Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
Data File : BE097852.D
Acq On : 11 Oct 2018 11:36
Operator : SJ/JU
Sample : SSTD0.456
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 11 12:20:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 12:14:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2251	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10757	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	7874	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	24147	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	28863	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	29292	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	7238	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	30788	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	10360	0.400	ng/ul	100
5) 2-Methylnaphthalene	12.36	142	7437	0.432	ng/ul	99
7) Acenaphthylene	14.26	152	11840	0.427	ng/ul	99
8) Acenaphthene	14.60	153	9214	0.399	ng/ul	98
9) Fluorene	15.59	166	11998	0.431	ng/ul	100
11) Pentachlorophenol	16.95	266	1132	0.514	ng/ul	92
12) Phenanthrene	17.34	178	22841	0.396	ng/ul	98
13) Anthracene	17.43	178	20871	0.426	ng/ul	99
15) Fluoranthene	19.36	202	29006	0.381	ng/ul	98
17) Pyrene	19.72	202	36939	0.521	ng/ul	99
18) Benzo(a)anthracene	21.46	228	35720	0.446	ng/ul	98
19) Chrysene	21.52	228	33178	0.429	ng/ul	98
21) Benzo(b)fluoranthene	23.25	252	30369	0.401	ng/ul	99
22) Benzo(k)fluoranthene	23.30	252	32940	0.384	ng/ul	97
23) Benzo(a)pyrene	23.91	252	29869	0.431	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.72	276	33924	0.431	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.74	278	28119	0.428	ng/ul	99
26) Benzo(g,h,i)perylene	27.54	276	29598	0.399	ng/ul	97

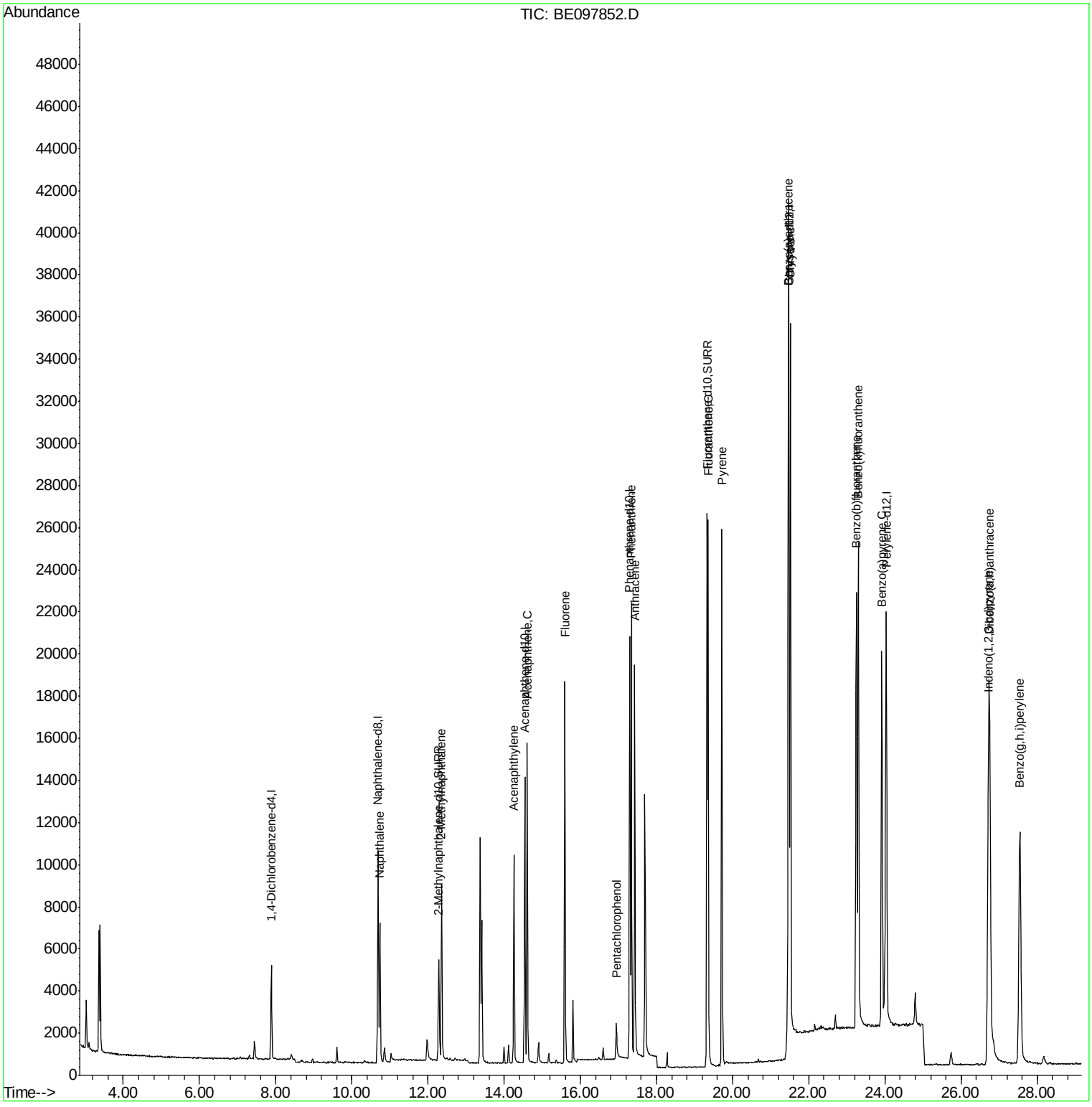
(#) = qualifier out of range (m) = manual integration (+) = signals summed

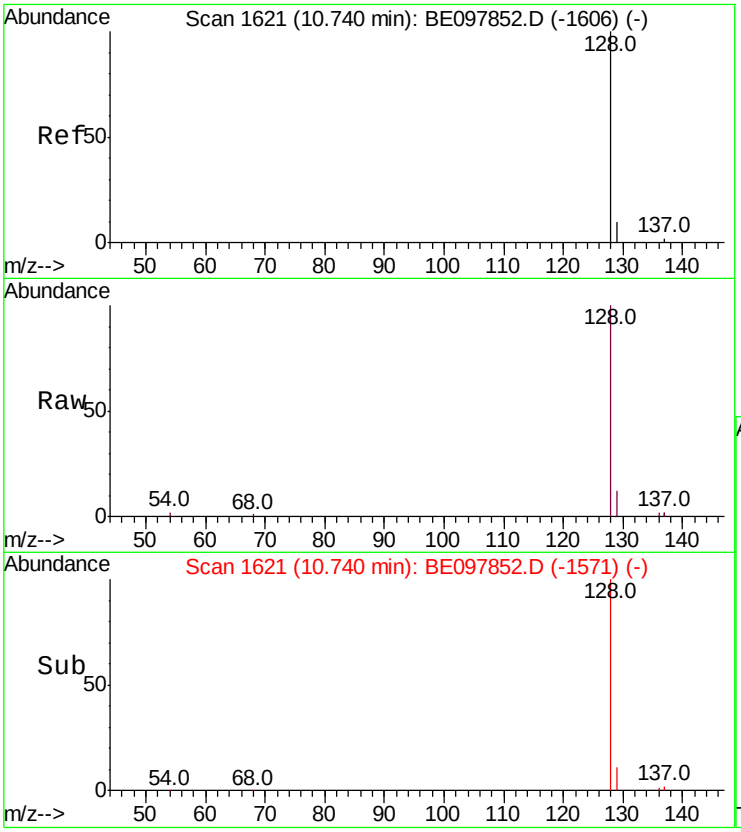
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
Data File : BE097852.D
Acq On : 11 Oct 2018 11:36
Operator : SJ/JU
Sample : SSTD0.456
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 11 12:20:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 12:14:30 2018
Response via : Initial Calibration



