Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
Data File : BE096123.D
Acq On : 24 Apr 2018 17:19
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 25 05:24:31 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 17:40:03 2018
Response via : Initial Calibration

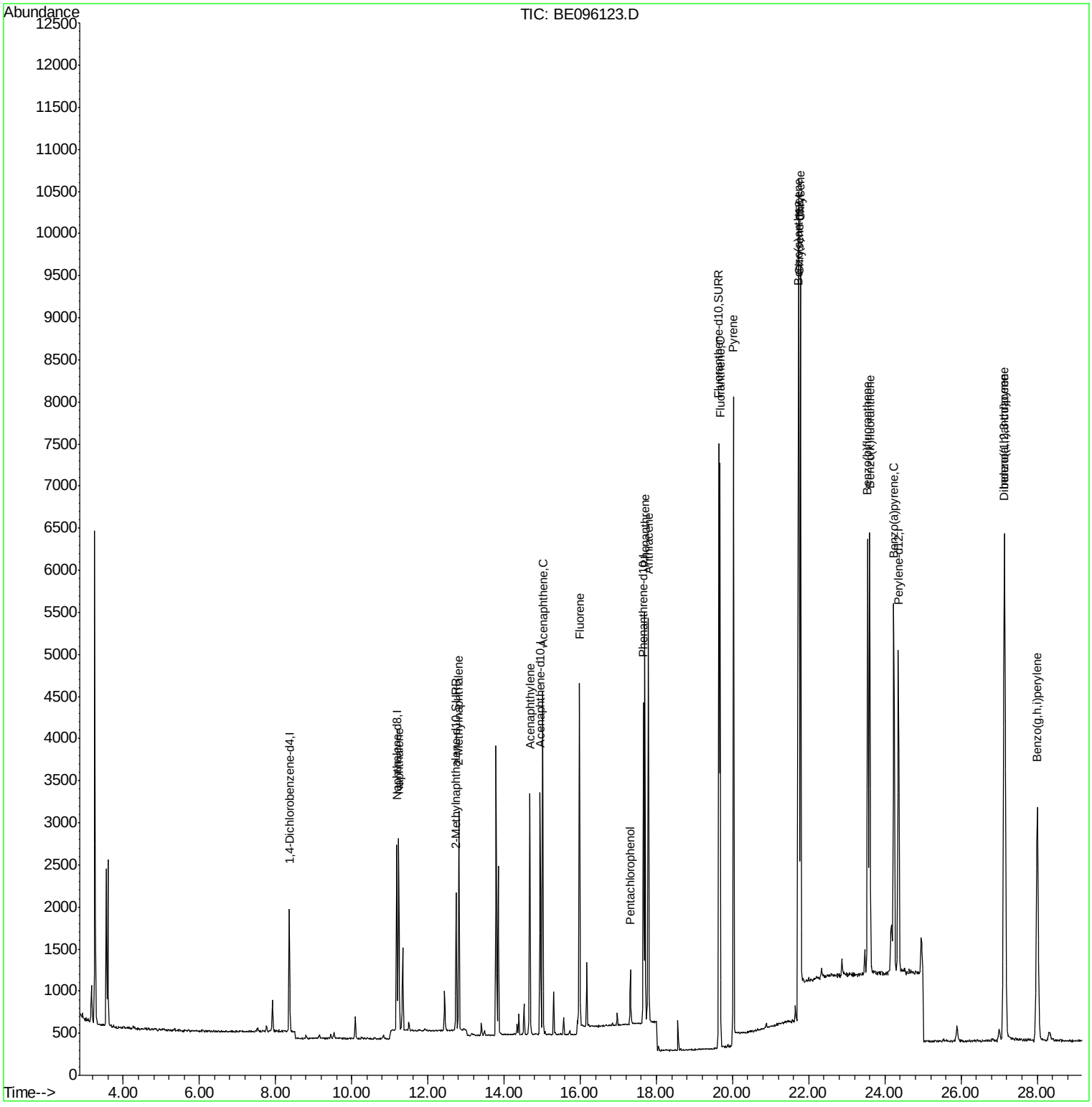
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	783	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2840	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1592	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4383	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	7229	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5583	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	2041	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	7814	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.23	128	3116	0.394	ng/ul#	91
5) 2-Methylnaphthalene	12.81	142	2124	0.401	ng/ul	100
7) Acenaphthylene	14.68	152	3252	0.396	ng/ul	98
8) Acenaphthene	15.01	153	2382	0.403	ng/ul	97
9) Fluorene	15.98	166	3250	0.415	ng/ul	93
11) Pentachlorophenol	17.32	266	343	0.325	ng/ul	94
12) Phenanthrene	17.70	178	5041	0.391	ng/ul#	89
13) Anthracene	17.79	178	4974	0.384	ng/ul#	92
15) Fluoranthene	19.67	202	7726	0.392	ng/ul	85
17) Pyrene	20.02	202	5436	0.375	ng/ul#	80
18) Benzo(a)anthracene	21.73	228	8402	0.384	ng/ul#	85
19) Chrysene	21.79	228	7539	0.375	ng/ul	96
21) Benzo(b)fluoranthene	23.55	252	7579	0.359	ng/ul	86
22) Benzo(k)fluoranthene	23.60	252	7293	0.361	ng/ul#	90
23) Benzo(a)pyrene	24.23	252	6879	0.375	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	27.13	276	8358	0.338	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.15	278	6877	0.332	ng/ul	91
26) Benzo(g,h,i)perylene	28.00	276	7006	0.325	ng/ul	97

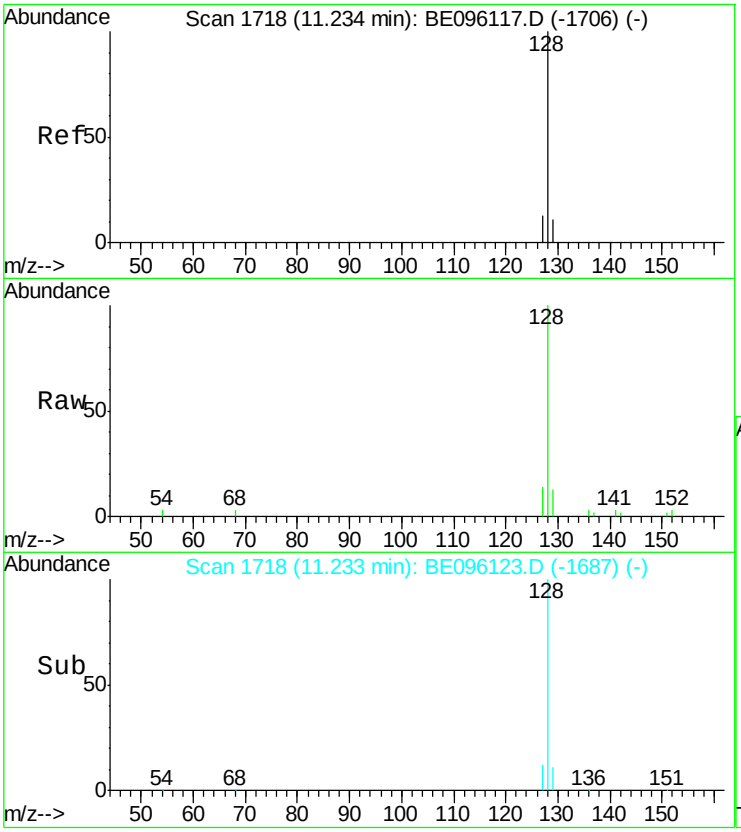
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
Data File : BE096123.D
Acq On : 24 Apr 2018 17:19
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 25 05:24:31 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 17:40:03 2018
Response via : Initial Calibration

