Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
Data File : BE096167.D
Acq On : 26 Apr 2018 2:41
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 26 06:41:31 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 26 06:40:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	1085	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	4136	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.92	164	13860	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.68	188	5305	0.40	ng/ul	0.03
16) Chrysene-d12	21.77	240	8641	0.40	ng/ul	0.03
20) Perylene-d12	24.38	264	5604	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1886	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	3560	0.15	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.23	128	100633	8.738	ng/ul#	92
5) 2-Methylnaphthalene	12.81	142	442197	57.309	ng/ul	100
7) Acenaphthylene	14.63	152	3691	0.052	ng/ul#	1
8) Acenaphthene	15.03	153	2255206	43.777	ng/ul	93
9) Fluorene	16.02	166	4001993	58.712	ng/ul#	91
12) Phenanthrene	17.79	178	16788711	1074.887	ng/ul#	87
13) Anthracene	17.84	178	3339196	213.096	ng/ul#	91
15) Fluoranthene	19.72	202	12516527	524.268	ng/ul	84
17) Pyrene	20.08	202	10905087	629.072	ng/ul#	80
18) Benzo(a)anthracene	21.76	228	4033773	154.192	ng/ul#	83
19) Chrysene	21.82	228	1781445	74.106	ng/ul	94
21) Benzo(b)fluoranthene	23.59	252	2276427	107.279	ng/ul	83
22) Benzo(k)fluoranthene	23.59	252	2276427	112.220	ng/ul#	84
23) Benzo(a)pyrene	24.28	252	1135458	61.594	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	27.17	276	407181	16.393	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.29	278	40633	1.954	ng/ul	94
26) Benzo(g,h,i)perylene	28.03	276	300570	13.902	ng/ul#	91

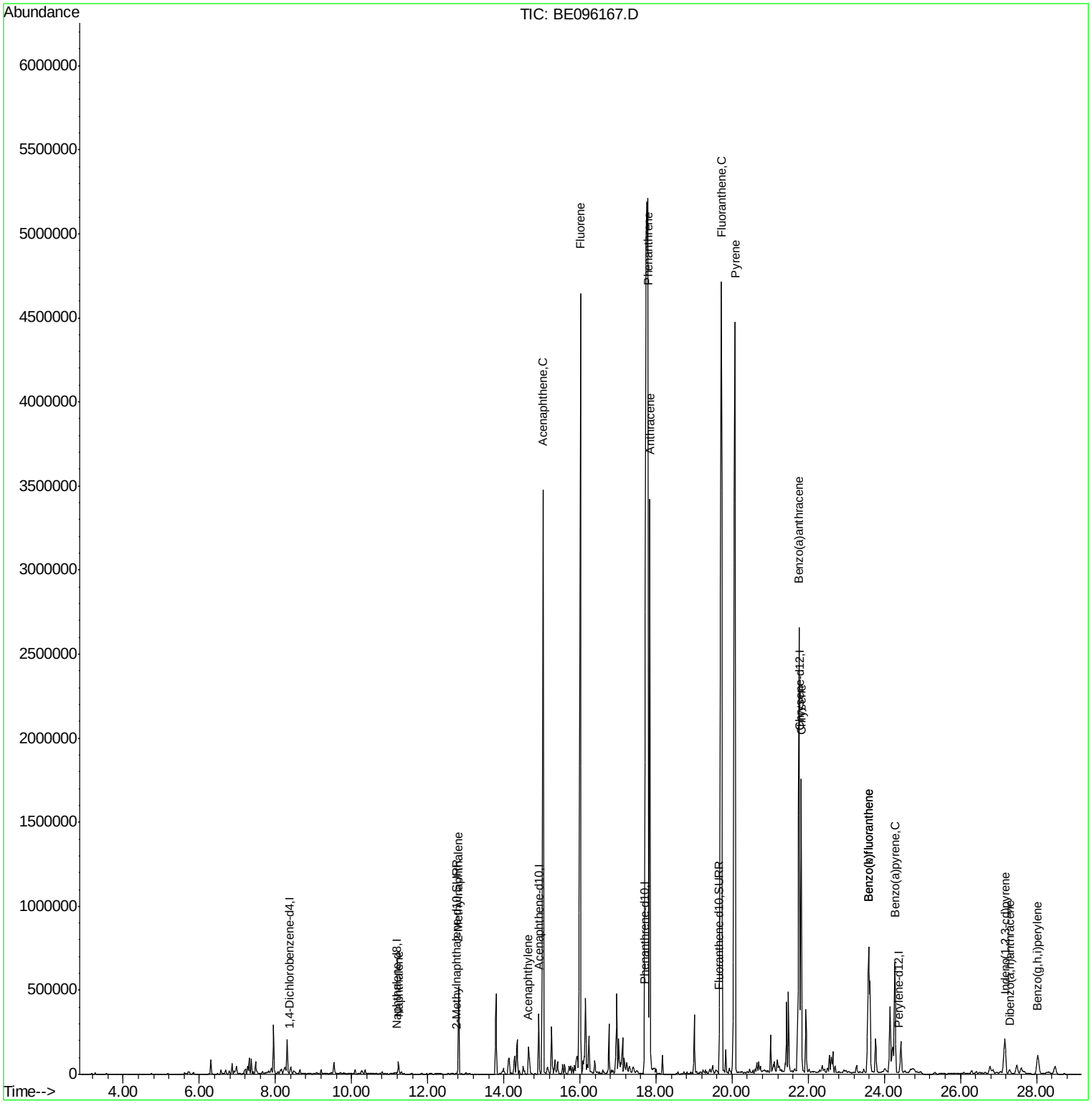
(#) = qualifier out of range (m) = manual integration (+) = signals summed

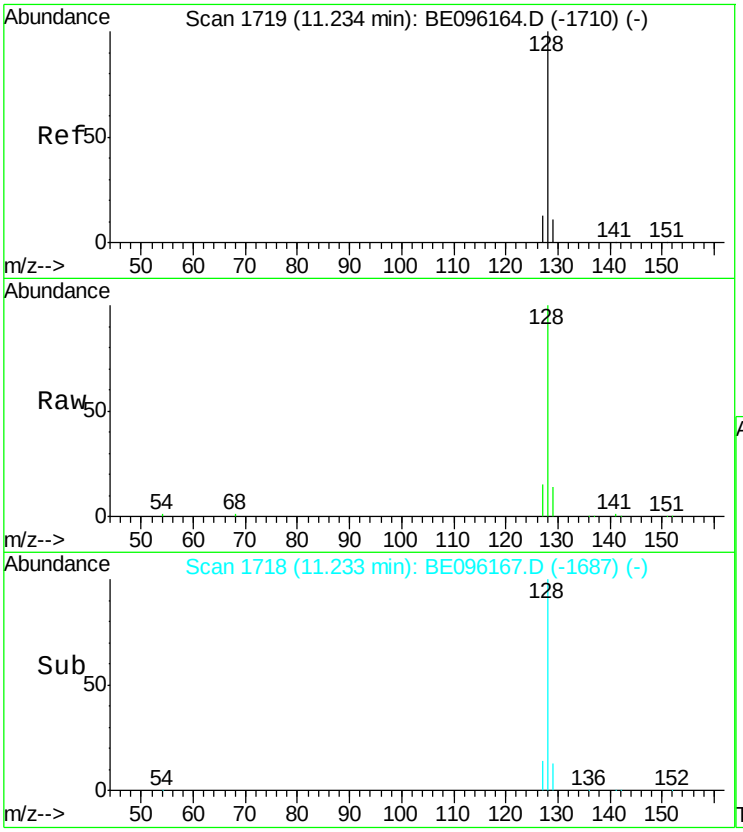
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
Data File : BE096167.D
Acq On : 26 Apr 2018 2:41
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 26 06:41:31 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 26 06:40:54 2018
Response via : Initial Calibration



