Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096082.D
Acq On : 23 Apr 2018 13:23
Operator : SJ/JU
Sample : J2355-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 24 05:22:24 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 05:21:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1883	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5213	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2892	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6277	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7773	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	6315	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	3184	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	8331	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.25	128	7540	0.518	ng/ul#	89
5) 2-Methylnaphthalene	12.83	142	1815	0.184	ng/ul	100
7) Acenaphthylene	14.70	152	2882	0.192	ng/ul	97
8) Acenaphthene	15.03	153	6313	0.587	ng/ul	96
9) Fluorene	15.99	166	2790	0.230	ng/ul	91
11) Pentachlorophenol	17.33	266	368	0.277	ng/ul	98
12) Phenanthrene	17.71	178	39380	2.129	ng/ul#	88
13) Anthracene	17.80	178	6249	0.339	ng/ul#	91
15) Fluoranthene	19.69	202	72834	2.893	ng/ul	82
17) Pyrene	20.04	202	71884	2.722	ng/ul#	77
18) Benzo(a)anthracene	21.75	228	34382	1.095	ng/ul#	85
19) Chrysene	21.80	228	31011	1.372	ng/ul	96
21) Benzo(b)fluoranthene	23.57	252	54797	2.682	ng/ul	87
22) Benzo(k)fluoranthene	23.57	252	54797	2.692	ng/ul#	89
23) Benzo(a)pyrene	24.26	252	28420	1.441	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.17	276	20121	0.918	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.17	278	4930	0.279	ng/ul	96
26) Benzo(g,h,i)perylene	28.04	276	15560	0.850	ng/ul	94

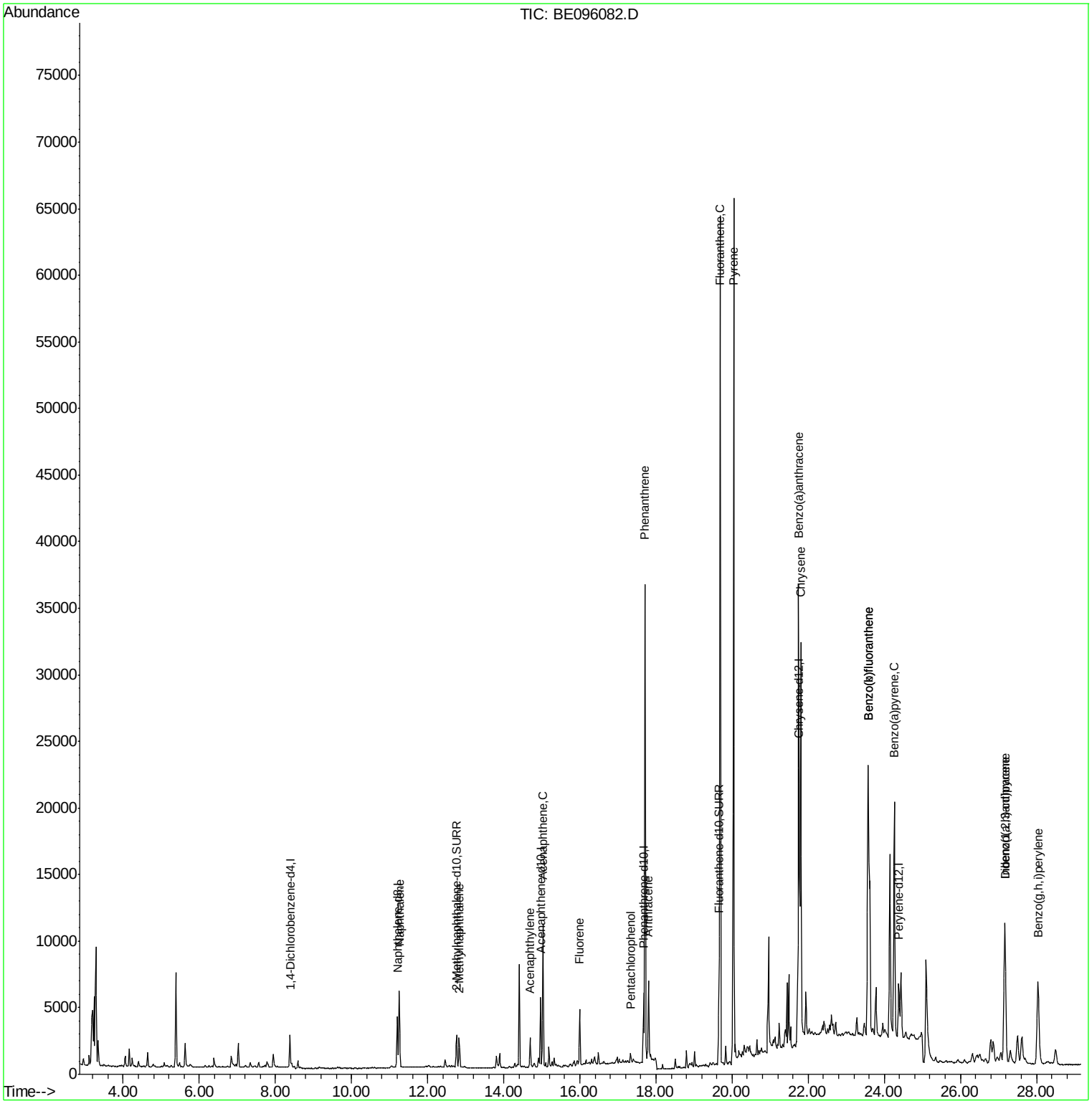
(#) = qualifier out of range (m) = manual integration (+) = signals summed

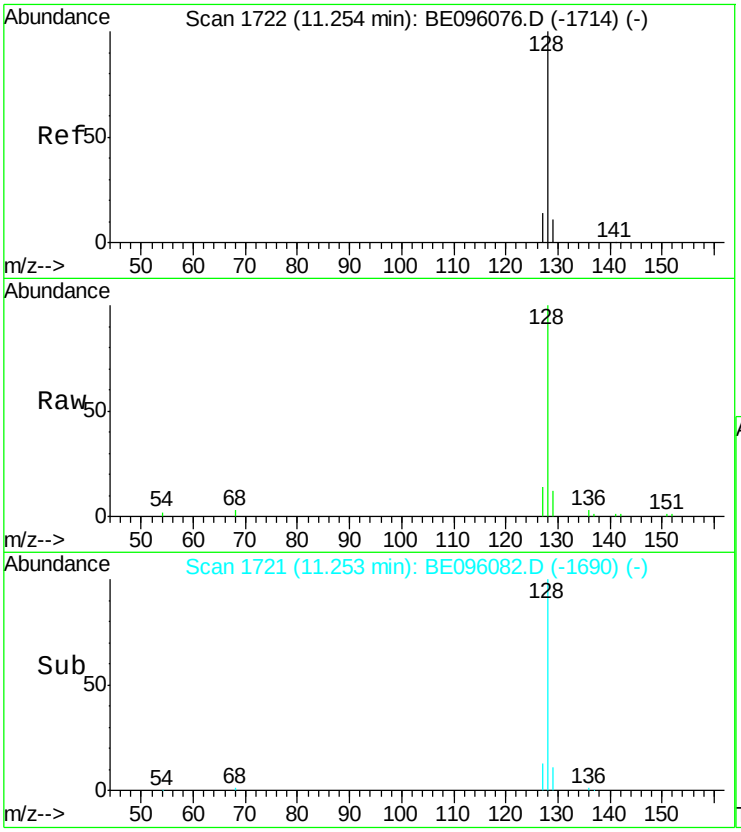
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096082.D
Acq On : 23 Apr 2018 13:23
Operator : SJ/JU
Sample : J2355-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 24 05:22:24 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 05:21:12 2018
Response via : Initial Calibration