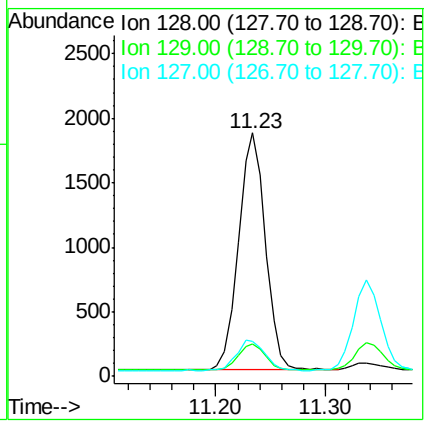


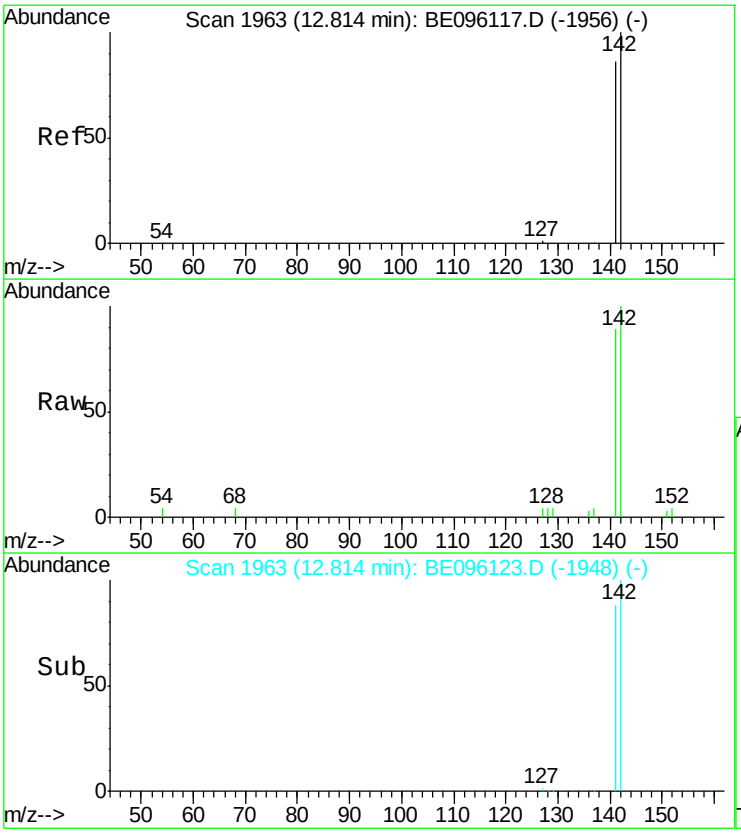


#3
Naphthalene
Concen: 0.394 ng/ul
RT: 11.23 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:128 Resp: 3116

Ion	Ratio	Lower	Upper
128	100		
129	13.4	11.3	16.9
127	14.5	4.0	6.0#

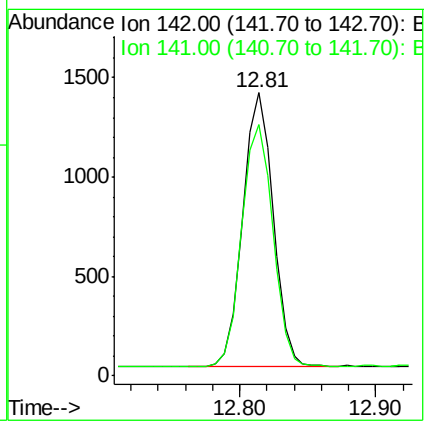


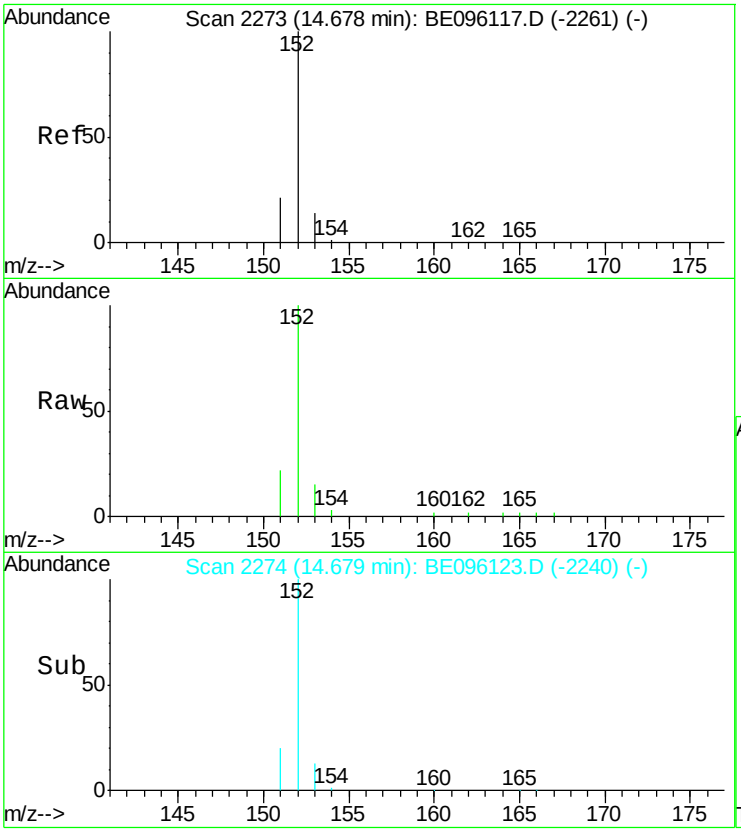


#5
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.81 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:142 Resp: 2124