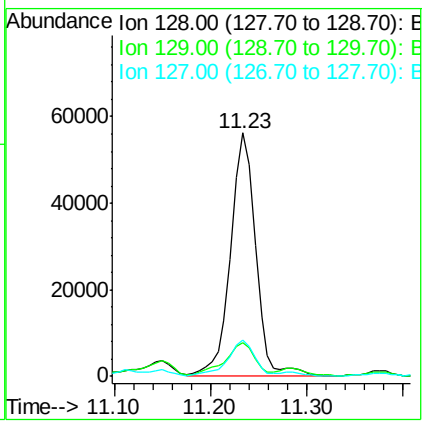


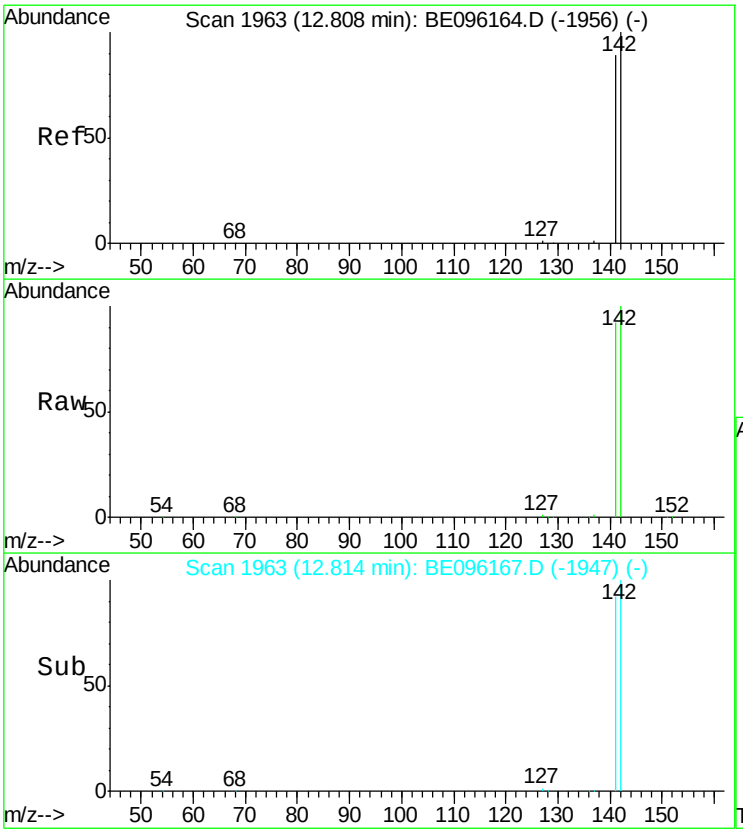
#3
Naphthalene
Concen: 8.738 ng/ul
RT: 11.23 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 100633

Ion	Ratio	Lower	Upper
128	100		
129	14.0	11.3	16.9
127	14.7	4.0	6.0#

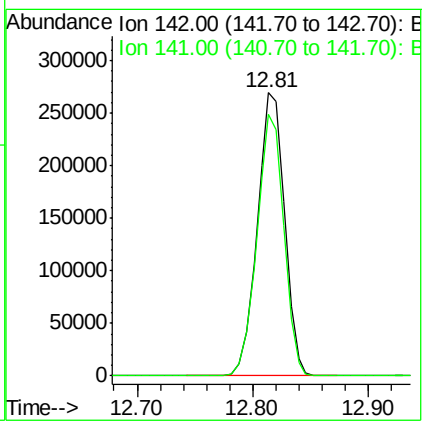


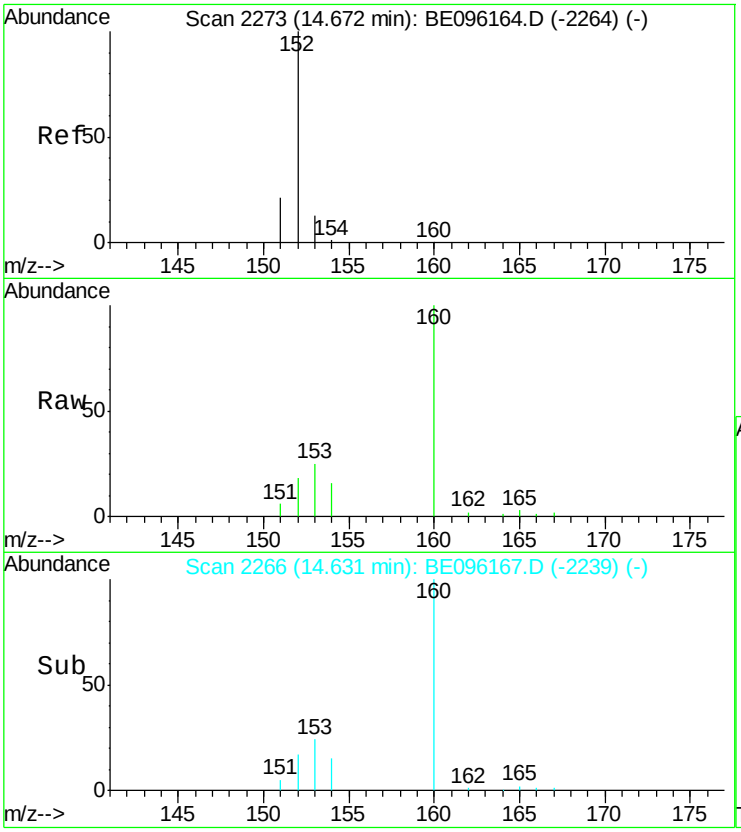


#5
2-Methylnaphthalene
Concen: 57.309 ng/ul
RT: 12.81 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Tgt Ion:142 Resp: 442197