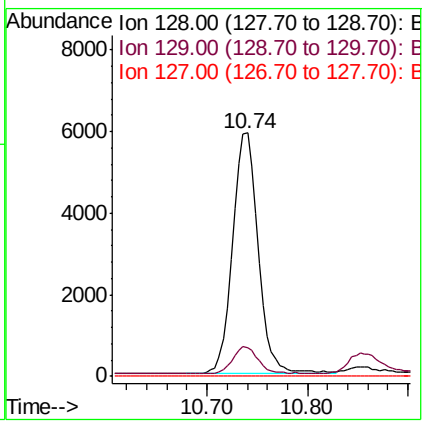


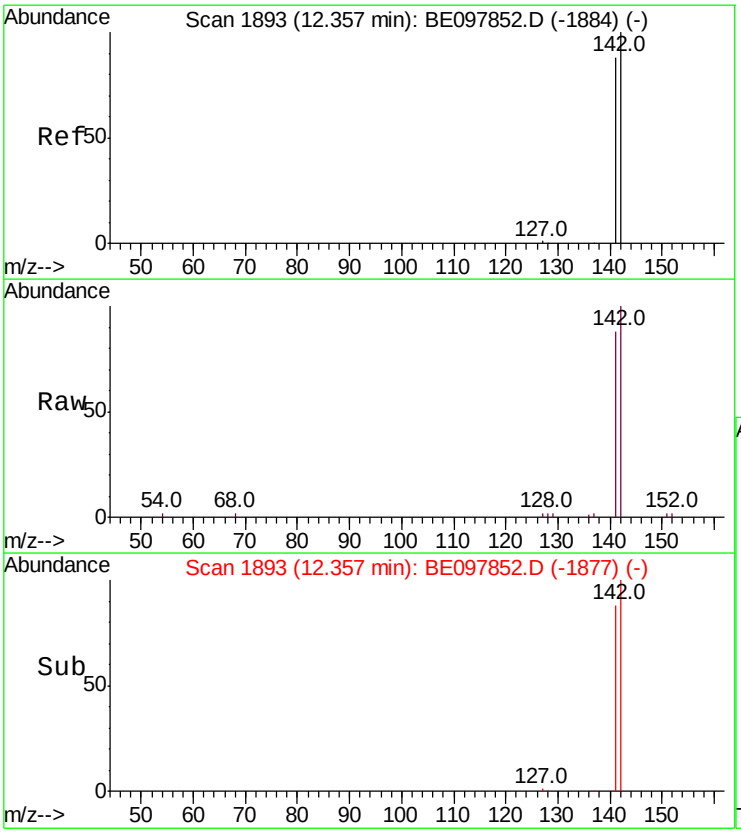
#3
Naphthalene
Concen: 0.400 ng/ul
RT: 10.74 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 10360

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	0.0	0.0	0.0

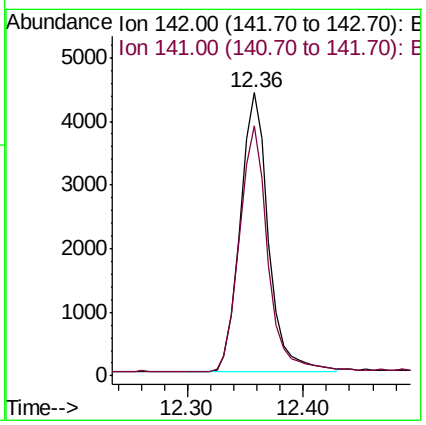


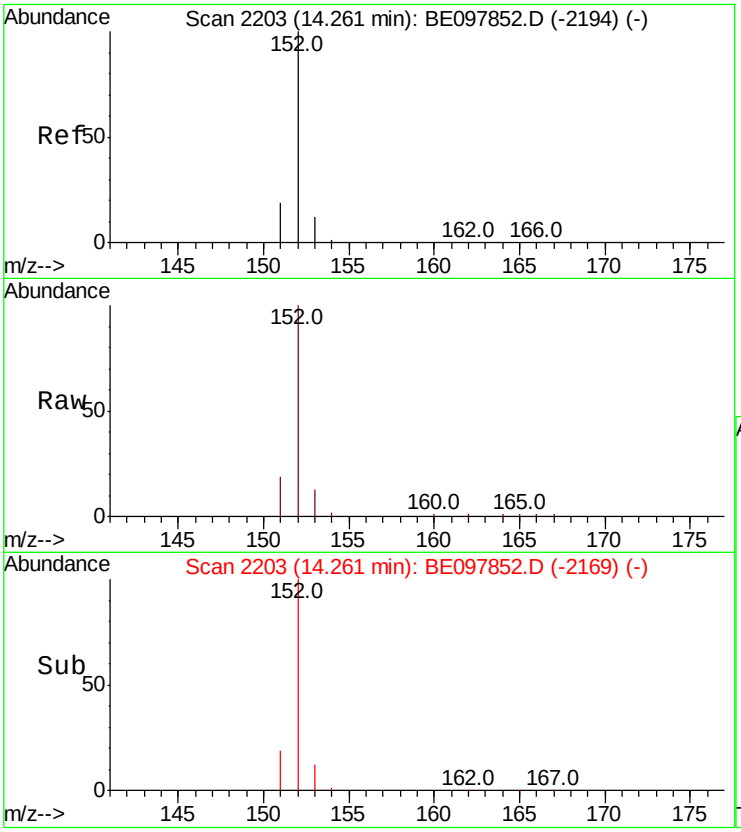


#5
2-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.36 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Tgt Ion:142 Resp: 7437