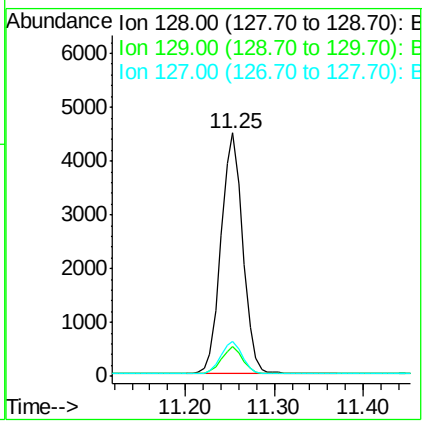


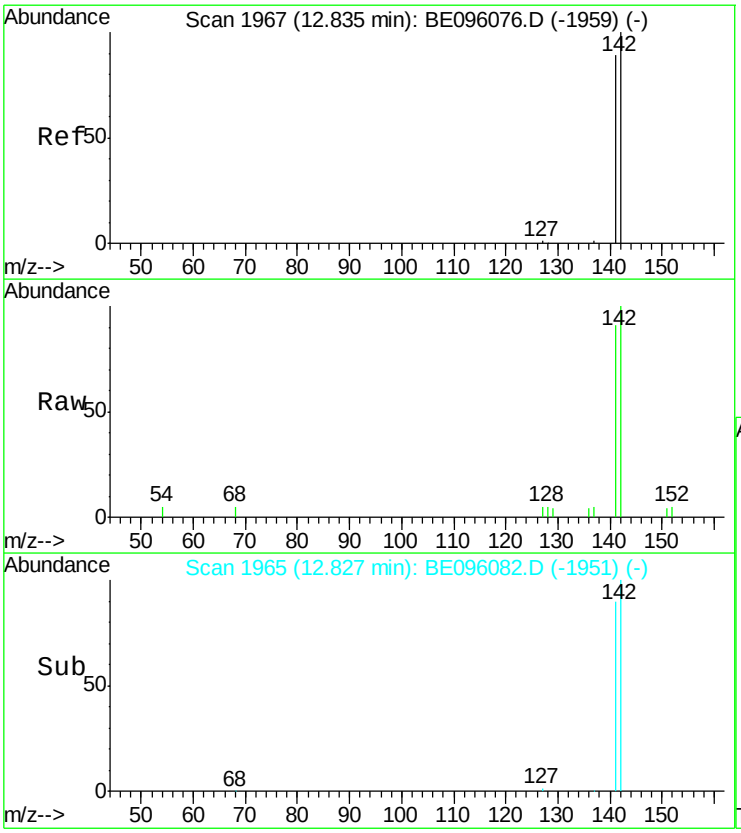
#3
Naphthalene
Concen: 0.518 ng/ul
RT: 11.25 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 7540

Ion	Ratio	Lower	Upper
128	100		
129	12.2	11.3	16.9
127	14.2	4.0	6.0#

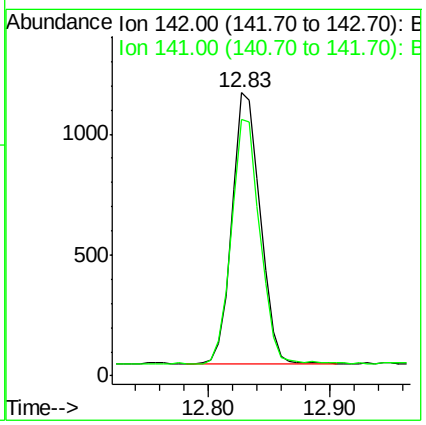


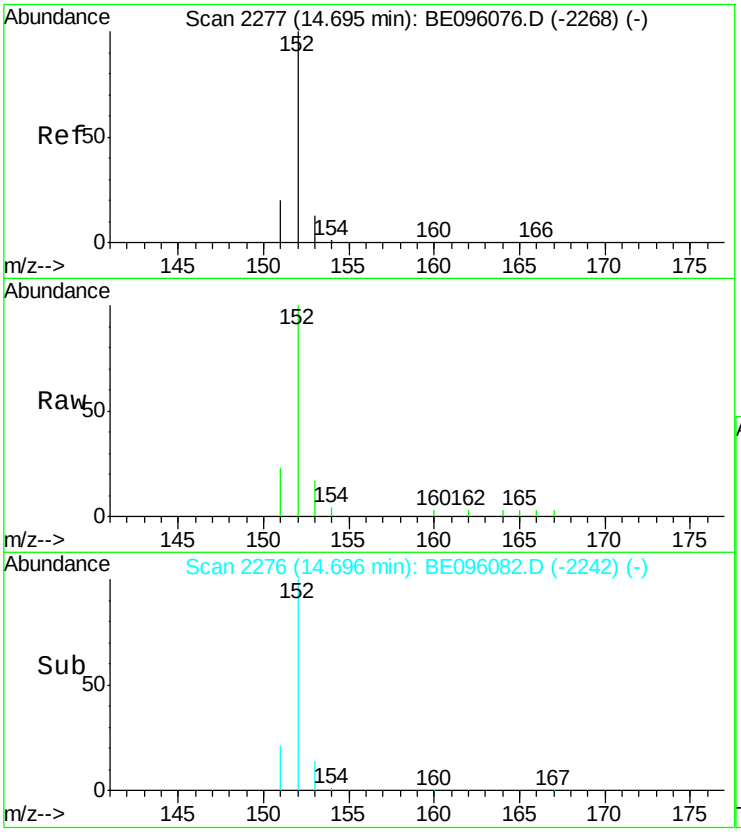


#5
2-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.83 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Tgt Ion:142 Resp: 1815