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.6	108.8

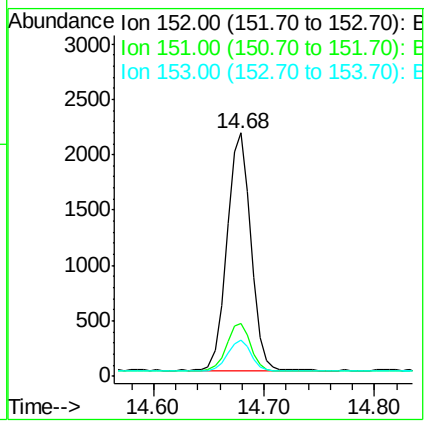


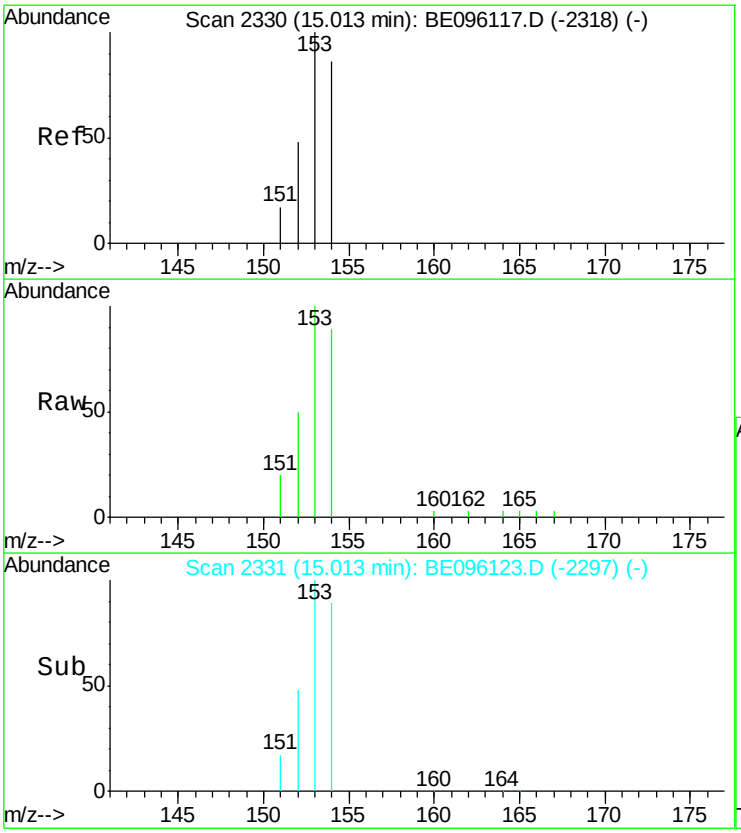


#7
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.68 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:152 Resp: 3252

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.1	25.7
153	14.7	12.8	19.2

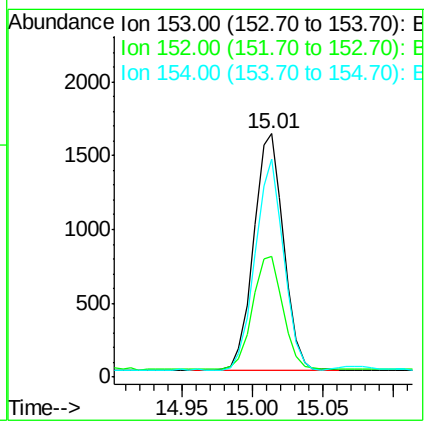


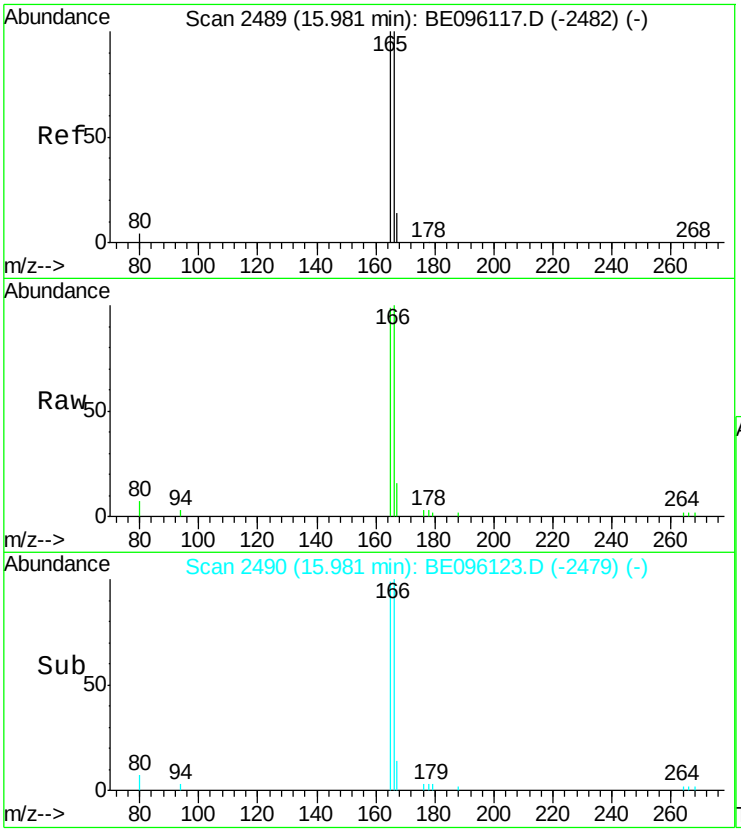


#8
Acenaphthene
Concen: 0.403 ng/ul
RT: 15.01 min Scan# 2331
Delta R.T. 0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:153 Resp: 2382

Ion	Ratio	Lower	Upper
153	100		
152	49.6	36.0	54.0
154	89.4	72.0	108.0

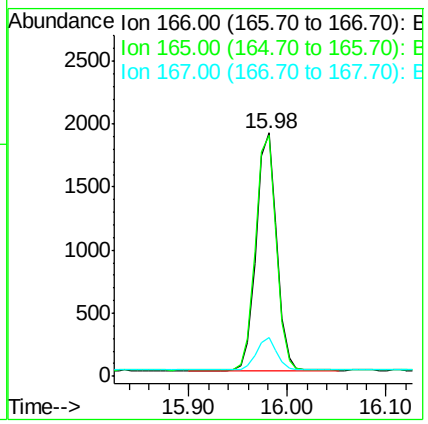


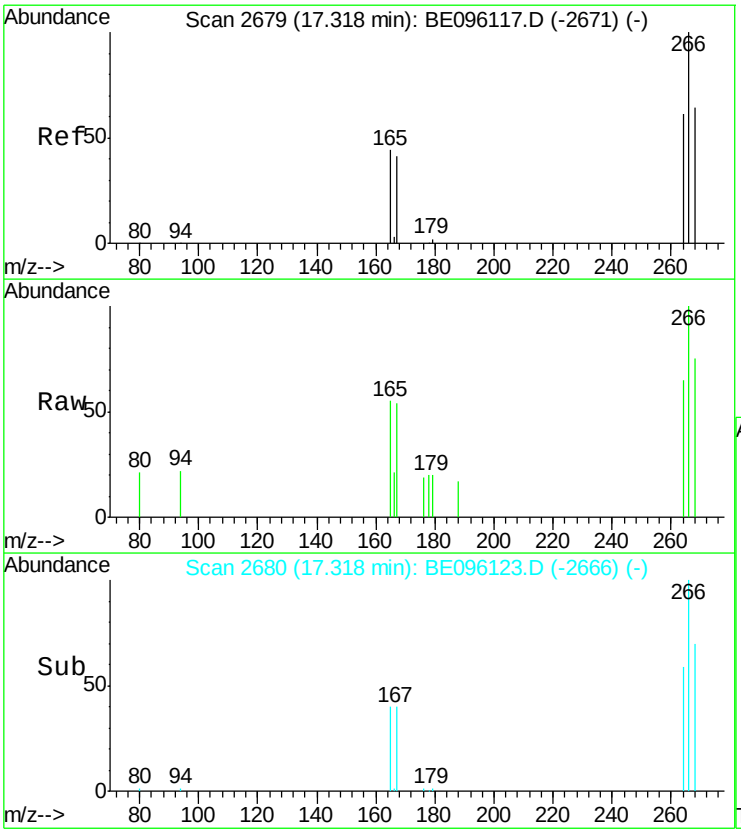


#9
Fluorene
Concen: 0.415 ng/ul
RT: 15.98 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:166 Resp: 3250