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.6	107.4



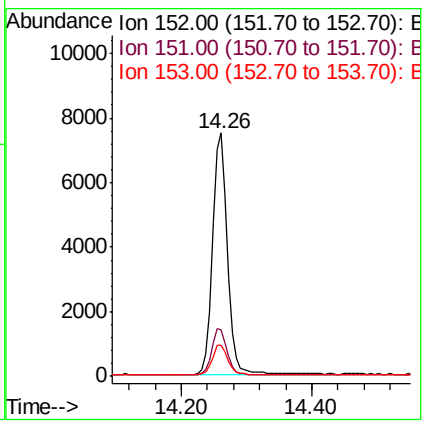


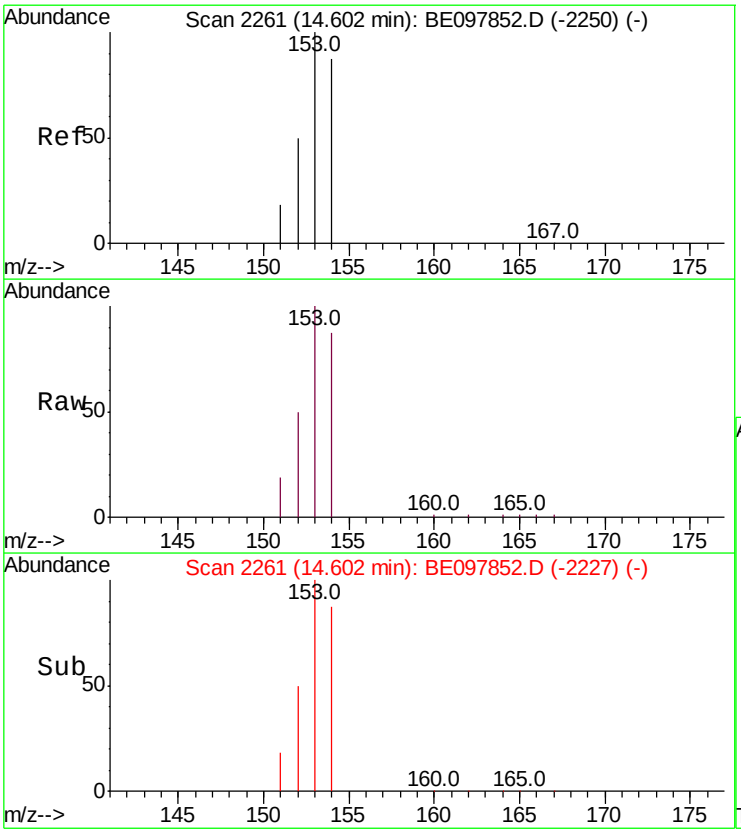
#7
Acenaphthylene
Concen: 0.427 ng/ul
RT: 14.26 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11840

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.0	22.6
153	12.9	10.5	15.7

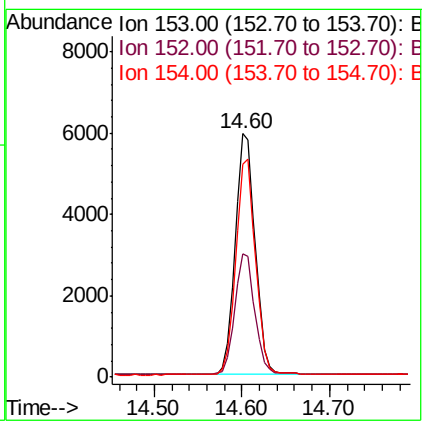


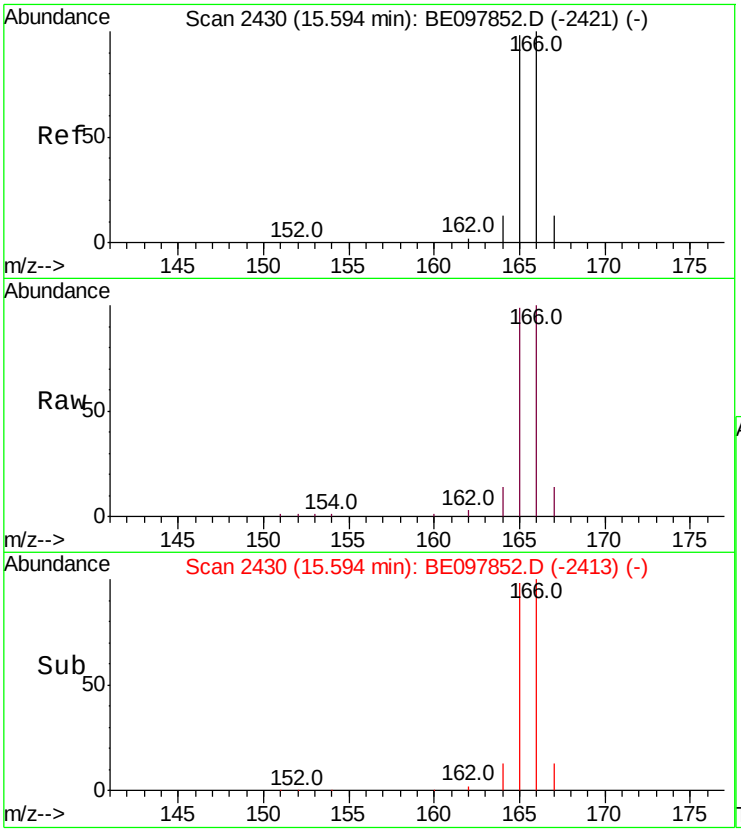


#8
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.60 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Tgt Ion:153 Resp: 9214

Ion	Ratio	Lower	Upper
153	100		
152	50.5	41.2	61.8
154	87.3	68.6	103.0



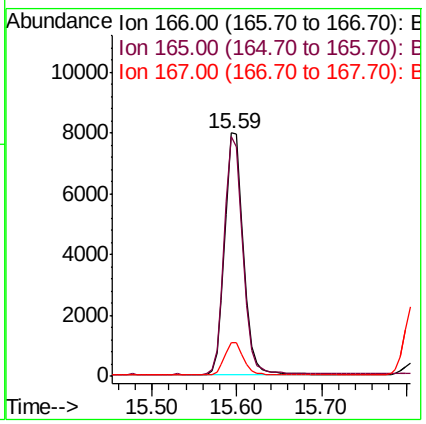


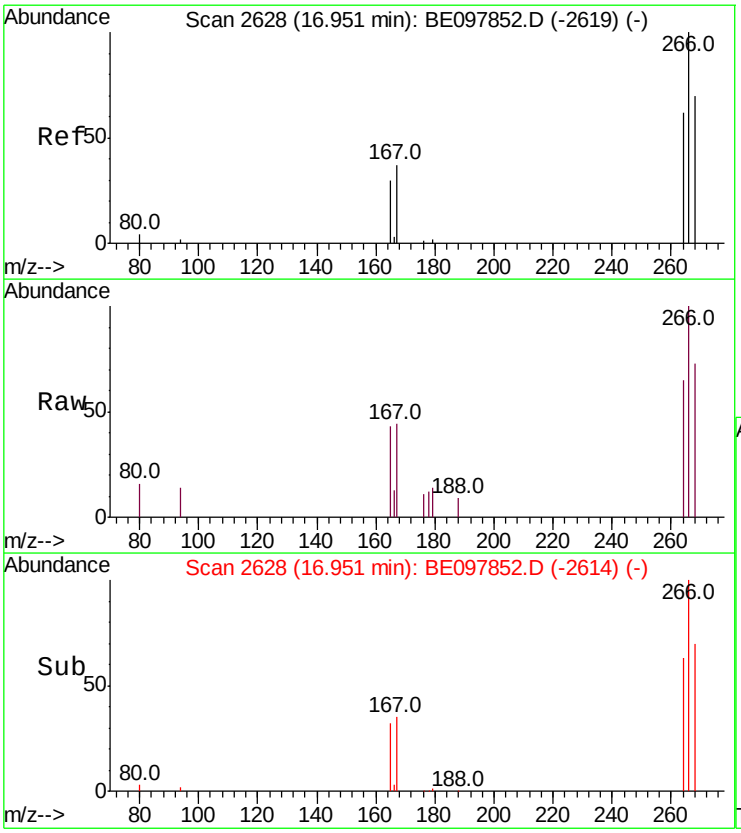
#9
Fluorene
Concen: 0.431 ng/ul
RT: 15.59 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 11998

