Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094325.D
Acq On : 13 Oct 2017 15:10
Operator : SJ/JU
Sample : I5568-02DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 14 02:18:38 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	1583	0.40	ng/ul	0.01
2) Naphthalene-d8	10.71	136	7934	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.54	164	4446	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9256	0.40	ng/ul	0.02
16) Chrysene-d12	21.45	240	9972	0.40	ng/ul	0.02
20) Perylene-d12	23.99	264	8277	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	534	0.04	ng/ul	0.01
14) Fluoranthene-d10	19.30	212	1255	0.04	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	10.76	128	38321	1.972	ng/ul#	91
5) 2-Methylnaphthalene	12.37	142	3483	0.276	ng/ul	97
7) Acenaphthylene	14.27	152	949	0.055	ng/ul#	63
8) Acenaphthene	14.60	153	2297	0.161	ng/ul	96
9) Fluorene	15.59	166	1724	0.103	ng/ul#	80
11) Pentachlorophenol	16.96	266	160	0.147	ng/ul#	28
12) Phenanthrene	17.31	178	36537	1.511	ng/ul#	87
13) Anthracene	17.41	178	8417	0.358	ng/ul#	86
15) Fluoranthene	19.33	202	74722	2.351	ng/ul	84
17) Pyrene	19.70	202	66829	2.409	ng/ul#	83
18) Benzo(a)anthracene	21.43	228	41333	1.562	ng/ul#	74
19) Chrysene	21.48	228	55320	1.811	ng/ul#	73
21) Benzo(b)fluoranthene	23.21	252	80146	3.565	ng/ul#	55
22) Benzo(k)fluoranthene	23.21	252	80146	3.084	ng/ul#	52
23) Benzo(a)pyrene	23.88	252	38297	1.639	ng/ul#	45
24) Indeno(1,2,3-cd)pyrene	26.71	276	27780	1.162	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.70	278	9045	0.451	ng/ul#	1
26) Benzo(g,h,i)perylene	27.56	276	28253	1.370	ng/ul#	53

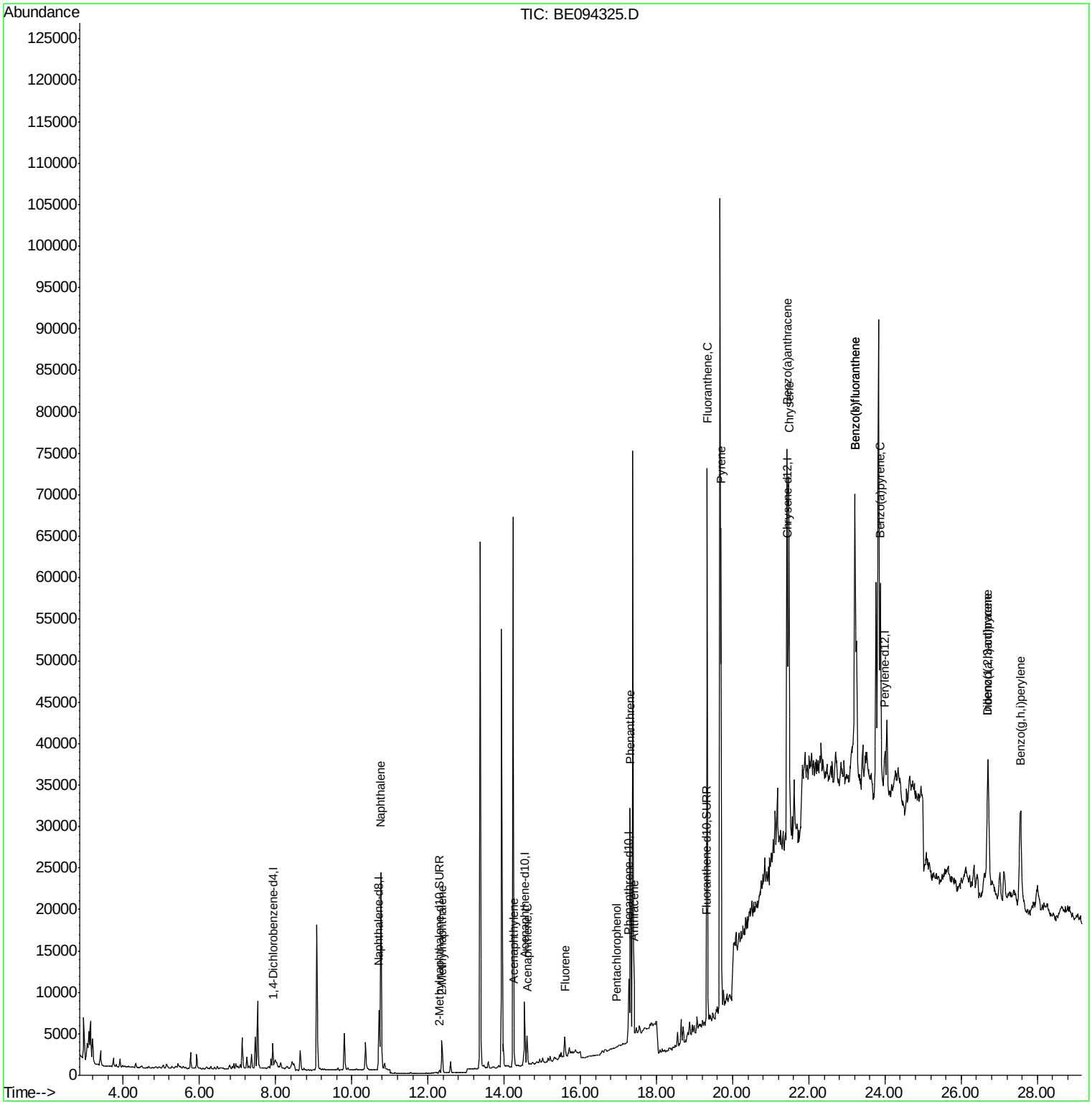
(#) = qualifier out of range (m) = manual integration (+) = signals summed

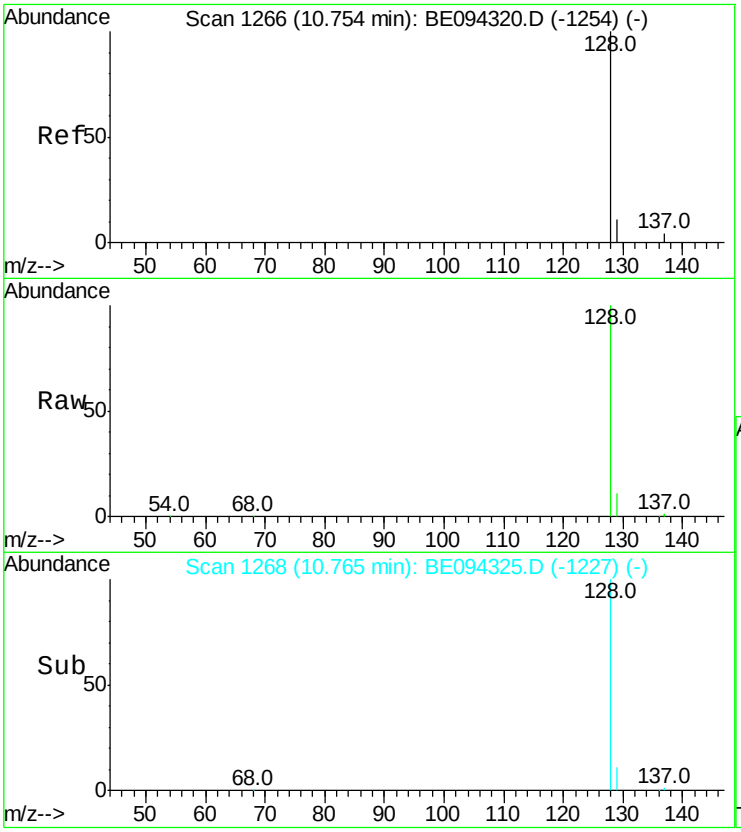
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094325.D
Acq On : 13 Oct 2017 15:10
Operator : SJ/JU
Sample : I5568-02DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 14 02:18:38 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration



