Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094334.D
Acq On : 13 Oct 2017 21:50
Operator : SJ/JU
Sample : I5568-05DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 14 04:02:00 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 03:57:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	4118	0.40	ng/ul	0.00
2) Naphthalene-d8	10.72	136	9645	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4900	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9585	0.40	ng/ul	0.00
16) Chrysene-d12	21.45	240	8570	0.40	ng/ul	0.00
20) Perylene-d12	24.00	264	9498	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	1475	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	1782	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	12493	0.529	ng/ul#	1
5) 2-Methylnaphthalene	12.37	142	1225	0.080	ng/ul	92
7) Acenaphthylene	14.27	152	1827	0.096	ng/ul#	1
8) Acenaphthene	14.60	153	3508	0.223	ng/ul#	84
9) Fluorene	15.59	166	2864	0.156	ng/ul#	67
11) Pentachlorophenol	16.96	266	190	0.169	ng/ul#	42
12) Phenanthrene	17.31	178	7196	0.287	ng/ul#	48
13) Anthracene	17.46	178	3556	0.146	ng/ul#	1
15) Fluoranthene	19.33	202	2593	0.079	ng/ul#	1
17) Pyrene	19.69	202	4413	0.185	ng/ul#	60
18) Benzo(a)anthracene	21.43	228	734	0.032	ng/ul#	1
19) Chrysene	21.48	228	1566	0.060	ng/ul#	1
21) Benzo(b)fluoranthene	23.21	252	2662	0.103	ng/ul#	1
22) Benzo(k)fluoranthene	23.21	252	2235	0.075	ng/ul#	1
23) Benzo(a)pyrene	23.88	252	1295	0.048	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.70	276	898	0.033	ng/ul#	47
25) Dibenzo(a,h)anthracene	26.69	278	733	0.032	ng/ul#	1
26) Benzo(g,h,i)perylene	27.57	276	1560	0.066	ng/ul#	1

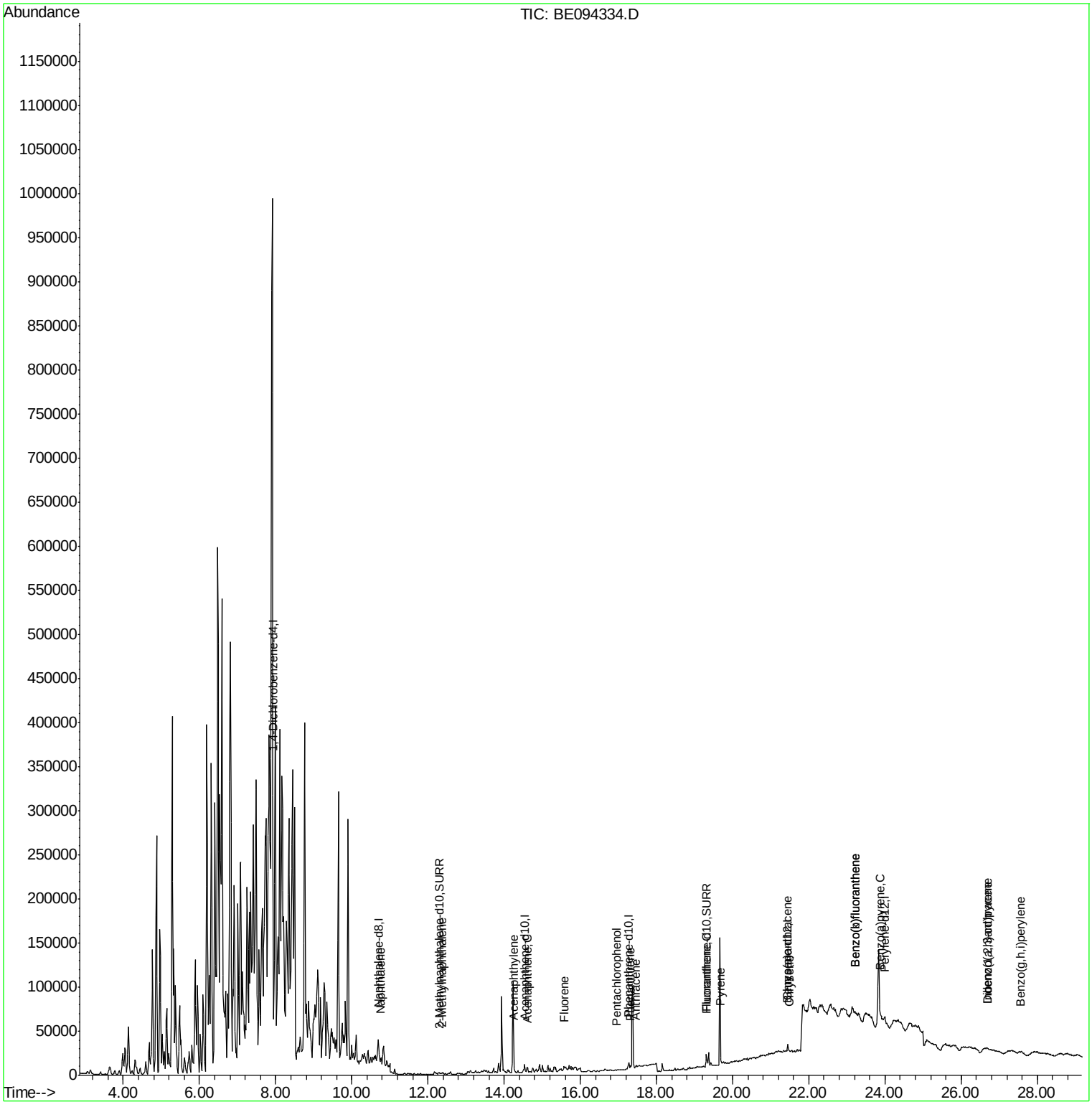
(#) = qualifier out of range (m) = manual integration (+) = signals summed

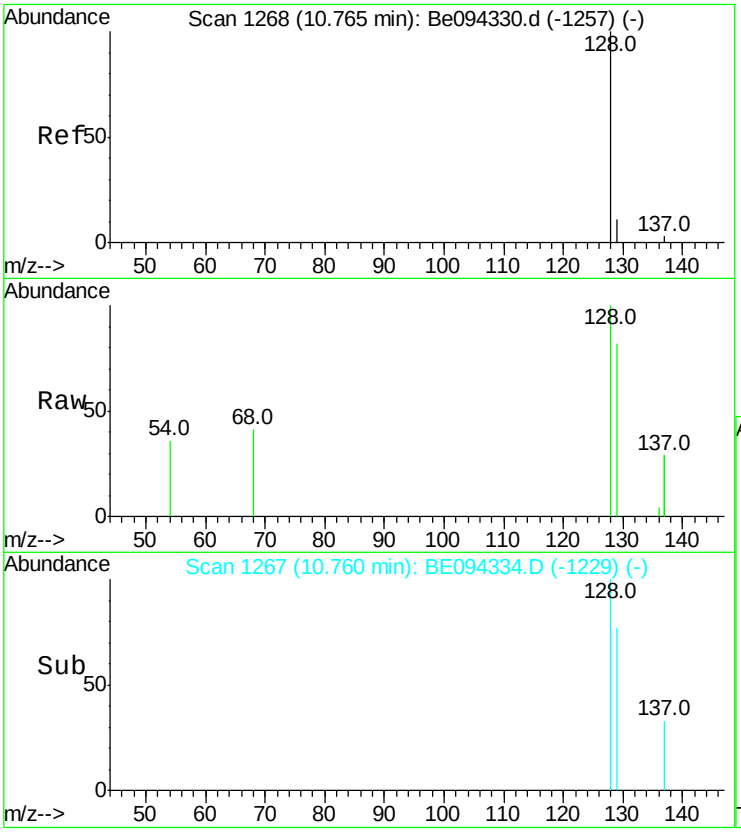
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094334.D
Acq On : 13 Oct 2017 21:50
Operator : SJ/JU
Sample : I5568-05DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 14 04:02:00 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 03:57:24 2017
Response via : Initial Calibration