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.2	118.8
167	13.8	11.3	16.9

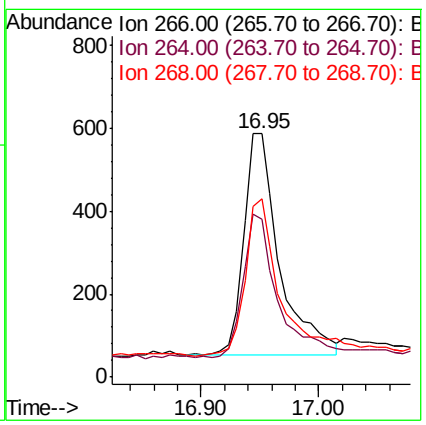


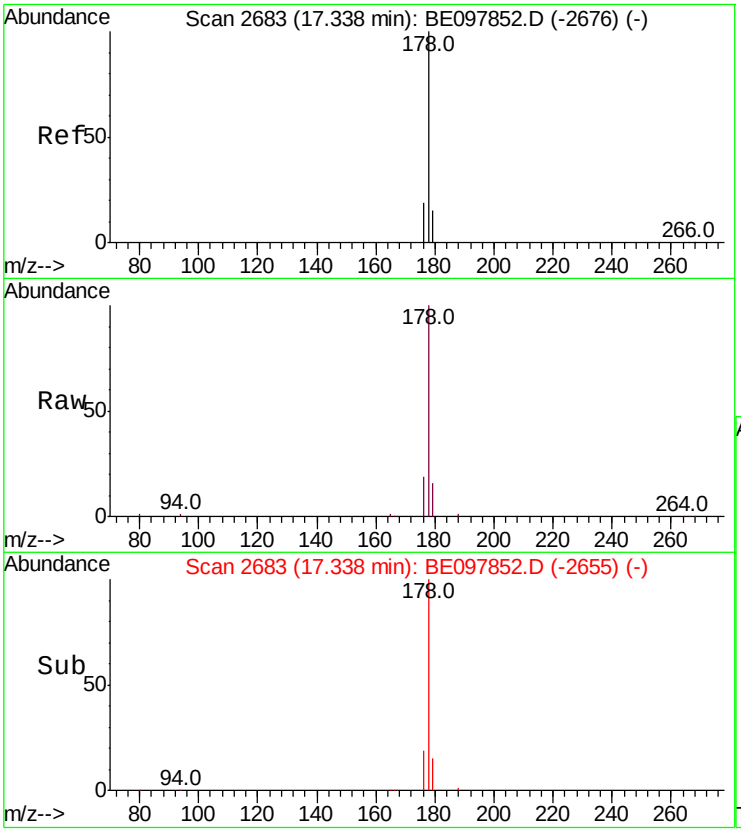


#11
Pentachlorophenol
Concen: 0.514 ng/ul
RT: 16.95 min Scan# 2628
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Tgt Ion:266 Resp: 1132

Ion	Ratio	Lower	Upper
266	100		
264	64.8	49.8	74.8
268	70.2	48.4	72.6



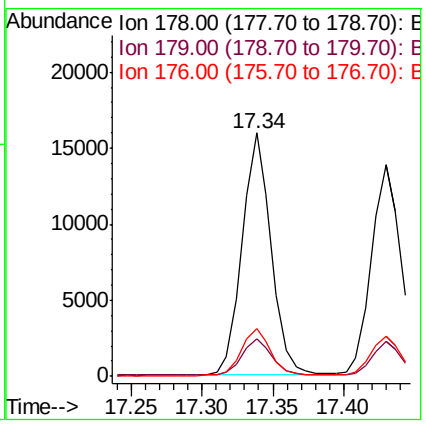


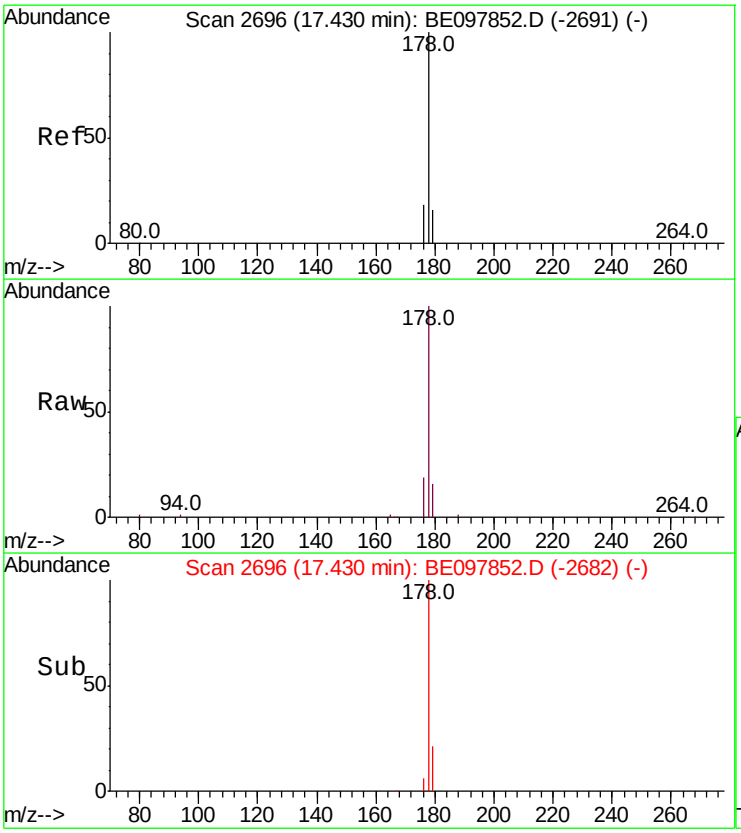
#12
Phenanthrene
Concen: 0.396 ng/ul
RT: 17.34 min Scan# 2683
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 22841