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.6	108.8



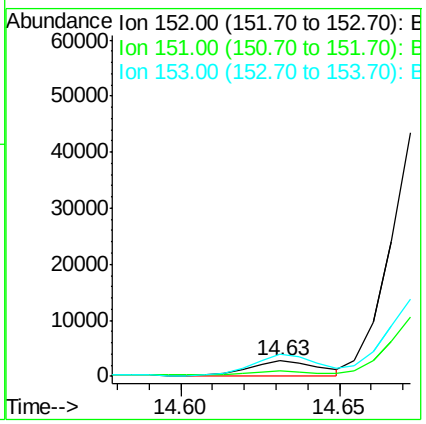


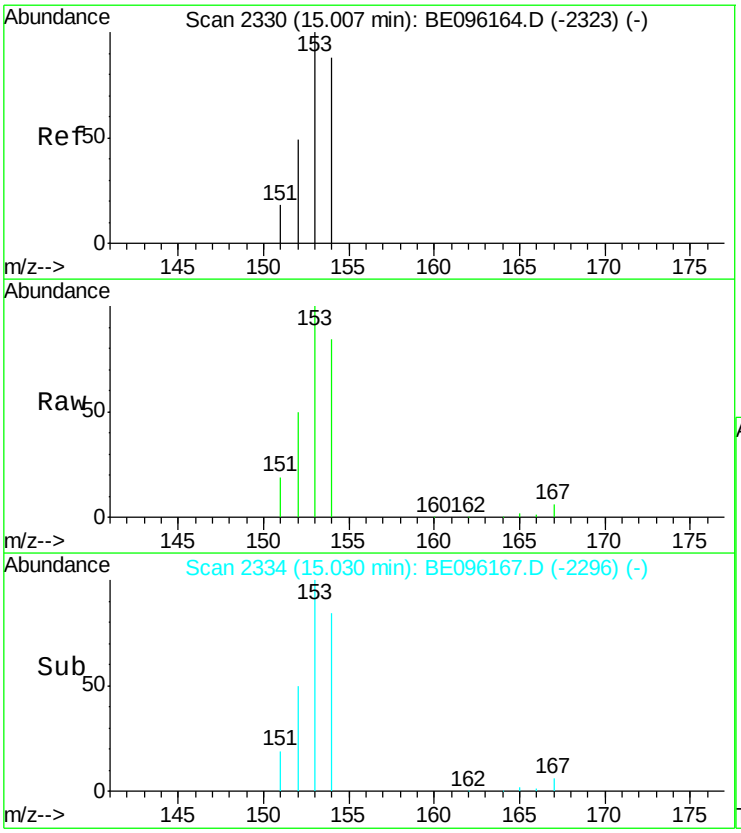
#7
Acenaphthylene
Concen: 0.052 ng/ul
RT: 14.63 min Scan# 2266
Delta R.T. -0.04 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3691

Ion	Ratio	Lower	Upper
152	100		
151	35.0	17.1	25.7#
153	140.5	12.8	19.2#

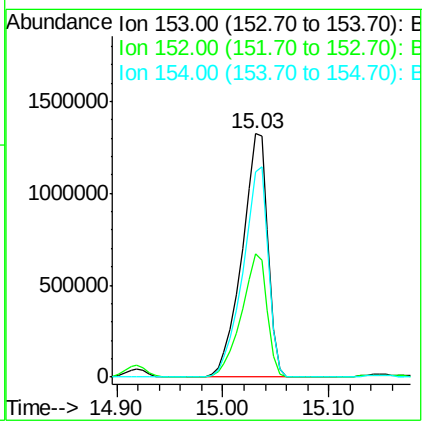


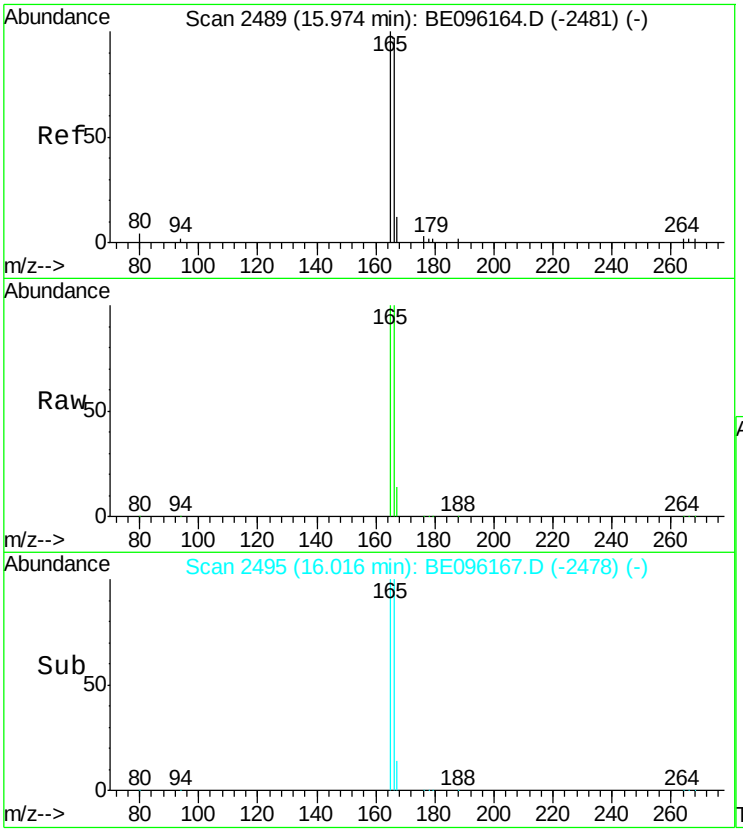


#8
Acenaphthene
Concen: 43.777 ng/ul
RT: 15.03 min Scan# 2334
Delta R.T. 0.02 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Tgt Ion:153 Resp: 2255206