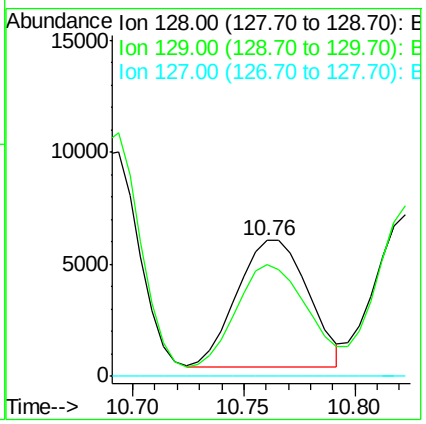


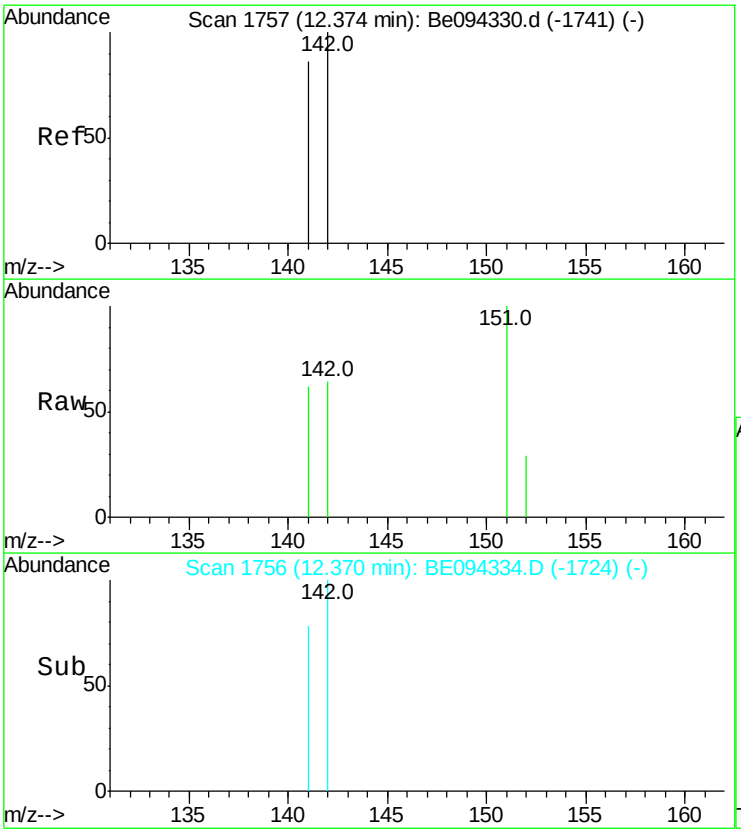
#3
Naphthalene
Concen: 0.529 ng/ul
RT: 10.76 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 12493

Ion	Ratio	Lower	Upper
128	100		
129	82.3	11.3	16.9#
127	0.0	4.0	6.0#

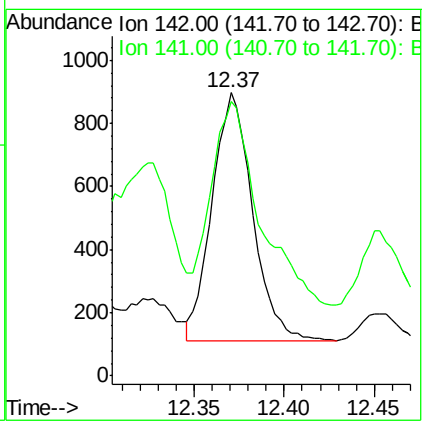


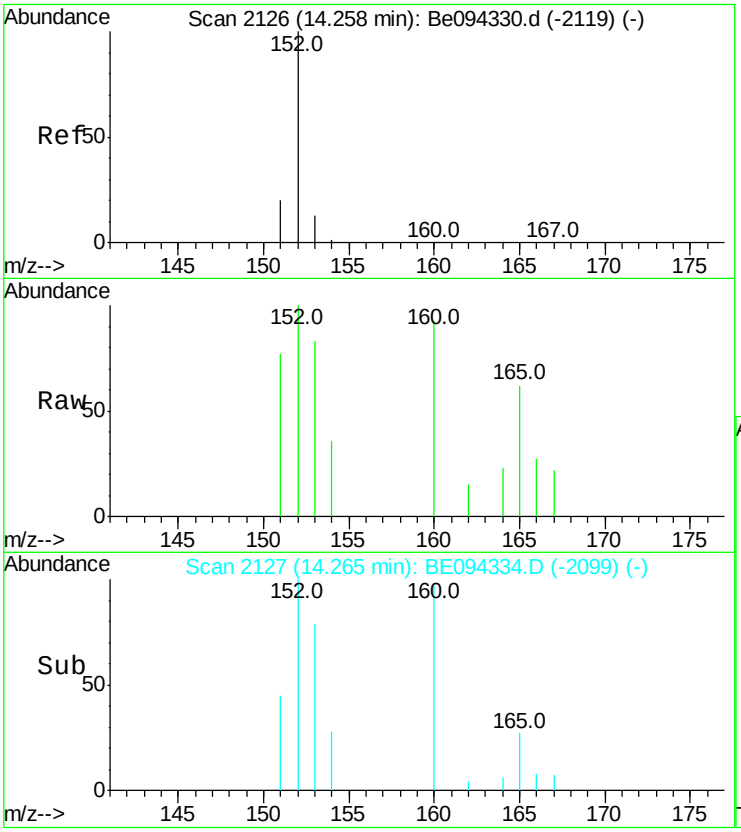


#5
2-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 12.37 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Tgt Ion:142 Resp: 1225