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	19.4	14.9	22.3

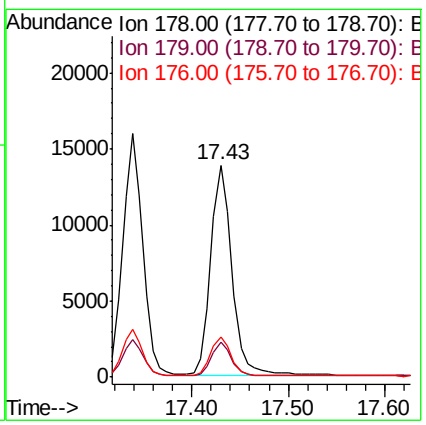


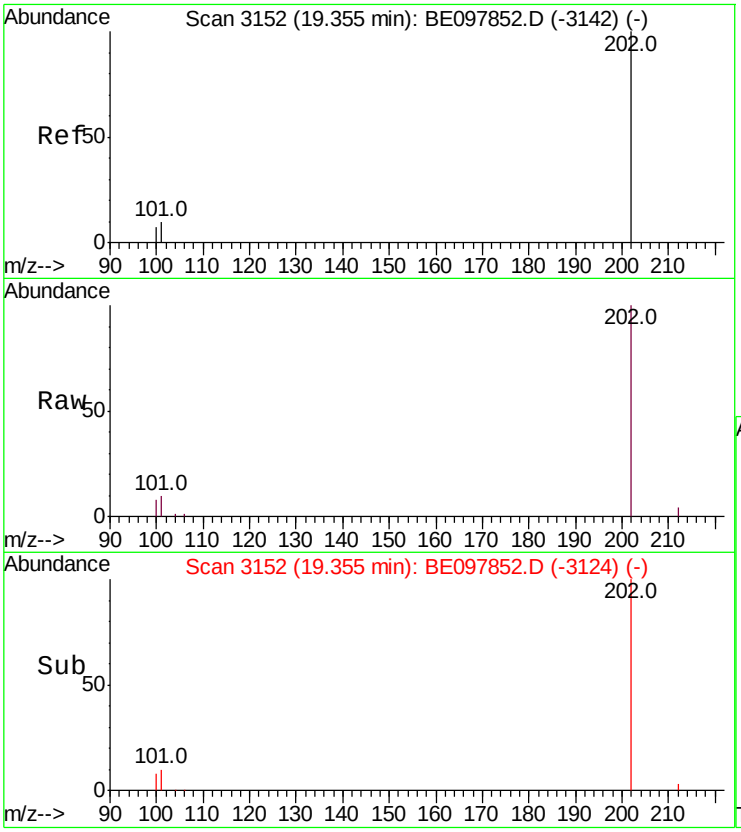


#13
Anthracene
Concen: 0.426 ng/ul
RT: 17.43 min Scan# 2696
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Tgt Ion:178 Resp: 20871

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	18.9	15.5	23.3



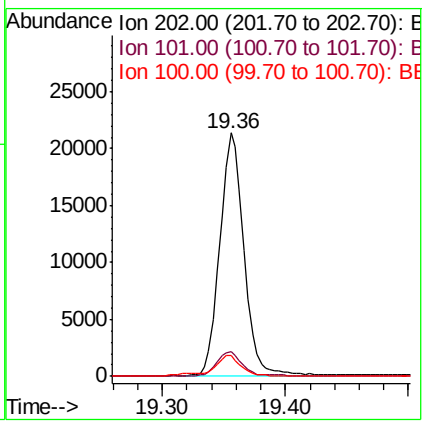


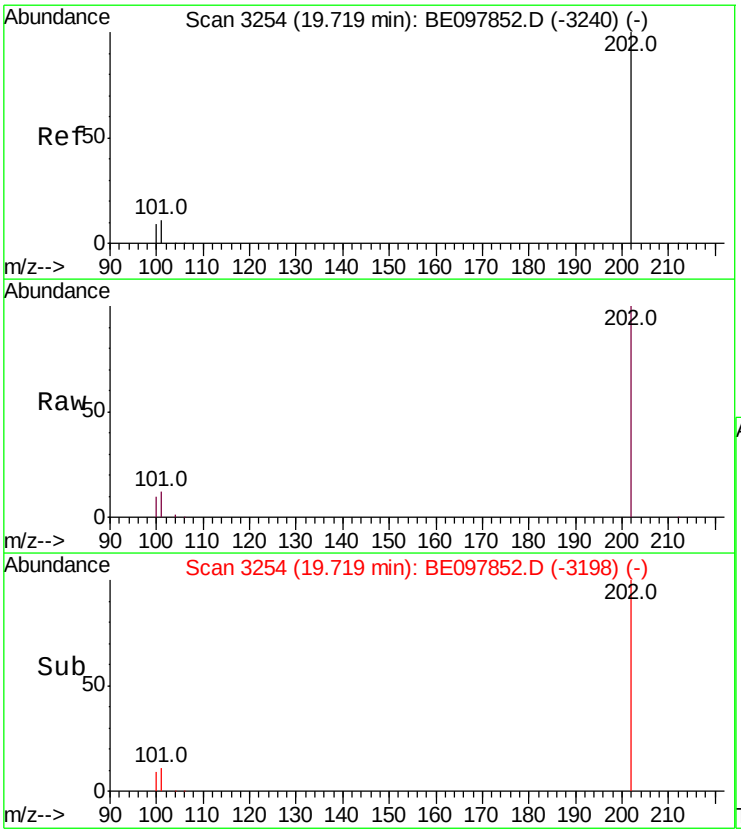
#15
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.36 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 29006

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.3
100	8.4	0.0	27.5

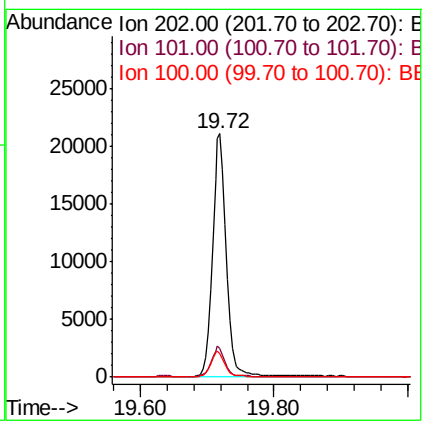


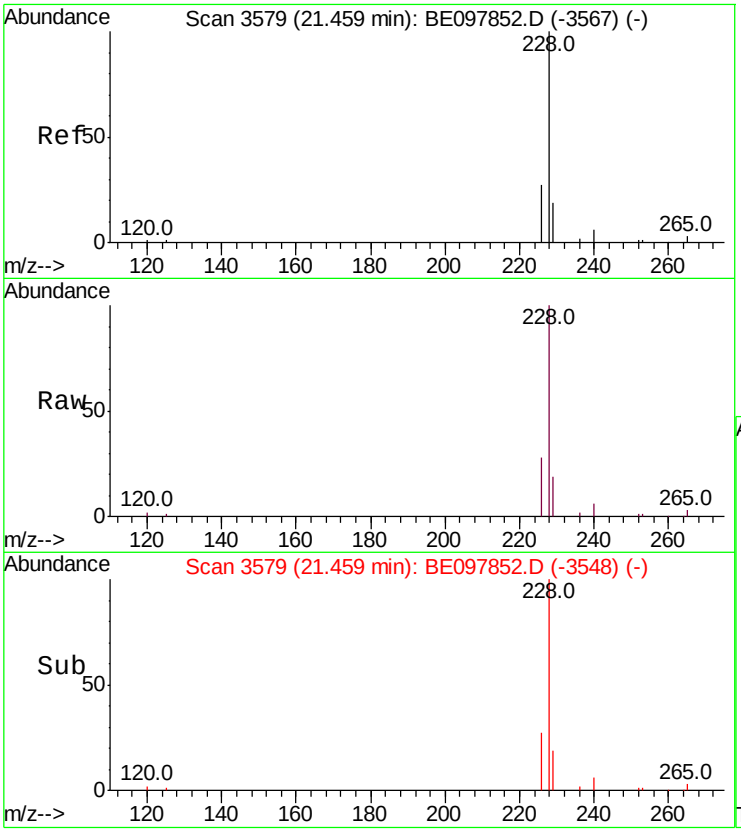


#17
Pyrene
Concen: 0.521 ng/ul
RT: 19.72 min Scan# 3254
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Tgt Ion:202 Resp: 36939

