Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
Data File : BE094669.D
Acq On : 31 Oct 2017 21:50
Operator : SJ/JU
Sample : I5873-05RE 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 01 02:58:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 02:55:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1284	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	7776	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.48	164	5976	0.40	ng/ul	-0.04
10) Phenanthrene-d10	17.26	188	8728	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	8256	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	9481	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	159791	12.66	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	94039	3.63	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	263875	13.88	ng/ul#	93
5) 2-Methylnaphthalene	12.41	142	338441	25.44	ng/ul	98
7) Acenaphthylene	14.21	152	2941	0.11	ng/ul#	1
8) Acenaphthene	14.59	153	26263	1.35	ng/ul#	70
9) Fluorene	15.57	166	47106	2.16	ng/ul#	87
11) Pentachlorophenol	17.03	266	209	0.48	ng/ul#	53
12) Phenanthrene	17.29	178	318496	13.82	ng/ul#	89
13) Anthracene	17.38	178	15490	0.68	ng/ul#	75
15) Fluoranthene	19.31	202	17484	0.66	ng/ul	79
17) Pyrene	19.67	202	49670	1.95	ng/ul#	87
18) Benzo(a)anthracene	21.41	228	9668	0.41	ng/ul#	46
19) Chrysene	21.46	228	15229	0.62	ng/ul#	63
21) Benzo(b)fluoranthene	23.18	252	8078	0.30	ng/ul#	1
22) Benzo(k)fluoranthene	23.18	252	7999	0.28	ng/ul#	1
23) Benzo(a)pyrene	23.85	252	6941	0.26	ng/ul#	19
24) Indeno(1,2,3-cd)pyrene	26.66	276	2070	0.08	ng/ul#	47
25) Dibenzo(a,h)anthracene	26.64	278	1143	0.05	ng/ul#	1
26) Benzo(g,h,i)perylene	27.51	276	2897	0.13	ng/ul#	9

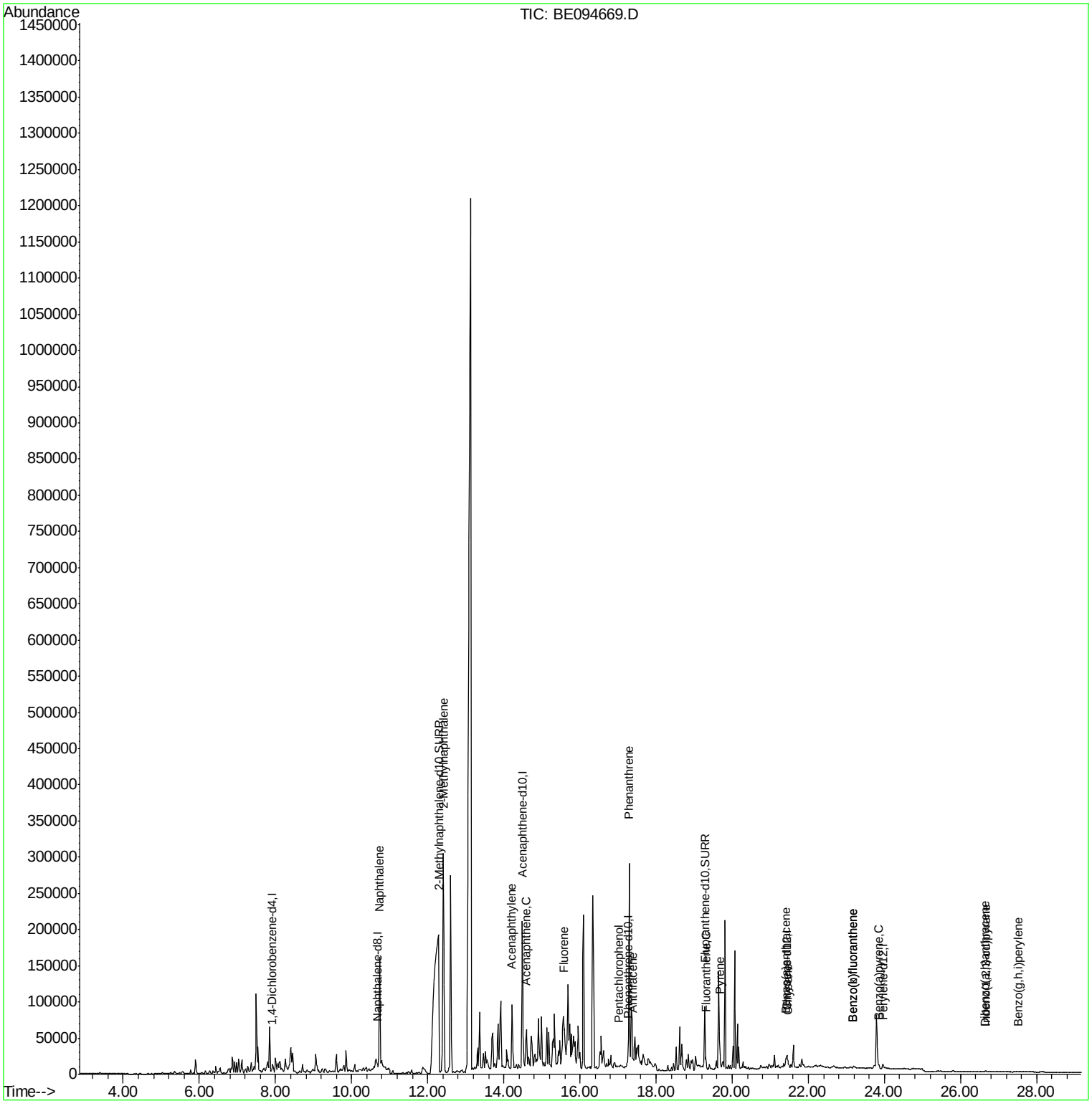
(#) = qualifier out of range (m) = manual integration (+) = signals summed

