Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
Data File : BE096065.D
Acq On : 21 Apr 2018 6:01
Operator : SJ/JU
Sample : J2434-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AD2

Quant Time: Apr 23 01:09:13 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 01:07:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2093	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5876	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3412	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7650	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	9202	0.40	ng/ul	0.00
20) Perylene-d12	24.37	264	7856	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	1237	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	3355	0.11	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.25	128	1767	0.108	ng/ul#	89
5) 2-Methylnaphthalene	12.83	142	1157	0.104	ng/ul	99
7) Acenaphthylene	14.70	152	1012	0.057	ng/ul#	87
8) Acenaphthene	15.03	153	1962	0.155	ng/ul	94
9) Fluorene	16.00	166	2098	0.146	ng/ul	89
12) Phenanthrene	17.71	178	45034	1.997	ng/ul#	88
13) Anthracene	17.80	178	9142	0.407	ng/ul#	91
15) Fluoranthene	19.68	202	104297	3.400	ng/ul	84
17) Pyrene	20.04	202	90771	2.903	ng/ul#	78
18) Benzo(a)anthracene	21.74	228	59792	1.608	ng/ul#	85
19) Chrysene	21.80	228	53041	1.982	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	99351	3.908	ng/ul	84
22) Benzo(k)fluoranthene	23.57	252	99351	3.923	ng/ul#	86
23) Benzo(a)pyrene	24.26	252	50480	2.058	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.16	276	33758	1.238	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.17	278	8995	0.410	ng/ul	93
26) Benzo(g,h,i)perylene	28.04	276	32931	1.446	ng/ul#	92

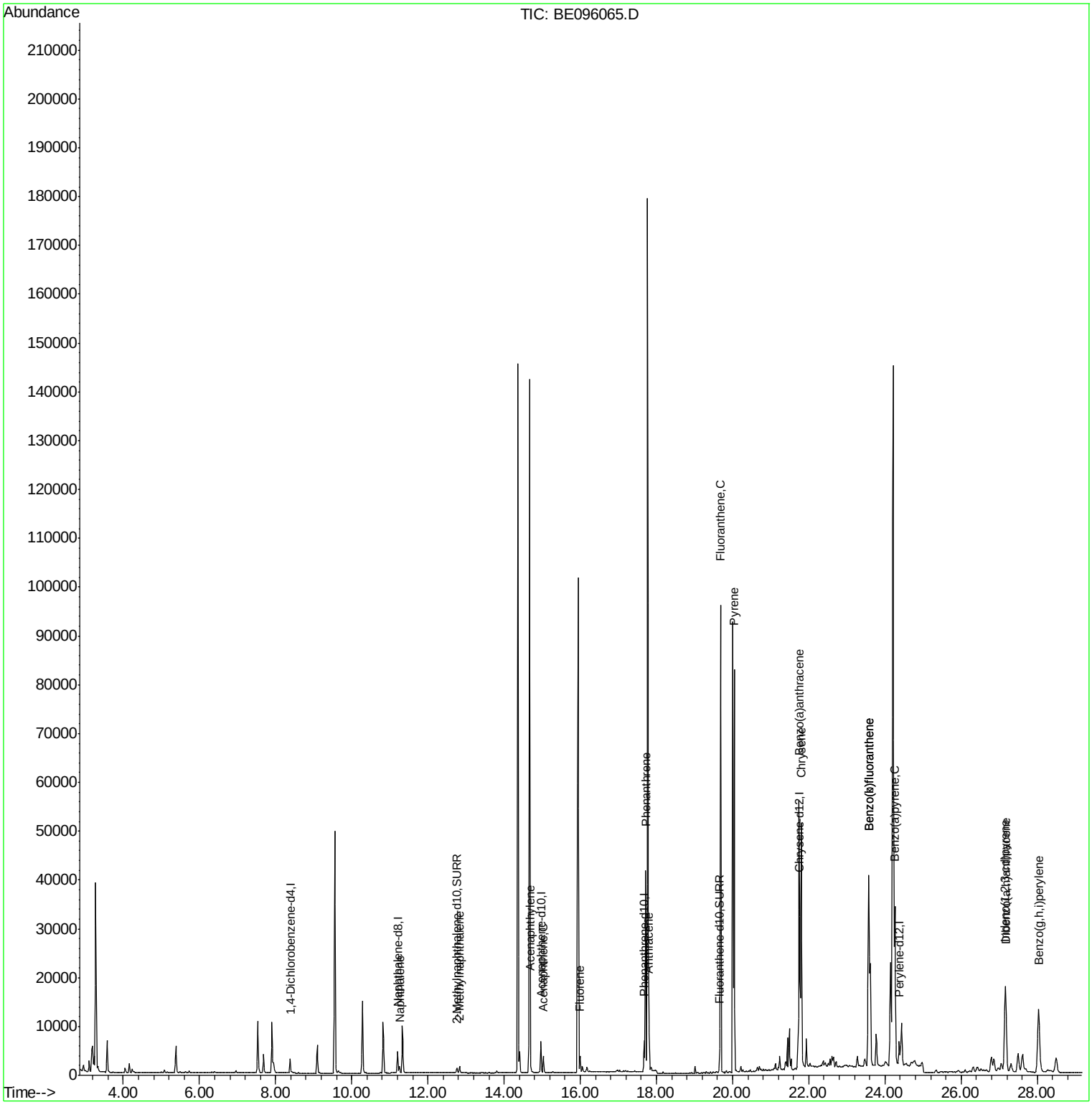
(#) = qualifier out of range (m) = manual integration (+) = signals summed

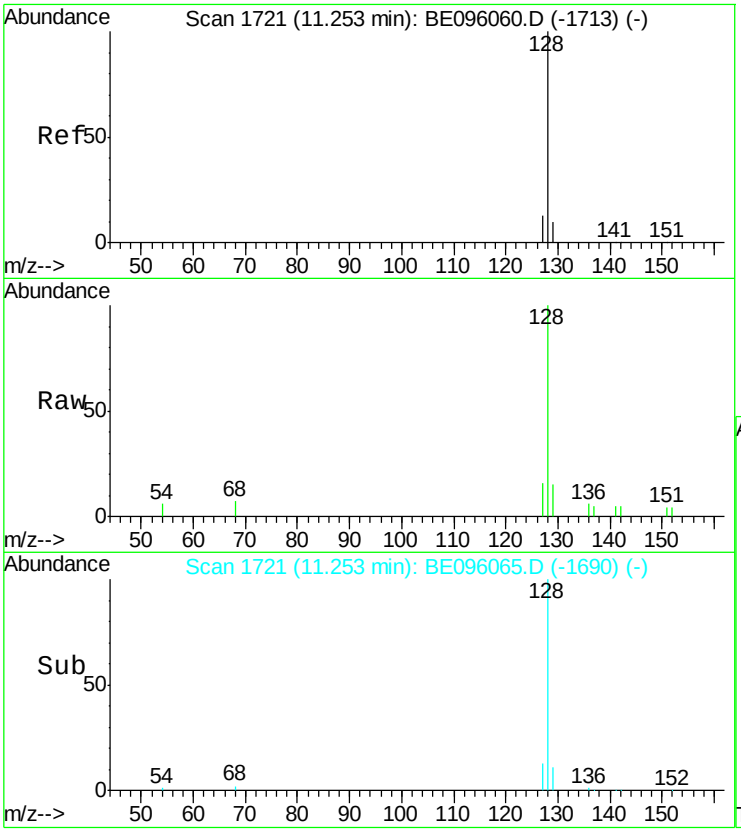
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
Data File : BE096065.D
Acq On : 21 Apr 2018 6:01
Operator : SJ/JU
Sample : J2434-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD2