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	108.8



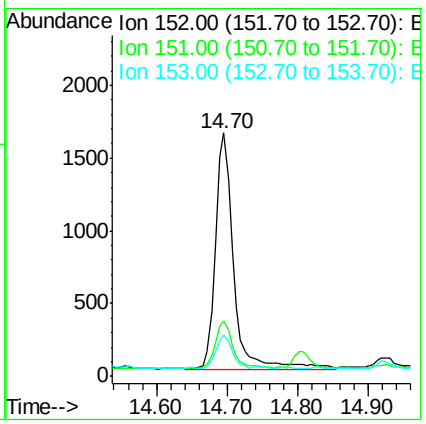


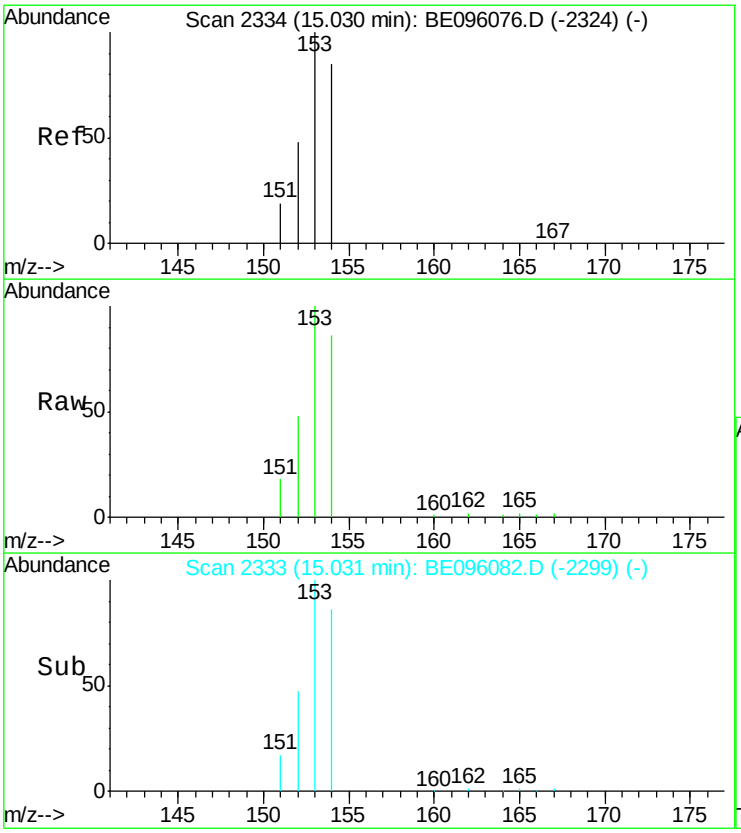
#7
Acenaphthylene
Concen: 0.192 ng/ul
RT: 14.70 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2882

Ion	Ratio	Lower	Upper
152	100		
151	23.0	17.1	25.7
153	16.8	12.8	19.2

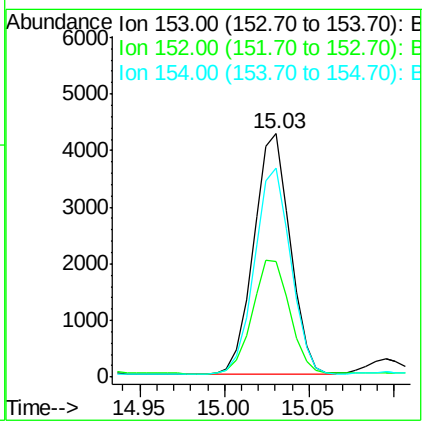


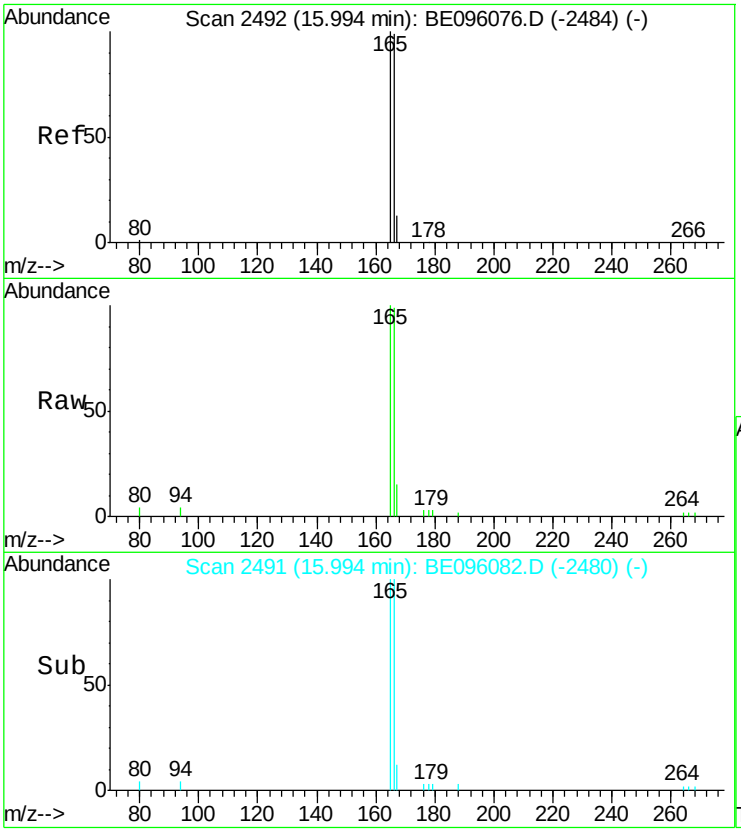


#8
Acenaphthene
Concen: 0.587 ng/ul
RT: 15.03 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Tgt Ion:153 Resp: 6313

Ion	Ratio	Lower	Upper
153	100		
152	47.5	36.0	54.0
154	86.1	72.0	108.0



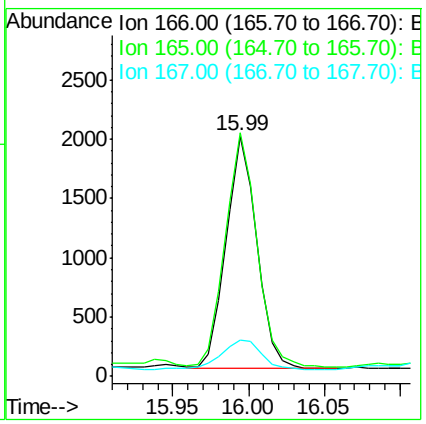


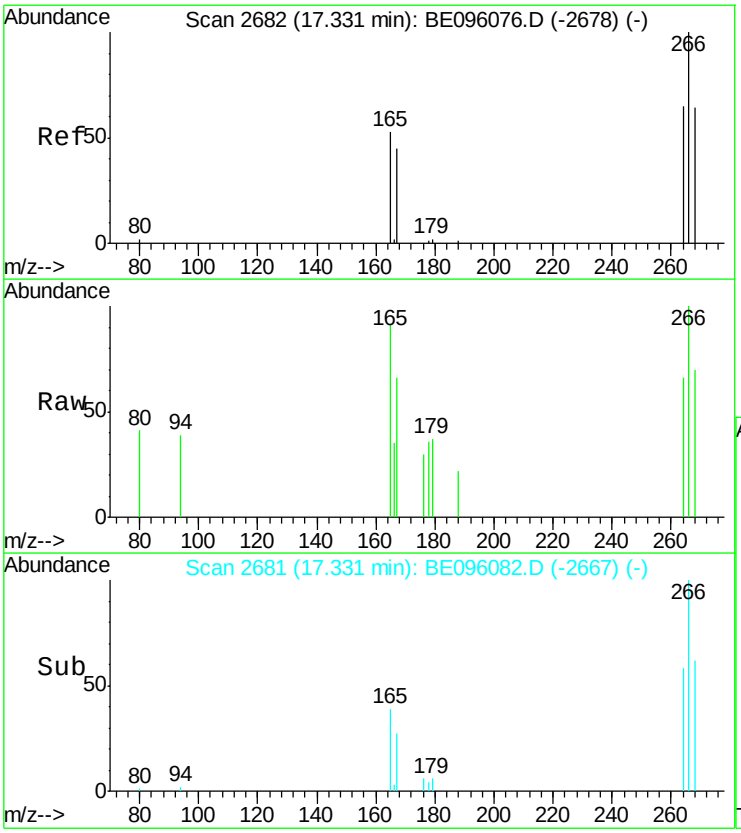
#9
Fluorene
Concen: 0.230 ng/ul
RT: 15.99 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 2790