Ion	Ratio	Lower	Upper
166	100		
165	99.0	73.4	110.2
167	16.1	14.6	22.0

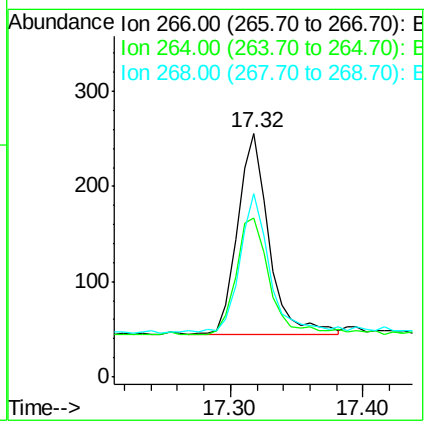


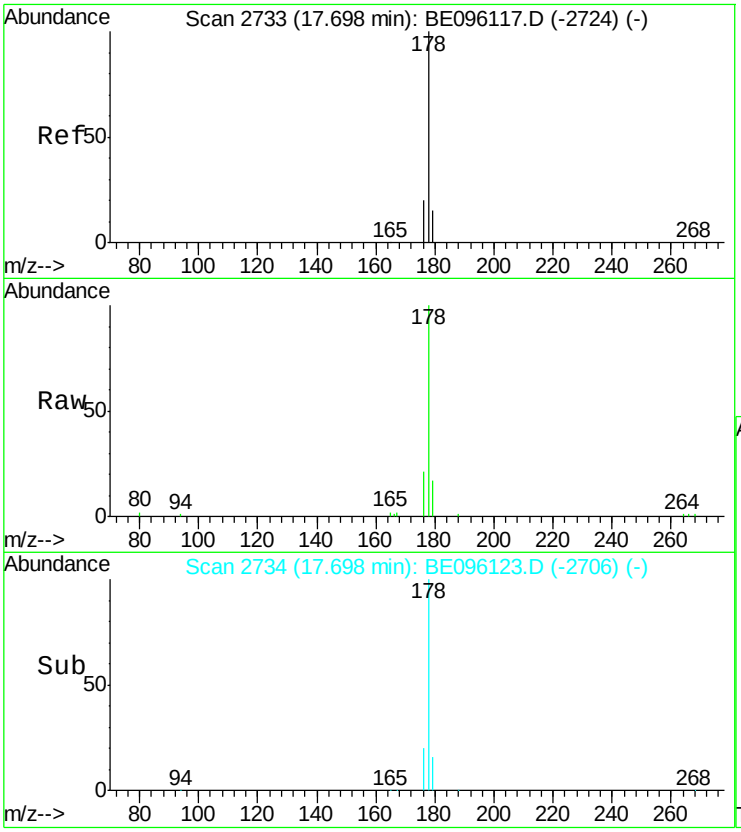


#11
Pentachlorophenol
Concen: 0.325 ng/ul
RT: 17.32 min Scan# 2680
Delta R.T. 0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:266 Resp: 343

Ion	Ratio	Lower	Upper
266	100		
264	65.0	47.9	71.9
268	66.5	49.8	74.8

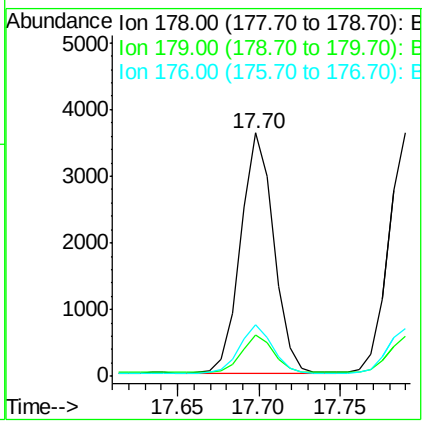


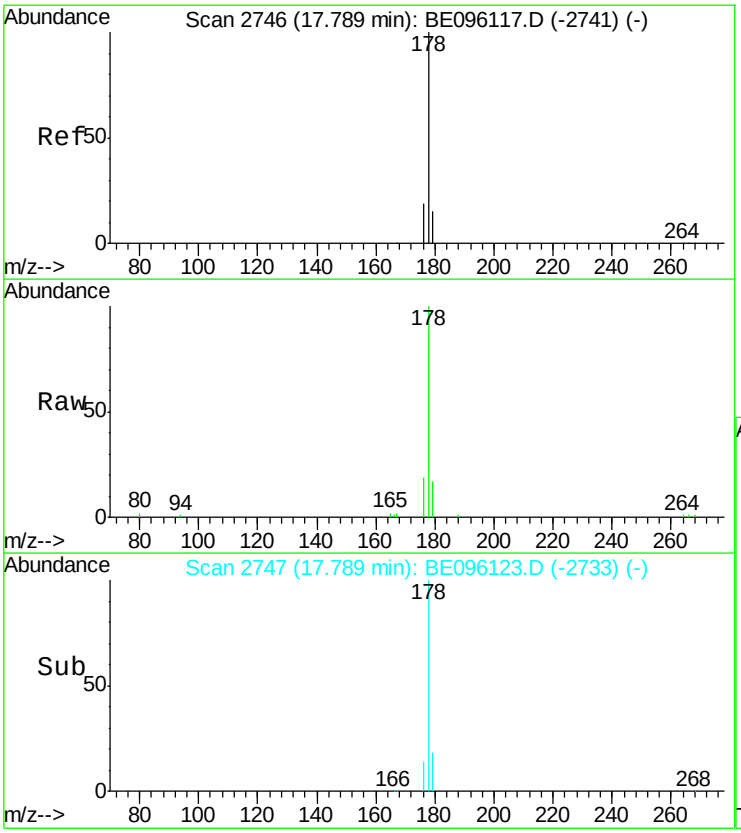


#12
Phenanthrene
Concen: 0.391 ng/ul
RT: 17.70 min Scan# 2734
Delta R.T. 0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:178 Resp: 5041