Quant Time: Apr 23 01:09:13 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 01:07:45 2018
Response via : Initial Calibration



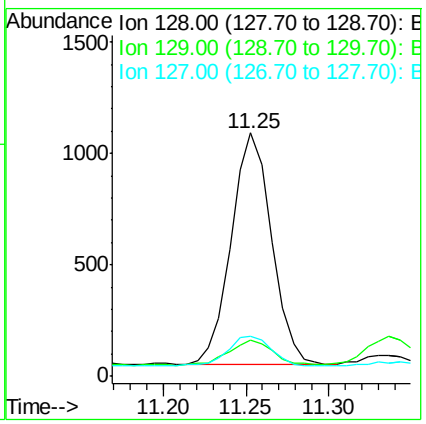


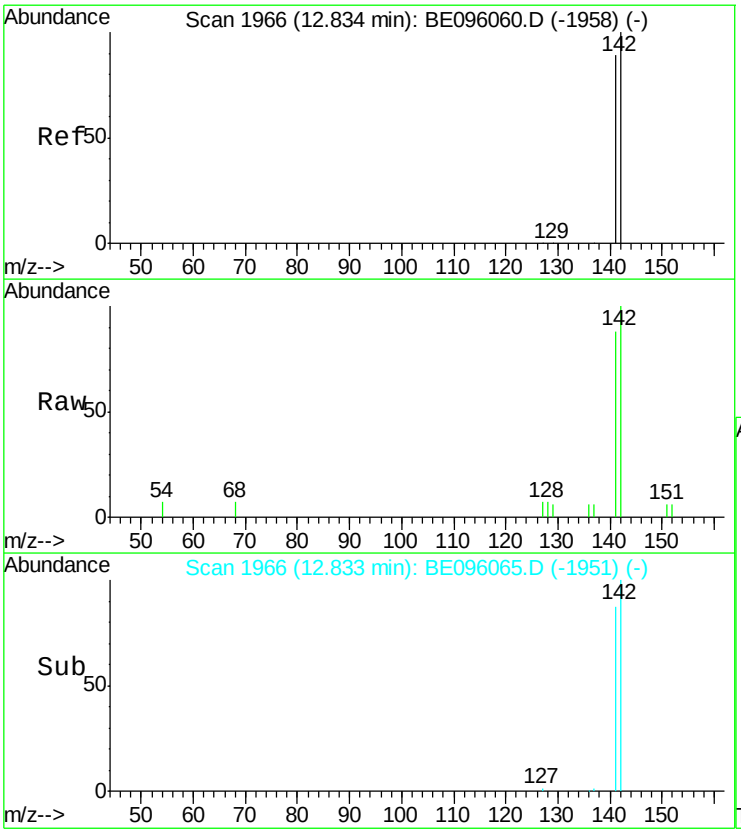
#3
Naphthalene
Concen: 0.108 ng/ul
RT: 11.25 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Instrument :
BNA_E
ClientSampleId :
C0AD2

Tgt Ion:128 Resp: 1767

Ion	Ratio	Lower	Upper
128	100		
129	15.0	11.3	16.9
127	16.5	4.0	6.0#

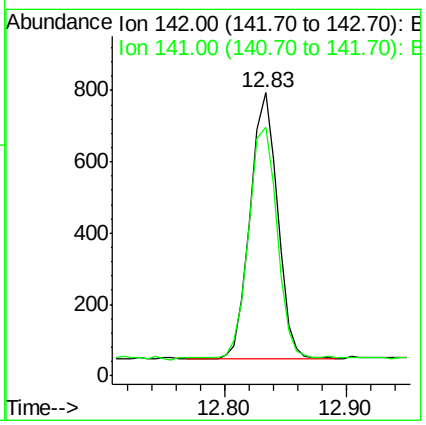


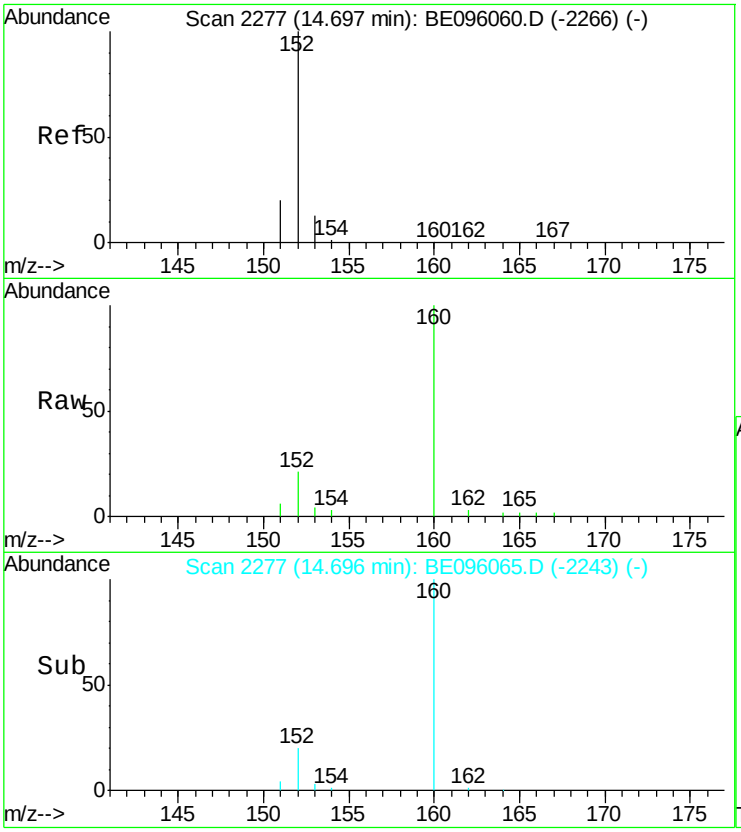


#5
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.83 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Tgt Ion:142 Resp: 1157