Ion	Ratio	Lower	Upper
166	100		
165	101.3	73.4	110.2
167	15.3	14.6	22.0

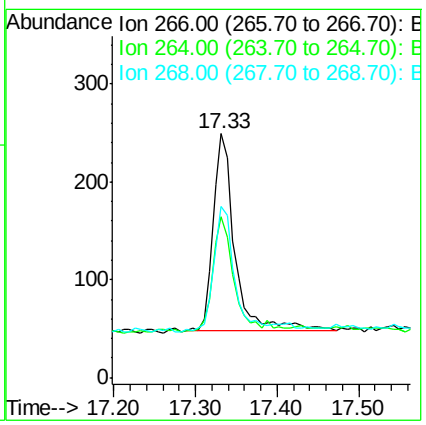


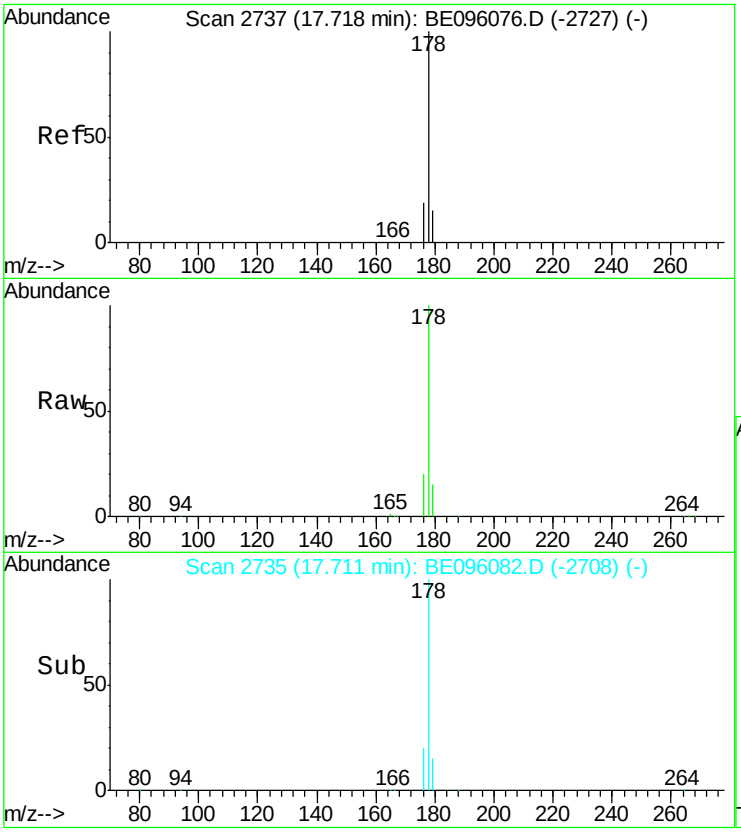


#11
Pentachlorophenol
Concen: 0.277 ng/ul
RT: 17.33 min Scan# 2681
Delta R.T. 0.00 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Tgt Ion:266 Resp: 368

Ion	Ratio	Lower	Upper
266	100		
264	58.2	47.9	71.9
268	61.1	49.8	74.8



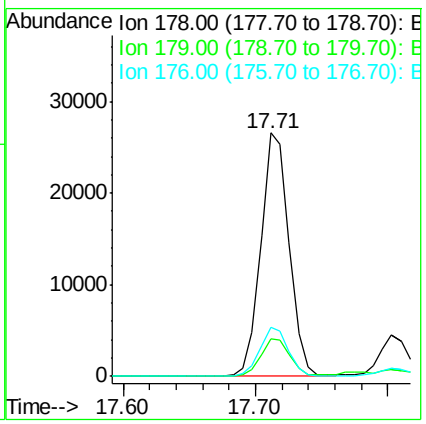


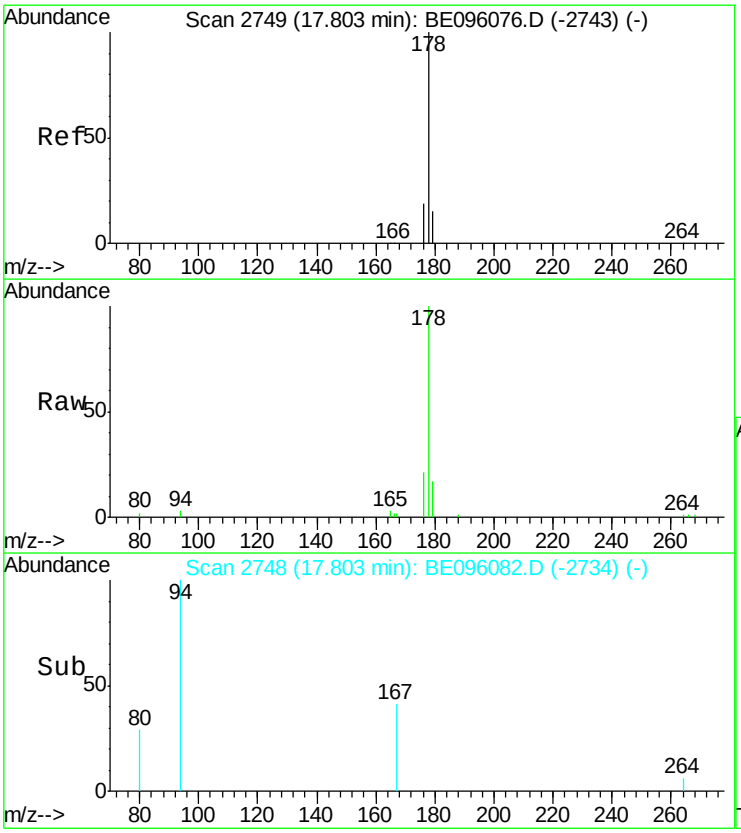
#12
Phenanthrene
Concen: 2.129 ng/ul
RT: 17.71 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 39380