Ion	Ratio	Lower	Upper
142	100		
141	97.9	72.6	108.8



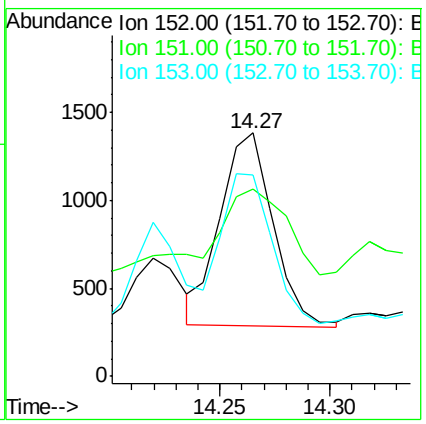


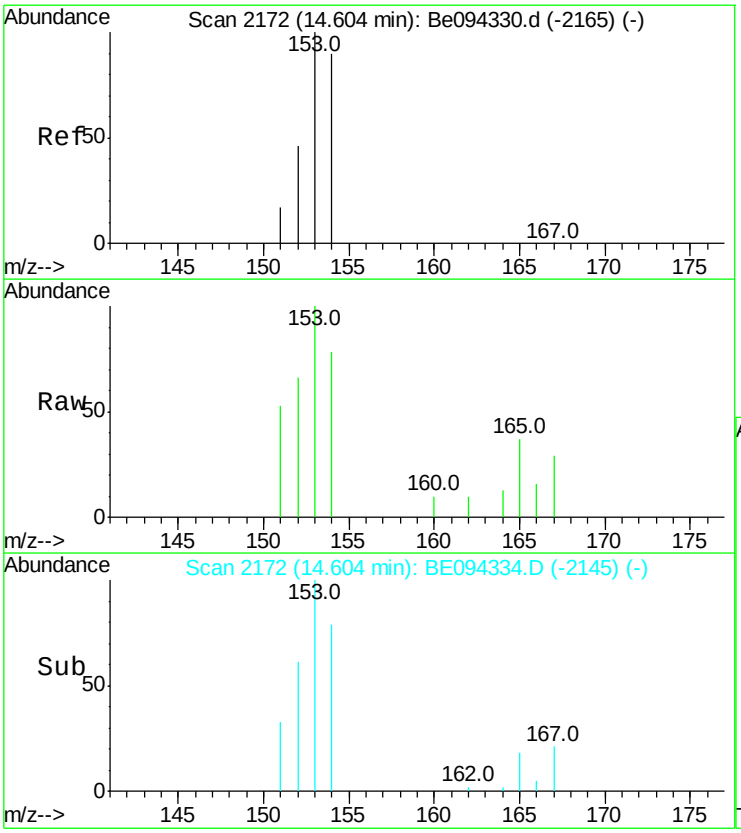
#7
Acenaphthylene
Concen: 0.096 ng/ul
RT: 14.27 min Scan# 2127
Delta R.T. 0.01 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1827

Ion	Ratio	Lower	Upper
152	100		
151	77.0	17.1	25.7#
153	82.6	12.8	19.2#

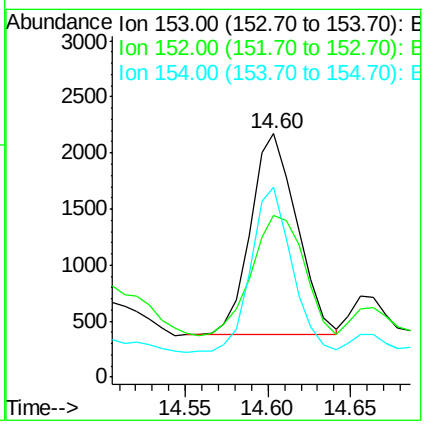


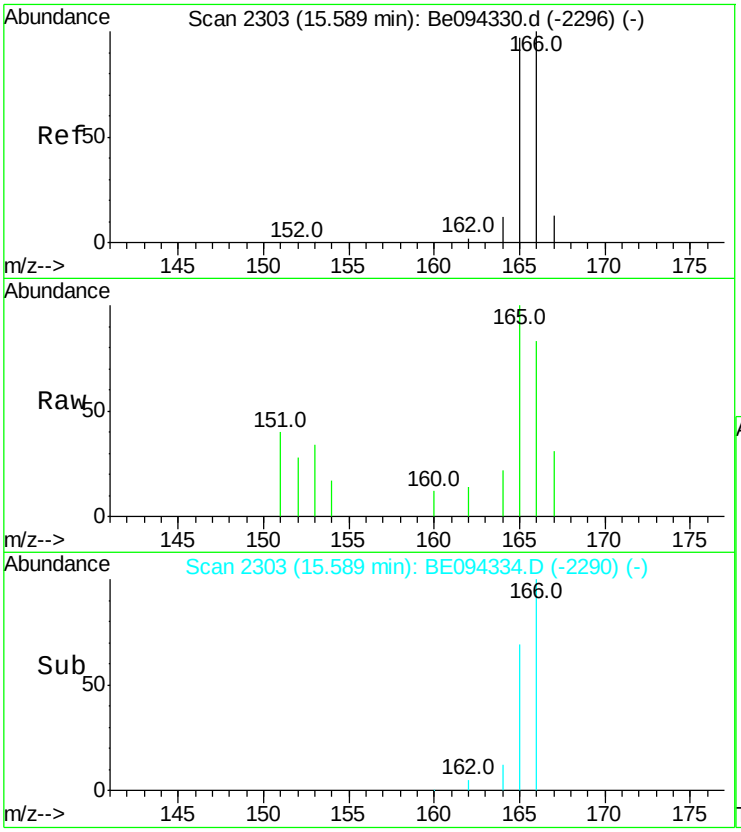


#8
Acenaphthene
Concen: 0.223 ng/ul
RT: 14.60 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Tgt Ion:153 Resp: 3508

Ion	Ratio	Lower	Upper
153	100		
152	66.4	40.3	60.5#
154	77.7	71.4	107.2



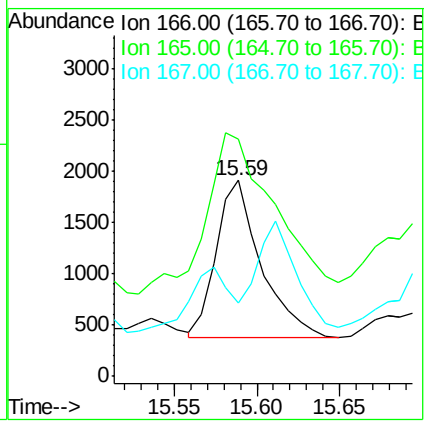


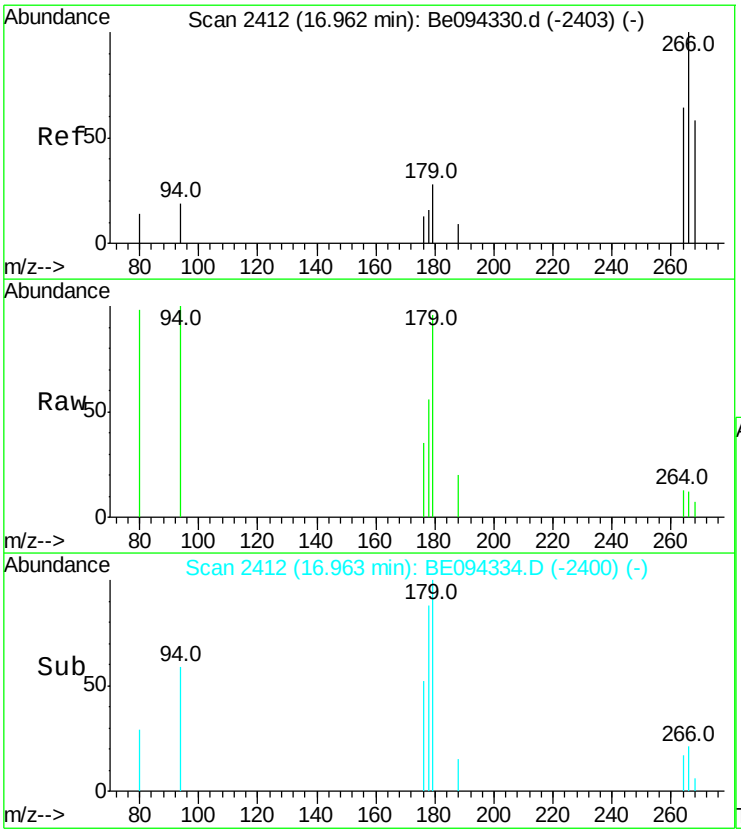
#9
Fluorene
Concen: 0.156 ng/ul
RT: 15.59 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 2864