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	108.8



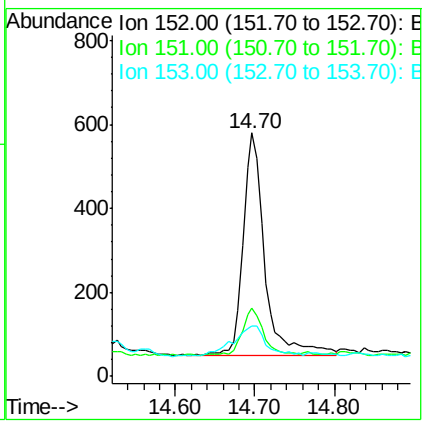


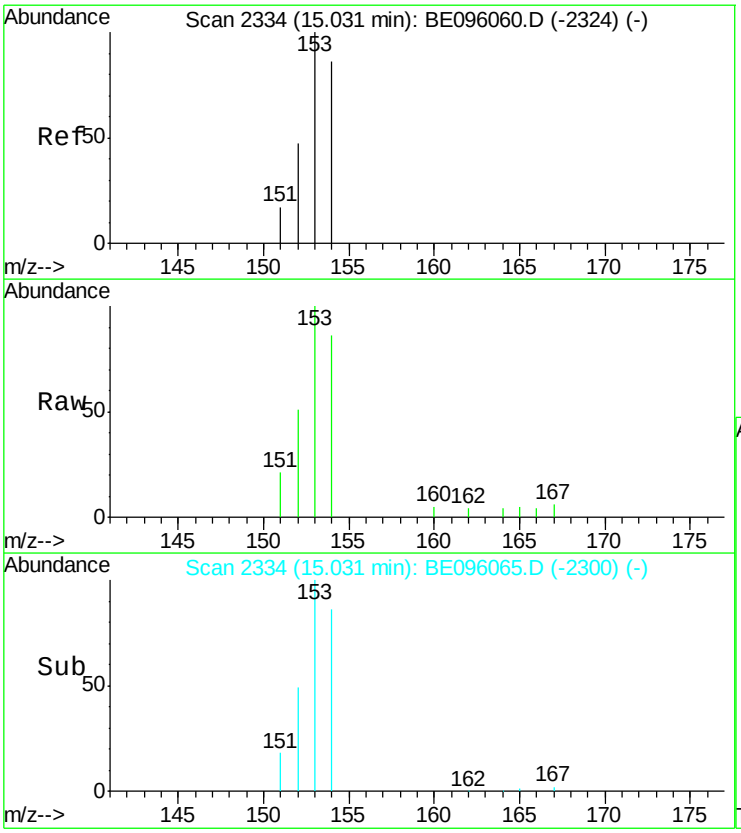
#7
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.70 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Instrument :
BNA_E
ClientSampleId :
C0AD2

Tgt Ion:152 Resp: 1012

Ion	Ratio	Lower	Upper
152	100		
151	27.9	17.1	25.7#
153	20.9	12.8	19.2#

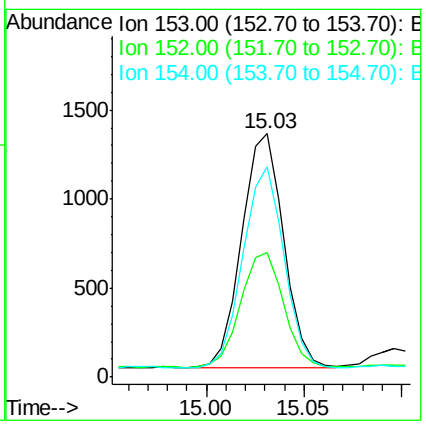


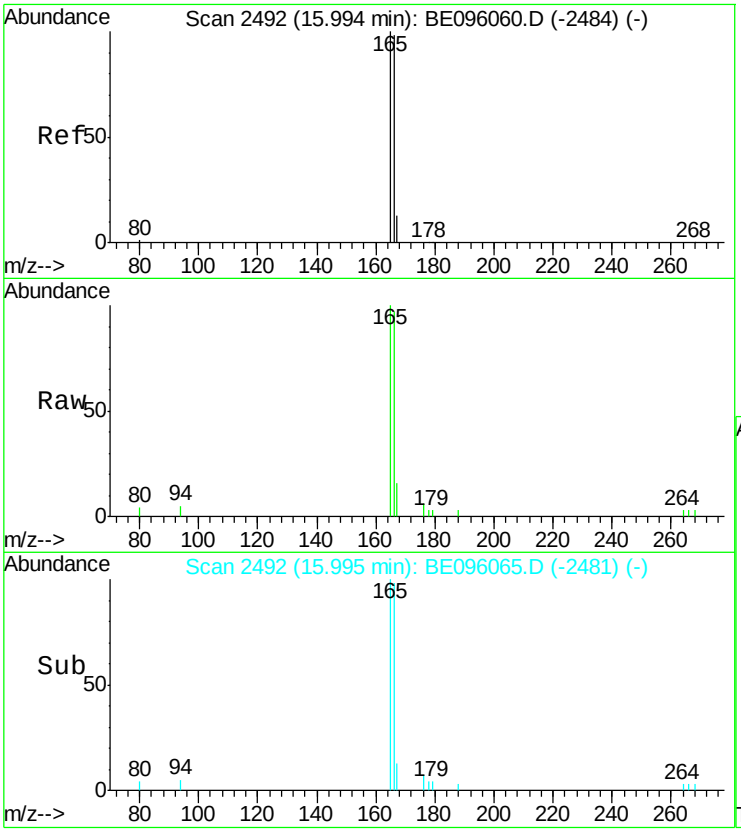


#8
Acenaphthene
Concen: 0.155 ng/ul
RT: 15.03 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Tgt Ion:153 Resp: 1962