Ion	Ratio	Lower	Upper
153	100		
152	50.5	36.0	54.0
154	84.1	72.0	108.0



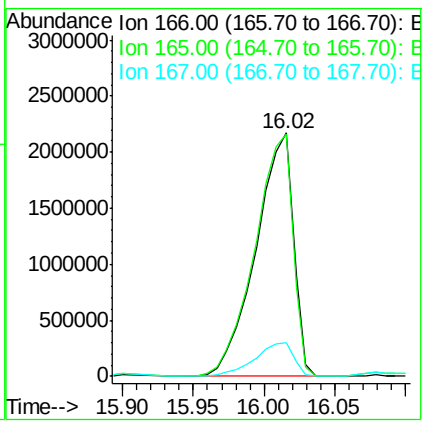


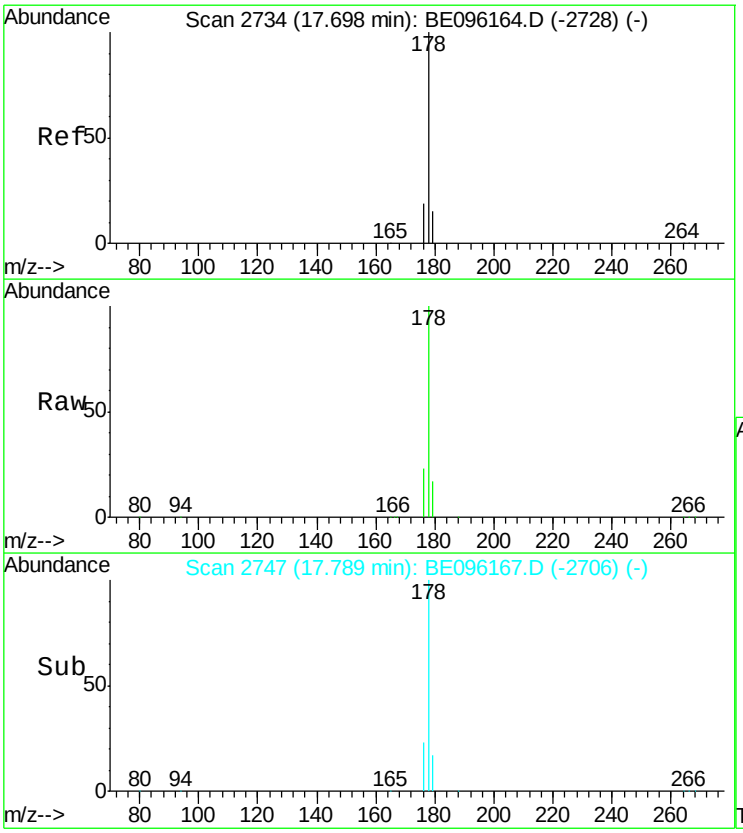
#9
Fluorene
Concen: 58.712 ng/ul
RT: 16.02 min Scan# 2495
Delta R.T. 0.04 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 4001993

Ion	Ratio	Lower	Upper
166	100		
165	99.7	73.4	110.2
167	14.0	14.6	22.0#

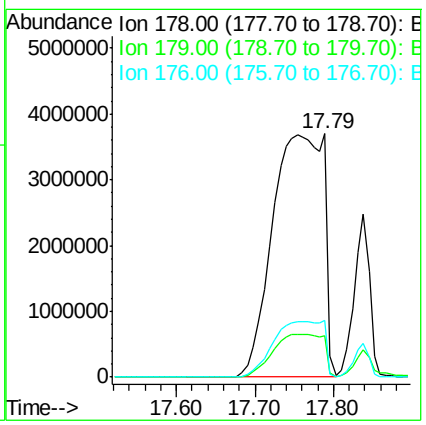


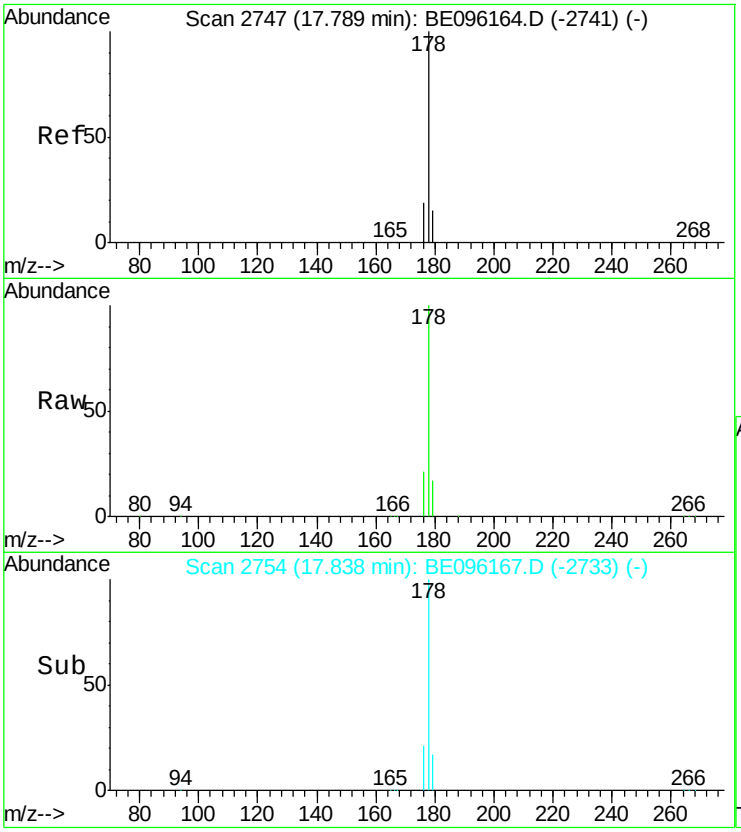


#12
Phenanthrene
Concen: 1074.887 ng/ul
RT: 17.79 min Scan# 2747
Delta R.T. 0.09 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Tgt Ion:178 Resp:16788711

Ion	Ratio	Lower	Upper
178	100		
179	16.9	18.4	27.6#
176	23.1	13.6	20.4#



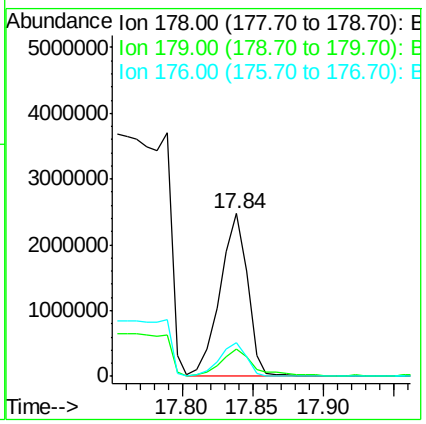


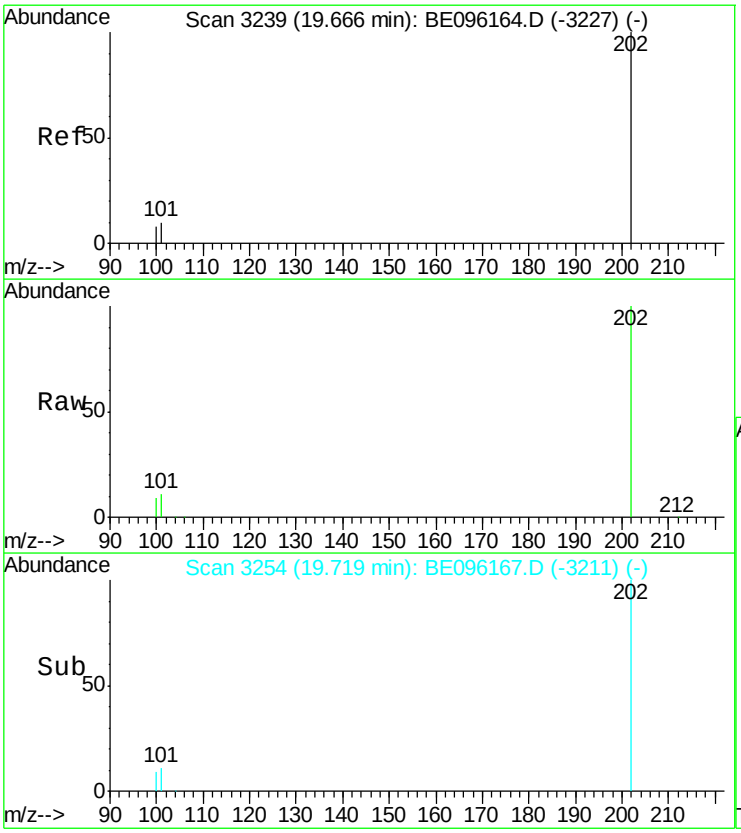
#13
Anthracene
Concen: 213.096 ng/ul
RT: 17.84 min Scan# 2754
Delta R.T. 0.05 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3339196