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.8	13.2
100	9.6	7.9	11.9



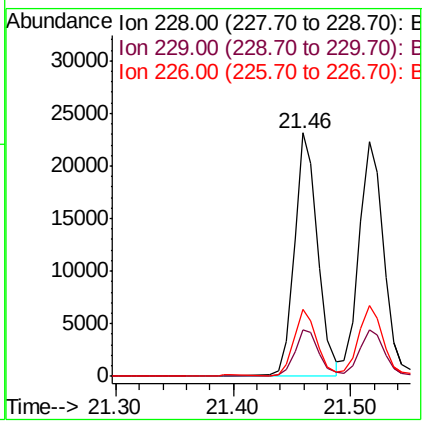


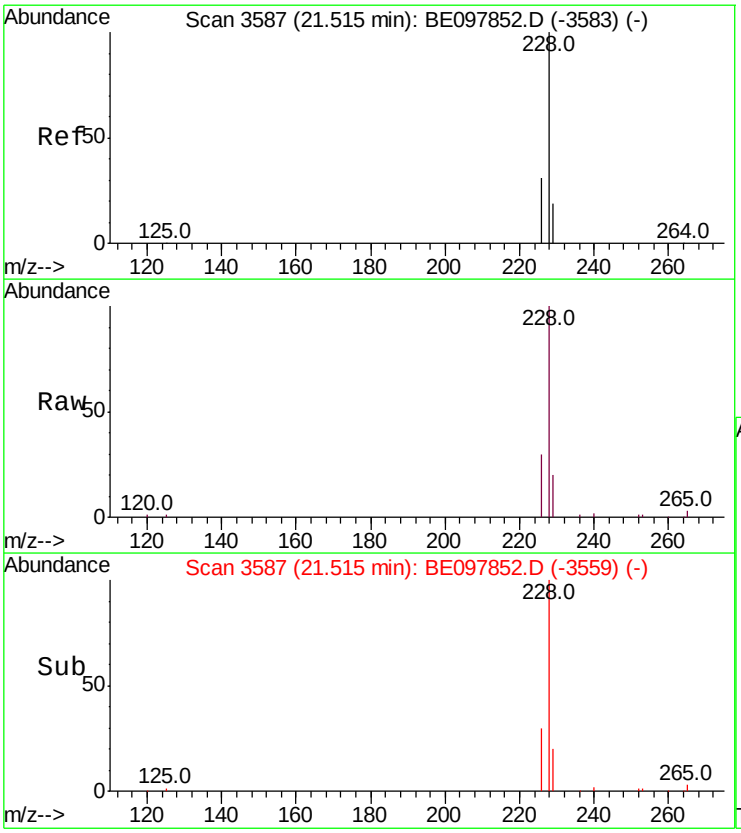
#18
Benzo(a)anthracene
Concen: 0.446 ng/ul
RT: 21.46 min Scan# 3579
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 35720

Ion	Ratio	Lower	Upper
228	100		
229	19.3	16.4	24.6
226	27.5	21.5	32.3

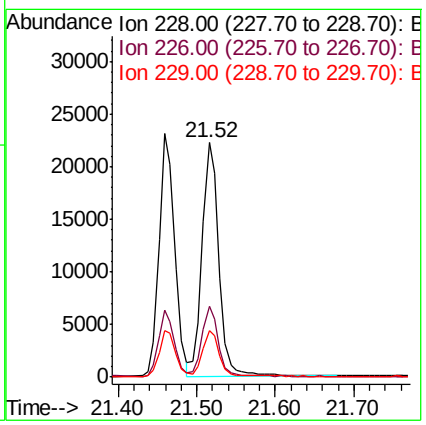


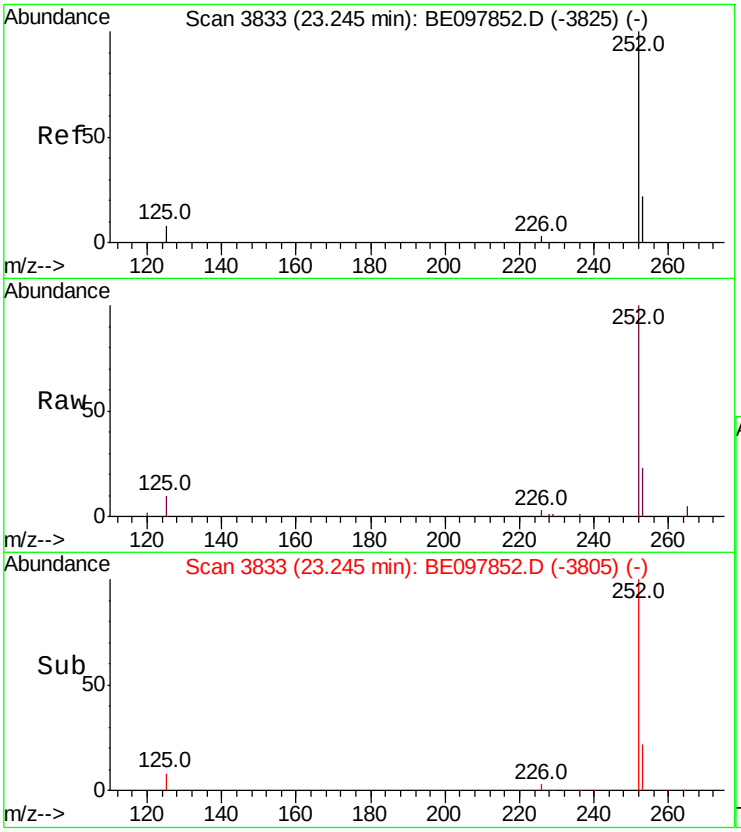


#19
Chrysene
Concen: 0.429 ng/ul
RT: 21.52 min Scan# 3587
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Tgt Ion:228 Resp: 33178