Ion	Ratio	Lower	Upper
153	100		
152	51.0	36.0	54.0
154	86.4	72.0	108.0



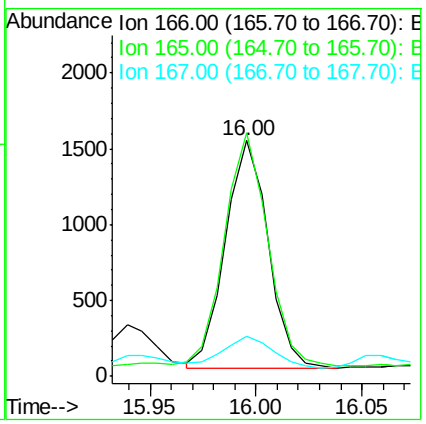


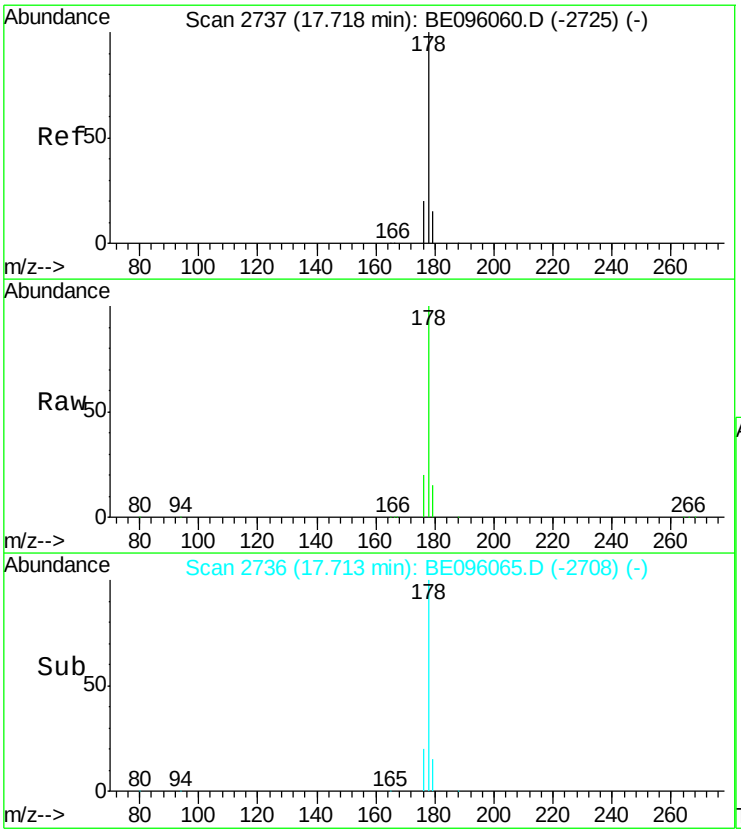
#9
Fluorene
Concen: 0.146 ng/ul
RT: 16.00 min Scan# 2492
Delta R.T. 0.00 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Instrument :
BNA_E
ClientSampleId :
C0AD2

Tgt Ion:166 Resp: 2098

Ion	Ratio	Lower	Upper
166	100		
165	103.4	73.4	110.2
167	16.9	14.6	22.0

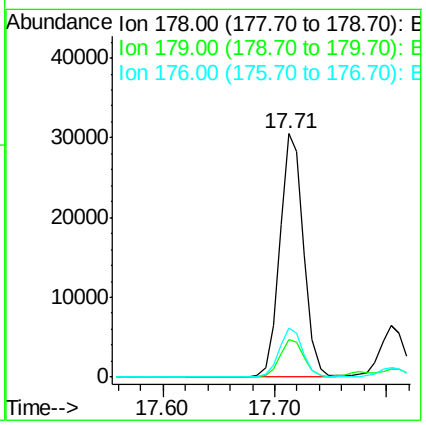


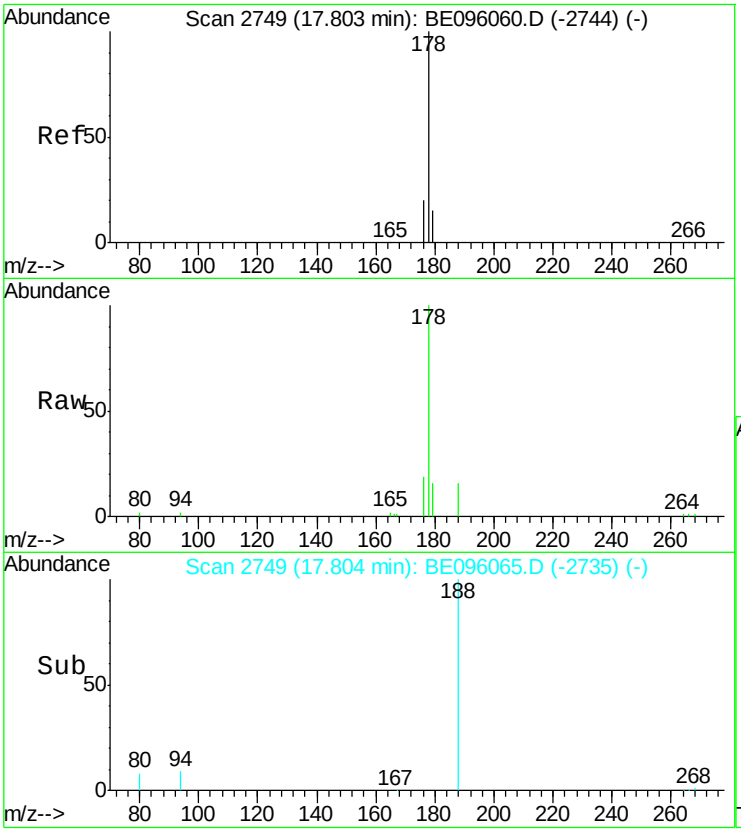


#12
Phenanthrene
Concen: 1.997 ng/ul
RT: 17.71 min Scan# 2736
Delta R.T. -0.01 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Tgt Ion:178 Resp: 45034

Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6#
176	20.2	13.6	20.4



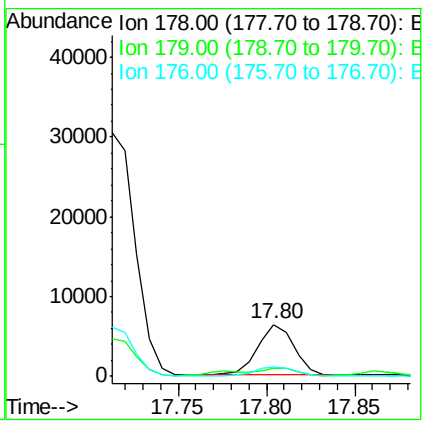


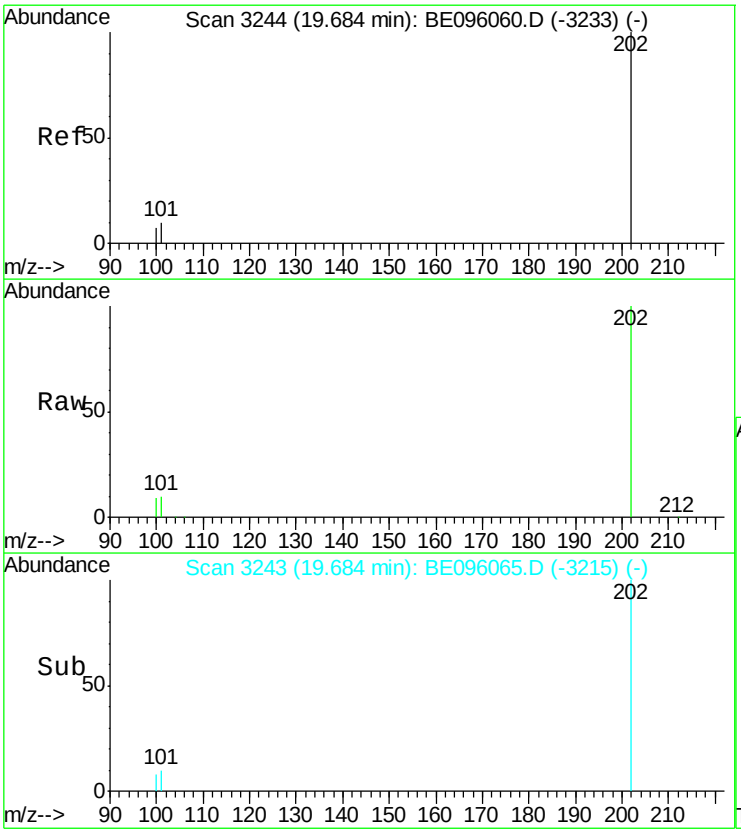
#13
Anthracene
Concen: 0.407 ng/ul
RT: 17.80 min Scan# 2749
Delta R.T. 0.00 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Instrument :
BNA_E
ClientSampleId :
C0AD2