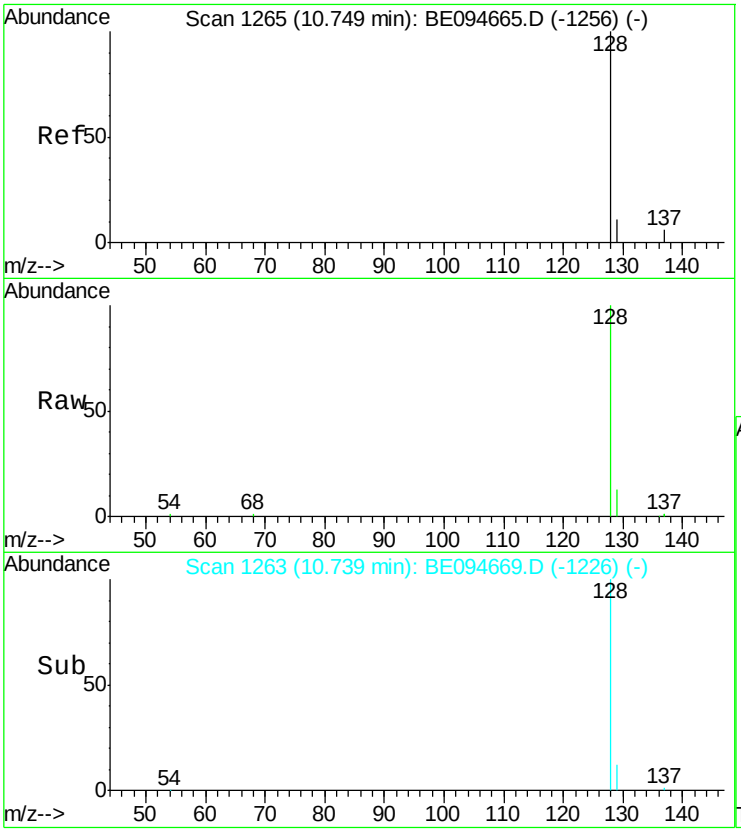
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
Data File : BE094669.D
Acq On : 31 Oct 2017 21:50
Operator : SJ/JU
Sample : I5873-05RE 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 01 02:58:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 02:55:07 2017
Response via : Initial Calibration



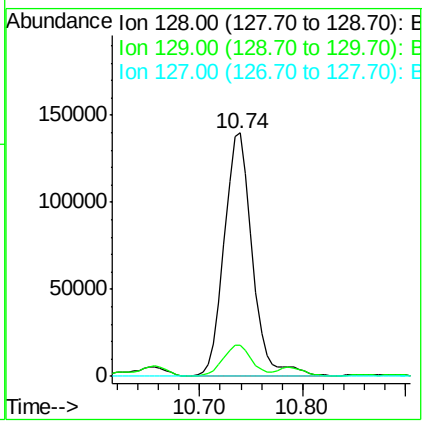


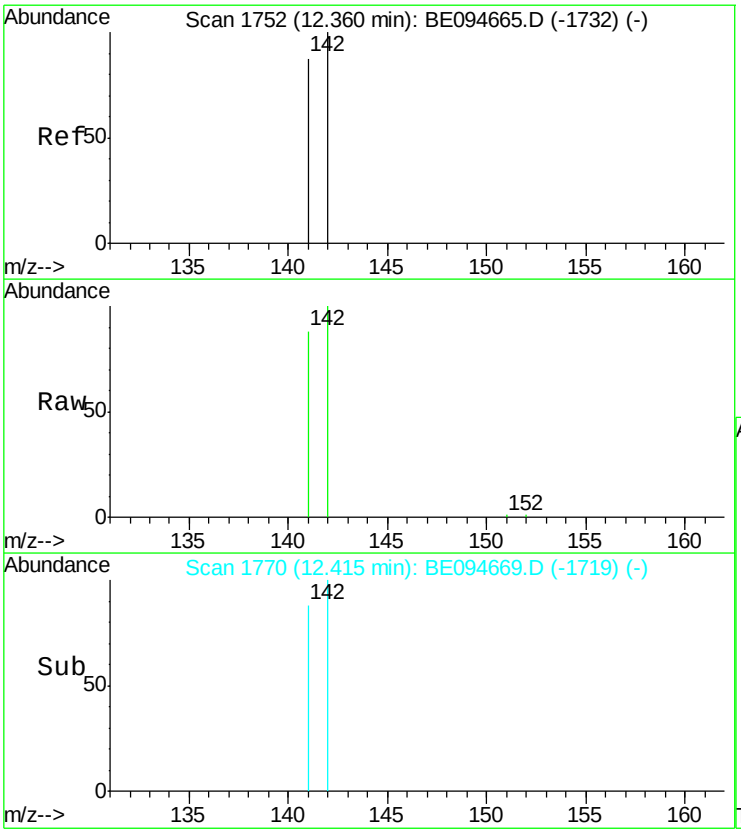
#3
Naphthalene
Concen: 13.88 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 263875

Ion	Ratio	Lower	Upper
128	100		
129	12.6	11.3	16.9
127	0.0	4.0	6.0#

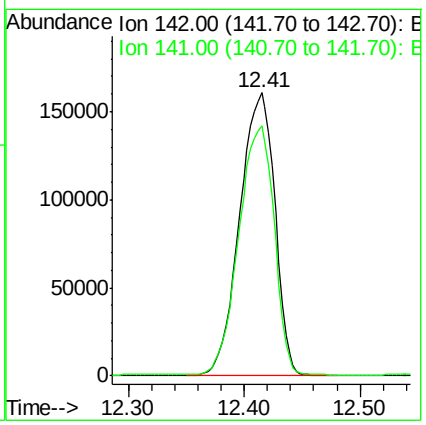


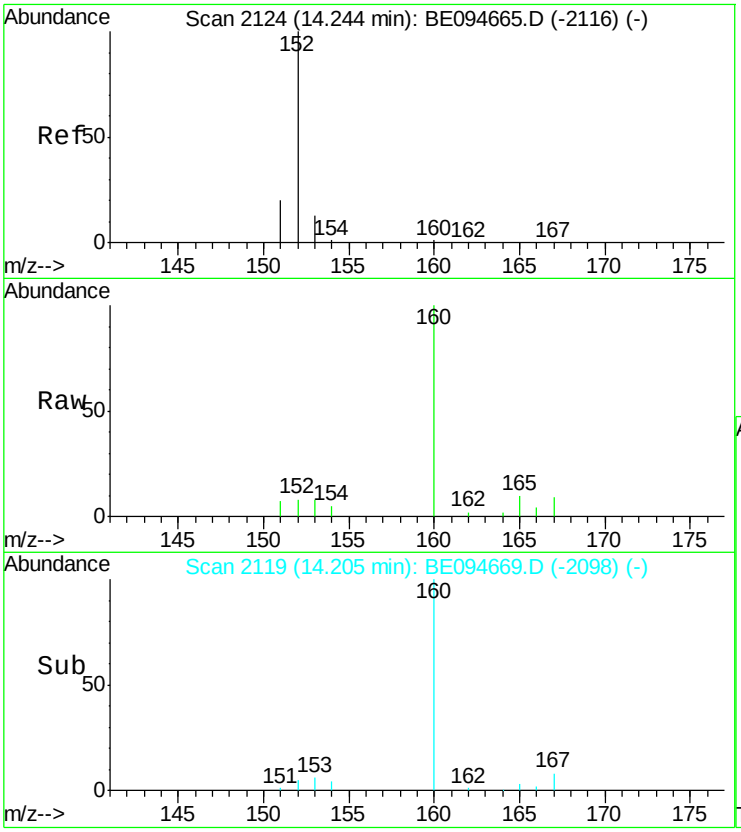


#5
2-Methylnaphthalene
Concen: 25.44 ng/ul
RT: 12.41 min Scan# 1770
Delta R.T. 0.05 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Tgt Ion:142 Resp: 338441