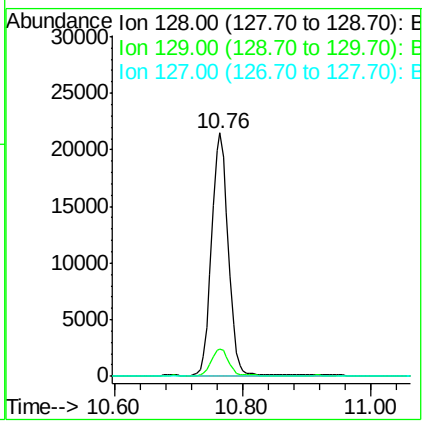


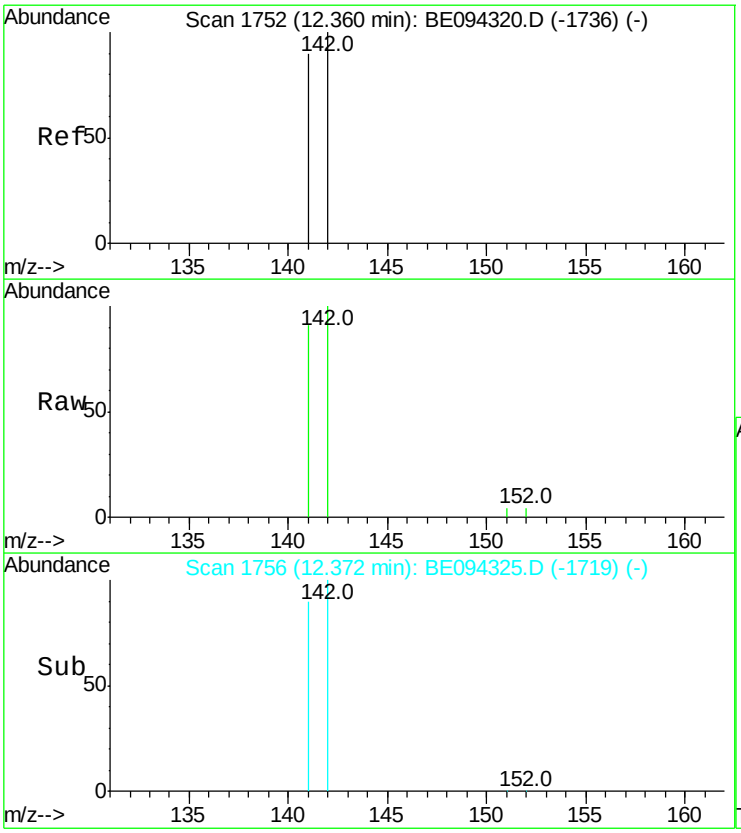
#3
Naphthalene
Concen: 1.972 ng/ul
RT: 10.76 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 38321

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.3	16.9
127	0.0	4.0	6.0#

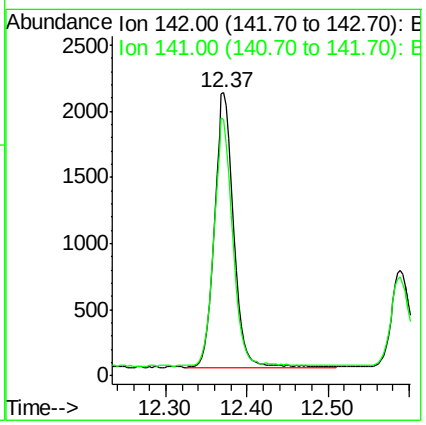


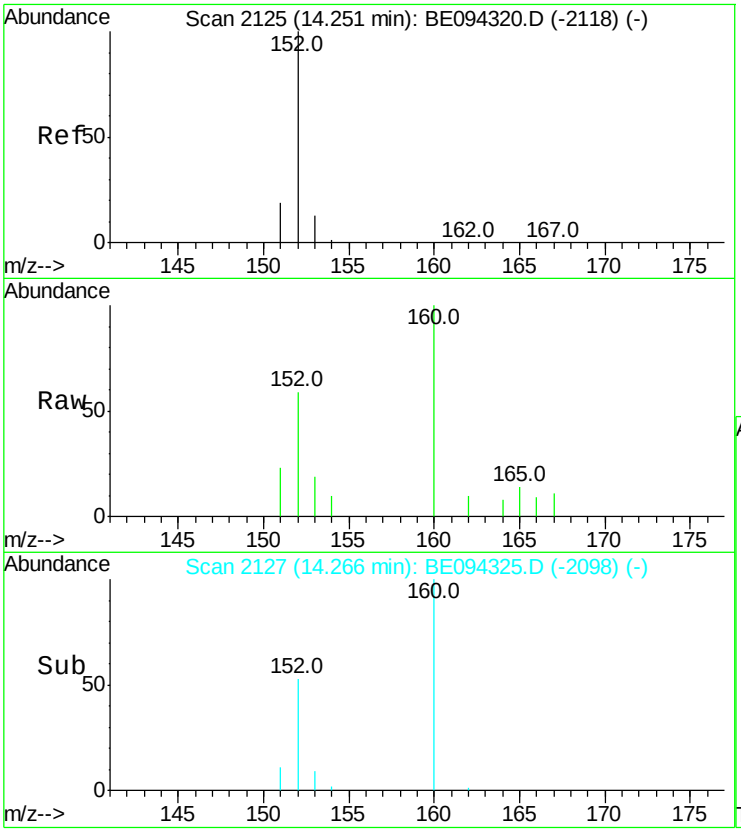


#5
2-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.37 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Tgt Ion:142 Resp: 3483

