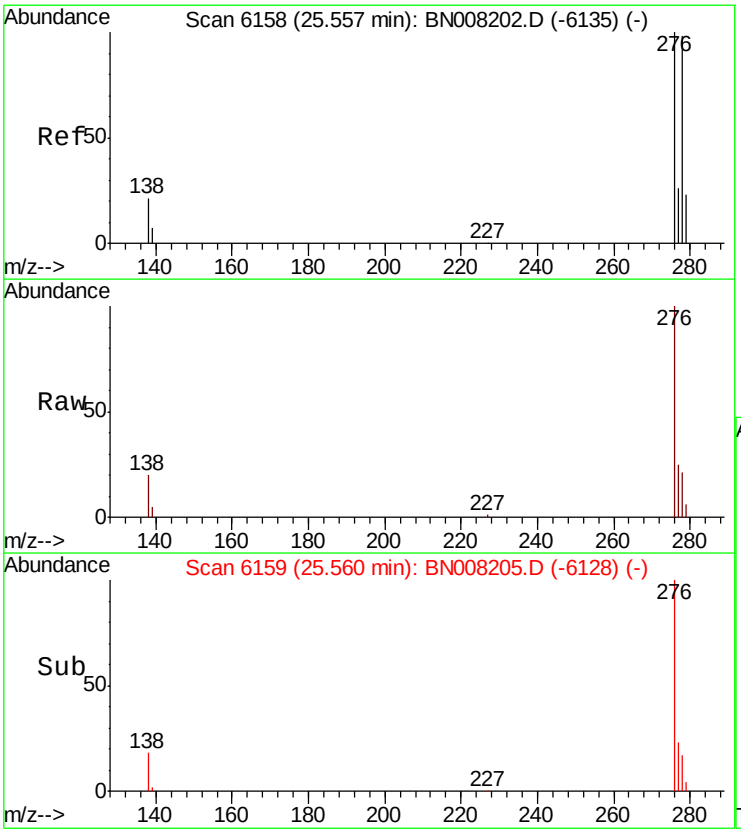


#24
Indeno(1,2,3-cd)pyrene
Concen: 5.141 ng/ul
RT: 25.55 min Scan# 6157
Delta R.T. 0.01 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:276 Resp: 287926

Ion	Ratio	Lower	Upper
276	100		
138	24.5	16.1	24.1#
227	0.0	0.2	0.2#

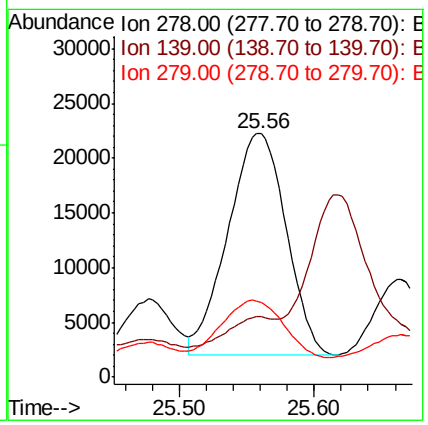


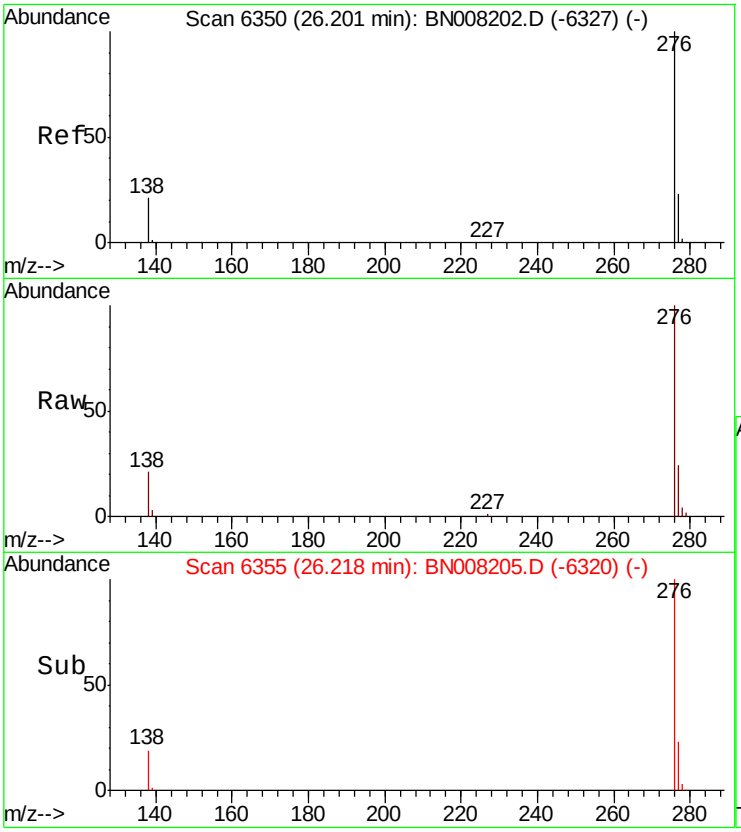


#25
Dibenzo(a,h)anthracene
Concen: 1.376 ng/ul
RT: 25.56 min Scan# 6159
Delta R.T. 0.00 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:278 Resp: 60930

Ion	Ratio	Lower	Upper
278	100		
139	25.0	15.0	22.6#
279	30.6	22.4	33.6





#26
Benzo(g,h,i)perylene
Concen: 5.708 ng/ul
RT: 26.22 min Scan# 6355
Delta R.T. 0.02 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion:276 Resp: 293133

Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.0	25.4
277	24.5	20.4	30.6