Ion	Ratio	Lower	Upper
178	100		
179	16.9	18.1	27.1#
176	20.9	14.7	22.1

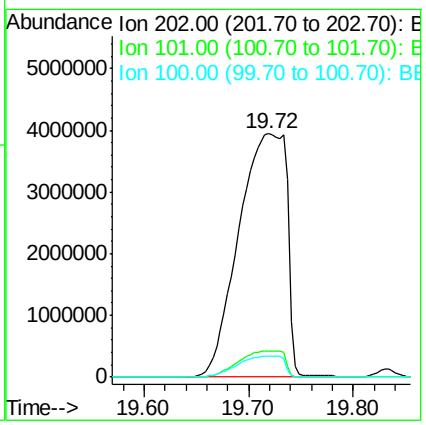


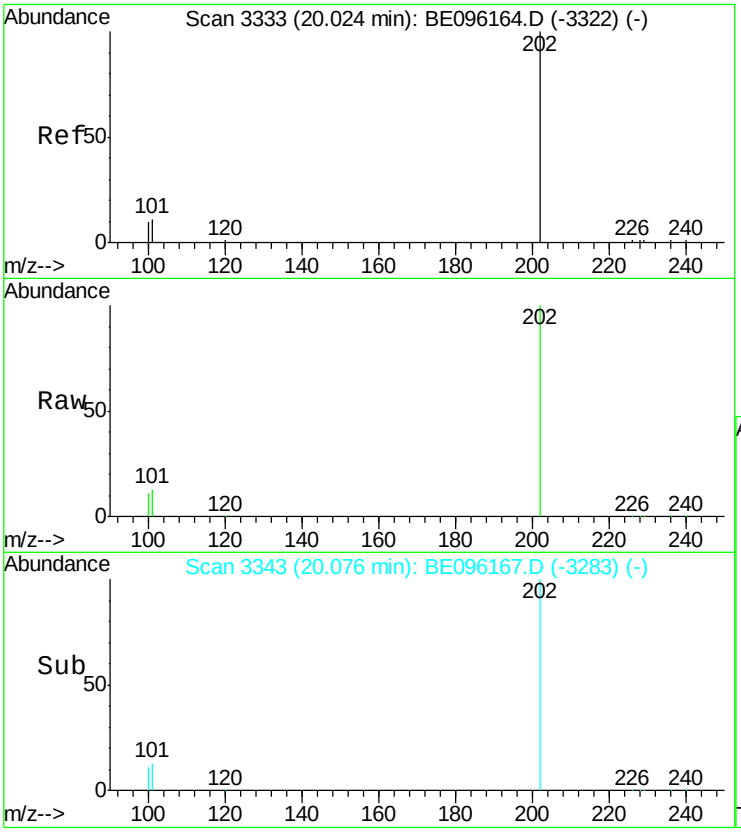


#15
Fluoranthene
Concen: 524.268 ng/ul
RT: 19.72 min Scan# 3254
Delta R.T. 0.05 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Tgt Ion:202 Resp:12516527

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
100	8.6	0.0	39.5



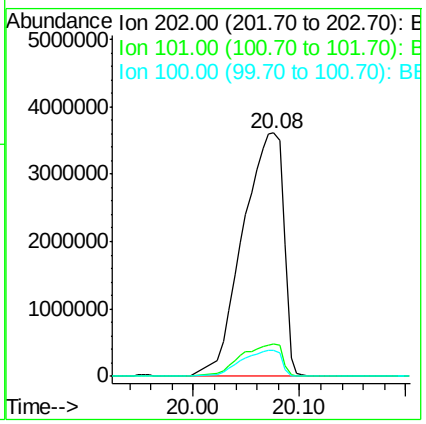


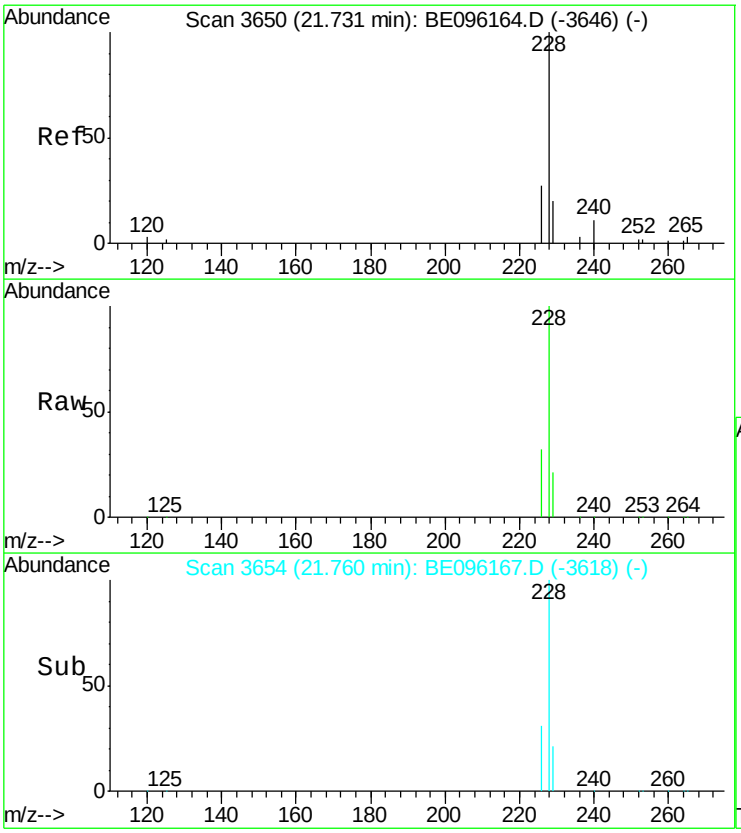
#17
Pyrene
Concen: 629.072 ng/ul
RT: 20.08 min Scan# 3343
Delta R.T. 0.05 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp:10905087