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.6	108.8



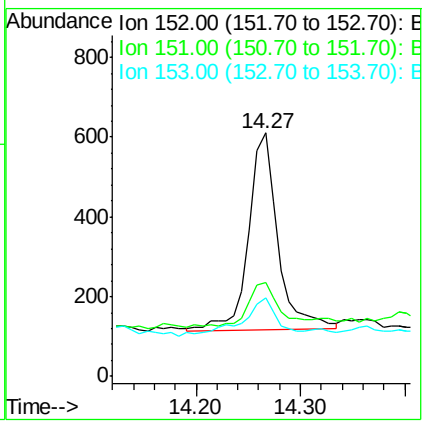


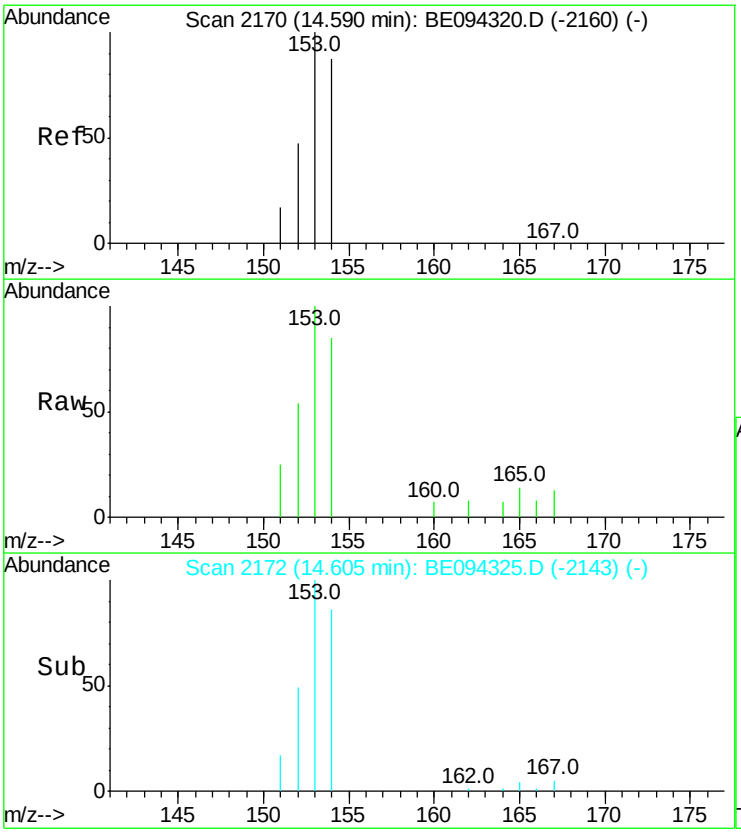
#7
Acenaphthylene
Concen: 0.055 ng/ul
RT: 14.27 min Scan# 2127
Delta R.T. 0.02 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 949

Ion	Ratio	Lower	Upper
152	100		
151	38.5	17.1	25.7#
153	32.2	12.8	19.2#

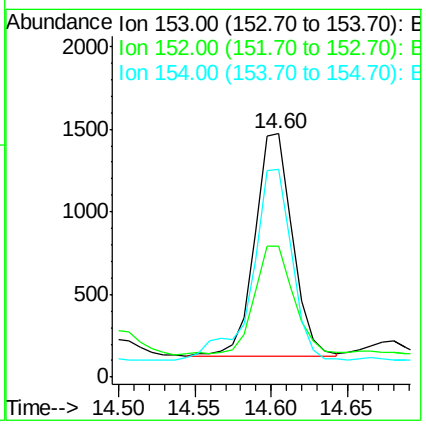


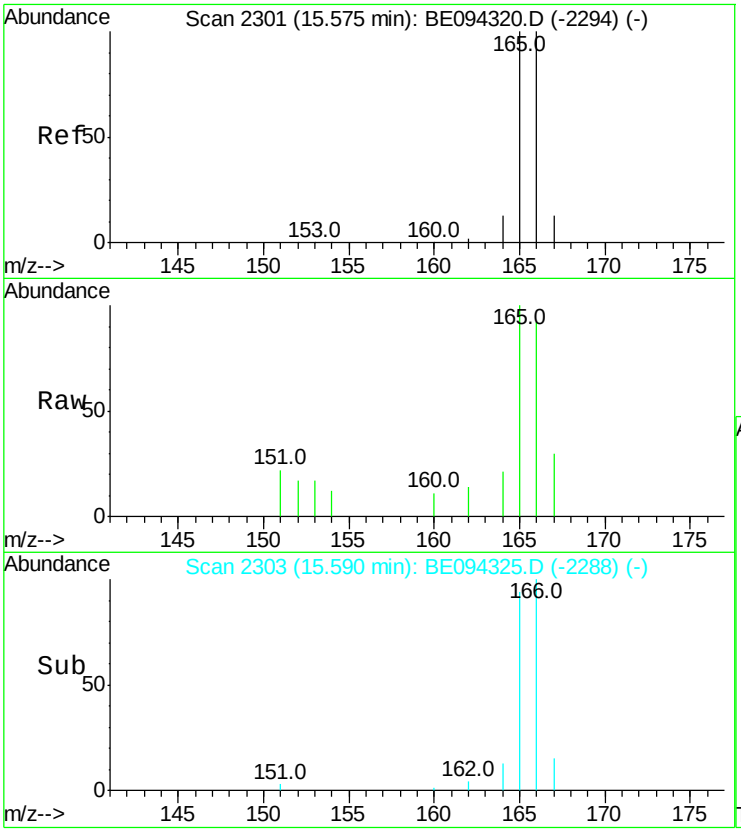


#8
Acenaphthene
Concen: 0.161 ng/ul
RT: 14.60 min Scan# 2172
Delta R.T. 0.02 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Tgt Ion:153 Resp: 2297

Ion	Ratio	Lower	Upper
153	100		
152	53.8	40.3	60.5
154	85.4	71.4	107.2



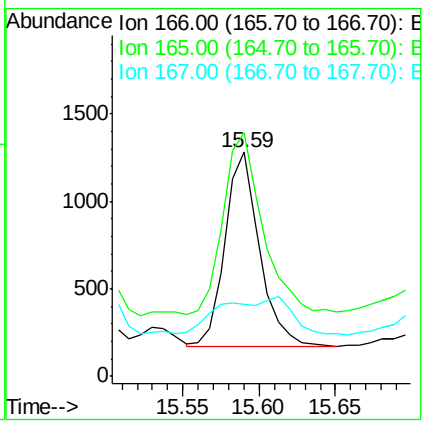


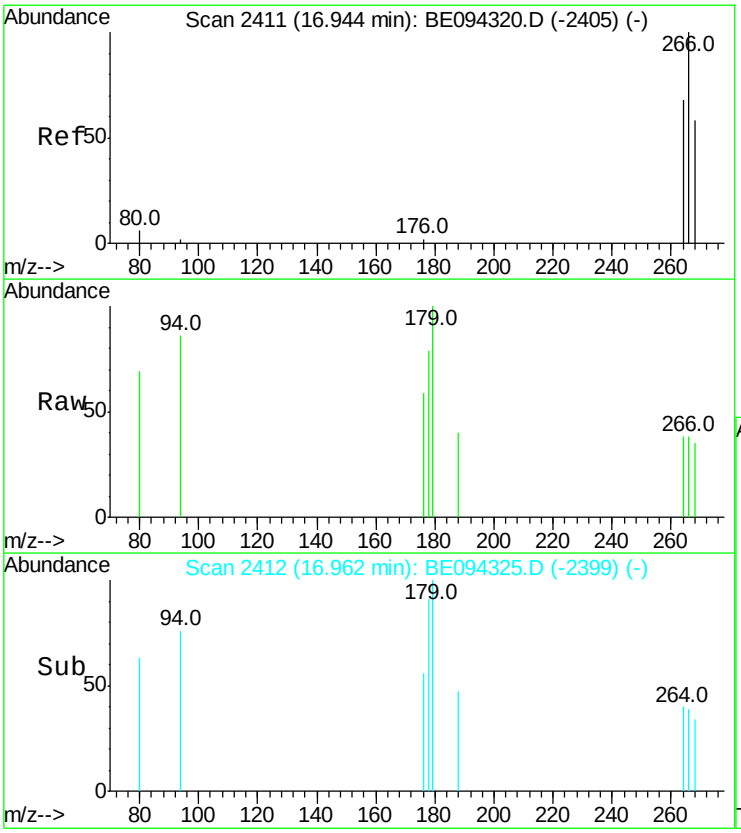
#9
Fluorene
Concen: 0.103 ng/ul
RT: 15.59 min Scan# 2303
Delta R.T. 0.02 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 1724