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8



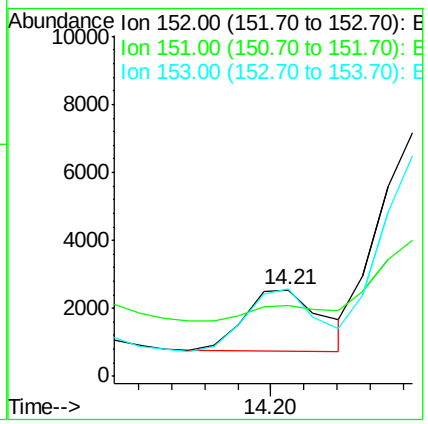


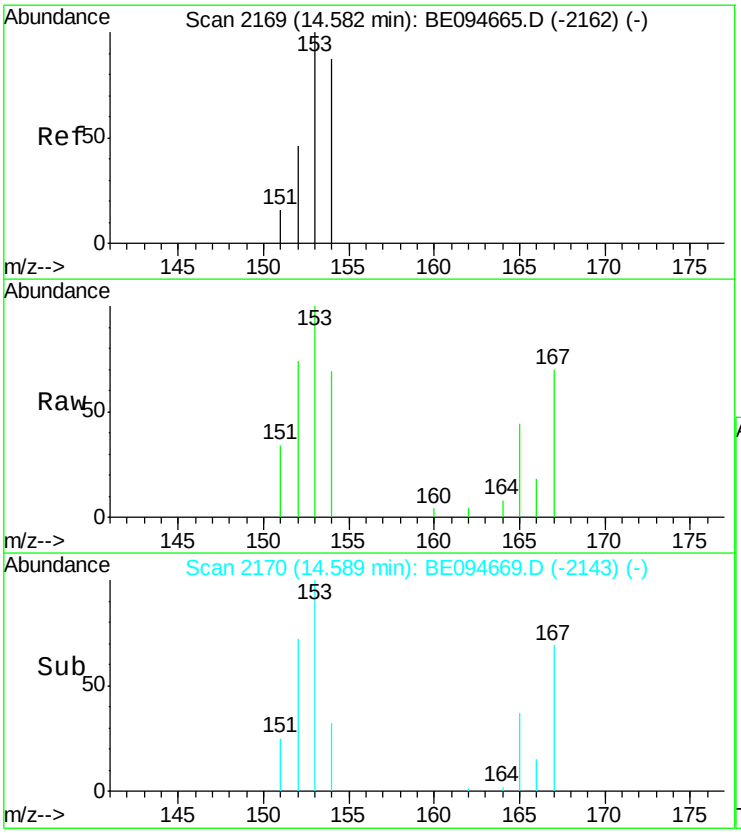
#7
Acenaphthylene
Concen: 0.11 ng/ul
RT: 14.21 min Scan# 2119
Delta R.T. -0.04 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2941

Ion	Ratio	Lower	Upper
152	100		
151	82.2	17.1	25.7#
153	100.2	12.8	19.2#

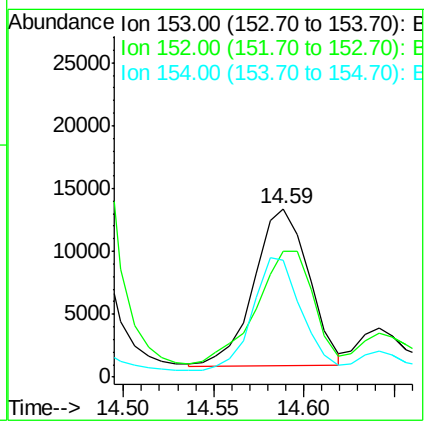


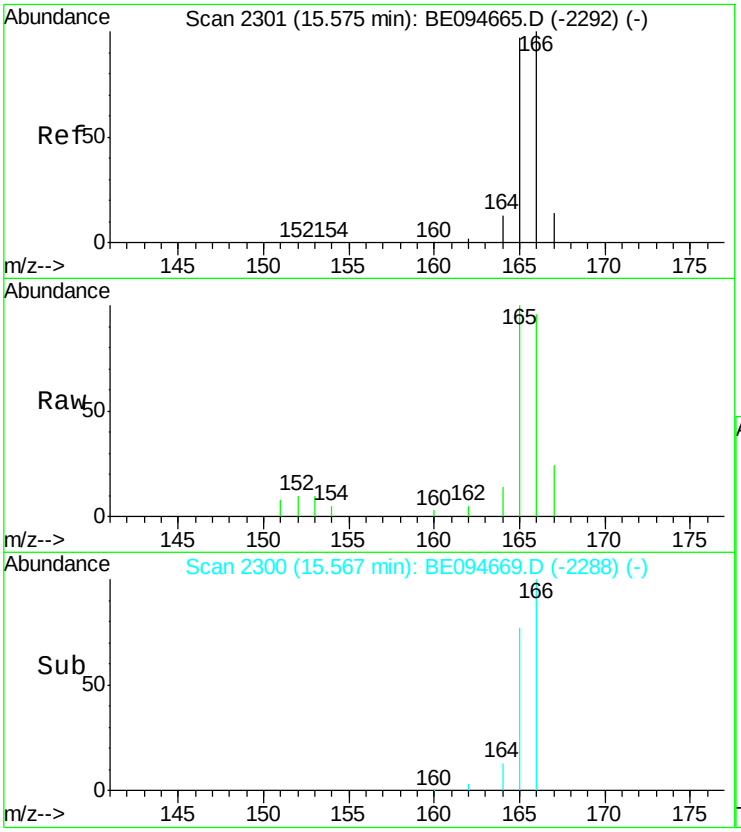


#8
Acenaphthene
Concen: 1.35 ng/ul
RT: 14.59 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Tgt Ion:153 Resp: 26263