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	20.3	13.6	20.4

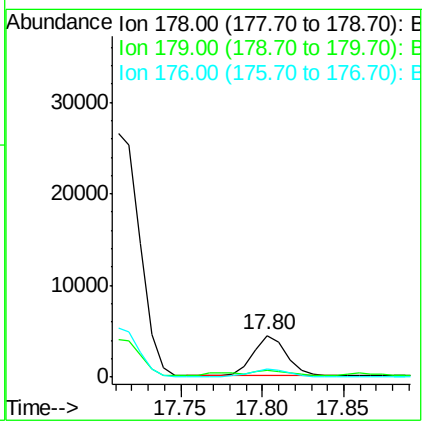


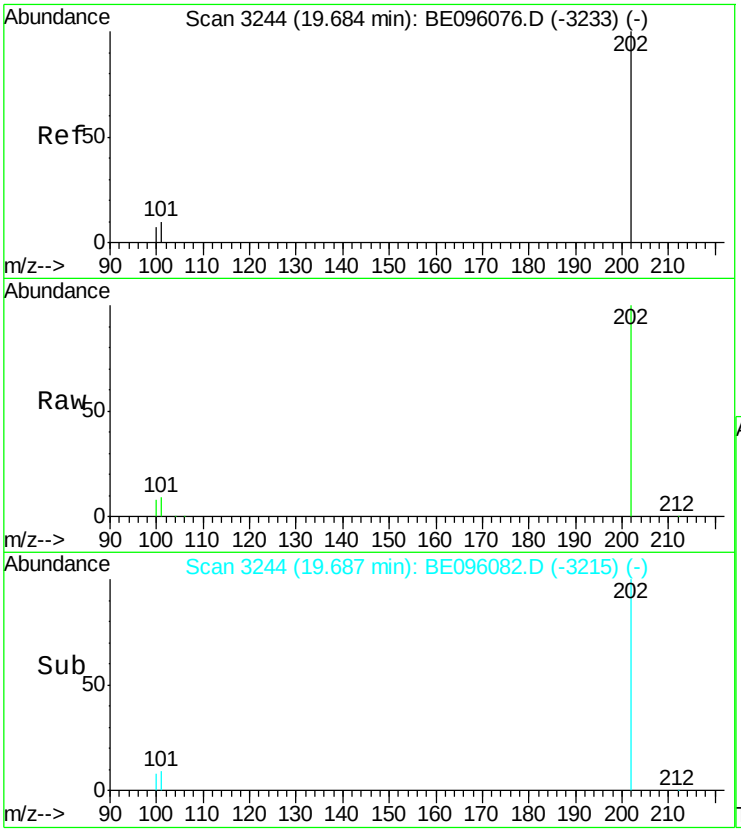


#13
Anthracene
Concen: 0.339 ng/ul
RT: 17.80 min Scan# 2748
Delta R.T. 0.00 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Tgt Ion:178 Resp: 6249

Ion	Ratio	Lower	Upper
178	100		
179	16.9	18.1	27.1#
176	20.5	14.7	22.1



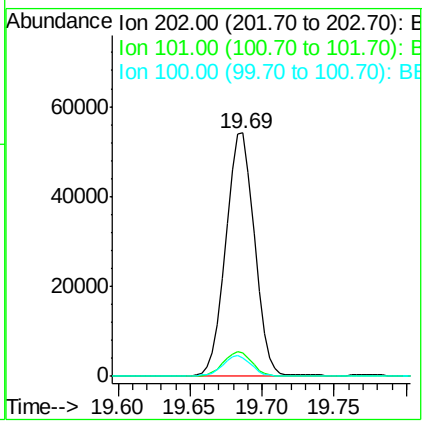


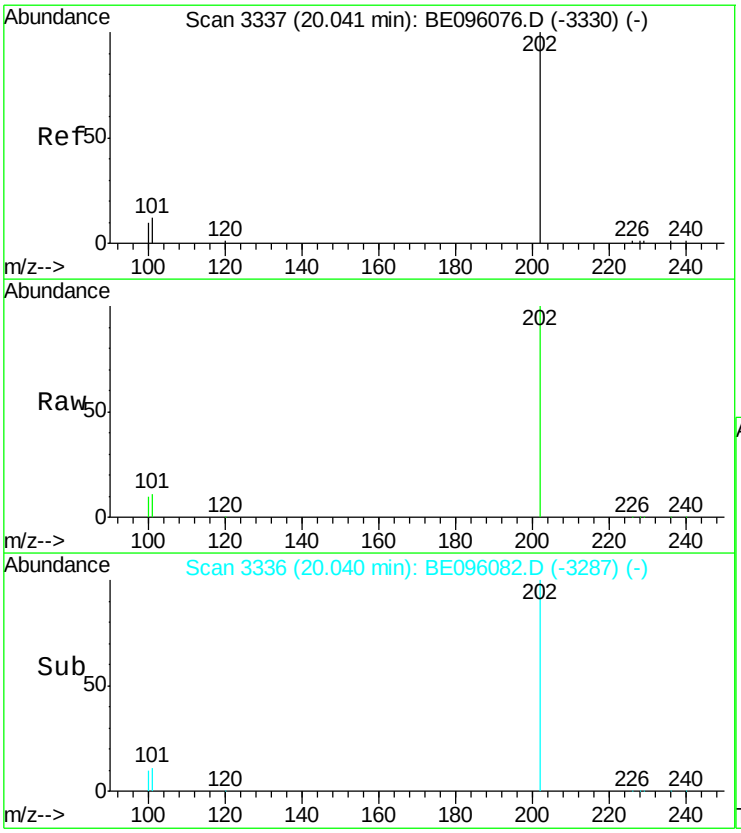
#15
Fluoranthene
Concen: 2.893 ng/ul
RT: 19.69 min Scan# 3244
Delta R.T. 0.00 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 72834

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.3
100	7.7	0.0	39.5

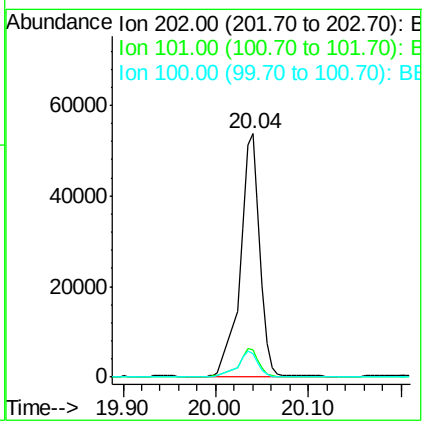


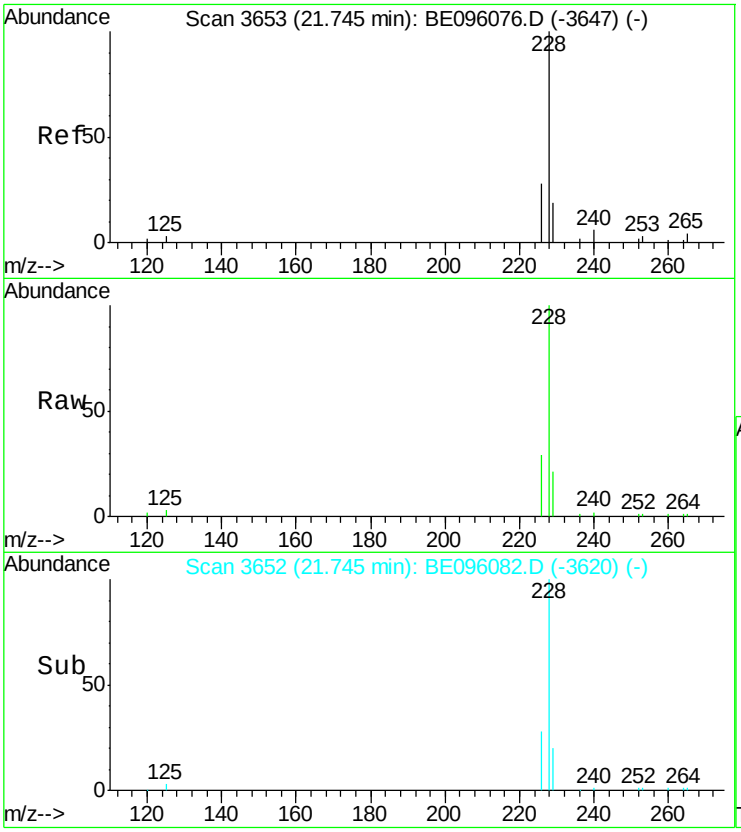


#17
Pyrene
Concen: 2.722 ng/ul
RT: 20.04 min Scan# 3336
Delta R.T. -0.00 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Tgt Ion:202 Resp: 71884