Ion	Ratio	Lower	Upper
166	100		
165	108.6	73.4	110.2
167	32.4	14.6	22.0#

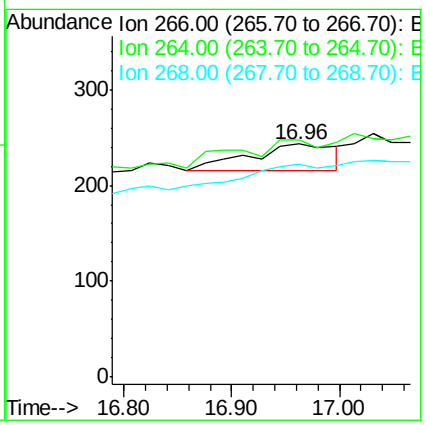


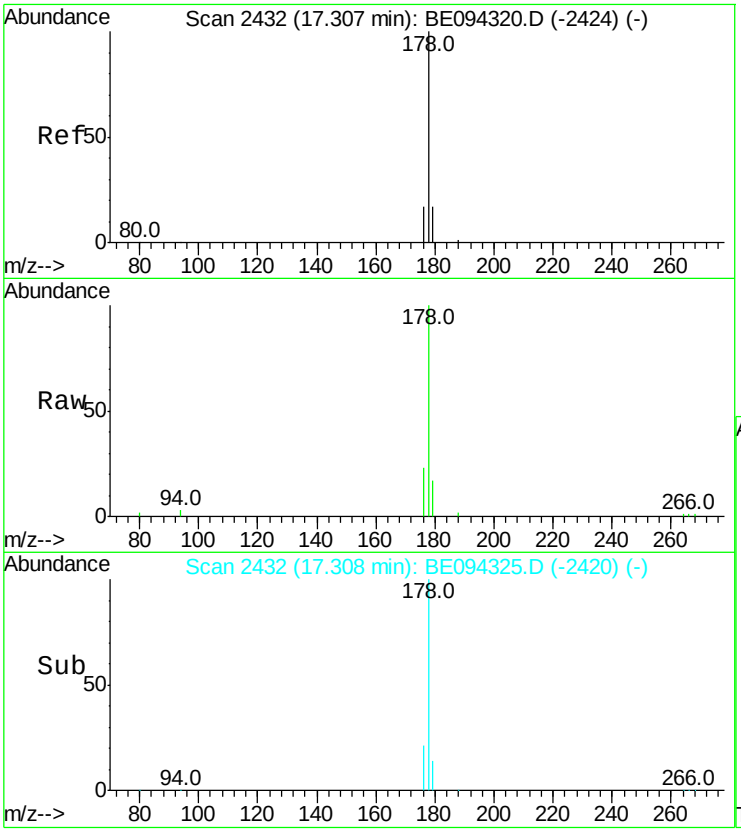


#11
Pentachlorophenol
Concen: 0.147 ng/ul
RT: 16.96 min Scan# 2412
Delta R.T. 0.02 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Tgt Ion:266 Resp: 160

Ion	Ratio	Lower	Upper
266	100		
264	101.9	47.9	71.9#
268	129.4	49.8	74.8#



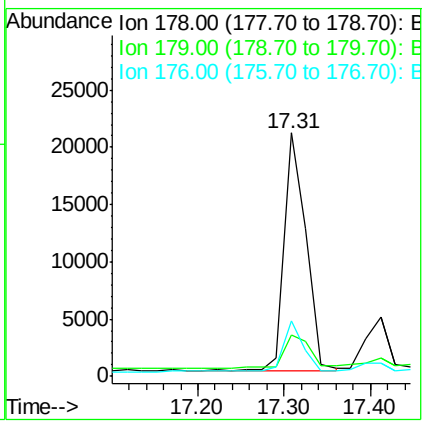


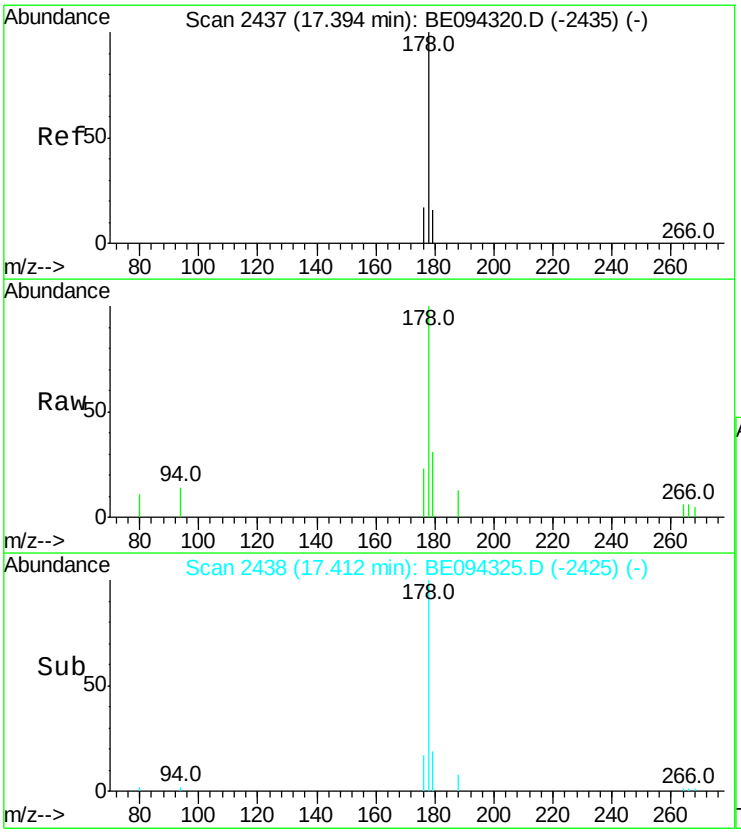
#12
Phenanthrene
Concen: 1.511 ng/ul
RT: 17.31 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 36537

Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.4	27.6#
176	22.9	13.6	20.4#