Ion	Ratio	Lower	Upper
153	100		
152	74.3	36.0	54.0#
154	69.3	72.0	108.0#



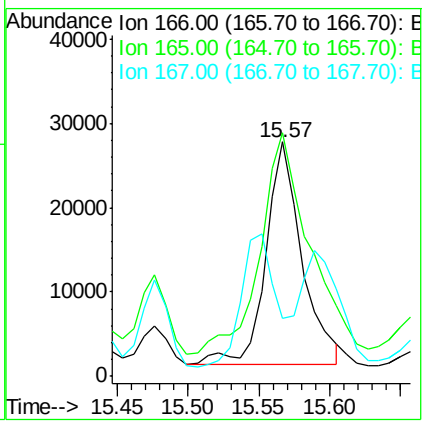


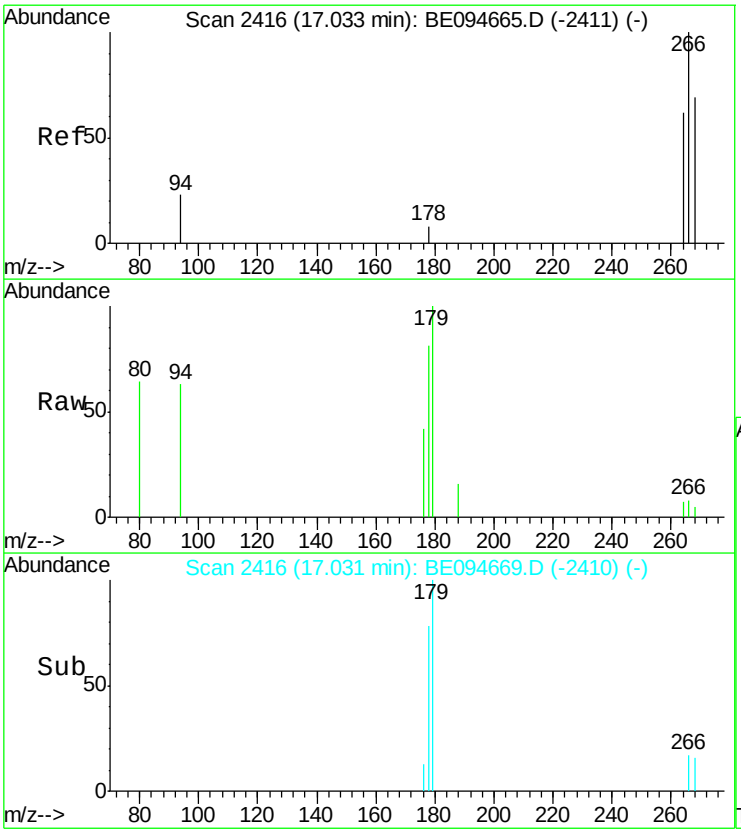
#9
Fluorene
Concen: 2.16 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 47106

Ion	Ratio	Lower	Upper
166	100		
165	104.0	73.4	110.2
167	24.6	14.6	22.0#

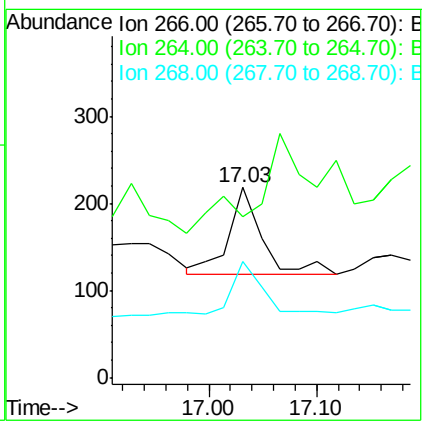


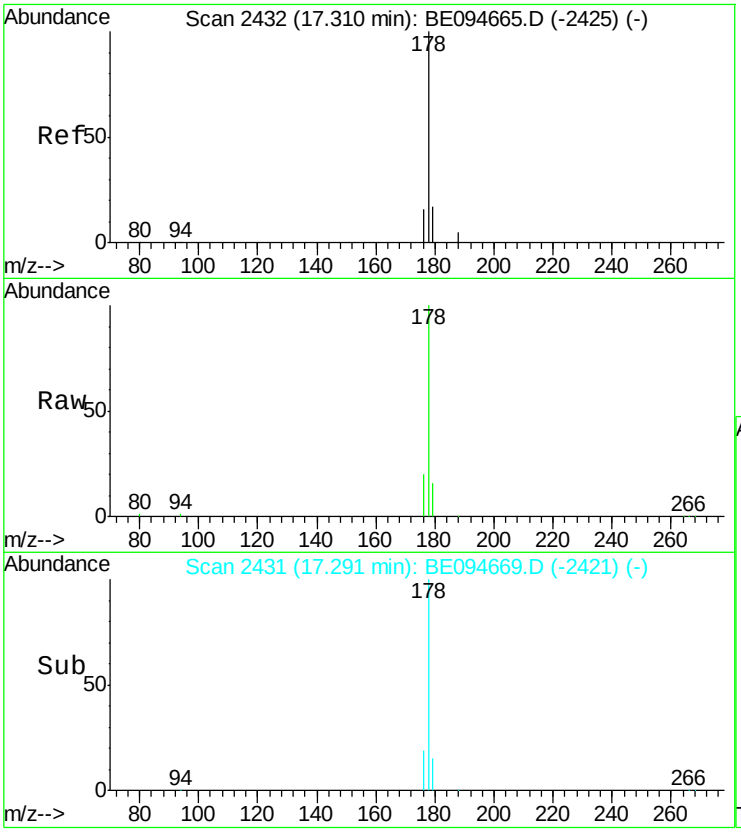


#11
Pentachlorophenol
Concen: 0.48 ng/ul
RT: 17.03 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Tgt Ion:266 Resp: 209

Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9#
268	50.7	49.8	74.8



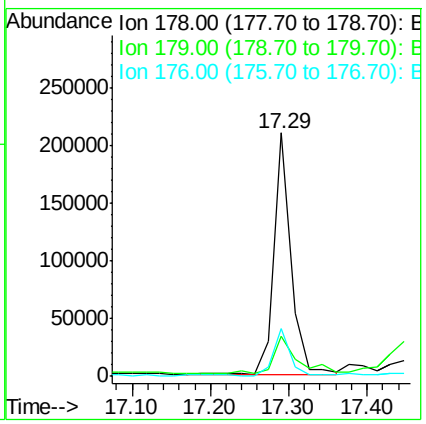


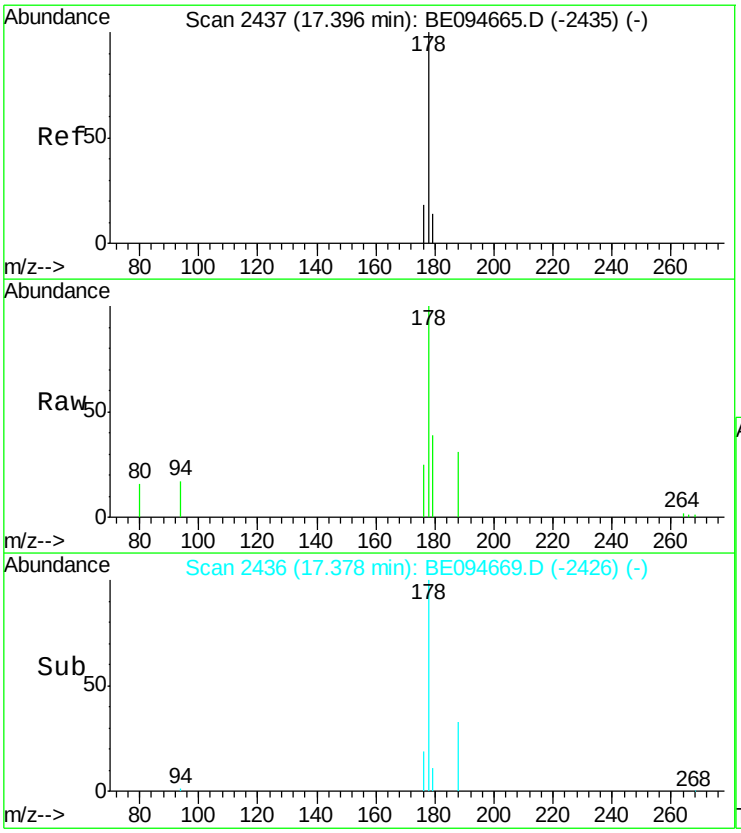
#12
Phenanthrene
Concen: 13.82 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 318496

Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.4	27.6#
176	19.6	13.6	20.4

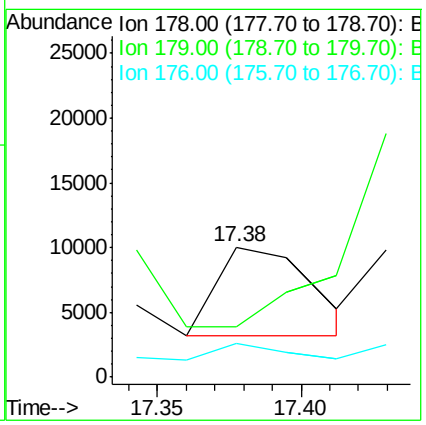


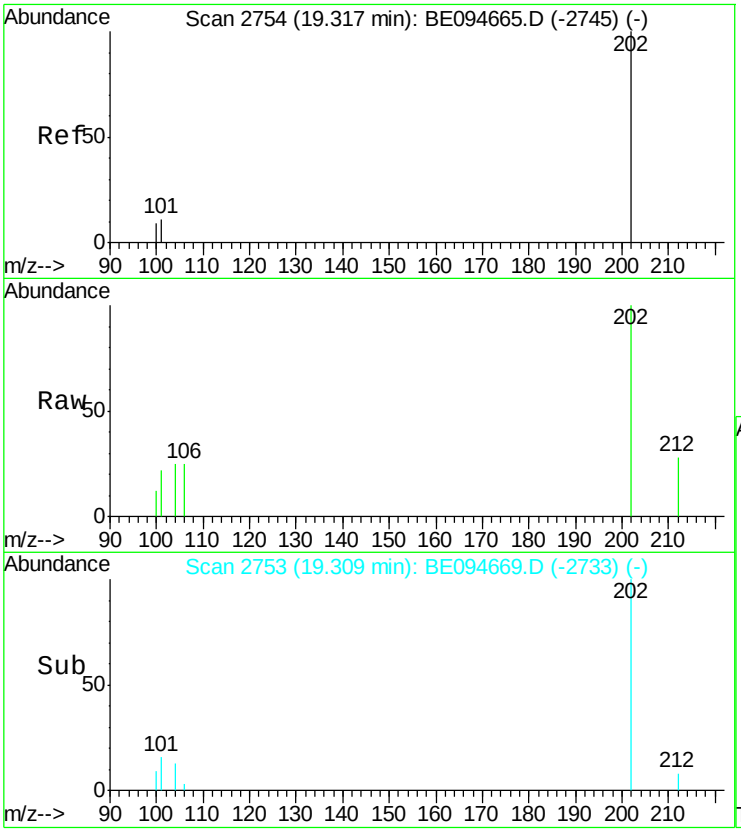


#13
Anthracene
Concen: 0.68 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Tgt Ion:178 Resp: 15490