Ion	Ratio	Lower	Upper
166	100		
165	121.1	73.4	110.2#
167	37.7	14.6	22.0#

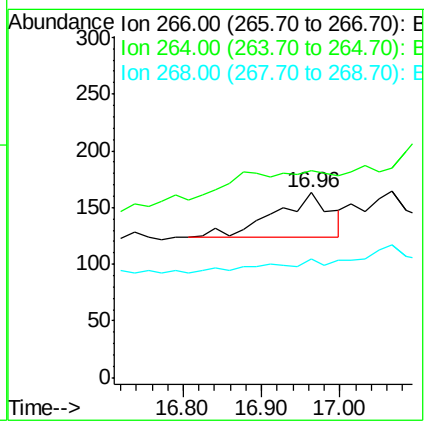


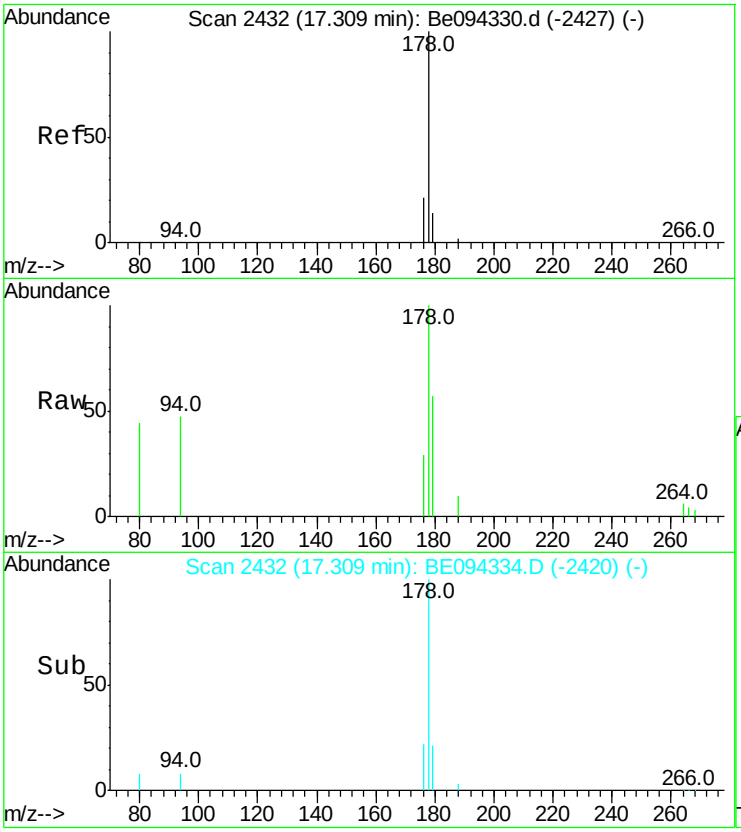


#11
Pentachlorophenol
Concen: 0.169 ng/ul
RT: 16.96 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Tgt Ion:266 Resp: 190

Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9#
268	33.7	49.8	74.8#



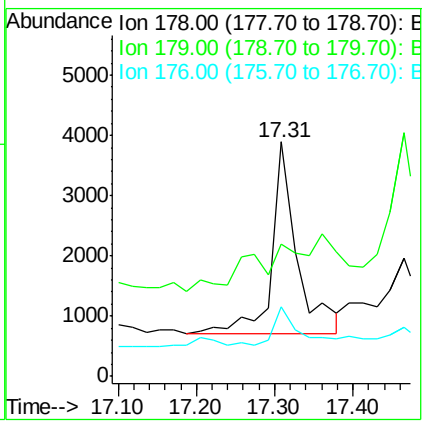


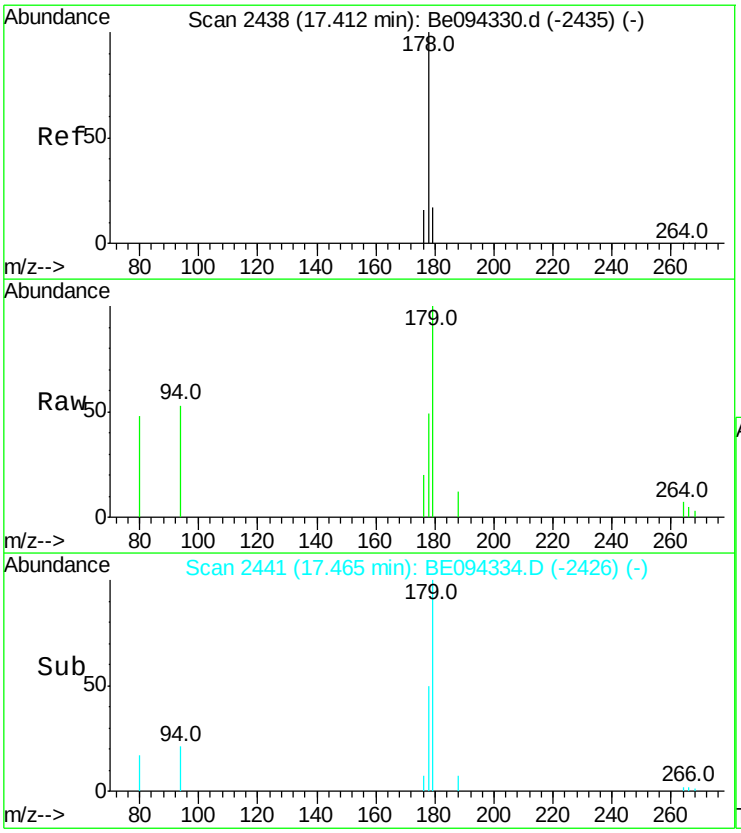
#12
Phenanthrene
Concen: 0.287 ng/ul
RT: 17.31 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7196