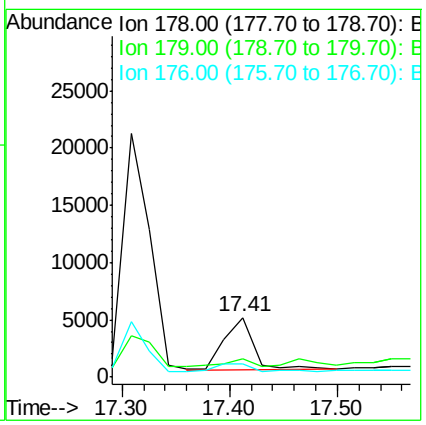


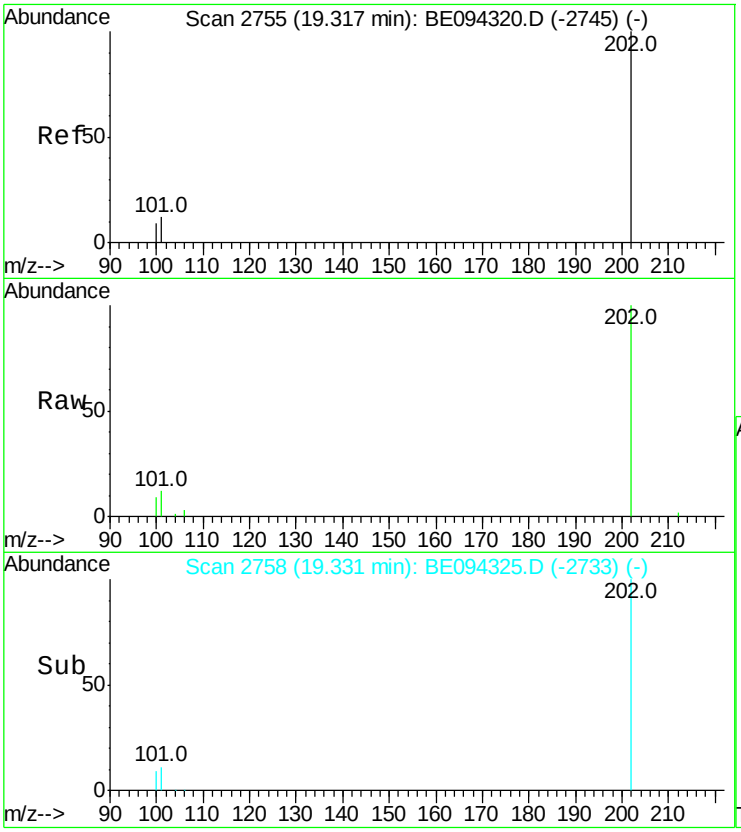


#13
Anthracene
Concen: 0.358 ng/ul
RT: 17.41 min Scan# 2438
Delta R.T. 0.02 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Tgt Ion:178 Resp: 8417

Ion	Ratio	Lower	Upper
178	100		
179	30.8	18.1	27.1#
176	23.3	14.7	22.1#



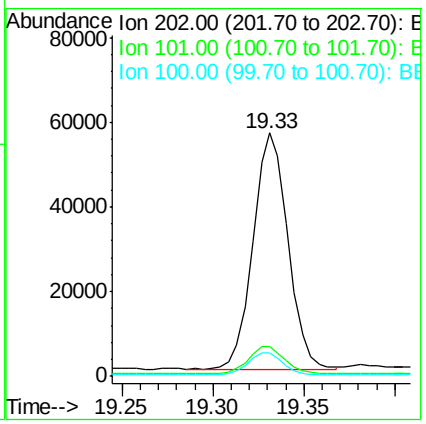


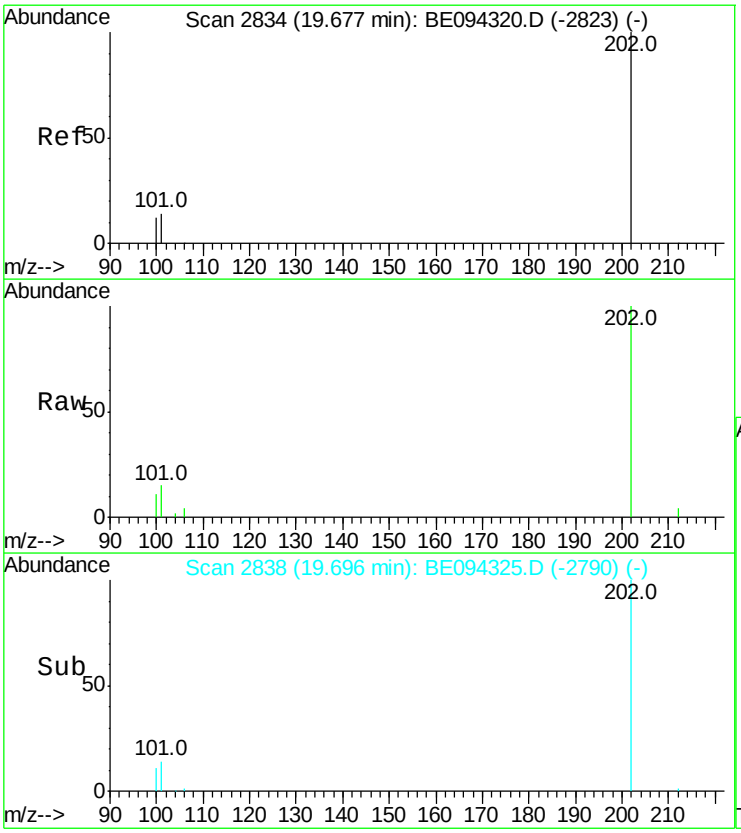
#15
Fluoranthene
Concen: 2.351 ng/ul
RT: 19.33 min Scan# 2758
Delta R.T. 0.01 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 74722

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.3
100	9.5	0.0	39.5

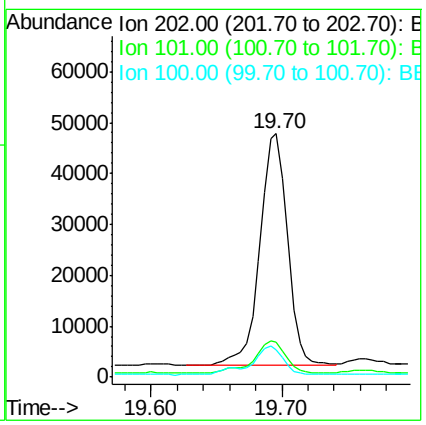


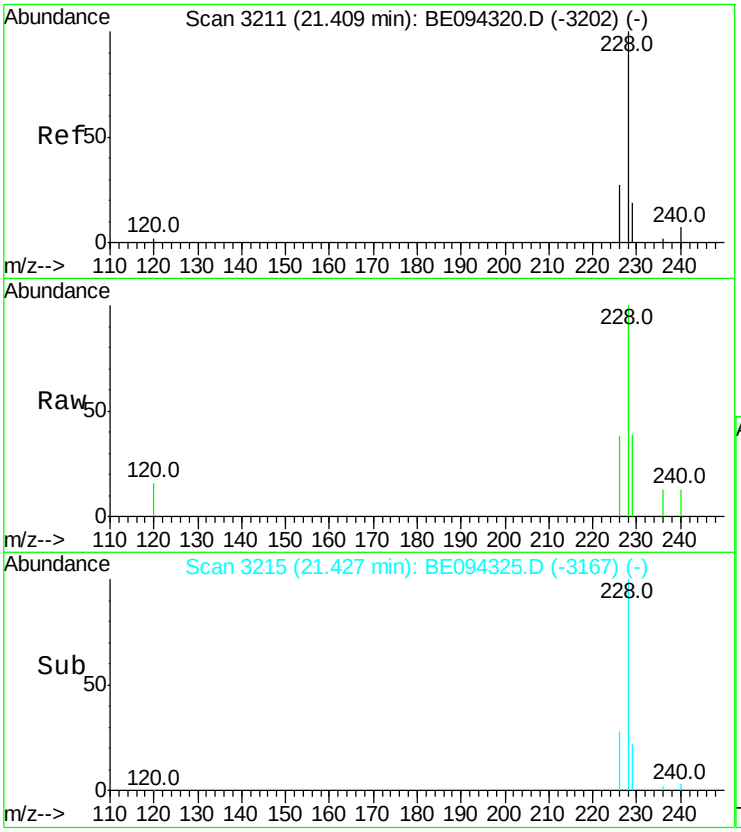


#17
Pyrene
Concen: 2.409 ng/ul
RT: 19.70 min Scan# 2838
Delta R.T. 0.02 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Tgt Ion:202 Resp: 66829