Ion	Ratio	Lower	Upper
178	100		
179	38.7	18.1	27.1#
176	25.4	14.7	22.1#



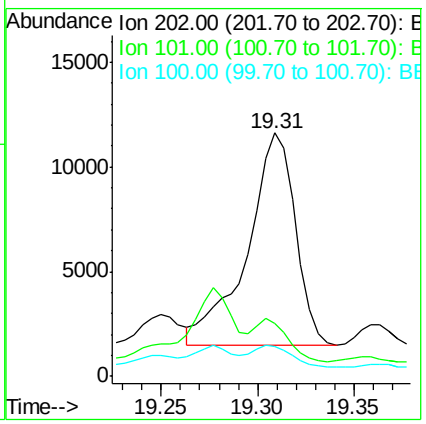


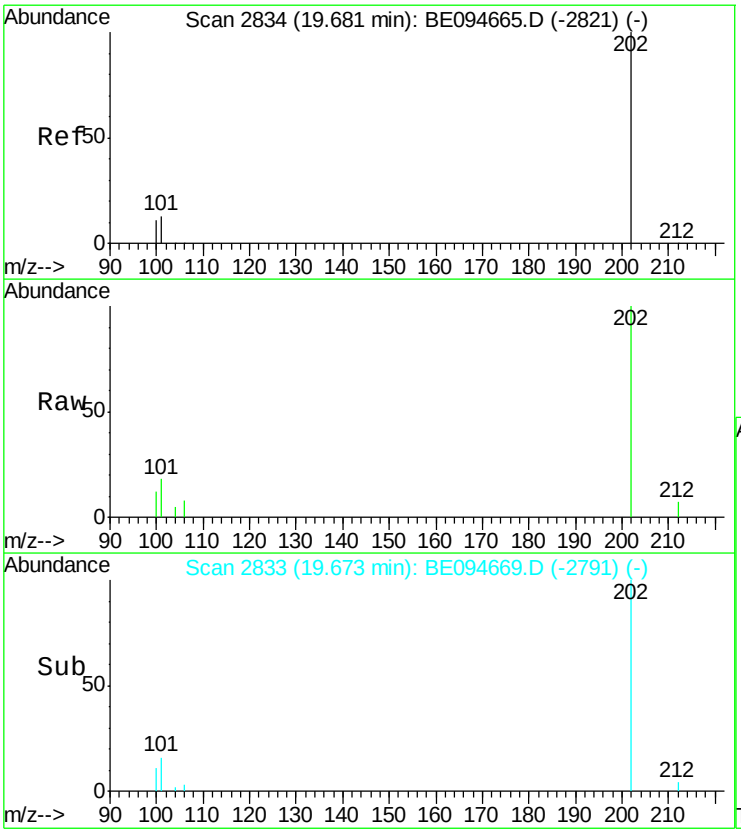
#15
Fluoranthene
Concen: 0.66 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 17484

Ion	Ratio	Lower	Upper
202	100		
101	21.6	0.0	30.3
100	12.5	0.0	39.5

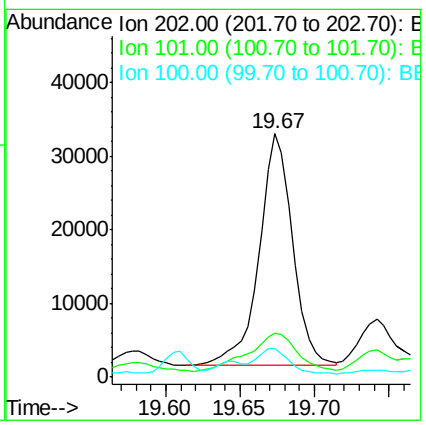


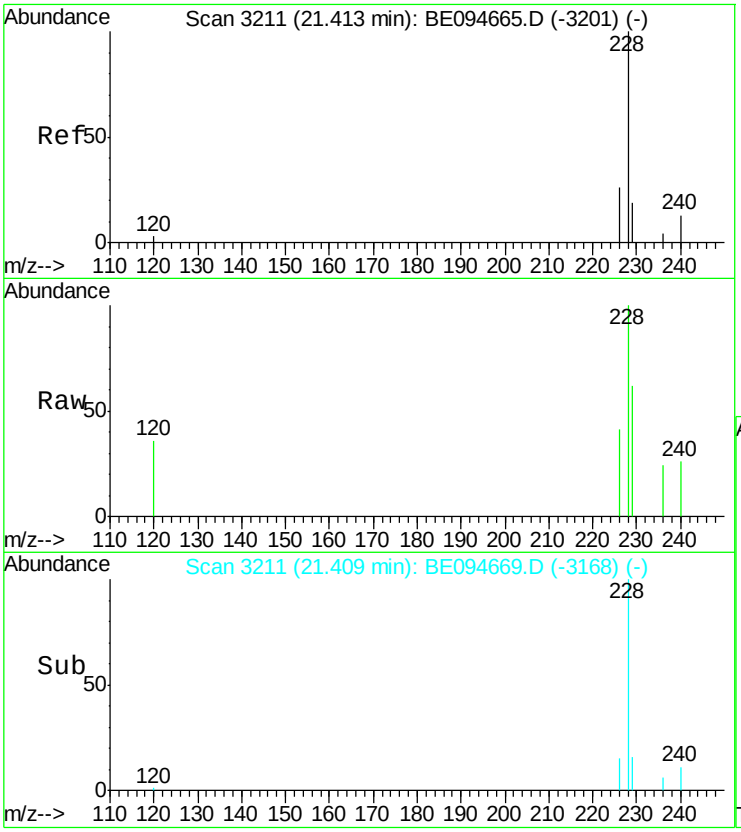


#17
Pyrene
Concen: 1.95 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Tgt Ion:202 Resp: 49670

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



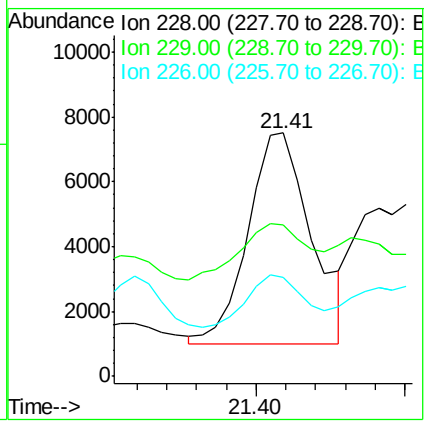


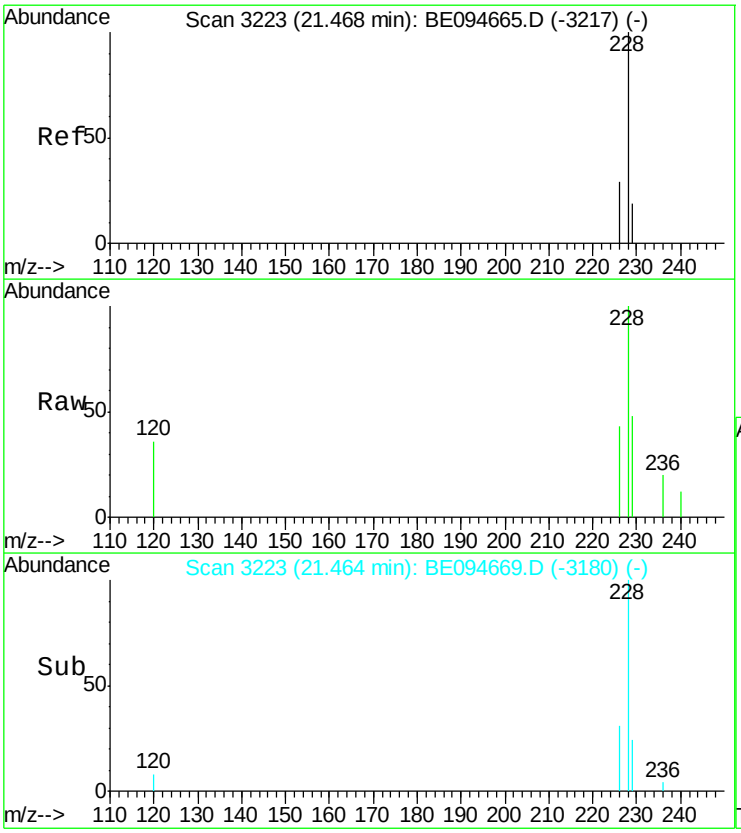
#18
Benzo(a)anthracene
Concen: 0.41 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9668