Tgt Ion:178 Resp: 9142

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	19.3	14.7	22.1

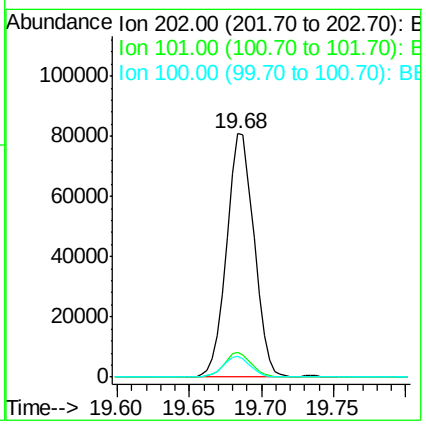


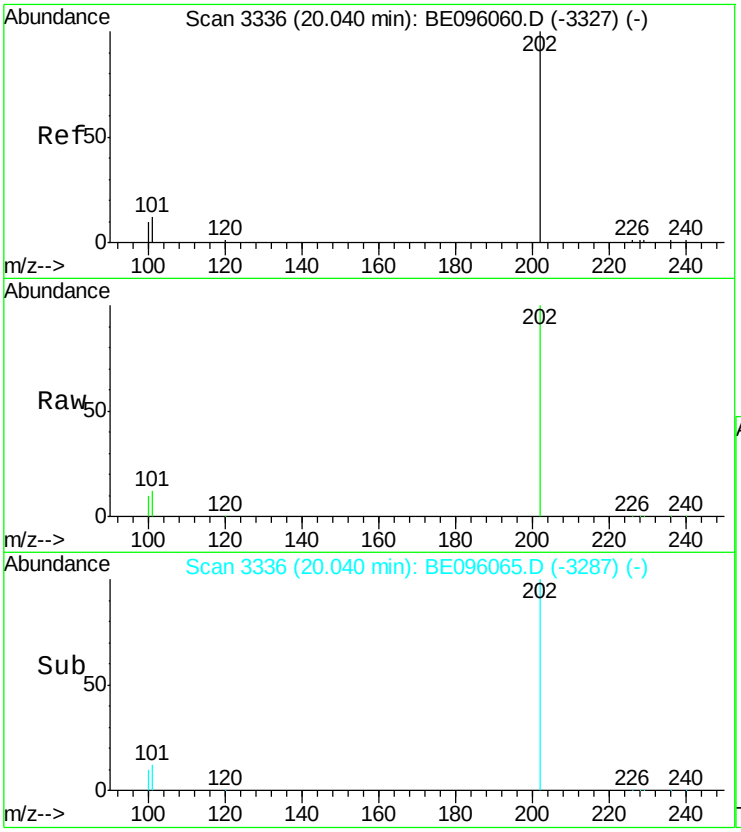


#15
Fluoranthene
Concen: 3.400 ng/ul
RT: 19.68 min Scan# 3243
Delta R.T. -0.00 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Tgt Ion:202 Resp: 104297

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
100	8.5	0.0	39.5



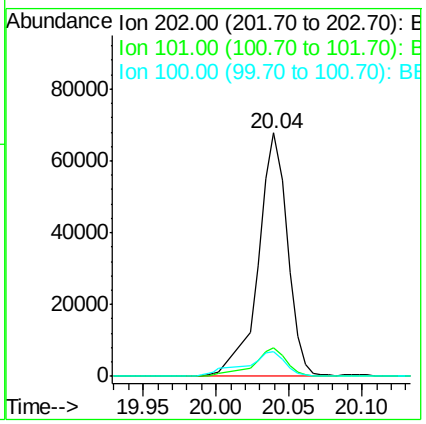


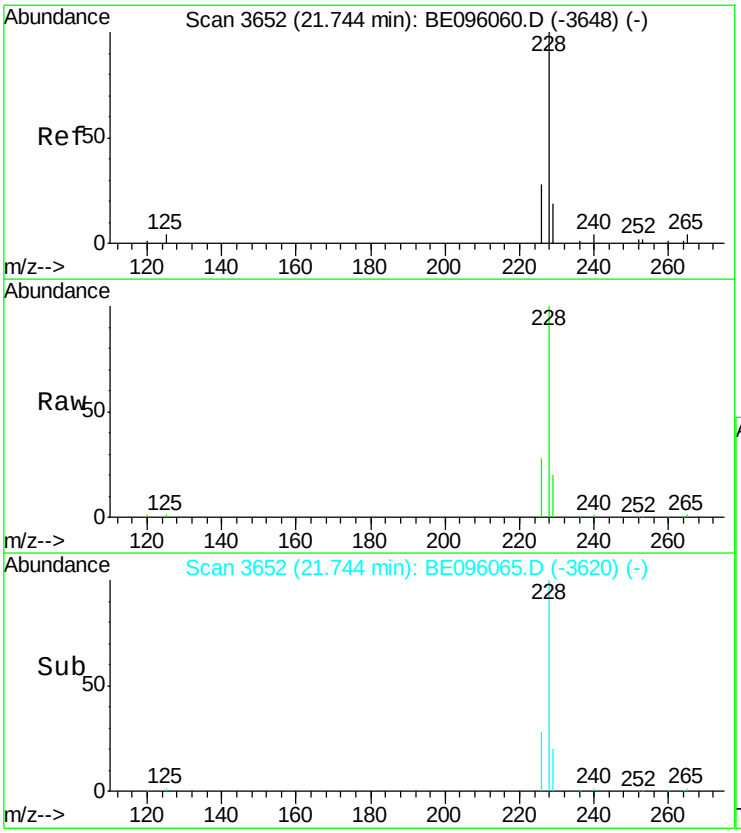
#17
Pyrene
Concen: 2.903 ng/ul
RT: 20.04 min Scan# 3336
Delta R.T. -0.00 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Instrument :
BNA_E
ClientSampleId :
C0AD2