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.0	34.4
229	20.0	15.5	23.3



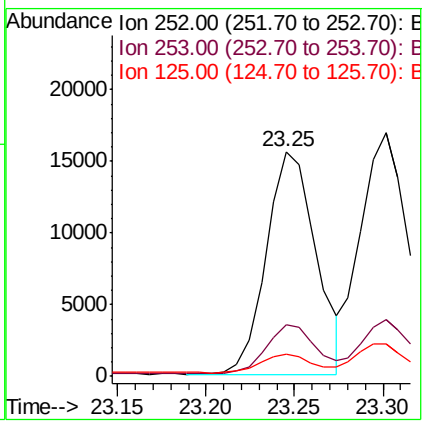


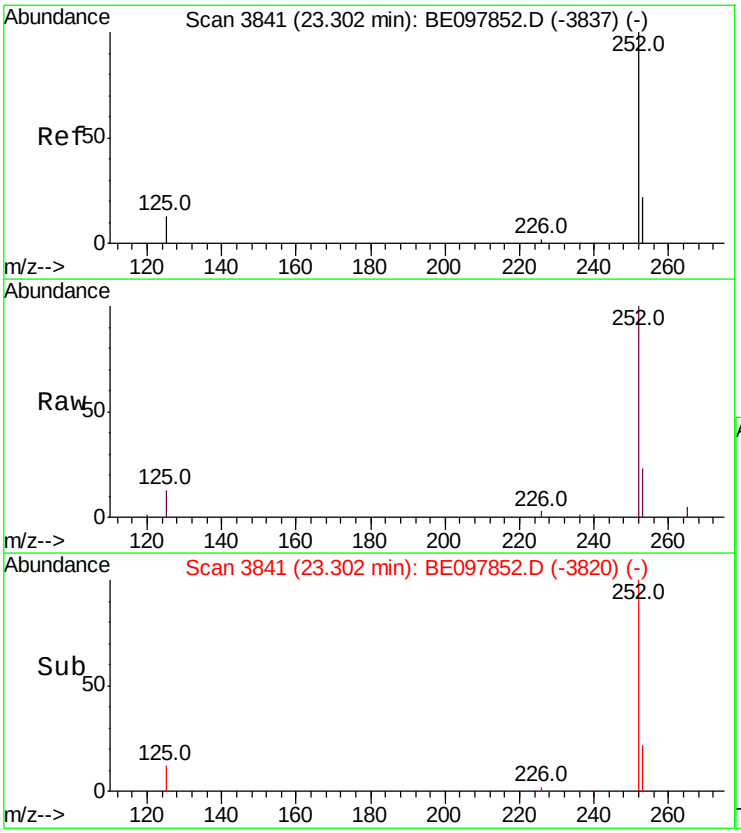
#21
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.25 min Scan# 3833
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 30369

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	47.0
125	10.0	0.0	18.2

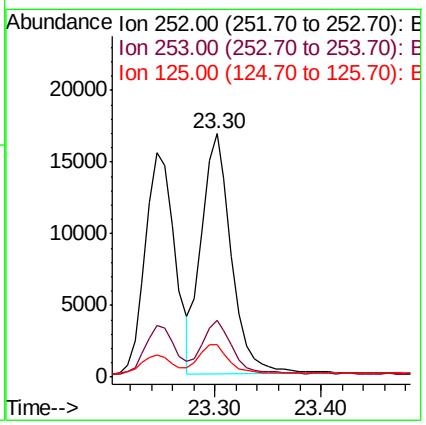


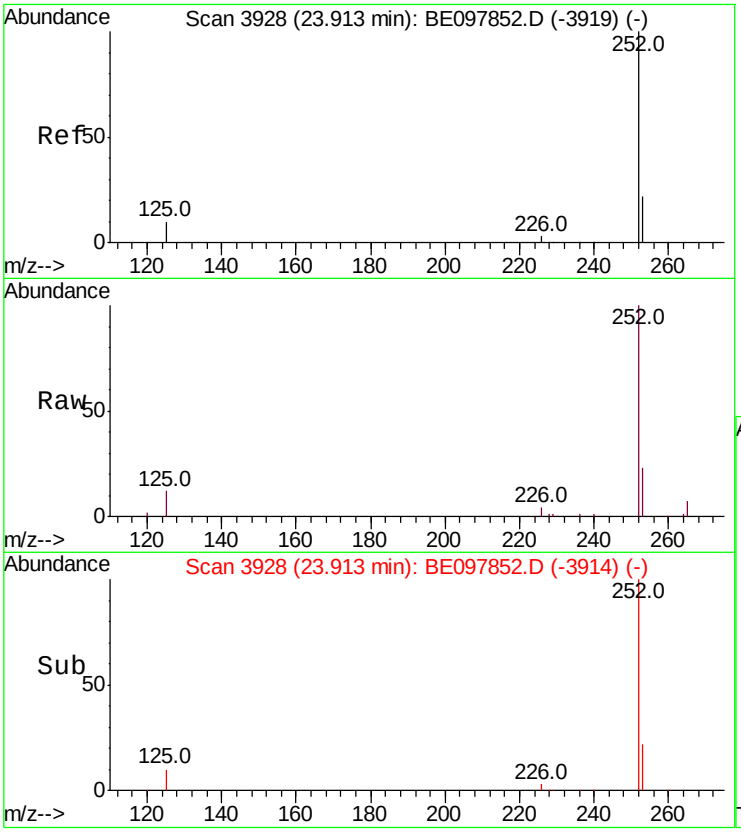


#22
Benzo(k)fluoranthene
Concen: 0.384 ng/ul
RT: 23.30 min Scan# 3841
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Tgt Ion:252 Resp: 32940

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	13.4	9.4	14.0



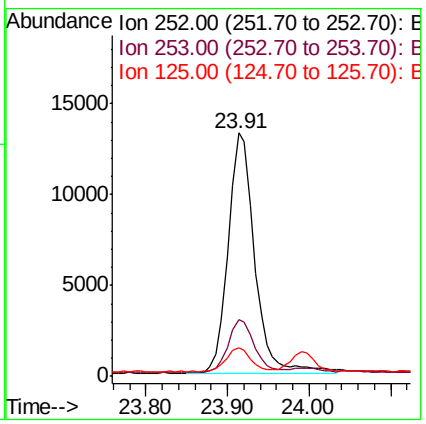


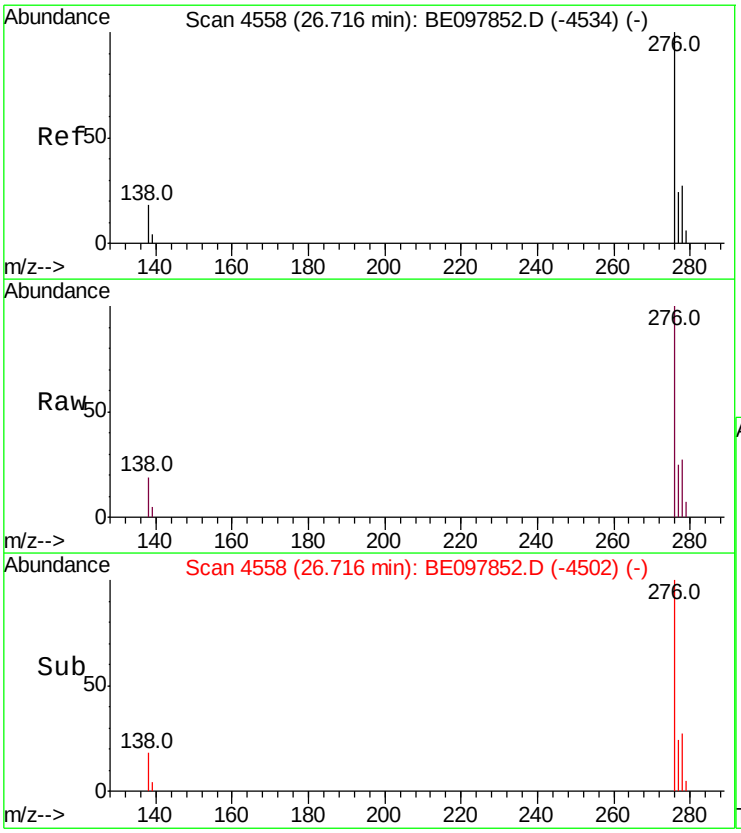
#23
Benzo(a)pyrene
Concen: 0.431 ng/ul
RT: 23.91 min Scan# 3928
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 29869