Ion	Ratio	Lower	Upper
178	100		
179	16.9	18.4	27.6#
176	21.1	13.6	20.4#

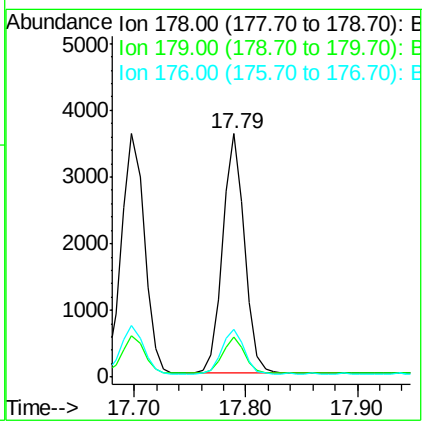


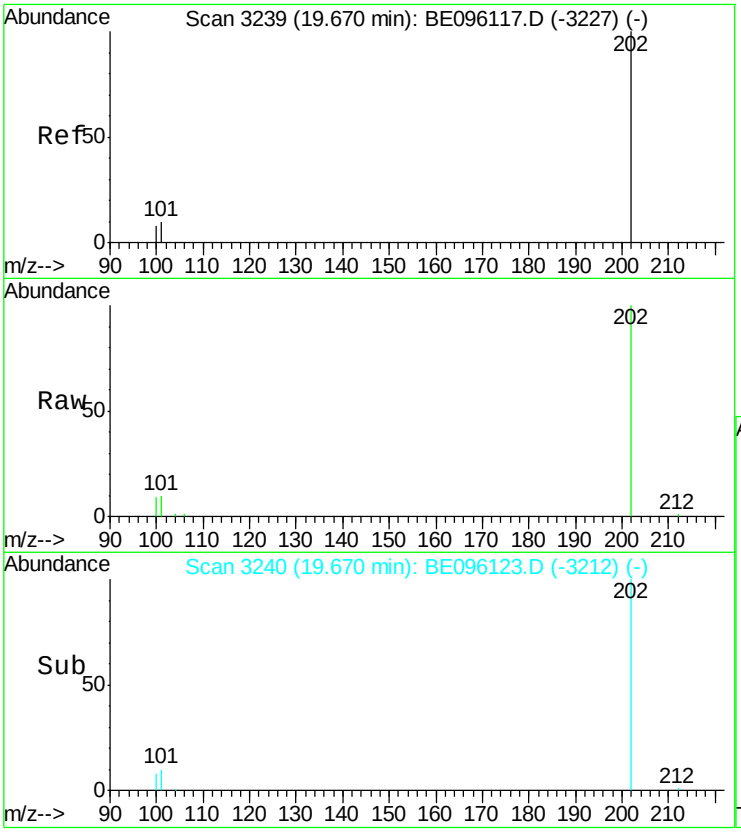


#13
Anthracene
Concen: 0.384 ng/ul
RT: 17.79 min Scan# 2747
Delta R.T. 0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:178 Resp: 4974

Ion	Ratio	Lower	Upper
178	100		
179	16.5	18.1	27.1#
176	19.4	14.7	22.1

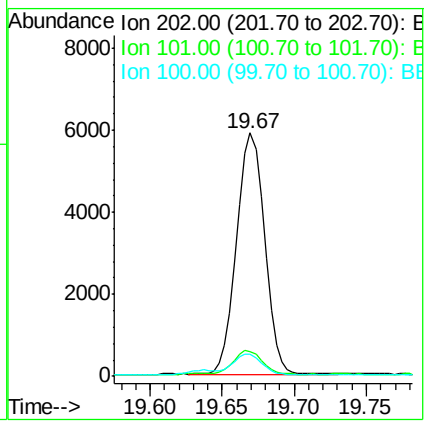


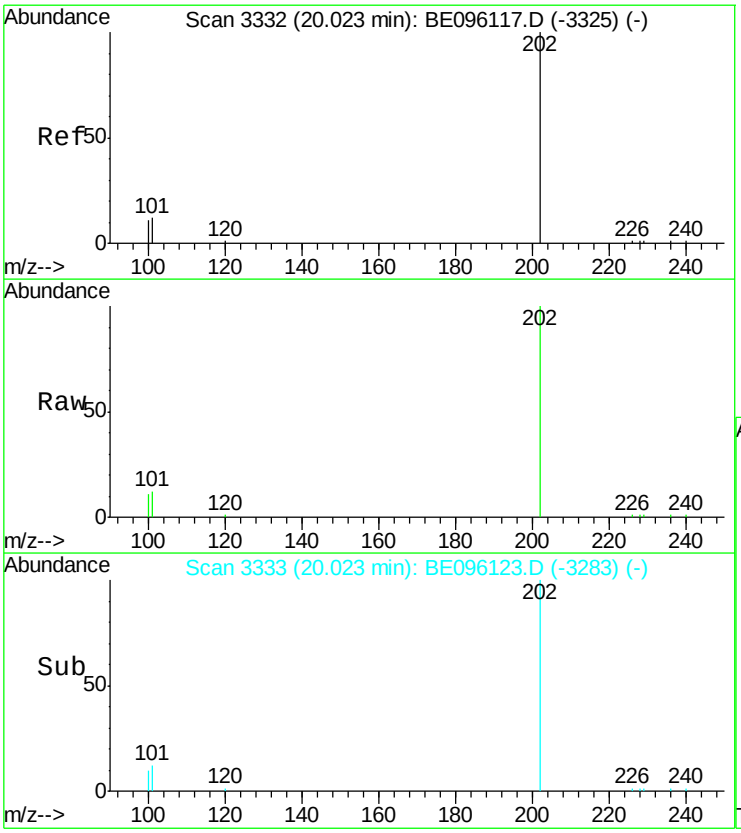


#15
Fluoranthene
Concen: 0.392 ng/ul
RT: 19.67 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:202 Resp: 7726

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.3
100	8.9	0.0	39.5

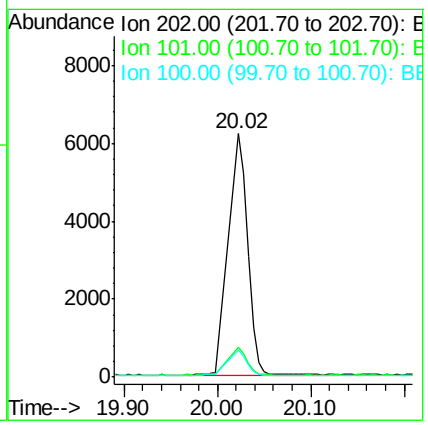


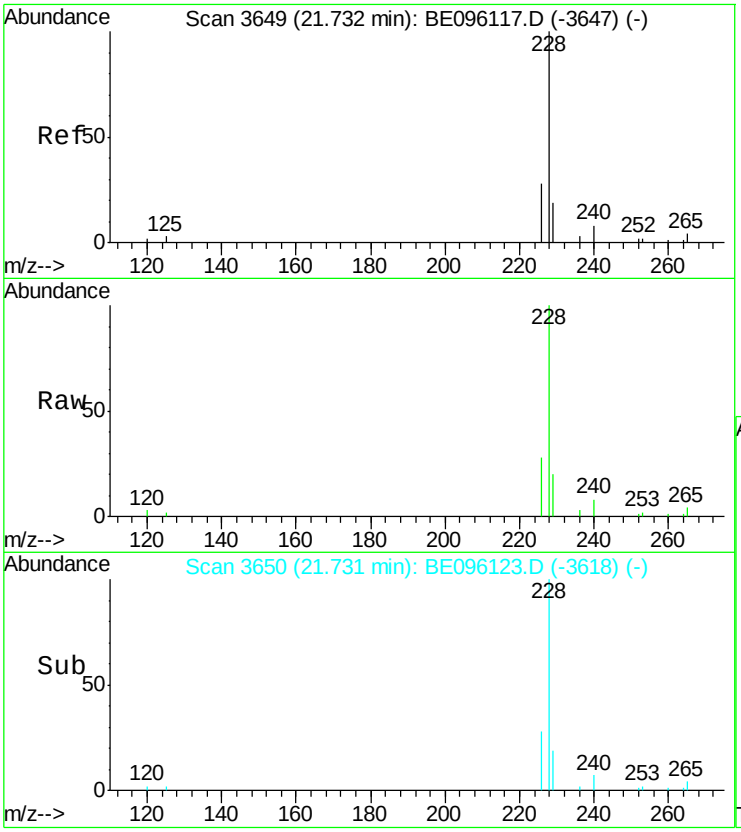


#17
Pyrene
Concen: 0.375 ng/ul
RT: 20.02 min Scan# 3333
Delta R.T. -0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:202 Resp: 5436