Ion	Ratio	Lower	Upper
228	100		
229	62.0	22.8	34.2#
226	40.9	17.0	25.6#

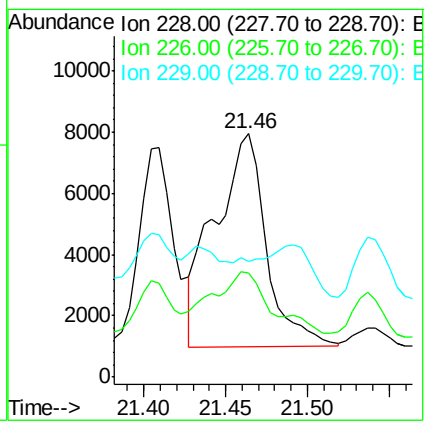


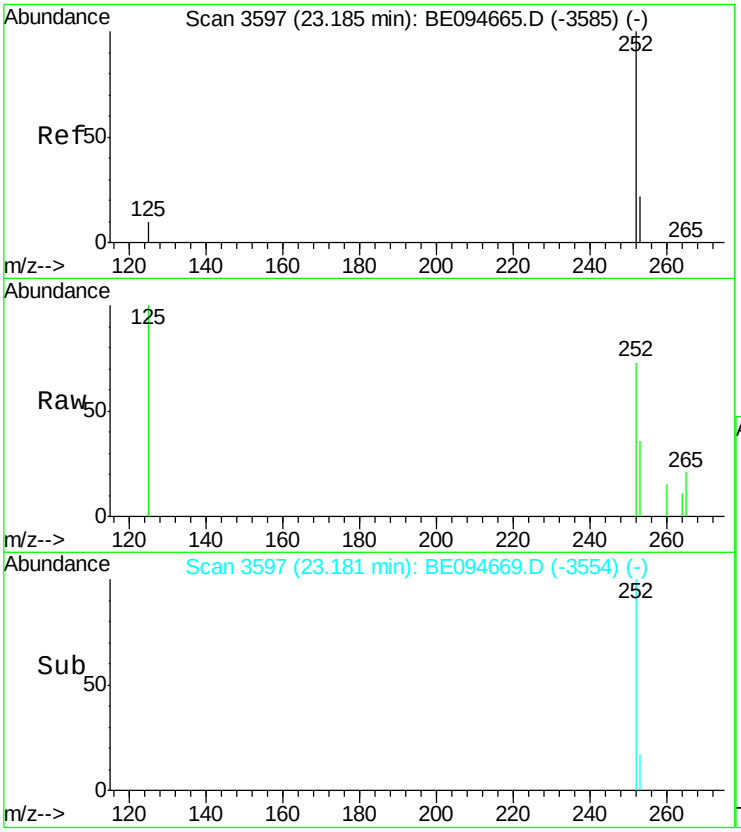


#19
Chrysene
Concen: 0.62 ng/ul
RT: 21.46 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Tgt Ion:228 Resp: 15229

Ion	Ratio	Lower	Upper
228	100		
226	42.7	23.4	35.0#
229	47.7	17.7	26.5#



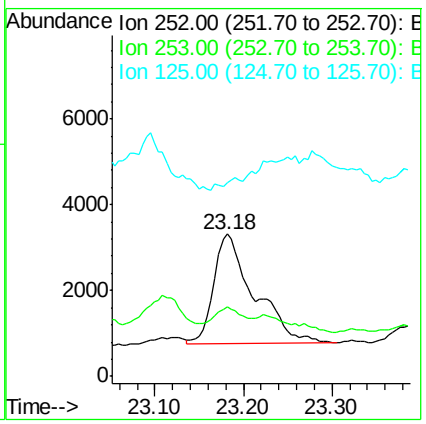


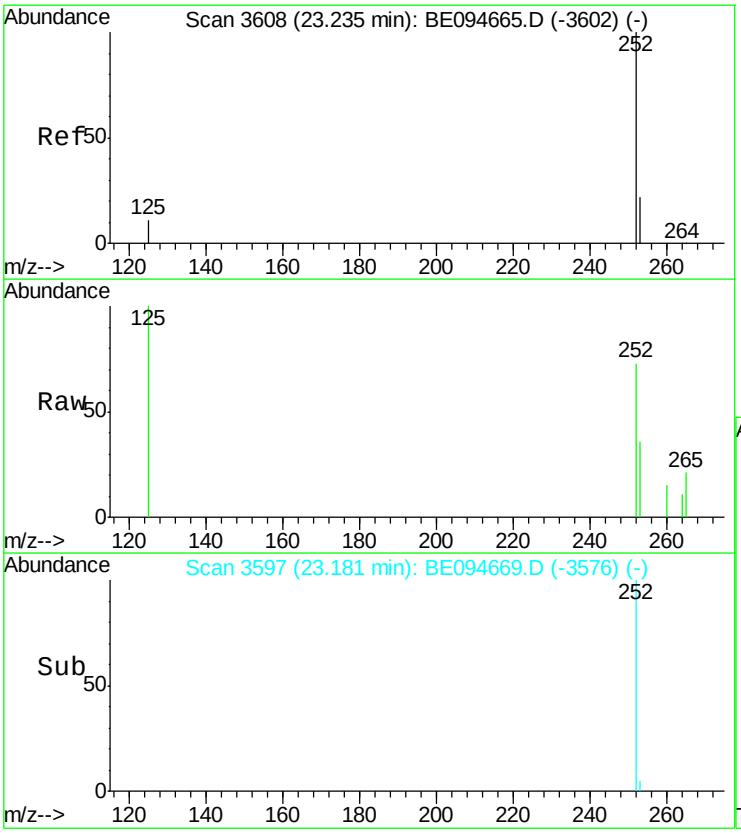
#21
Benzo(b)fluoranthene
Concen: 0.30 ng/ul
RT: 23.18 min Scan# 3597
Delta R.T. -0.00 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8078