Ion	Ratio	Lower	Upper
202	100		
101	13.2	18.2	27.4#
100	10.6	15.6	23.4#

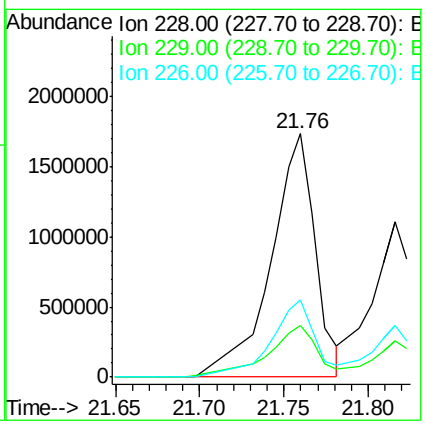


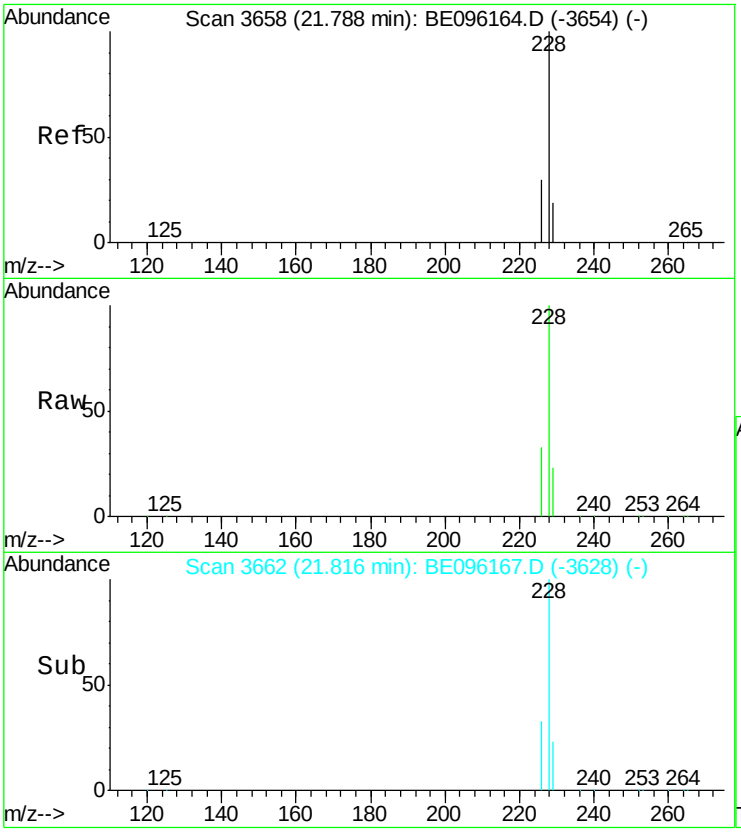


#18
Benzo(a)anthracene
Concen: 154.192 ng/ul
RT: 21.76 min Scan# 3654
Delta R.T. 0.03 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Tgt Ion:228 Resp: 4033773

Ion	Ratio	Lower	Upper
228	100		
229	21.0	22.8	34.2#
226	31.5	17.0	25.6#



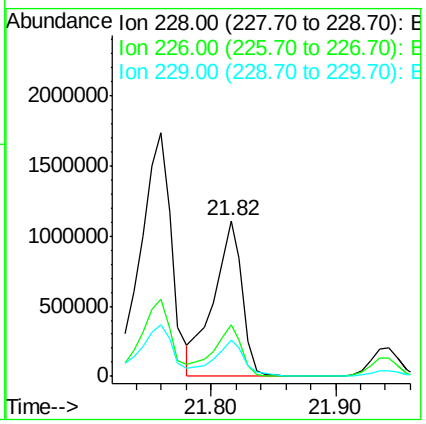


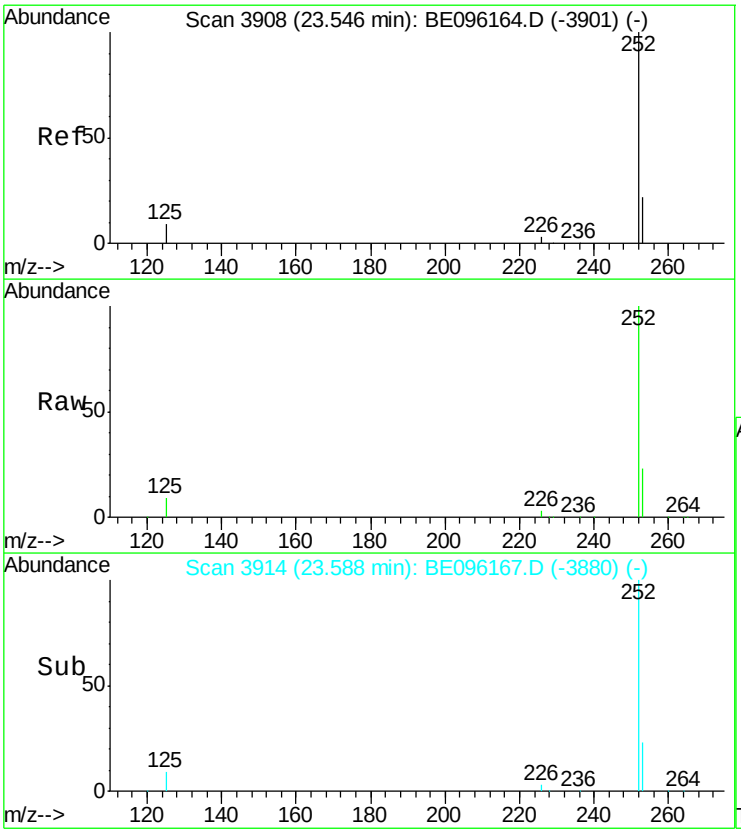
#19
Chrysene
Concen: 74.106 ng/ul
RT: 21.82 min Scan# 3662
Delta R.T. 0.03 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1781445

Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.4	35.0
229	23.5	17.7	26.5

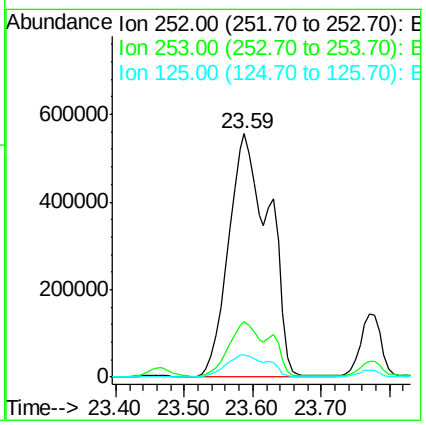


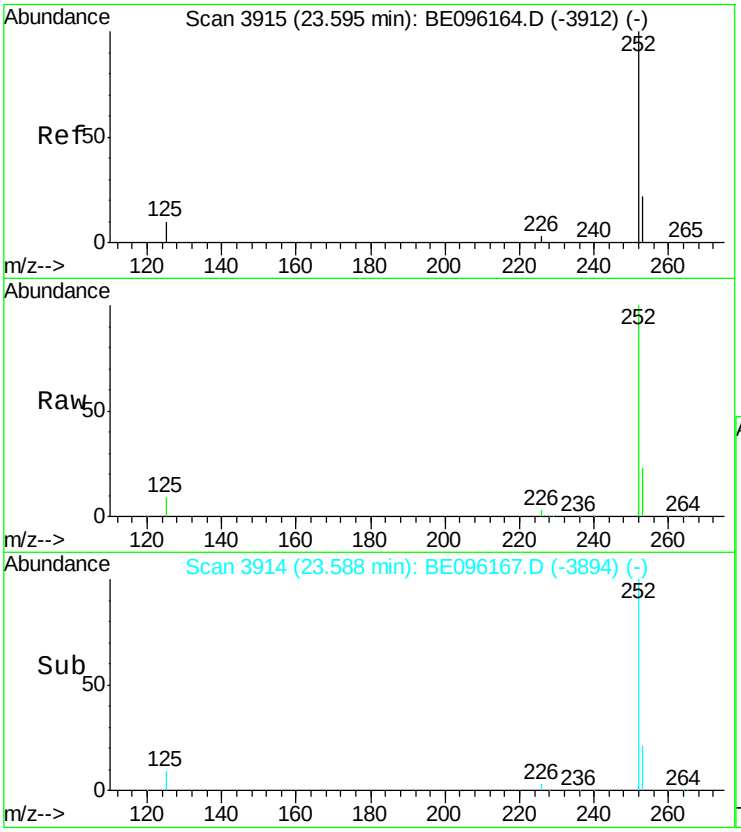


#21
Benzo(b)fluoranthene
Concen: 107.279 ng/ul
RT: 23.59 min Scan# 3914
Delta R.T. 0.04 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Tgt Ion:252 Resp: 2276427

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	64.2
125	9.2	0.0	35.0



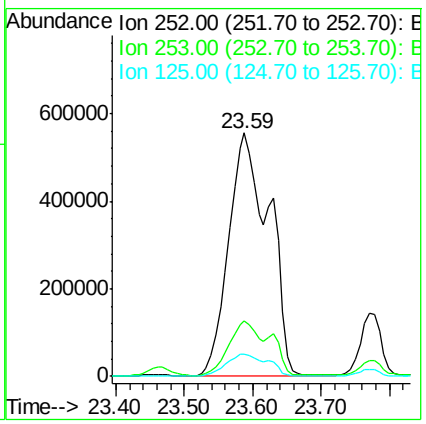


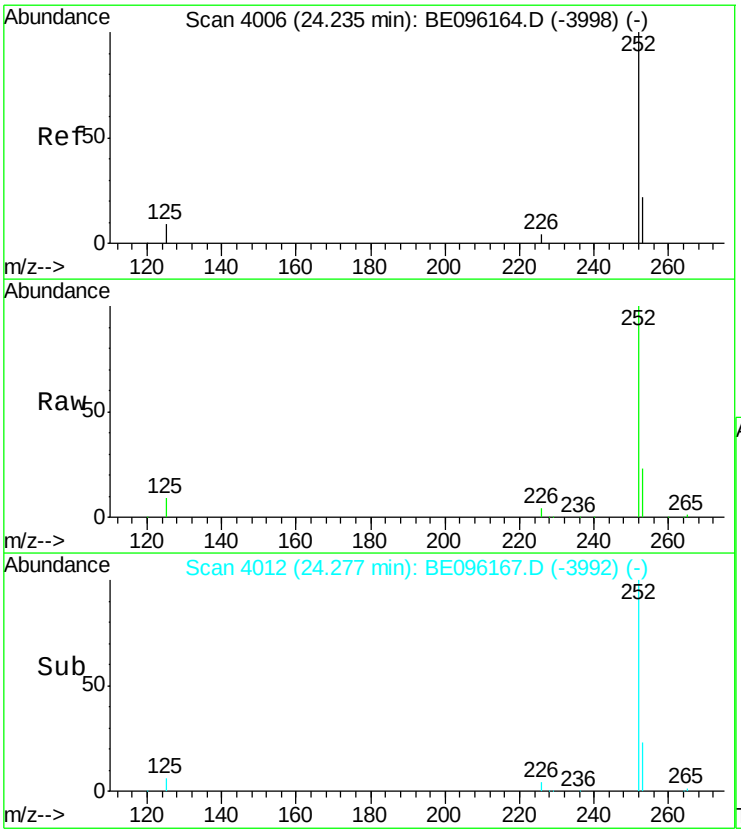
#22
Benzo(k)fluoranthene
Concen: 112.220 ng/ul
RT: 23.59 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2276427

Ion	Ratio	Lower	Upper
252	100		
253	22.8	24.5	36.7#
125	9.2	13.7	20.5#

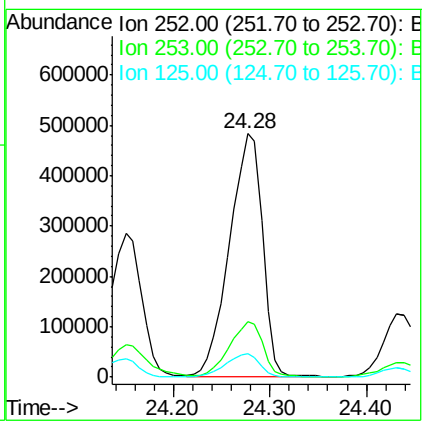


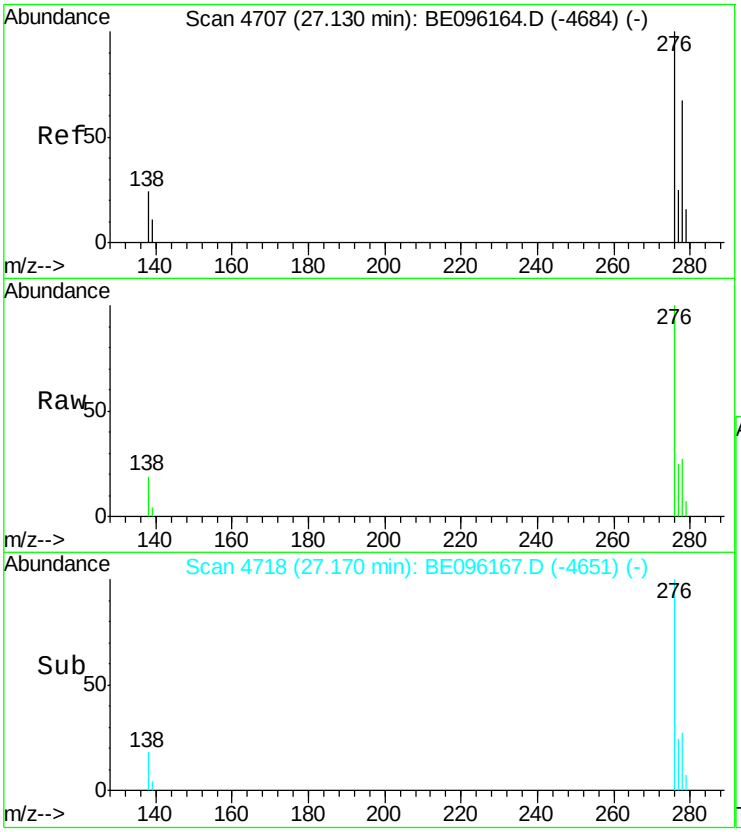


#23
Benzo(a)pyrene
Concen: 61.594 ng/ul
RT: 24.28 min Scan# 4012
Delta R.T. 0.04 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Tgt Ion:252 Resp: 1135458

Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	9.4	18.1	27.1#



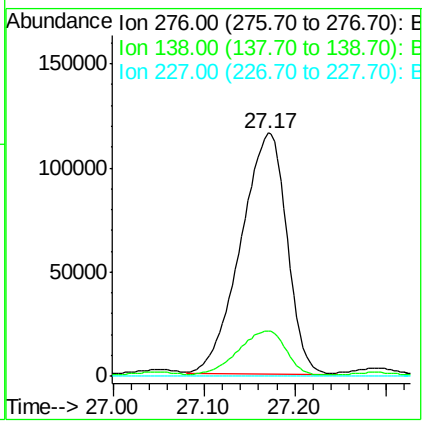


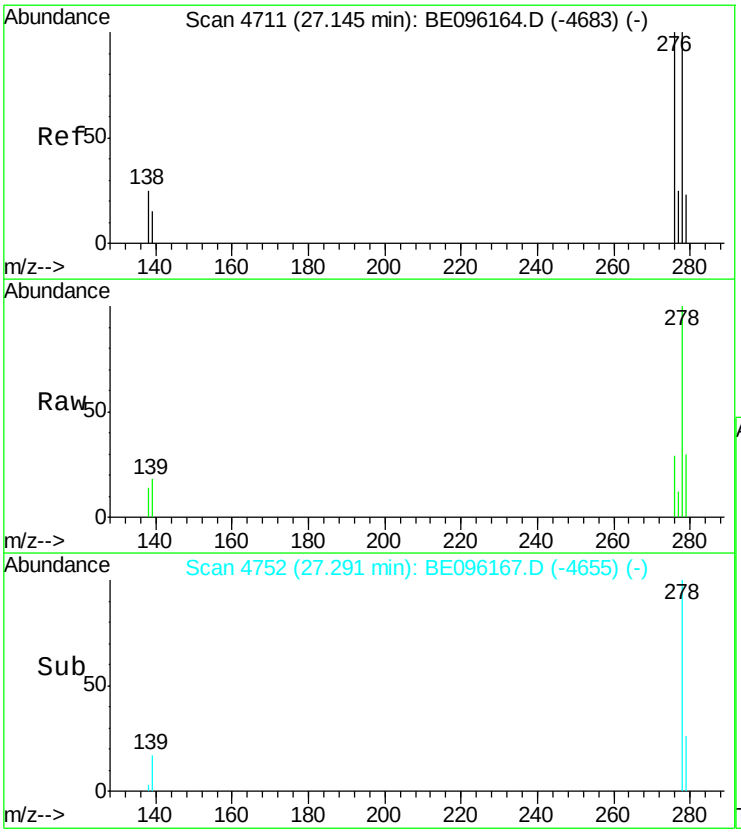
#24
Indeno(1,2,3-cd)pyrene
Concen: 16.393 ng/ul
RT: 27.17 min Scan# 4718
Delta R.T. 0.04 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 407181

Ion	Ratio	Lower	Upper
276	100		
138	19.1	28.0	42.0#
227	0.0	8.0	12.0#

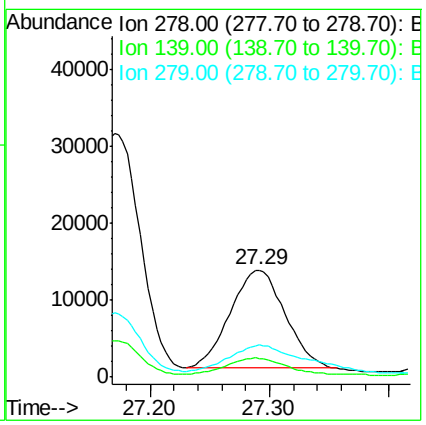


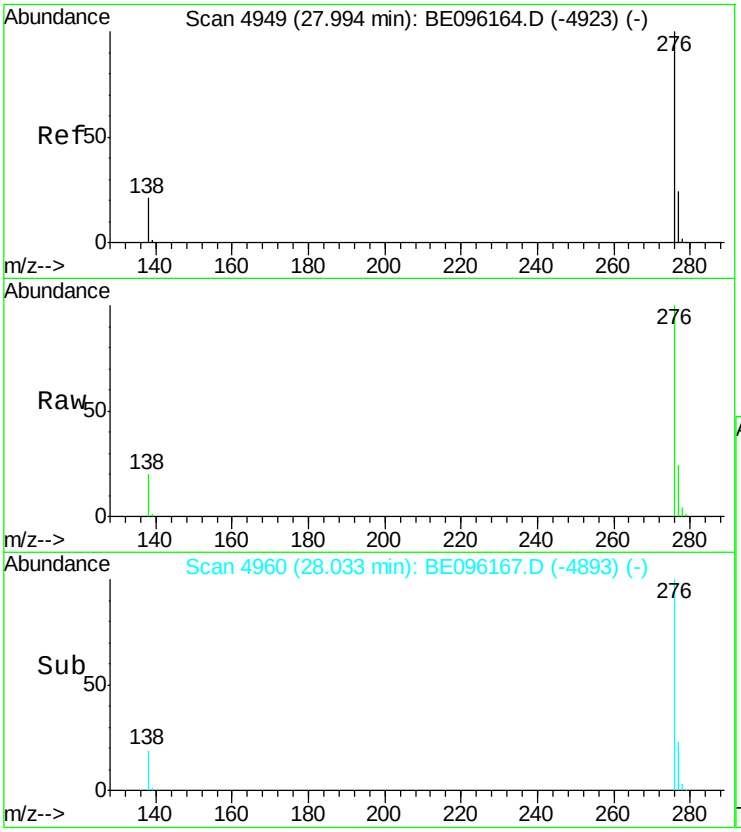


#25
Dibenzo(a,h)anthracene
Concen: 1.954 ng/ul
RT: 27.29 min Scan# 4752
Delta R.T. 0.15 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Tgt Ion:278 Resp: 40633

Ion	Ratio	Lower	Upper
278	100		
139	17.7	17.4	26.0
279	29.9	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 13.902 ng/ul
RT: 28.03 min Scan# 4960
Delta R.T. 0.04 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 300570

Ion	Ratio	Lower	Upper
276	100		
138	19.5	21.8	32.8#
277	24.0	20.5	30.7