Ion	Ratio	Lower	Upper
202	100		
101	12.3	18.2	27.4#
100	11.0	15.6	23.4#

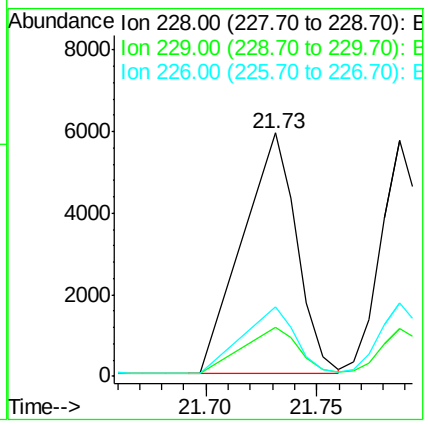


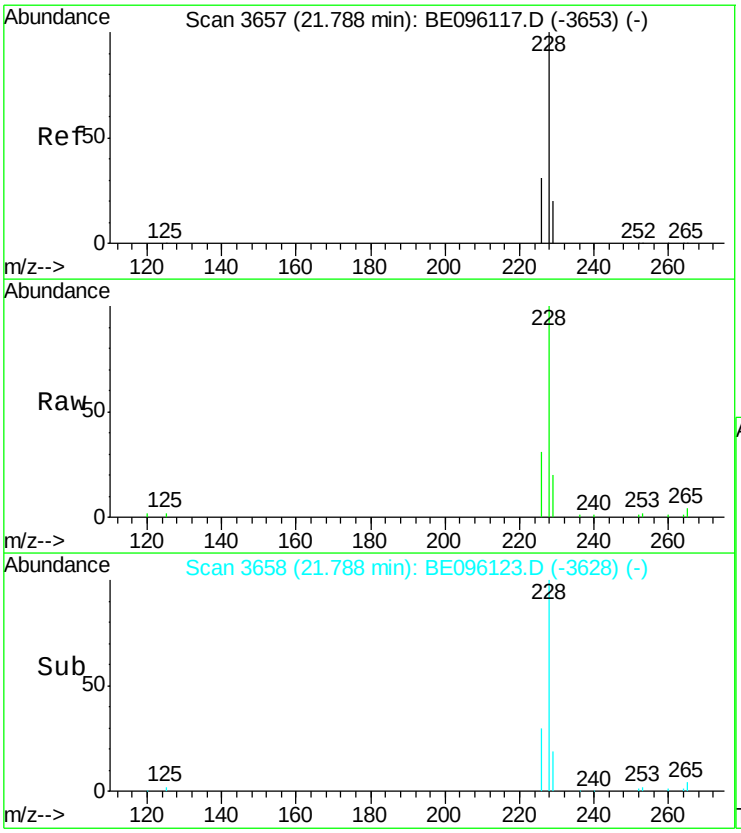


#18
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.73 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:228 Resp: 8402

Ion	Ratio	Lower	Upper
228	100		
229	20.2	22.8	34.2#
226	28.4	17.0	25.6#

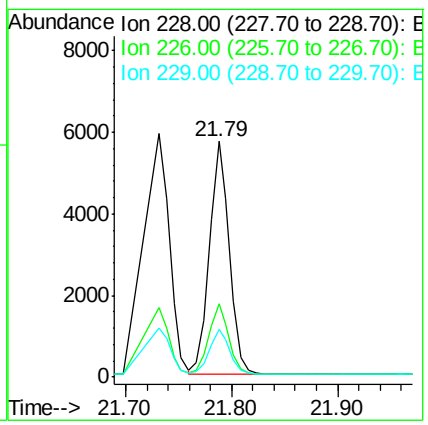


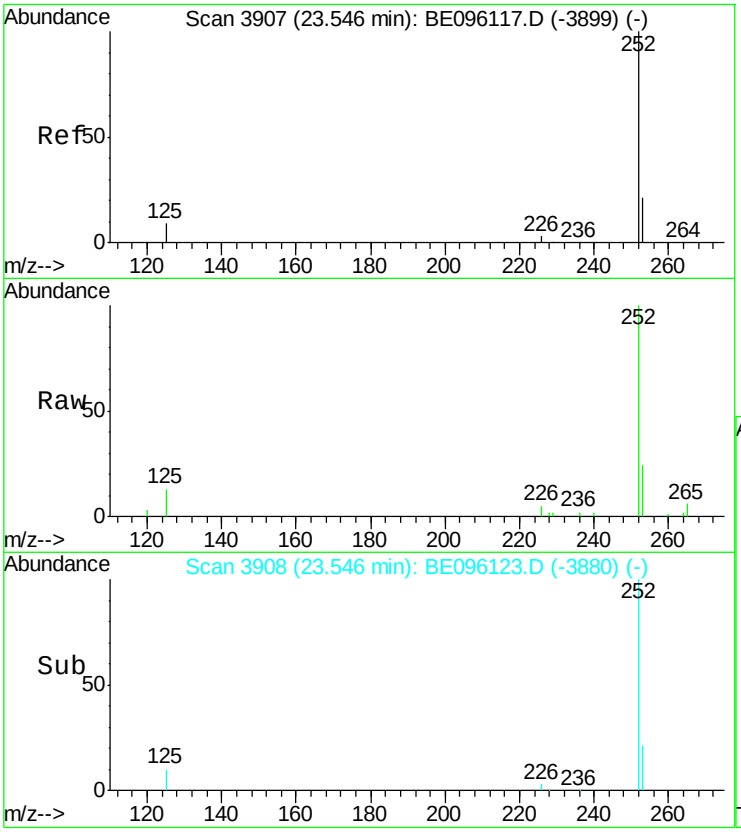


#19
Chrysene
Concen: 0.375 ng/ul
RT: 21.79 min Scan# 3658
Delta R.T. -0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:228 Resp: 7539