Ion	Ratio	Lower	Upper
202	100		
101	14.5	18.2	27.4#
100	11.4	15.6	23.4#



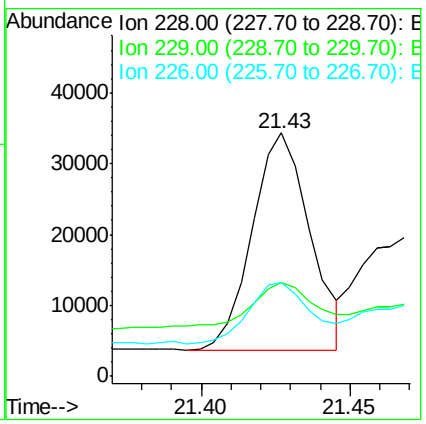


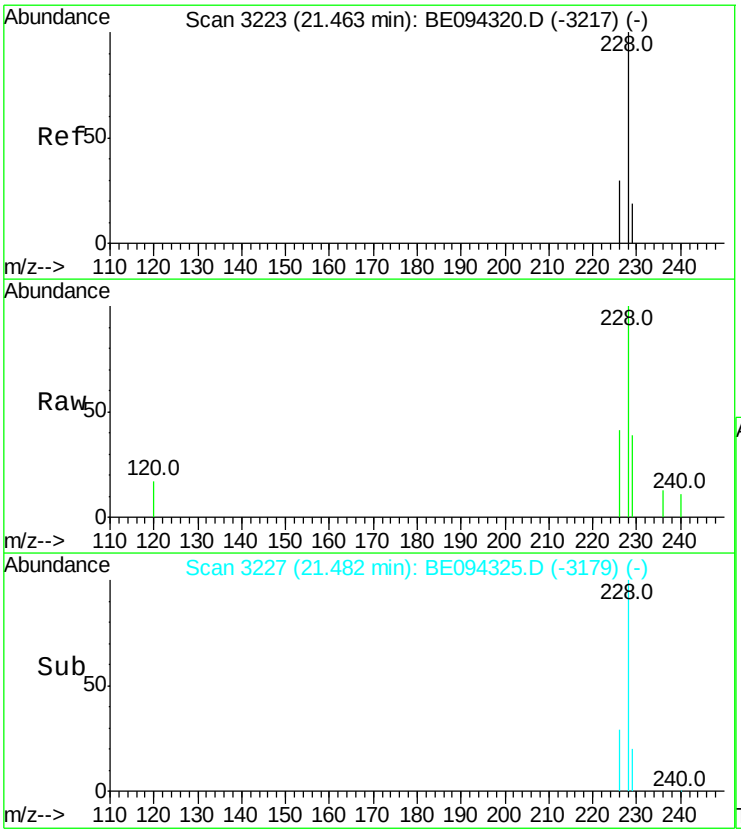
#18
Benzo(a)anthracene
Concen: 1.562 ng/ul
RT: 21.43 min Scan# 3215
Delta R.T. 0.02 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 41333

Ion	Ratio	Lower	Upper
228	100		
229	38.6	22.8	34.2#
226	38.4	17.0	25.6#

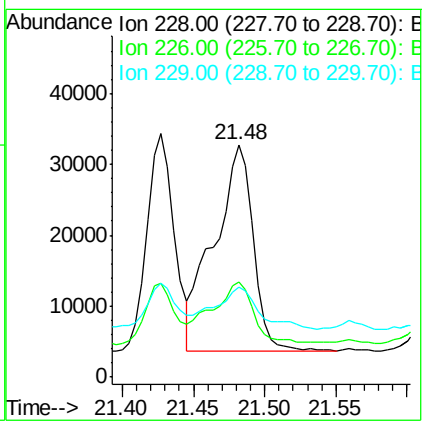


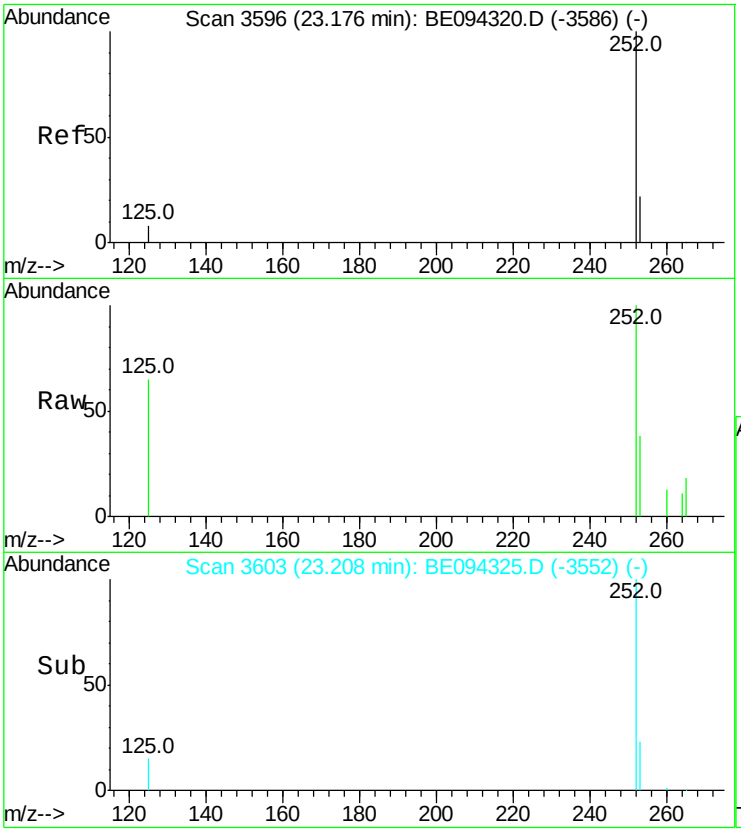


#19
Chrysene
Concen: 1.811 ng/ul
RT: 21.48 min Scan# 3227
Delta R.T. 0.02 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Tgt Ion:228 Resp: 55320