Tgt Ion:202 Resp: 90771

Ion	Ratio	Lower	Upper
202	100		
101	11.6	18.2	27.4#
100	10.2	15.6	23.4#

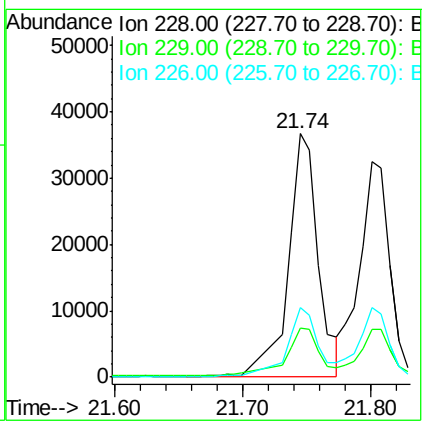


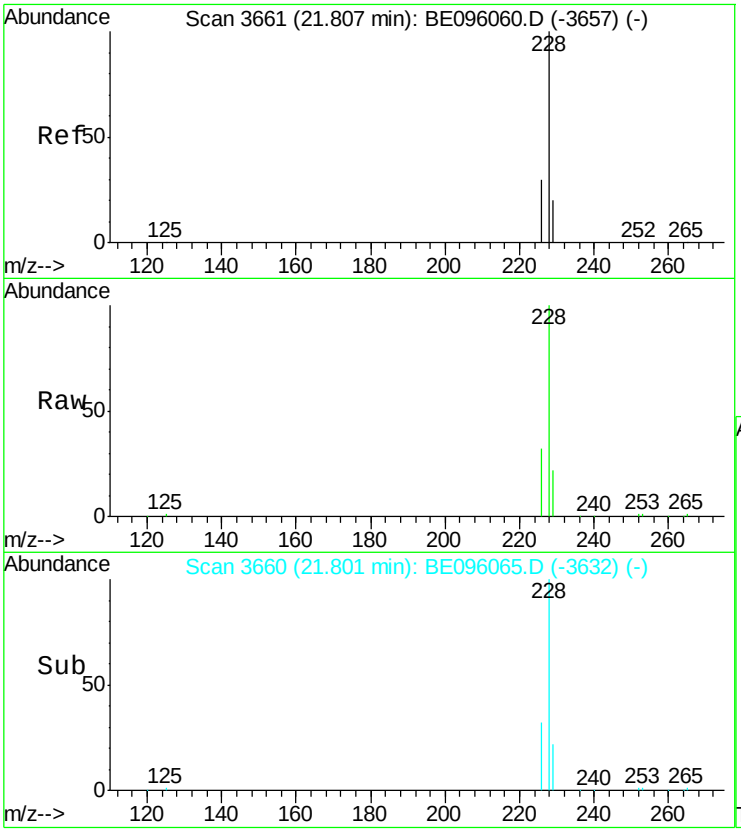


#18
Benzo(a)anthracene
Concen: 1.608 ng/ul
RT: 21.74 min Scan# 3652
Delta R.T. 0.00 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Tgt Ion:228 Resp: 59792

Ion	Ratio	Lower	Upper
228	100		
229	20.3	22.8	34.2#
226	28.4	17.0	25.6#



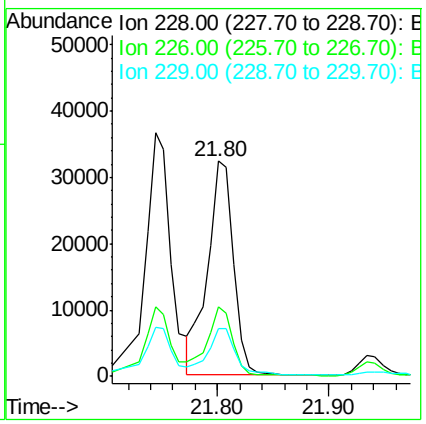


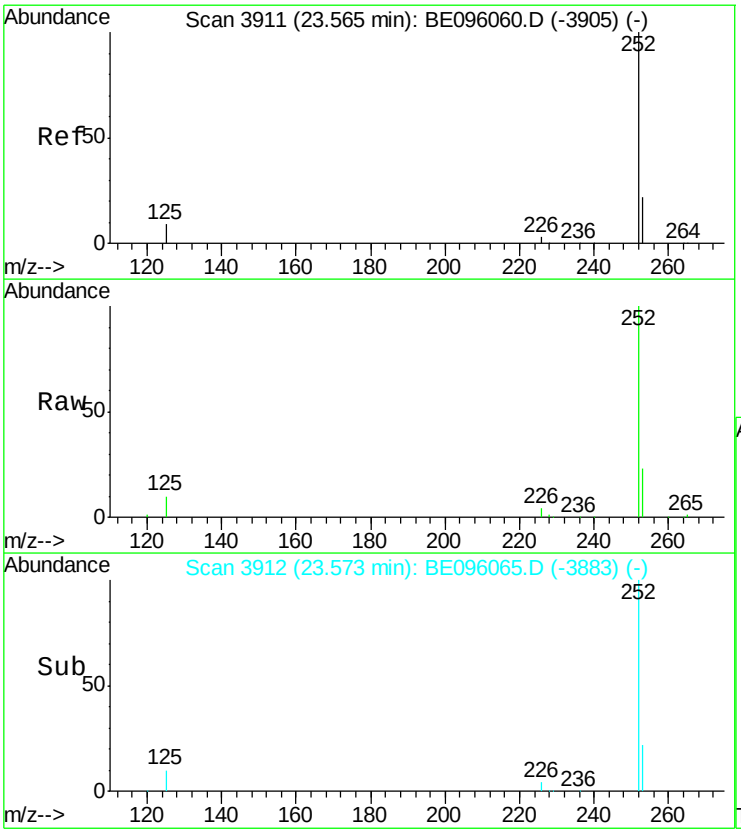
#19
Chrysene
Concen: 1.982 ng/ul
RT: 21.80 min Scan# 3660
Delta R.T. -0.01 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Instrument :
BNA_E
ClientSampleId :
C0AD2