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.0
229	20.1	17.7	26.5

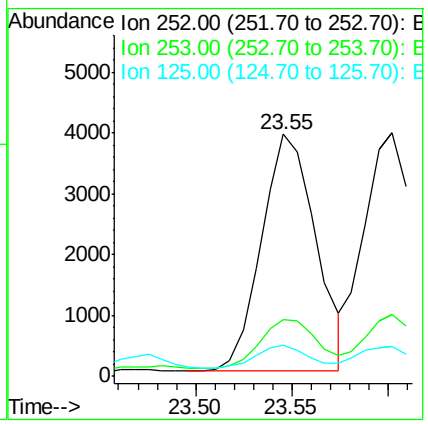


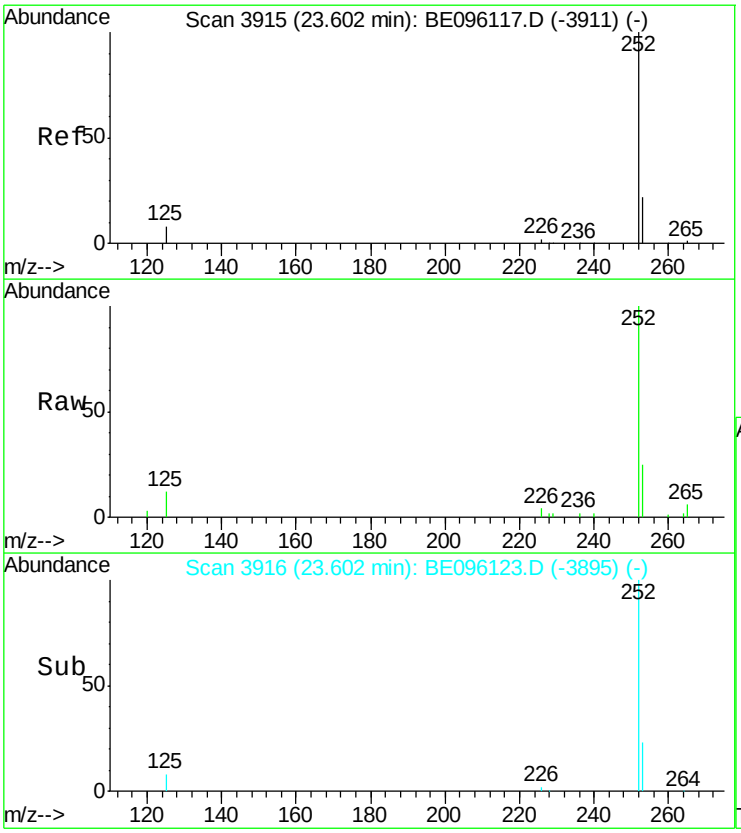


#21
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 23.55 min Scan# 3908
Delta R.T. -0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:252 Resp: 7579

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	64.2
125	12.7	0.0	35.0

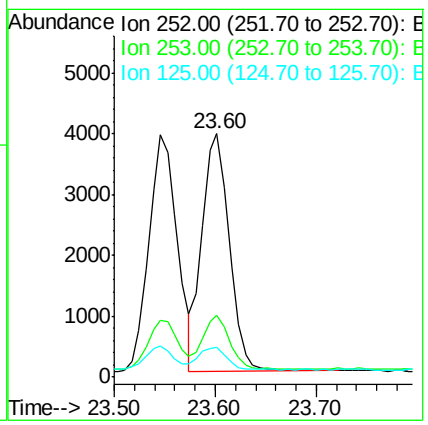


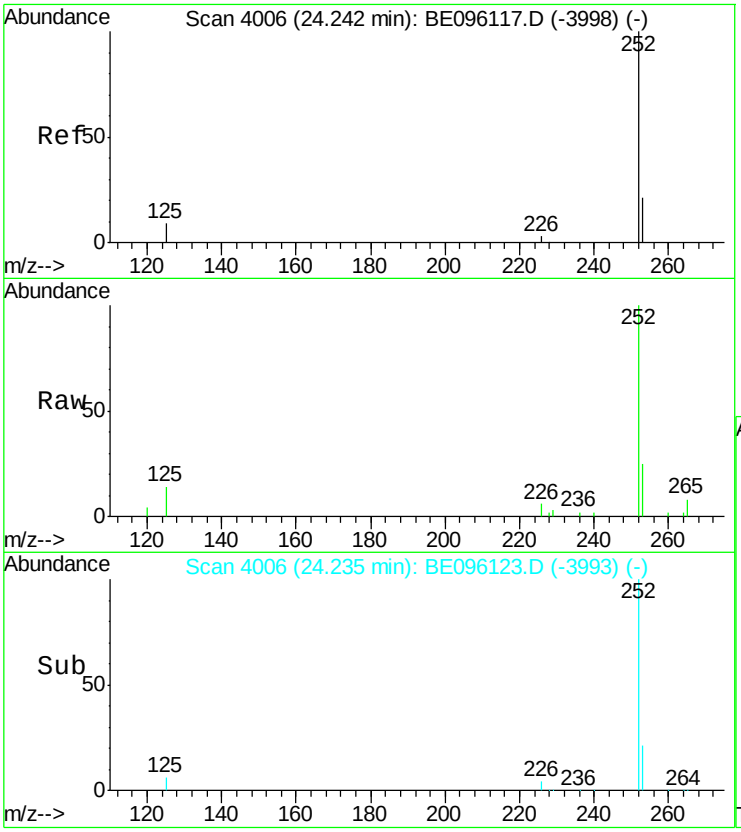


#22
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 23.60 min Scan# 3916
Delta R.T. -0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:252 Resp: 7293

Ion	Ratio	Lower	Upper
252	100		
253	25.4	24.5	36.7
125	12.2	13.7	20.5#

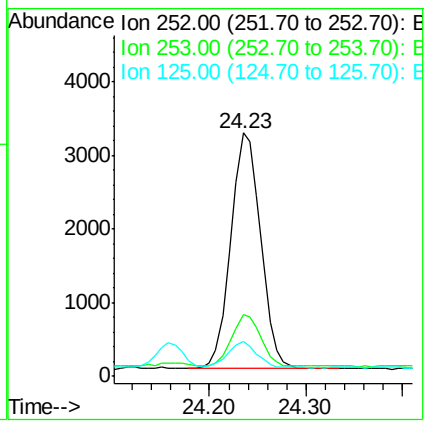


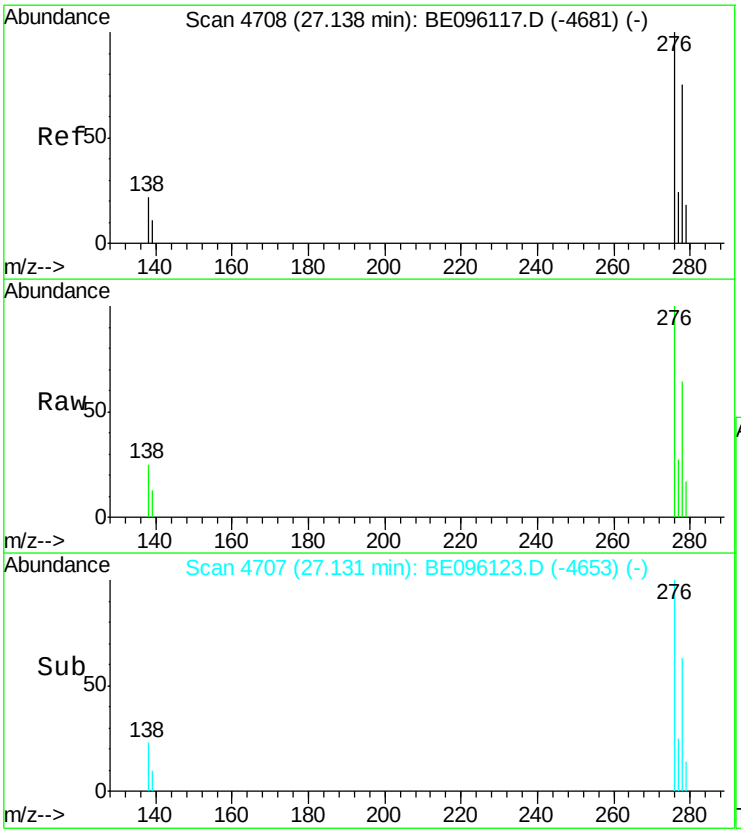


#23
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 24.23 min Scan# 4006
Delta R.T. -0.01 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:252 Resp: 6879