Ion	Ratio	Lower	Upper
178	100		
179	56.6	18.4	27.6#
176	29.4	13.6	20.4#

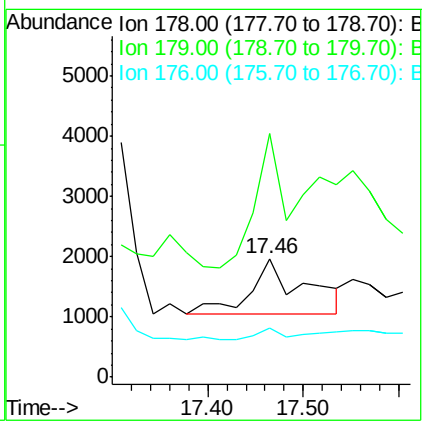


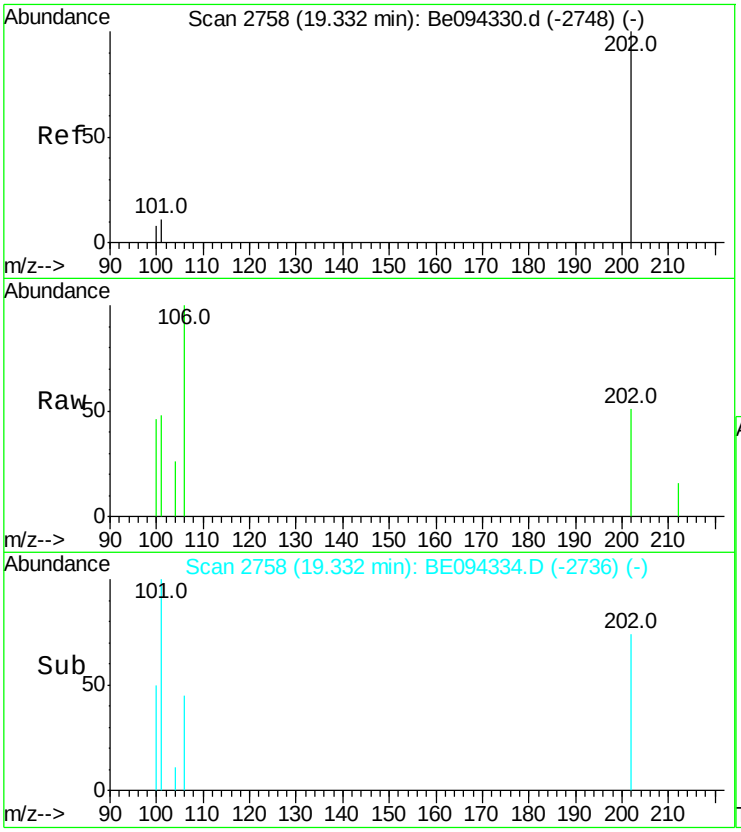


#13
Anthracene
Concen: 0.146 ng/ul
RT: 17.46 min Scan# 2441
Delta R.T. 0.05 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Tgt Ion:178 Resp: 3556

Ion	Ratio	Lower	Upper
178	100		
179	205.3	18.1	27.1#
176	41.7	14.7	22.1#



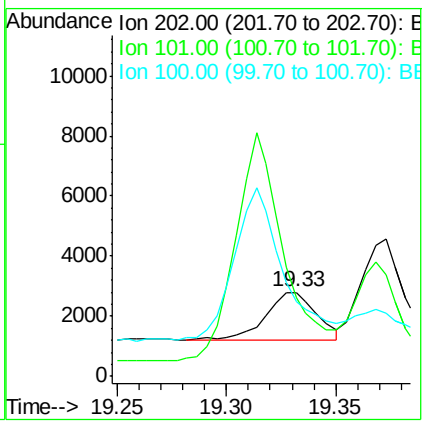


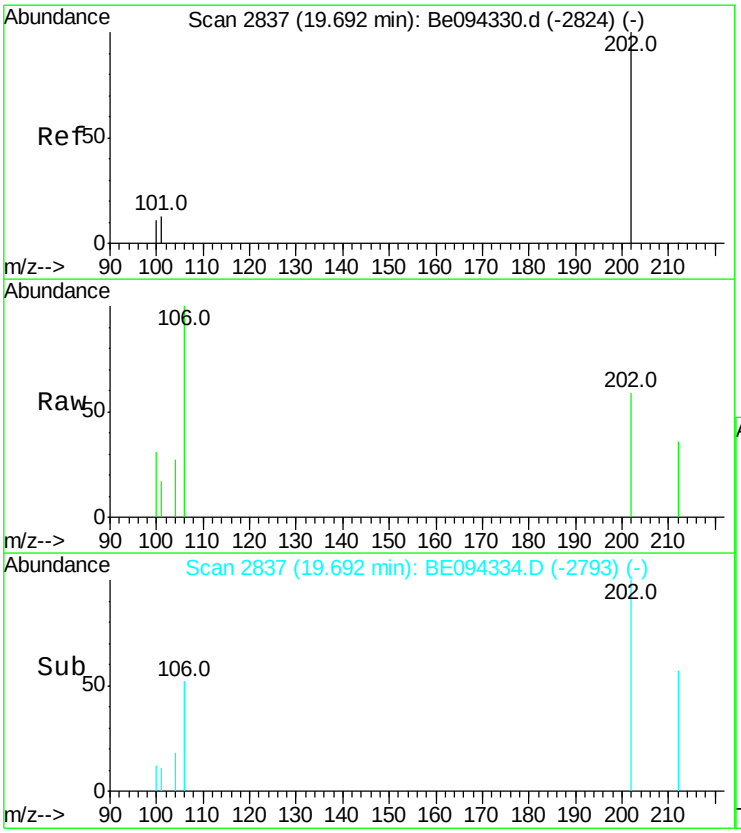
#15
Fluoranthene
Concen: 0.079 ng/ul
RT: 19.33 min Scan# 2758
Delta R.T. 0.00 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 2593

Ion	Ratio	Lower	Upper
202	100		
101	94.0	0.0	30.3#
100	89.6	0.0	39.5#

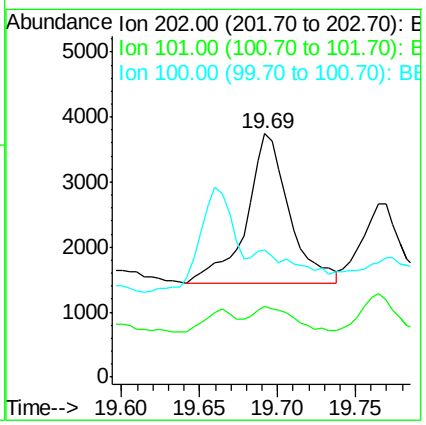


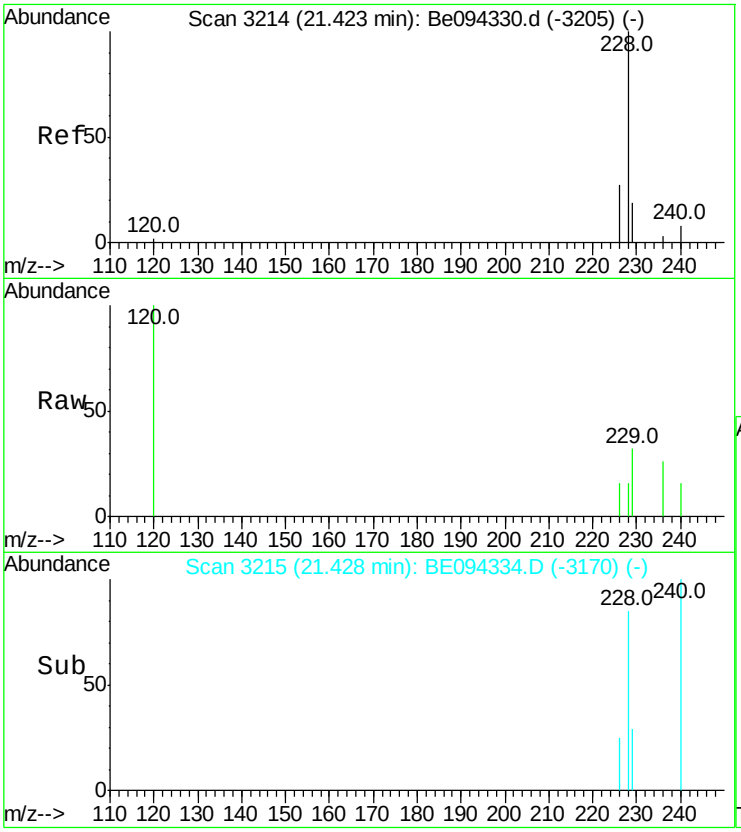


#17
Pyrene
Concen: 0.185 ng/ul
RT: 19.69 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Tgt Ion:202 Resp: 4413