Ion	Ratio	Lower	Upper
228	100		
226	41.0	23.4	35.0#
229	38.5	17.7	26.5#



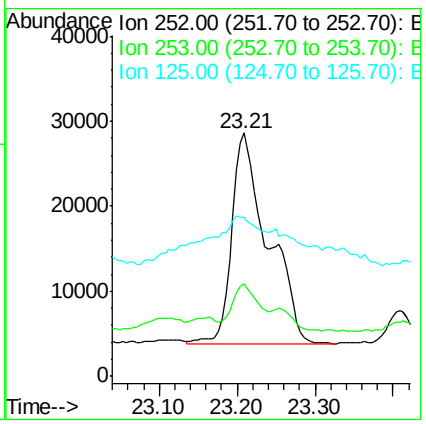


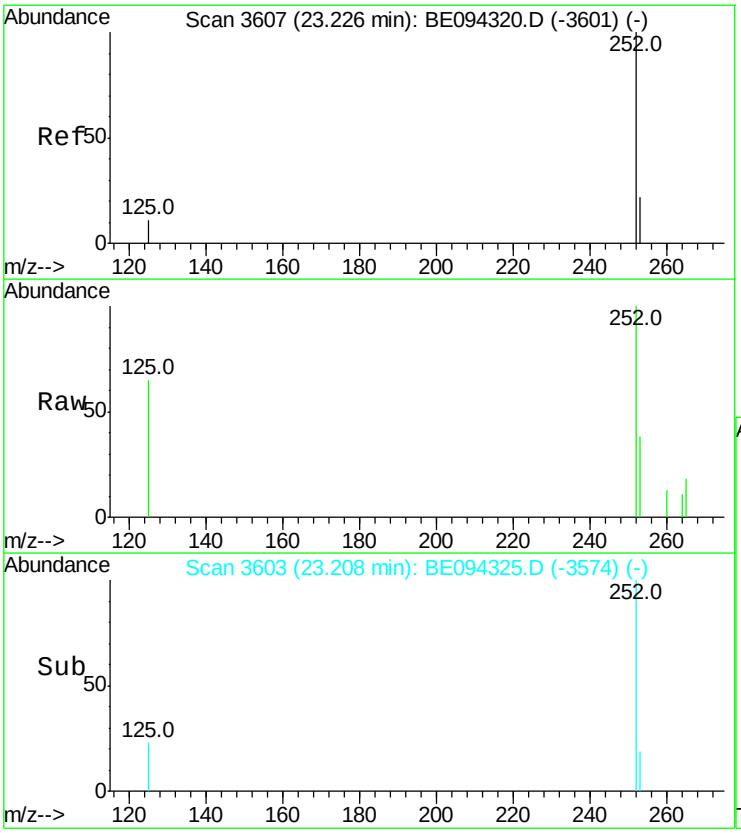
#21
Benzo(b)fluoranthene
Concen: 3.565 ng/ul
RT: 23.21 min Scan# 3603
Delta R.T. 0.03 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 80146

Ion	Ratio	Lower	Upper
252	100		
253	37.8	0.0	64.2
125	65.3	0.0	35.0#

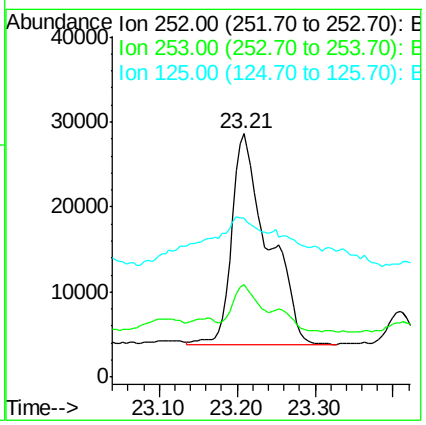


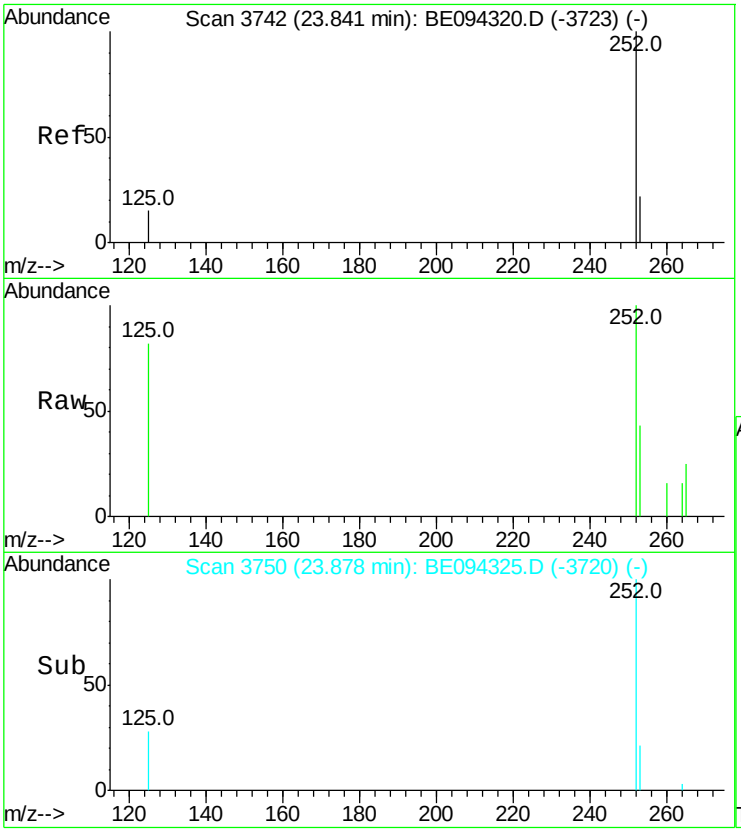


#22
Benzo(k)fluoranthene
Concen: 3.084 ng/ul
RT: 23.21 min Scan# 3603
Delta R.T. -0.02 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Tgt Ion:252 Resp: 80146

Ion	Ratio	Lower	Upper
252	100		
253	37.8	24.5	36.7#
125	65.3	13.7	20.5#



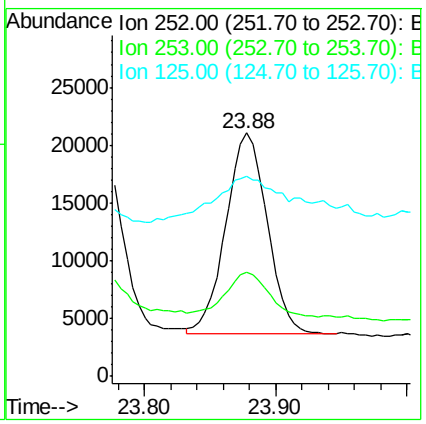


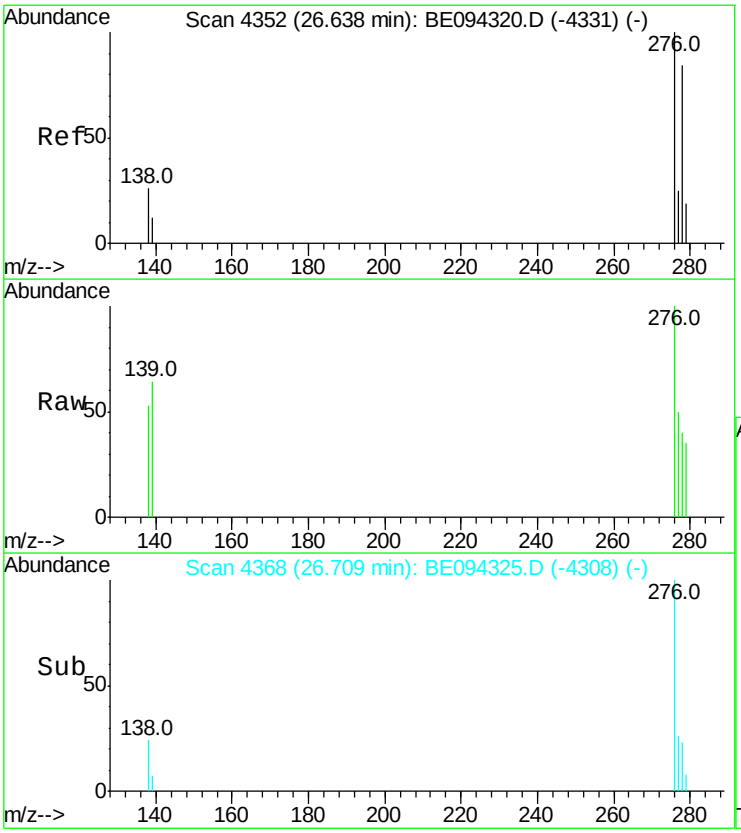
#23
Benzo(a)pyrene
Concen: 1.639 ng/ul
RT: 23.88 min Scan# 3750
Delta R.T. 0.04 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 38297