Ion	Ratio	Lower	Upper
202	100		
101	11.1	18.2	27.4#
100	9.8	15.6	23.4#



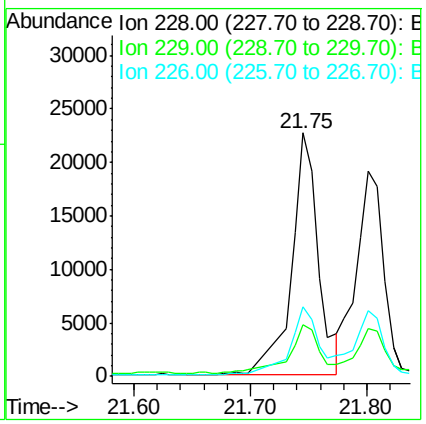


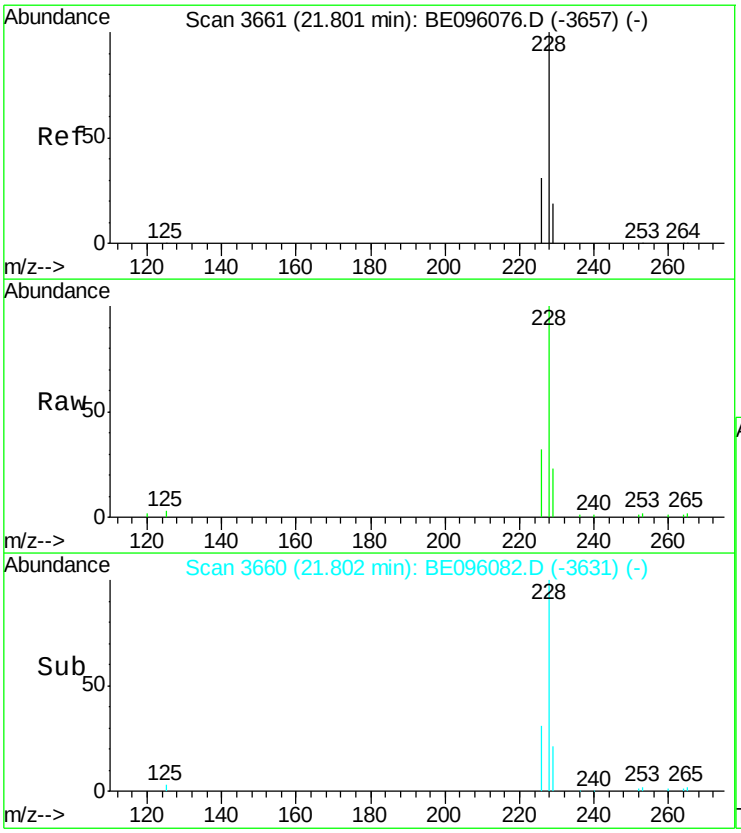
#18
Benzo(a)anthracene
Concen: 1.095 ng/ul
RT: 21.75 min Scan# 3652
Delta R.T. 0.00 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 34382

Ion	Ratio	Lower	Upper
228	100		
229	21.0	22.8	34.2#
226	28.6	17.0	25.6#

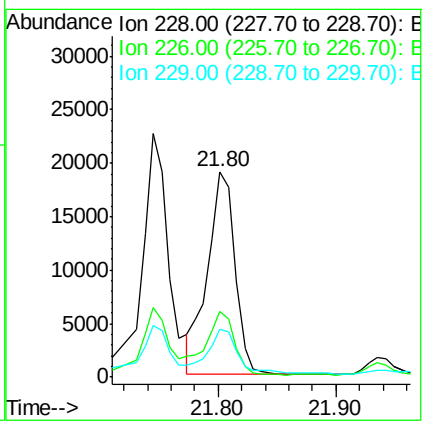


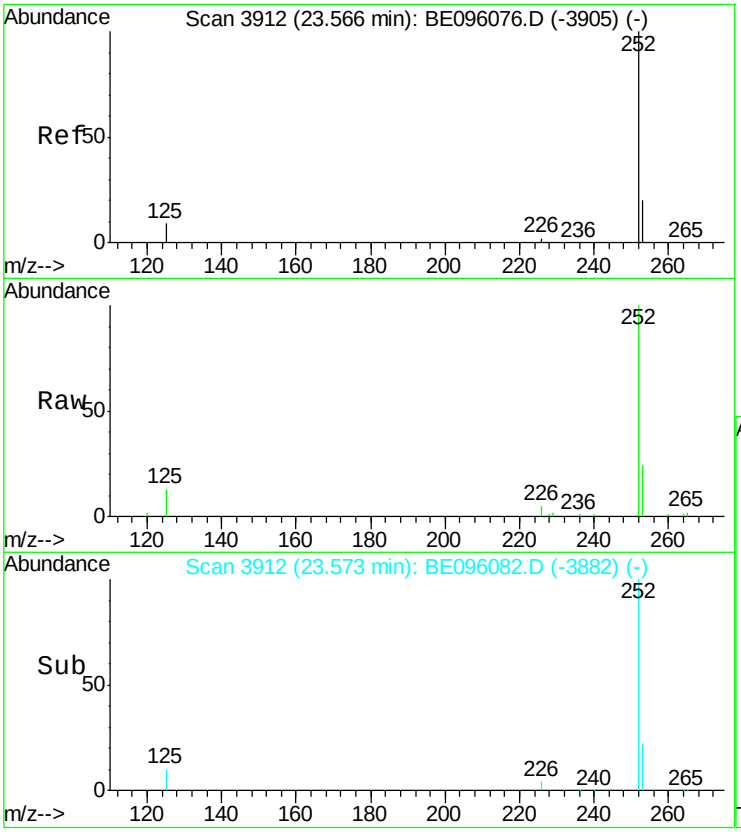


#19
Chrysene
Concen: 1.372 ng/ul
RT: 21.80 min Scan# 3660
Delta R.T. 0.00 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Tgt Ion:228 Resp: 31011