Ion	Ratio	Lower	Upper
202	100		
101	29.1	18.2	27.4#
100	52.5	15.6	23.4#



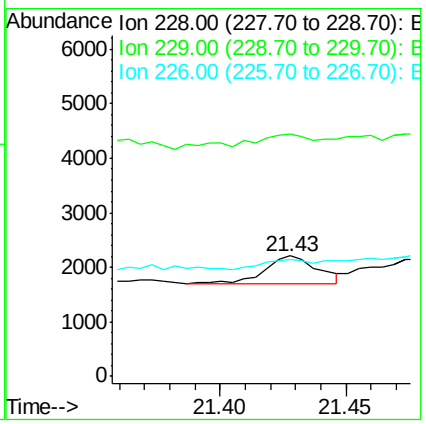


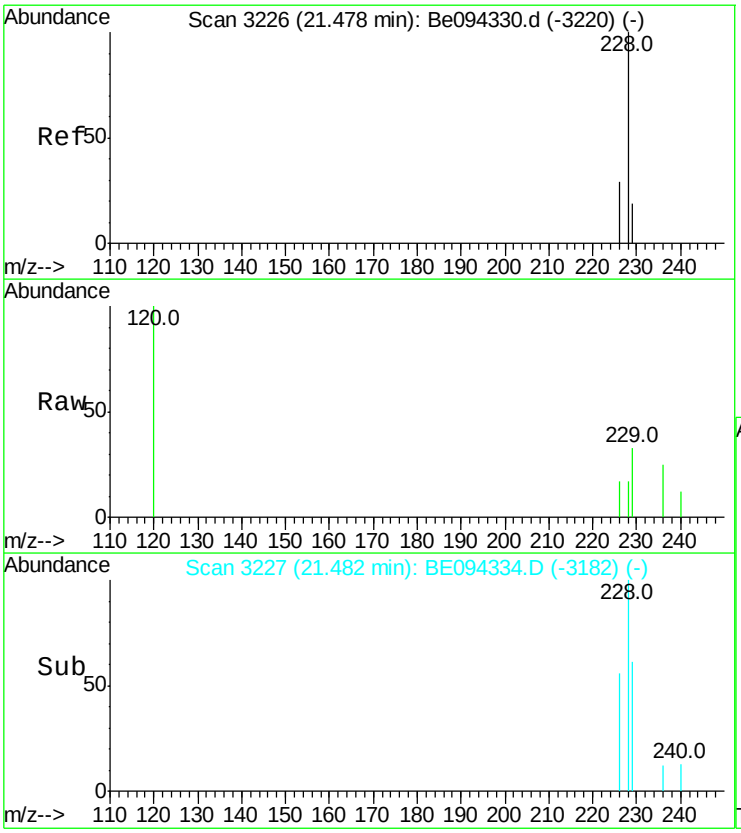
#18
Benzo(a)anthracene
Concen: 0.032 ng/ul
RT: 21.43 min Scan# 3215
Delta R.T. 0.00 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 734

Ion	Ratio	Lower	Upper
228	100		
229	201.3	22.8	34.2#
226	96.9	17.0	25.6#

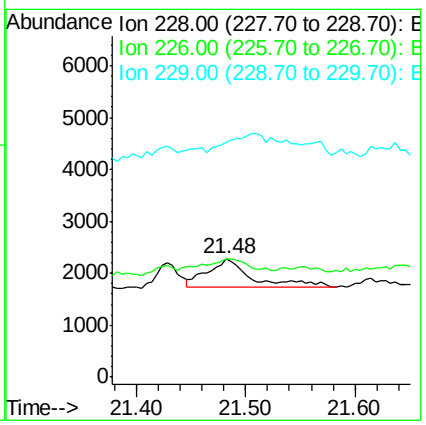


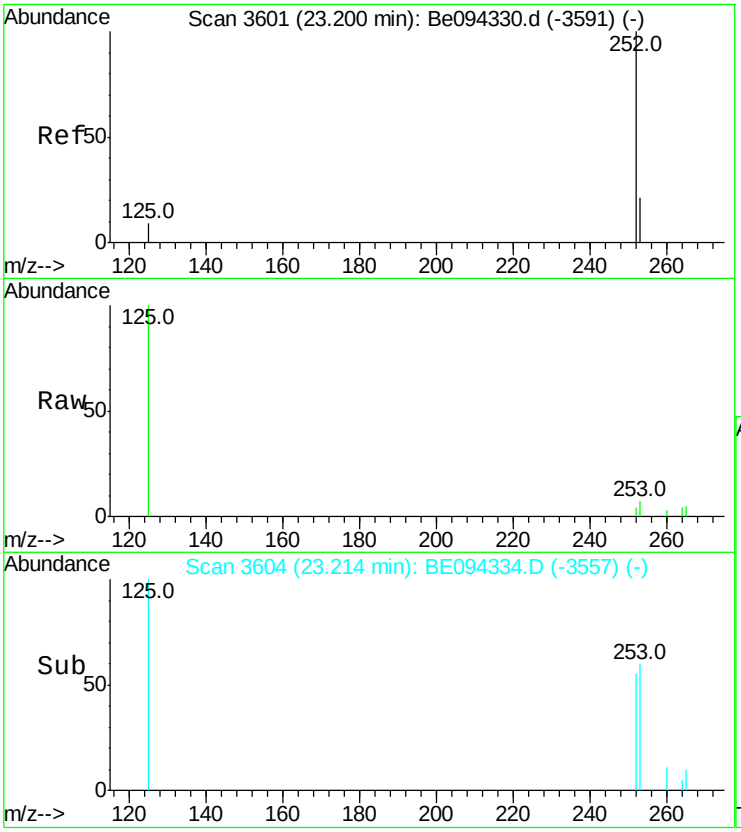


#19
Chrysene
Concen: 0.060 ng/ul
RT: 21.48 min Scan# 3227
Delta R.T. 0.00 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Tgt Ion:228 Resp: 1566