Ion	Ratio	Lower	Upper
252	100		
253	42.6	28.5	42.7
125	82.3	18.1	27.1#

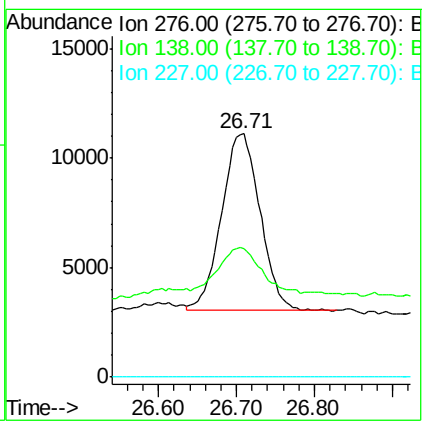


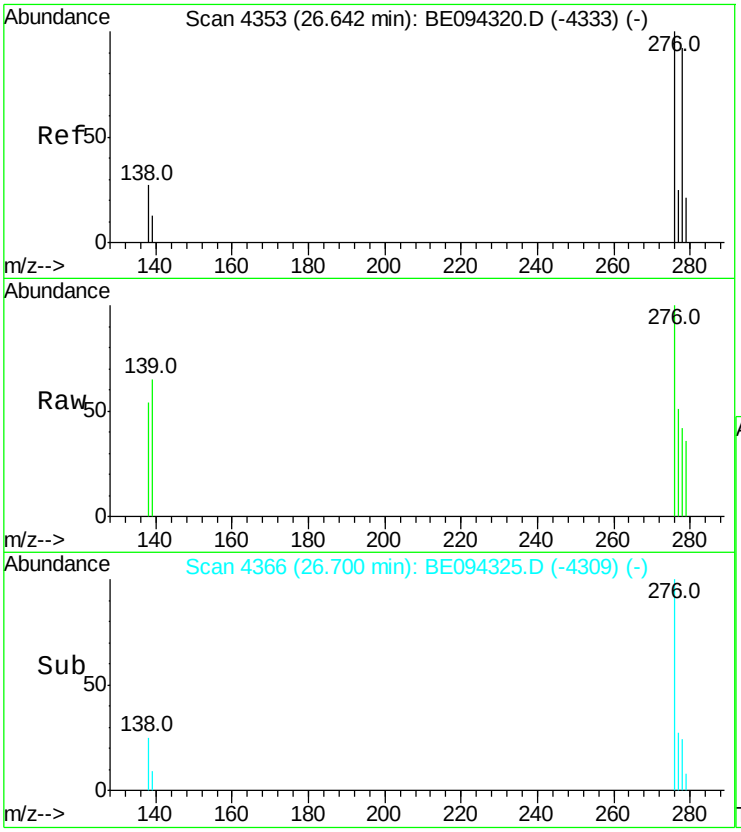


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.162 ng/ul
RT: 26.71 min Scan# 4368
Delta R.T. 0.07 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Tgt Ion:276 Resp: 27780

Ion	Ratio	Lower	Upper
276	100		
138	34.7	28.0	42.0
227	0.0	8.0	12.0#



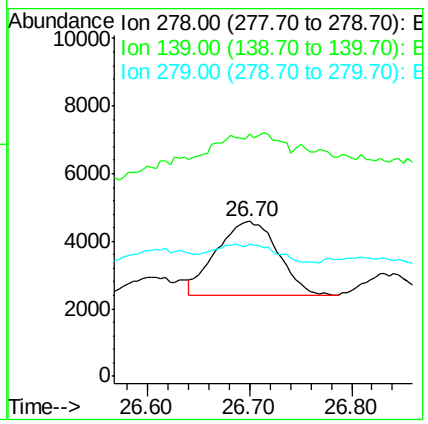


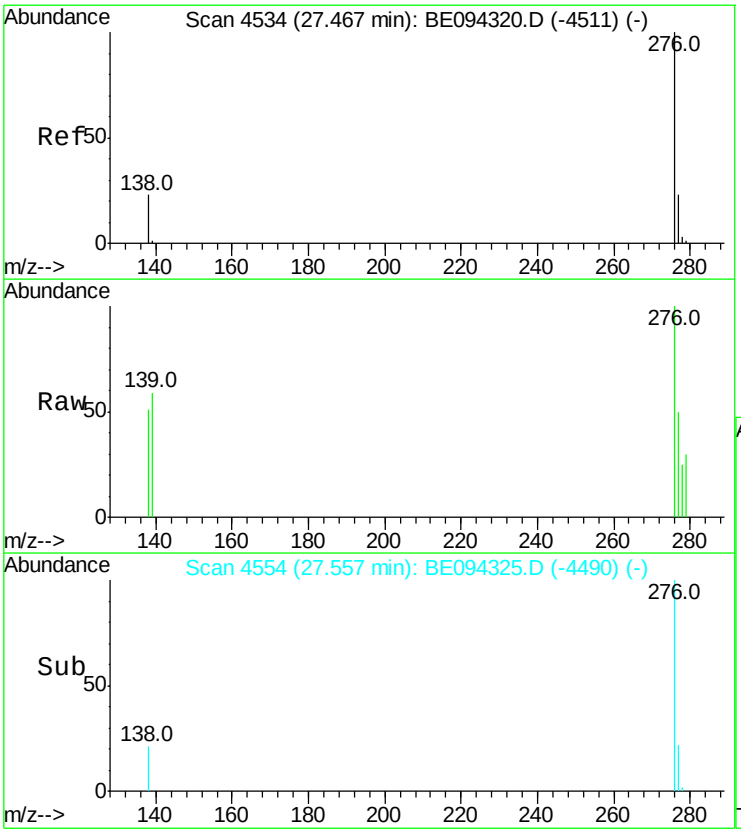
#25
Dibenzo(a,h)anthracene
Concen: 0.451 ng/ul
RT: 26.70 min Scan# 4366
Delta R.T. 0.06 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 9045

Ion	Ratio	Lower	Upper
278	100		
139	155.8	17.4	26.0#
279	84.9	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 1.370 ng/ul
RT: 27.56 min Scan# 4554
Delta R.T. 0.09 min
Lab File: BE094325.D
Acq: 13 Oct 2017 15:10

Tgt Ion:276 Resp: 28253

Ion	Ratio	Lower	Upper
276	100		
138	51.5	21.8	32.8#
277	49.6	20.5	30.7#