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.4	35.0
229	23.0	17.7	26.5



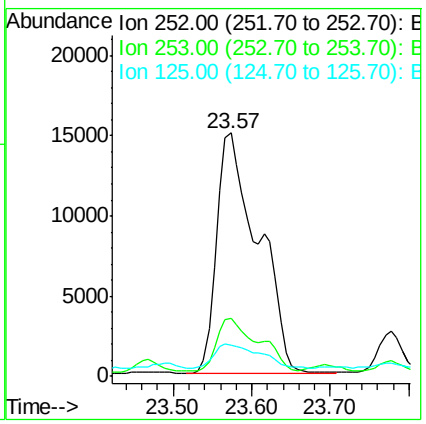


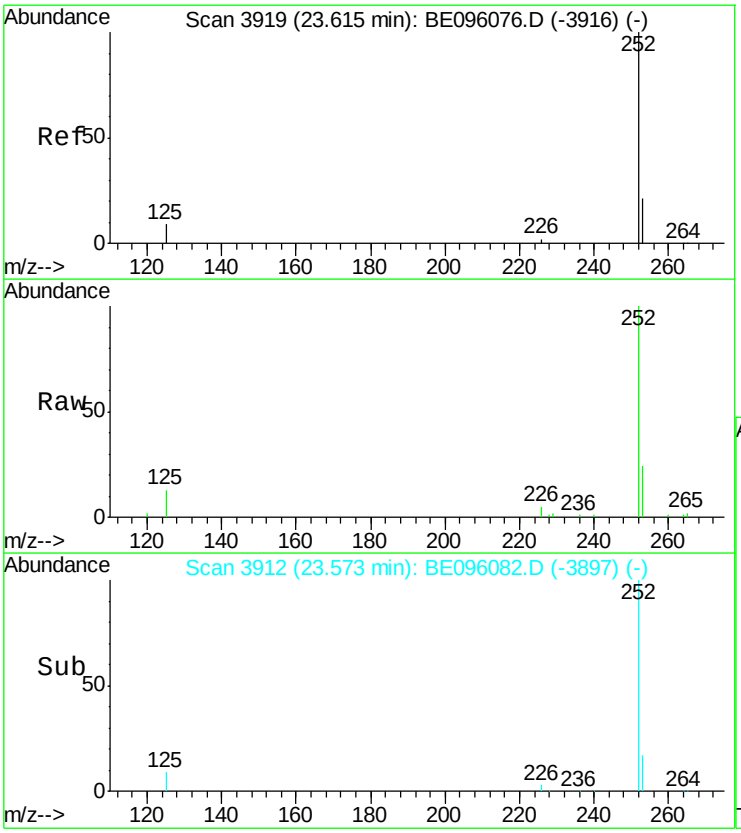
#21
Benzo(b)fluoranthene
Concen: 2.682 ng/ul
RT: 23.57 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 54797

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	64.2
125	12.9	0.0	35.0

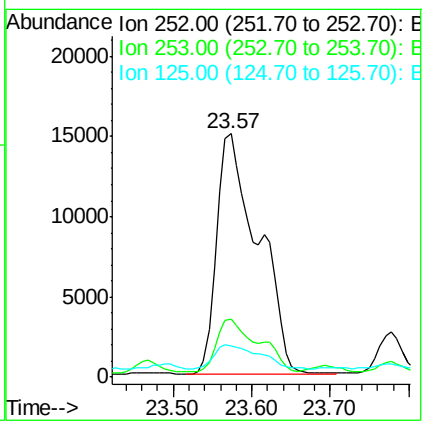


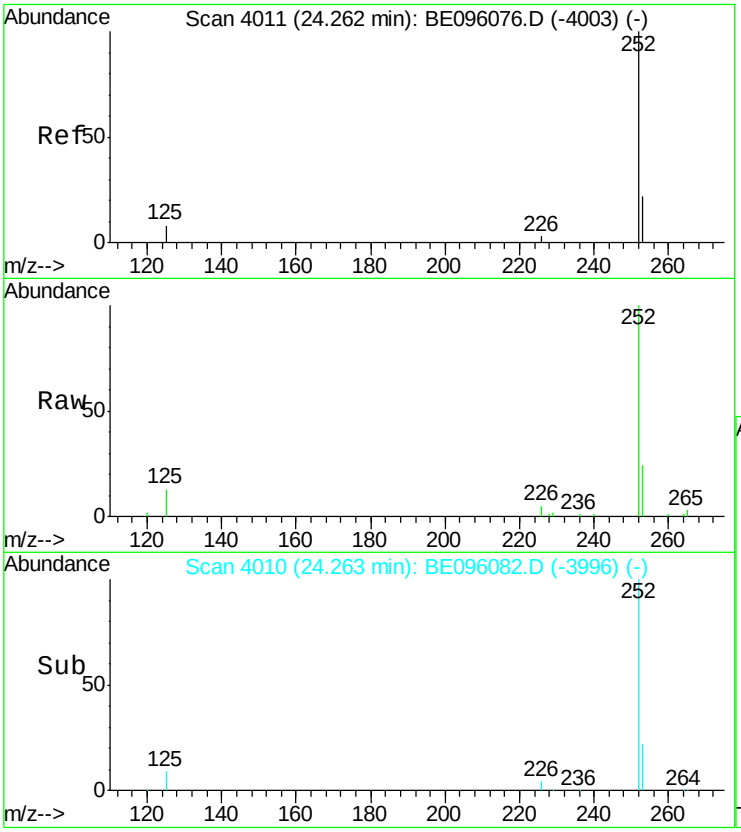


#22
Benzo(k)fluoranthene
Concen: 2.692 ng/ul
RT: 23.57 min Scan# 3912
Delta R.T. -0.04 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Tgt Ion:252 Resp: 54797

Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	12.9	13.7	20.5#



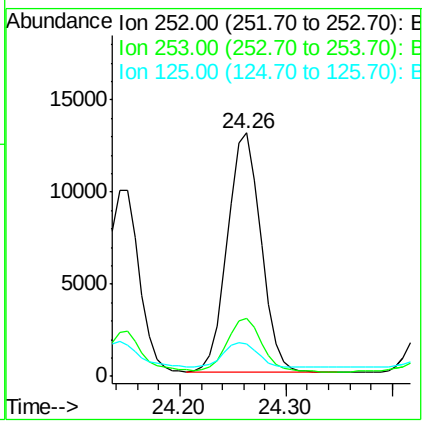


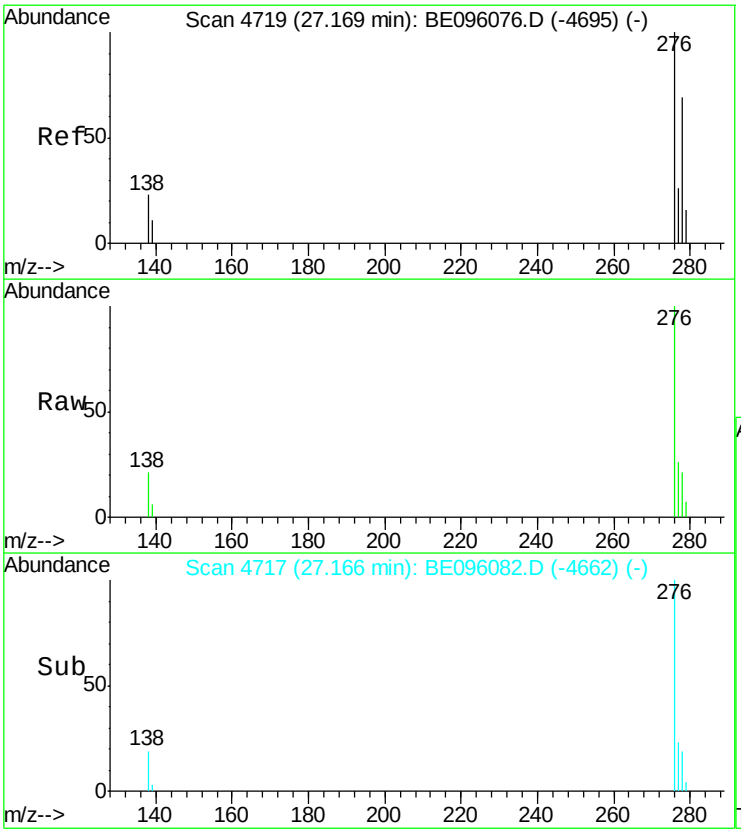
#23
Benzo(a)pyrene
Concen: 1.441 ng/ul
RT: 24.26 min Scan# 4010
Delta R.T. 0.00 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 28420