Ion	Ratio	Lower	Upper
228	100		
226	100.2	23.4	35.0#
229	198.1	17.7	26.5#



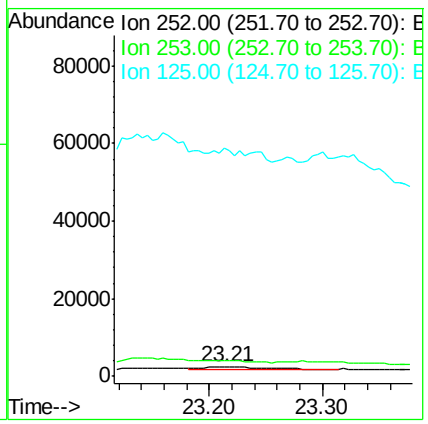


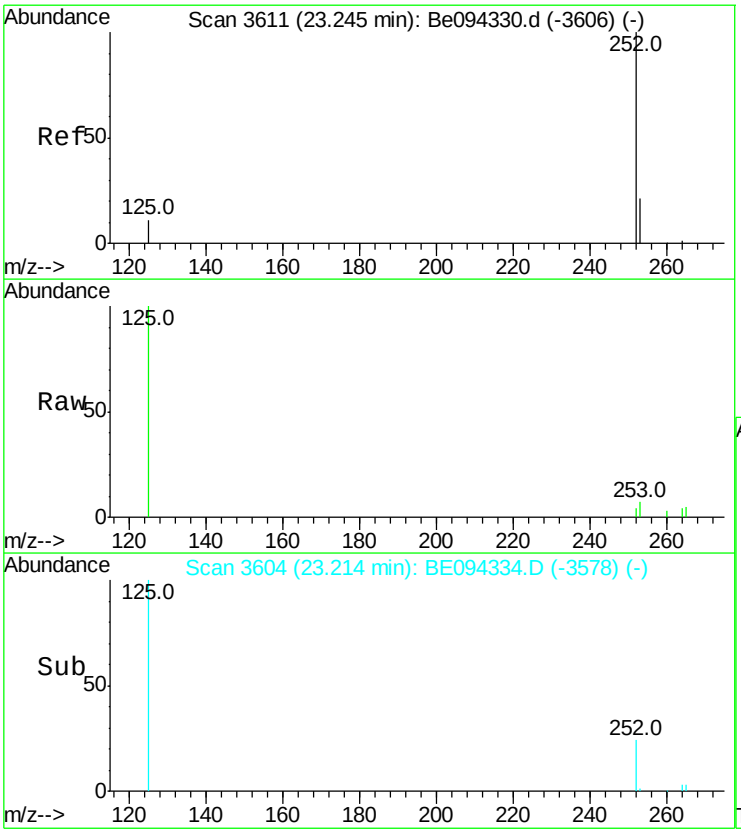
#21
Benzo(b)fluoranthene
Concen: 0.103 ng/ul
RT: 23.21 min Scan# 3604
Delta R.T. 0.01 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2662

Ion	Ratio	Lower	Upper
252	100		
253	164.4	0.0	64.2#
125	2351.0	0.0	35.0#

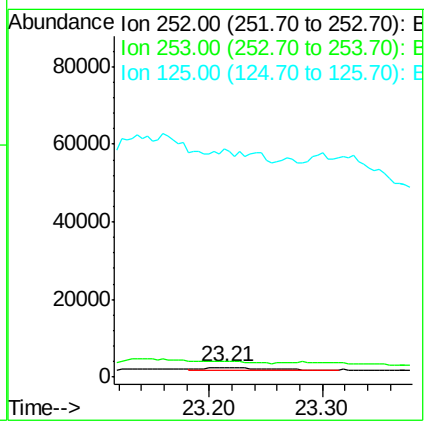


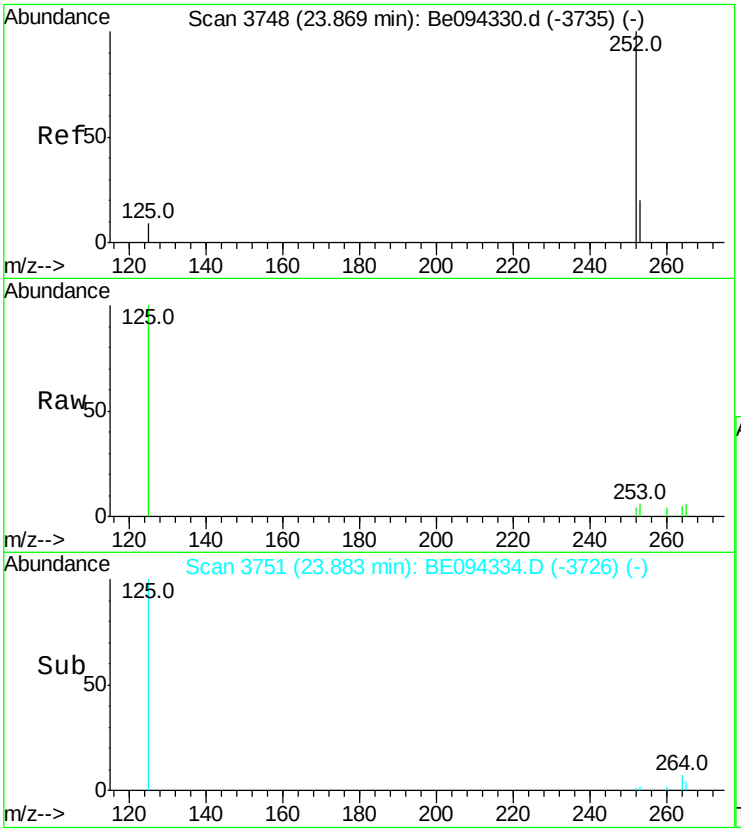


#22
Benzo(k)fluoranthene
Concen: 0.075 ng/ul
RT: 23.21 min Scan# 3604
Delta R.T. -0.03 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Tgt Ion:252 Resp: 2235