Tgt Ion:228 Resp: 53041

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.4	35.0
229	22.1	17.7	26.5

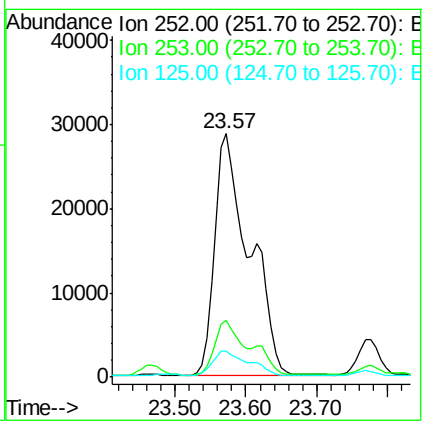


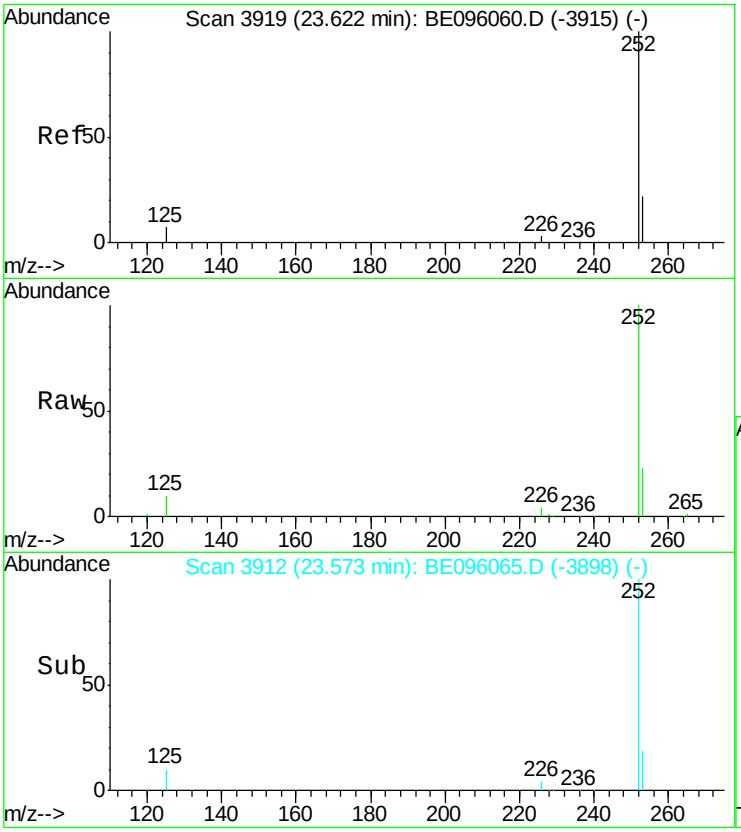


#21
Benzo(b)fluoranthene
Concen: 3.908 ng/ul
RT: 23.57 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Tgt Ion:252 Resp: 99351

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	64.2
125	10.4	0.0	35.0



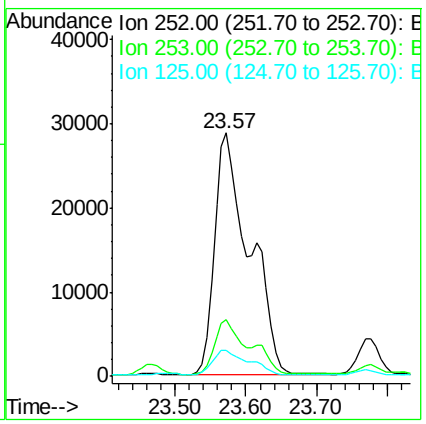


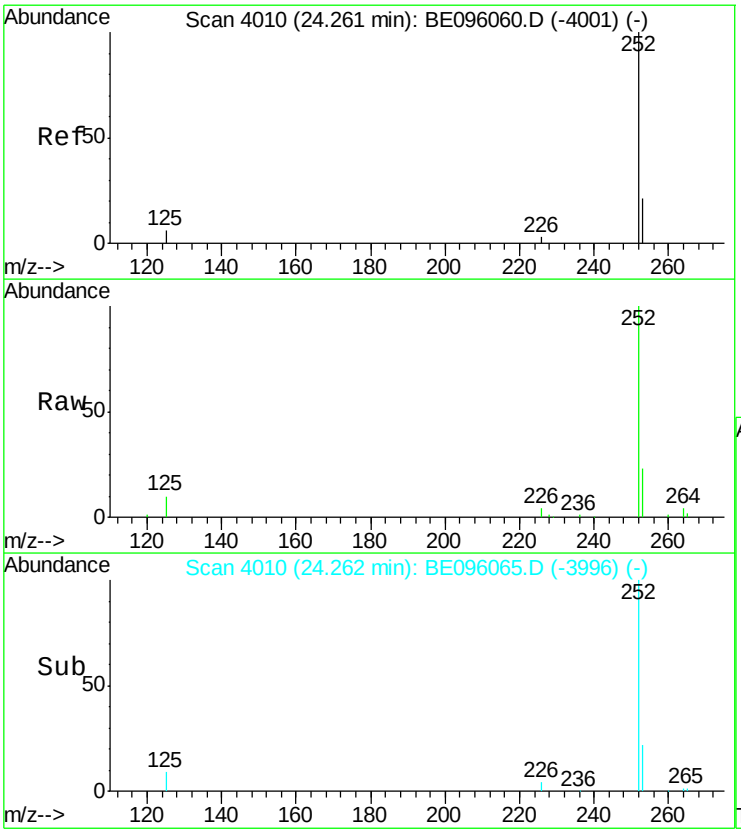
#22
Benzo(k)fluoranthene
Concen: 3.923 ng/ul
RT: 23.57 min Scan# 3912
Delta R.T. -0.05 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Instrument :
BNA_E
ClientSampleId :
C0AD2

Tgt Ion:252 Resp: 99351

Ion	Ratio	Lower	Upper
252	100		
253	23.1	24.5	36.7#
125	10.4	13.7	20.5#

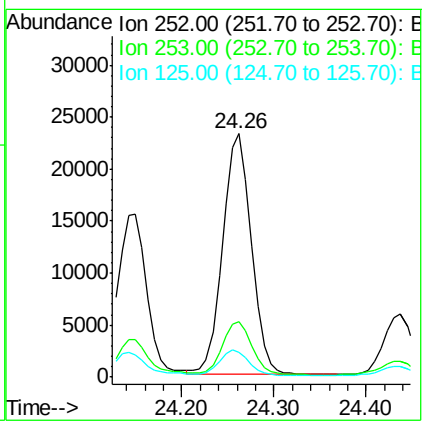


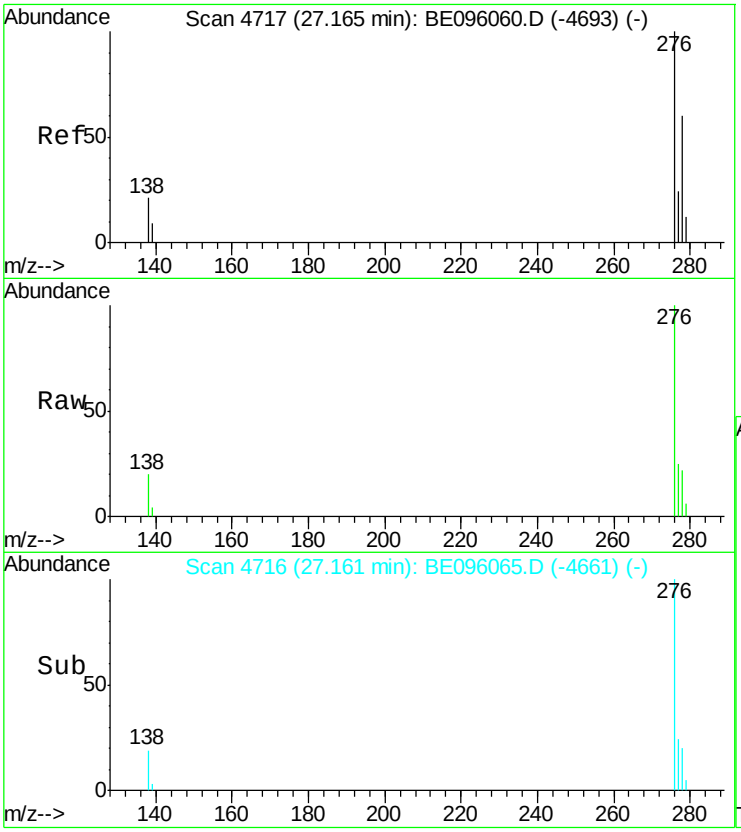


#23
Benzo(a)pyrene
Concen: 2.058 ng/ul
RT: 24.26 min Scan# 4010
Delta R.T. 0.00 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Tgt Ion:252 Resp: 50480