Ion	Ratio	Lower	Upper
252	100		
253	24.0	28.5	42.7#
125	13.1	18.1	27.1#

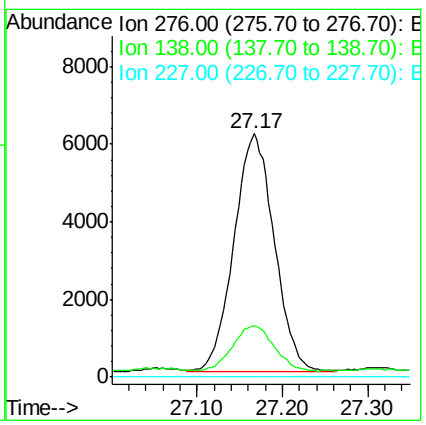


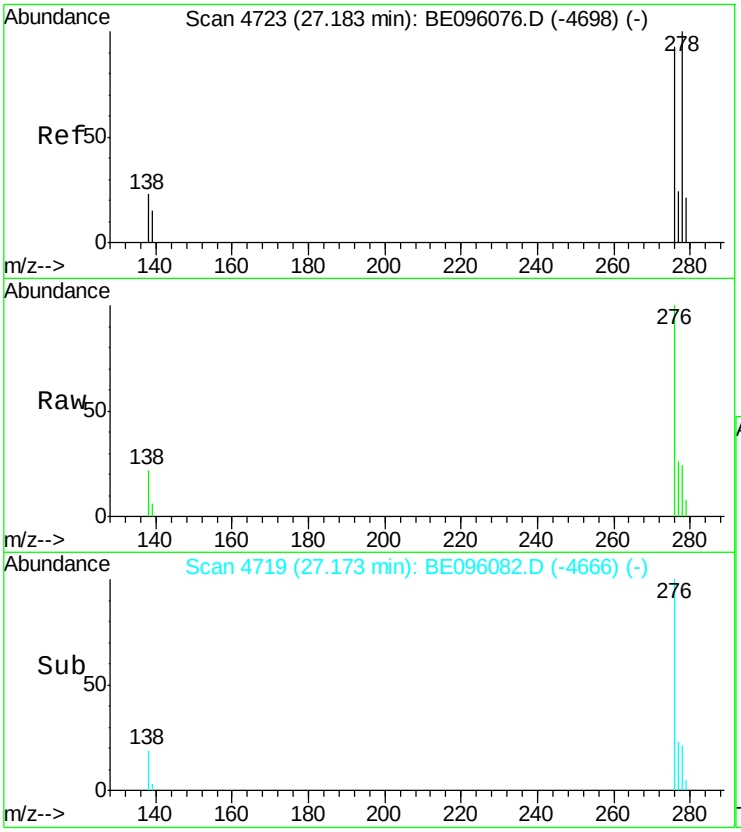


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.918 ng/ul
RT: 27.17 min Scan# 4717
Delta R.T. -0.00 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Tgt Ion:276 Resp: 20121

Ion	Ratio	Lower	Upper
276	100		
138	19.5	28.0	42.0#
227	0.0	8.0	12.0#



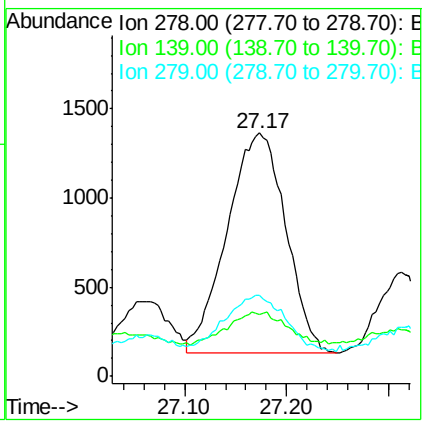


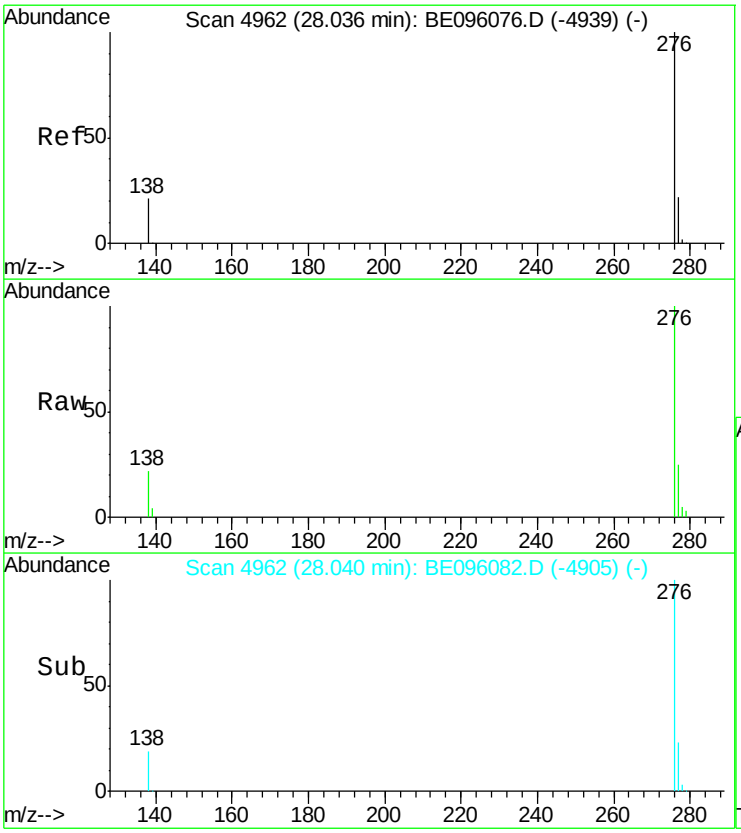
#25
Dibenzo(a,h)anthracene
Concen: 0.279 ng/ul
RT: 27.17 min Scan# 4719
Delta R.T. -0.01 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 4930

Ion	Ratio	Lower	Upper
278	100		
139	25.3	17.4	26.0
279	33.1	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.850 ng/ul
RT: 28.04 min Scan# 4962
Delta R.T. 0.00 min
Lab File: BE096082.D
Acq: 23 Apr 2018 13:23

Tgt Ion:276 Resp: 15560

Ion	Ratio	Lower	Upper
276	100		
138	22.0	21.8	32.8
277	25.3	20.5	30.7