Ion	Ratio	Lower	Upper
252	100		
253	164.4	24.5	36.7#
125	2351.0	13.7	20.5#



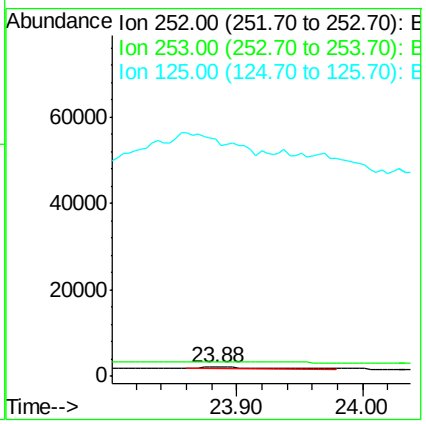


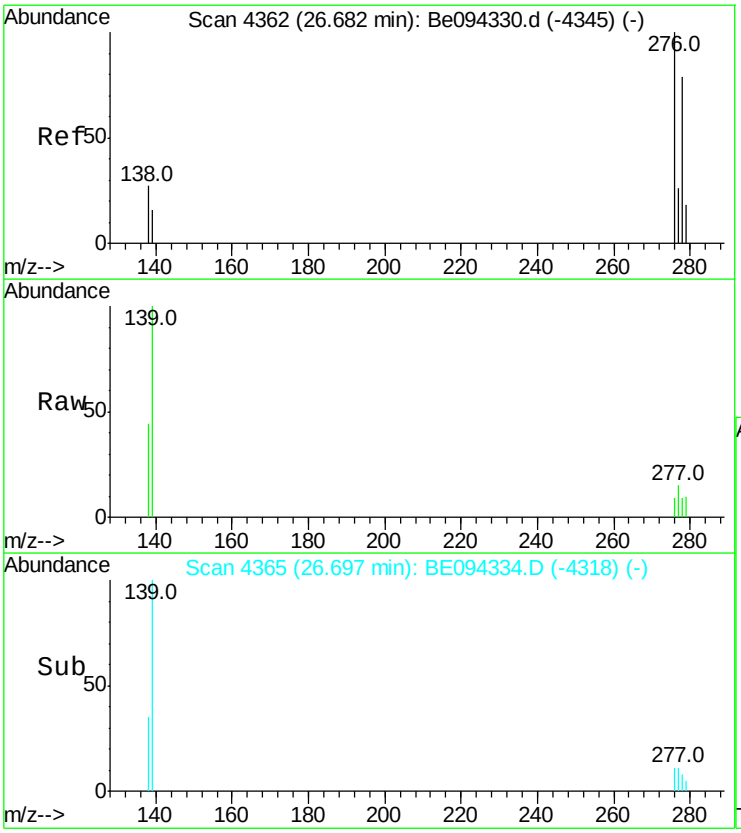
#23
Benzo(a)pyrene
Concen: 0.048 ng/ul
RT: 23.88 min Scan# 3751
Delta R.T. 0.01 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1295

Ion	Ratio	Lower	Upper
252	100		
253	160.1	28.5	42.7#
125	2545.1	18.1	27.1#

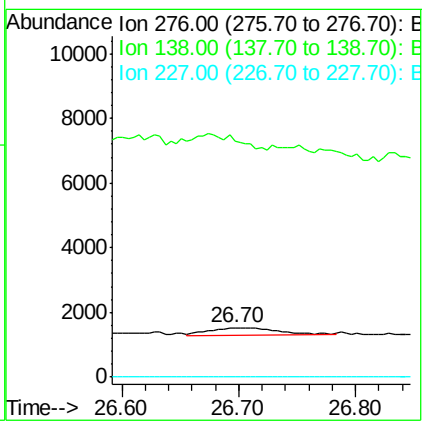


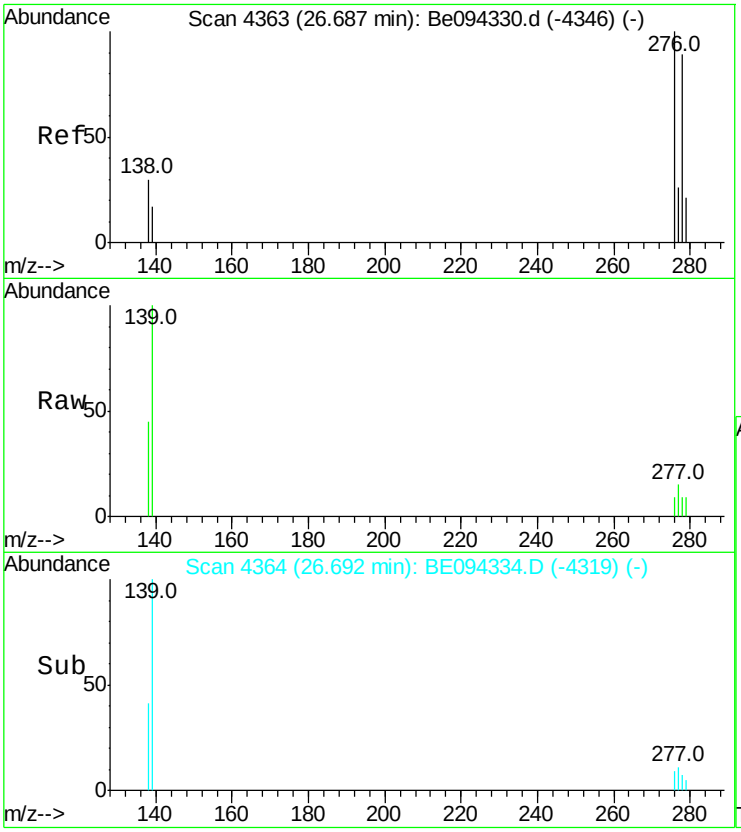


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng/ul
RT: 26.70 min Scan# 4365
Delta R.T. 0.01 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Tgt Ion:276 Resp: 898

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



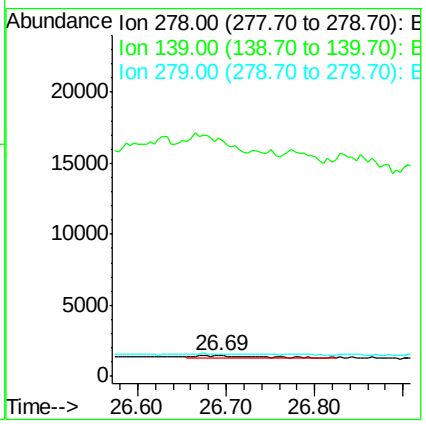


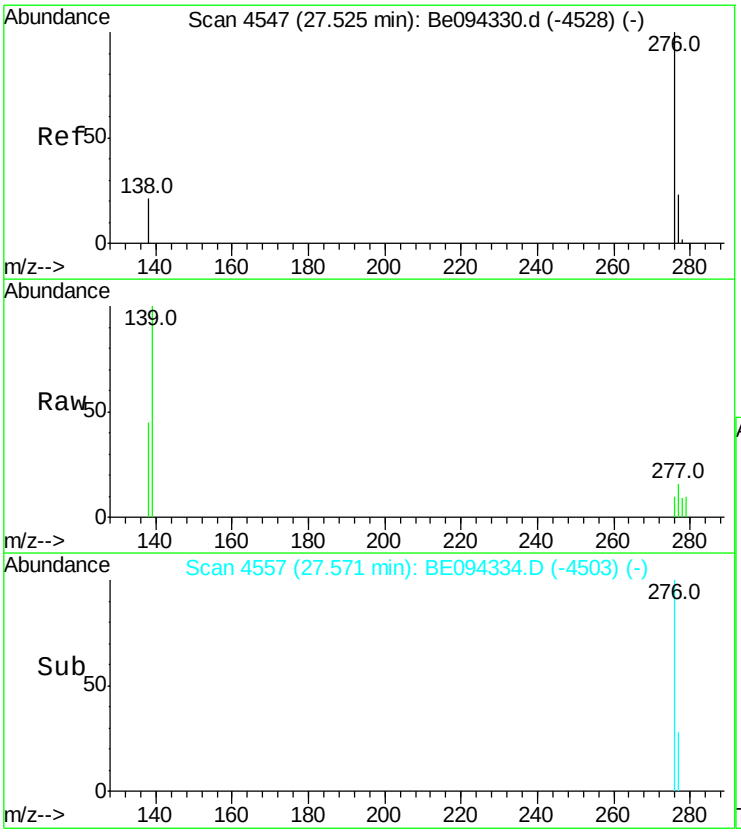
#25
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 26.69 min Scan# 4364
Delta R.T. 0.01 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 733

Ion	Ratio	Lower	Upper
278	100		
139	1161.0	17.4	26.0#
279	109.5	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.066 ng/ul
RT: 27.57 min Scan# 4557
Delta R.T. 0.05 min
Lab File: BE094334.D
Acq: 13 Oct 2017 21:50

Tgt Ion:276 Resp: 1560

Ion	Ratio	Lower	Upper
276	100		
138	443.8	21.8	32.8#
277	160.4	20.5	30.7#