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	11.6	8.3	12.5

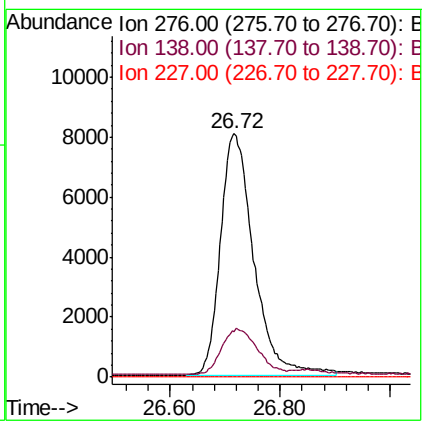


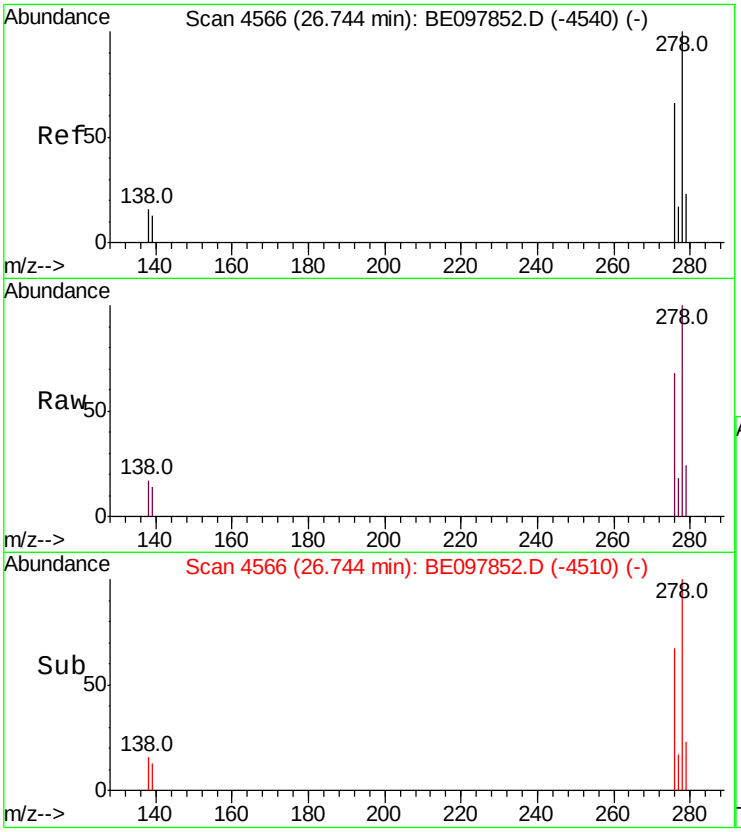


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng/ul
RT: 26.72 min Scan# 4558
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Tgt Ion:276 Resp: 33924

Ion	Ratio	Lower	Upper
276	100		
138	20.5	0.0	0.0#
227	0.0	0.0	0.0



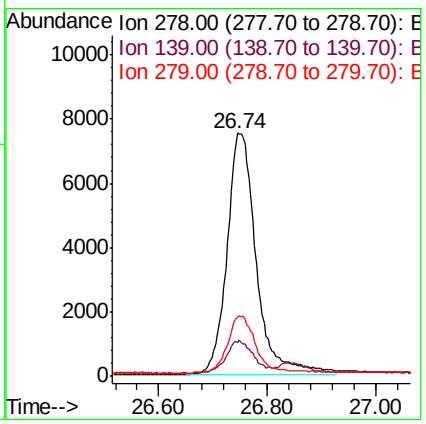


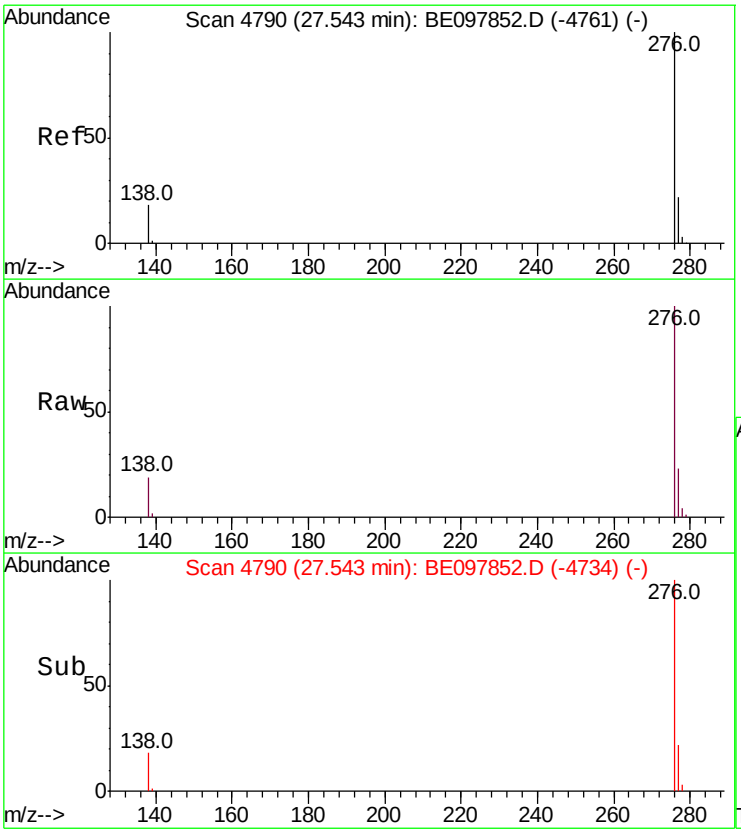
#25
Dibenzo(a,h)anthracene
Concen: 0.428 ng/ul
RT: 26.74 min Scan# 4566
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Instrument :
BNA_E
ClientSampleId :

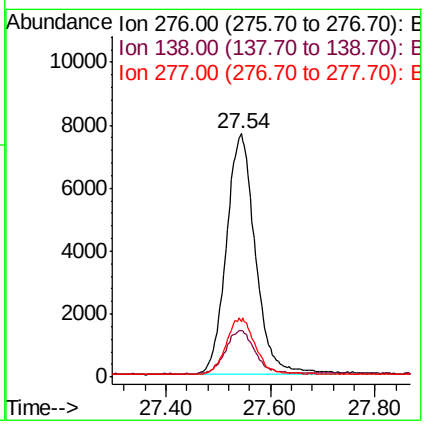
Tgt Ion:278 Resp: 28119

Ion	Ratio	Lower	Upper
278	100		
139	14.1	10.9	16.3
279	24.2	18.8	28.2





#26
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 27.54 min Scan# 4790
Delta R.T. 0.00 min
Lab File: BE097852.D
Acq: 11 Oct 2018 11:36

Tgt Ion:276 Resp: 29598

Ion	Ratio	Lower	Upper
276	100		
138	19.4	14.3	21.5
277	22.8	19.5	29.3