Ion	Ratio	Lower	Upper
252	100		
253	23.0	28.5	42.7#
125	10.4	18.1	27.1#



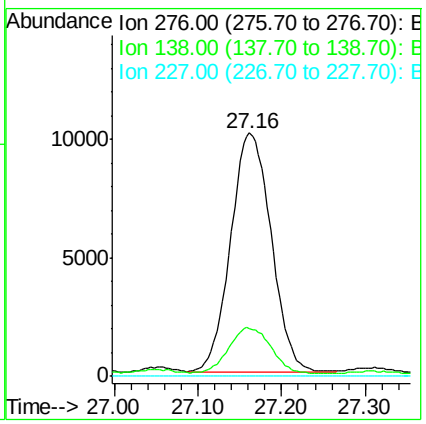


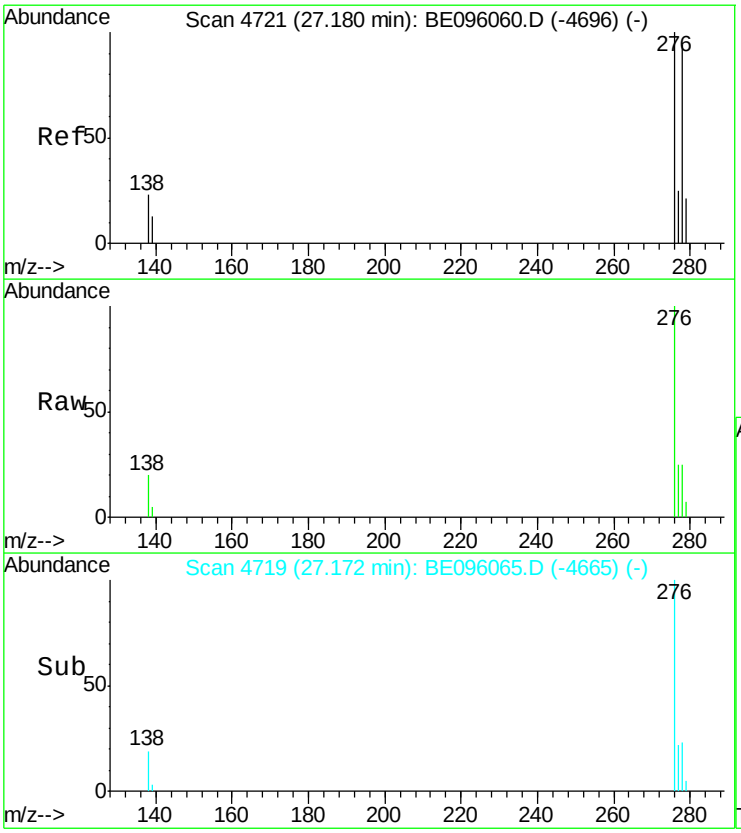
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.238 ng/ul
RT: 27.16 min Scan# 4716
Delta R.T. -0.00 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Instrument :
BNA_E
ClientSampleId :
C0AD2

Tgt Ion:276 Resp: 33758

Ion	Ratio	Lower	Upper
276	100		
138	20.0	28.0	42.0#
227	0.0	8.0	12.0#

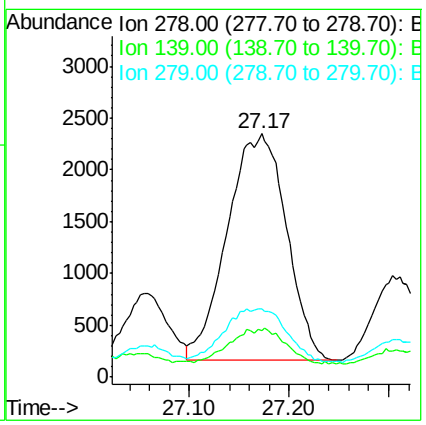


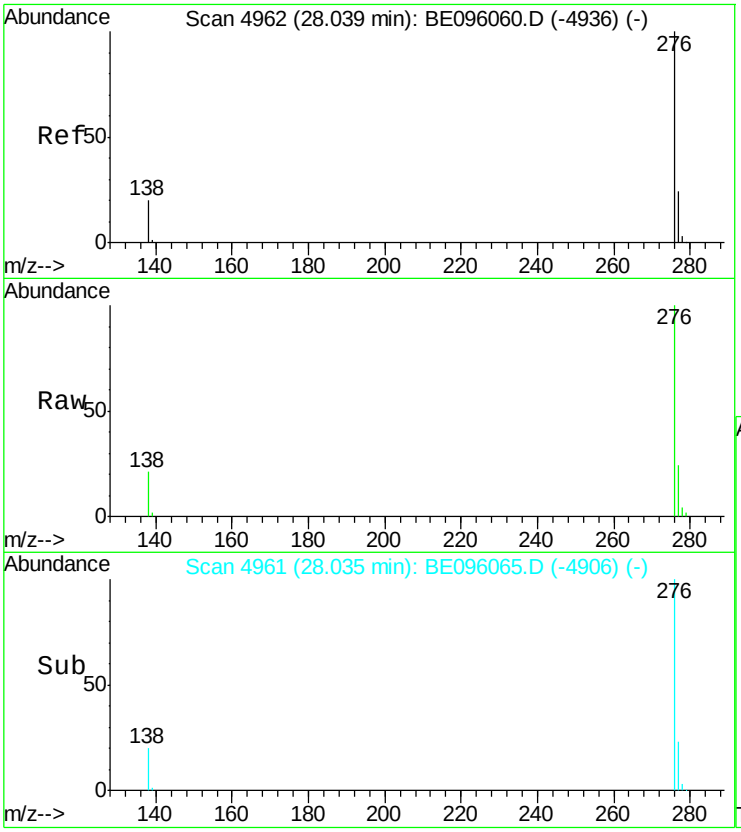


#25
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 27.17 min Scan# 4719
Delta R.T. -0.01 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Tgt Ion:278 Resp: 8995

Ion	Ratio	Lower	Upper
278	100		
139	19.3	17.4	26.0
279	28.2	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 1.446 ng/ul
RT: 28.04 min Scan# 4961
Delta R.T. -0.00 min
Lab File: BE096065.D
Acq: 21 Apr 2018 6:01

Instrument :
BNA_E
ClientSampleId :
C0AD2

Tgt Ion:276 Resp: 32931

Ion	Ratio	Lower	Upper
276	100		
138	20.5	21.8	32.8#
277	24.4	20.5	30.7