Ion	Ratio	Lower	Upper
252	100		
253	25.2	28.5	42.7#
125	14.2	18.1	27.1#

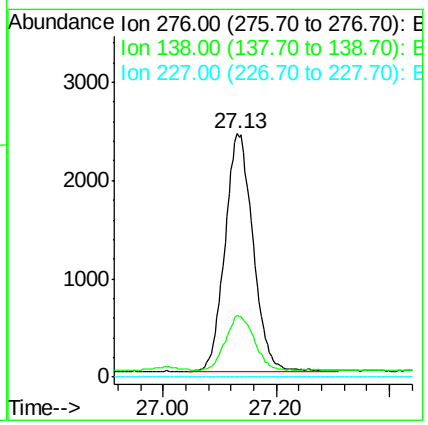


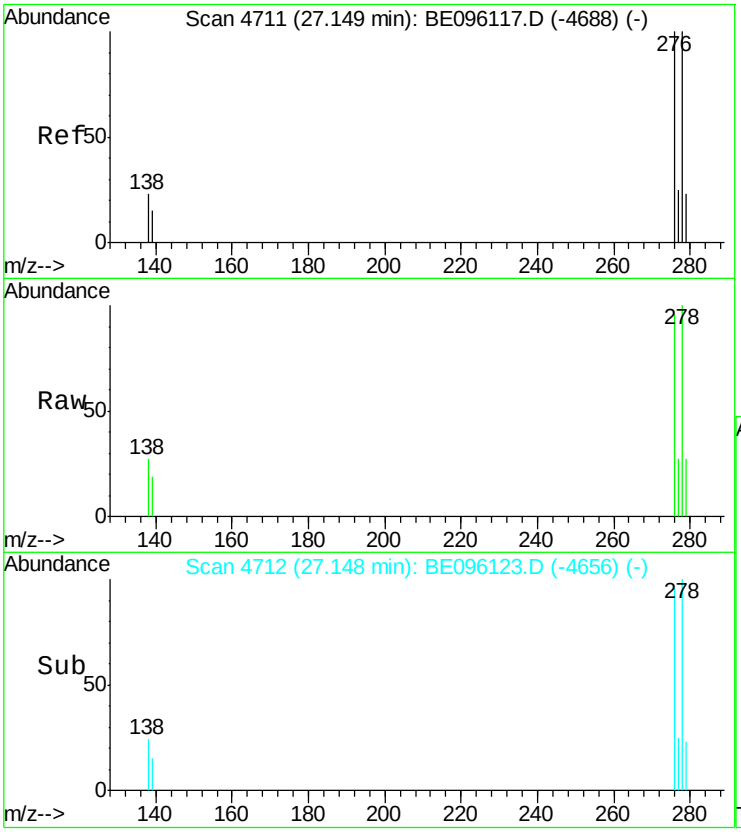


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng/ul
RT: 27.13 min Scan# 4707
Delta R.T. -0.01 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:276 Resp: 8358

Ion	Ratio	Lower	Upper
276	100		
138	23.3	28.0	42.0#
227	0.0	8.0	12.0#

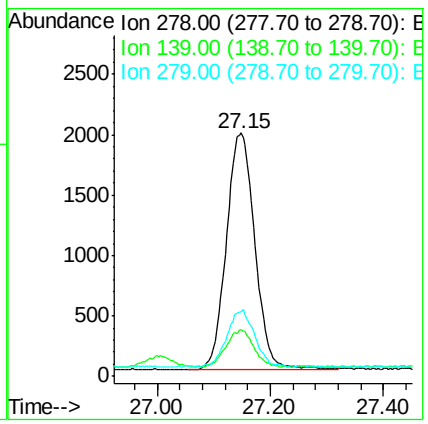


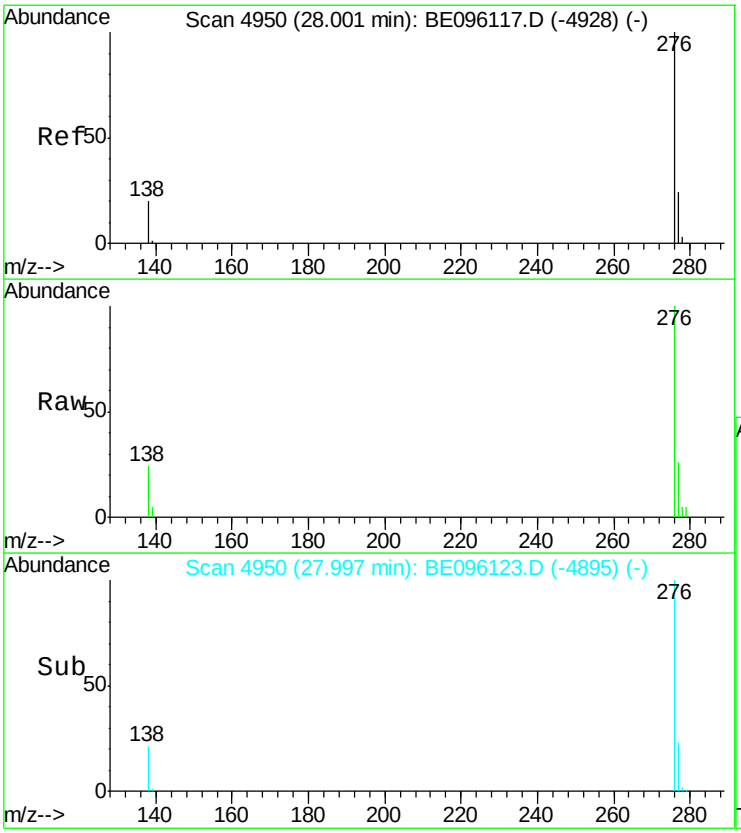


#25
Dibenzo(a,h)anthracene
Concen: 0.332 ng/ul
RT: 27.15 min Scan# 4712
Delta R.T. -0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:278 Resp: 6877

Ion	Ratio	Lower	Upper
278	100		
139	19.0	17.4	26.0
279	26.6	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 28.00 min Scan# 4950
Delta R.T. -0.00 min
Lab File: BE096123.D
Acq: 24 Apr 2018 17:19

Tgt Ion:276 Resp: 7006

Ion	Ratio	Lower	Upper
276	100		
138	24.0	21.8	32.8
277	25.7	20.5	30.7