Ion	Ratio	Lower	Upper
252	100		
253	48.9	0.0	64.2
125	136.5	0.0	35.0#

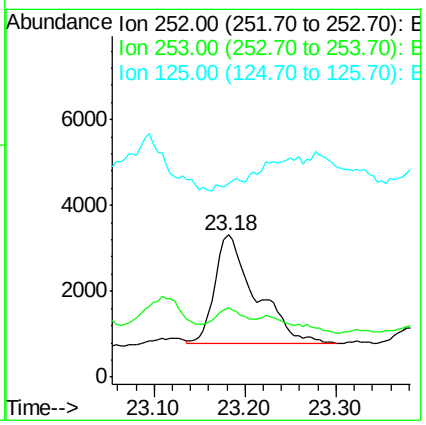


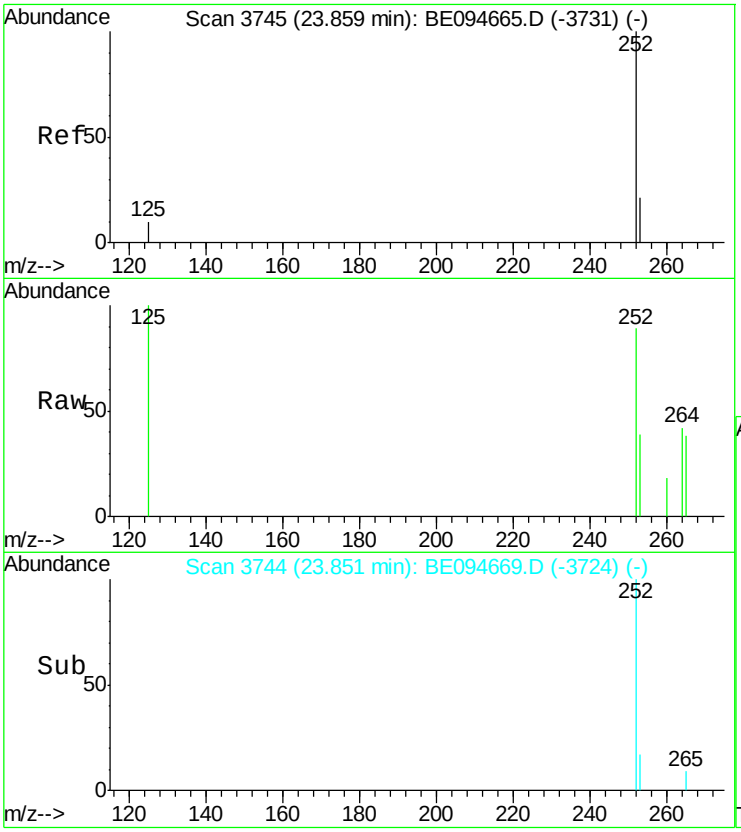


#22
Benzo(k)fluoranthene
Concen: 0.28 ng/ul
RT: 23.18 min Scan# 3597
Delta R.T. -0.05 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Tgt Ion:252 Resp: 7999

Ion	Ratio	Lower	Upper
252	100		
253	48.9	24.5	36.7#
125	136.5	13.7	20.5#



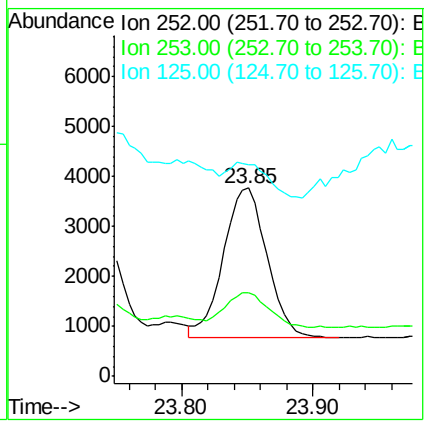


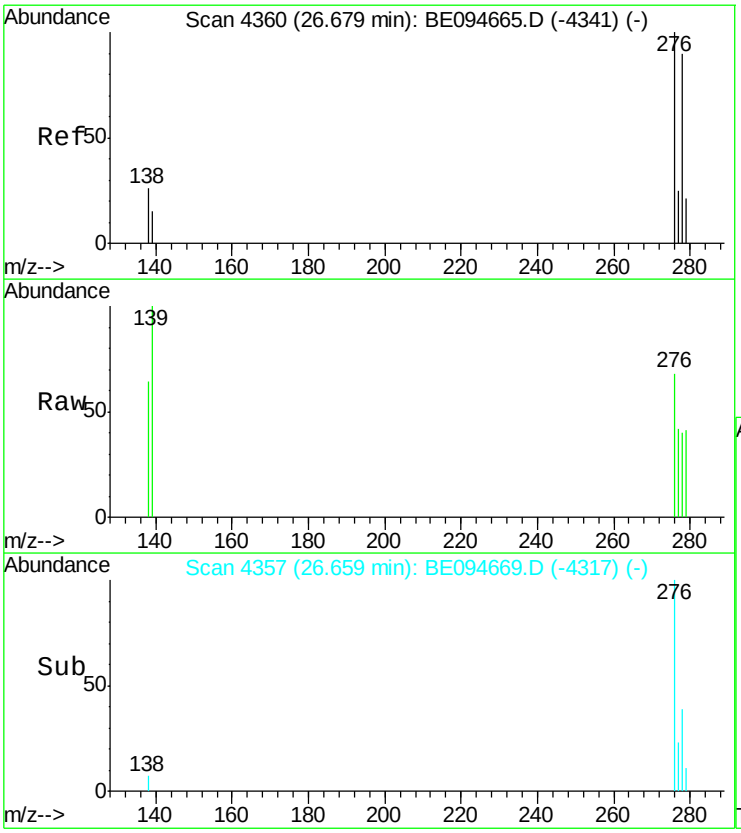
#23
Benzo(a)pyrene
Concen: 0.26 ng/ul
RT: 23.85 min Scan# 3744
Delta R.T. -0.01 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6941

Ion	Ratio	Lower	Upper
252	100		
253	44.2	28.5	42.7#
125	112.5	18.1	27.1#

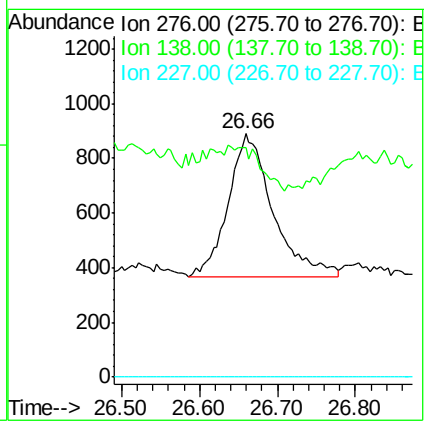


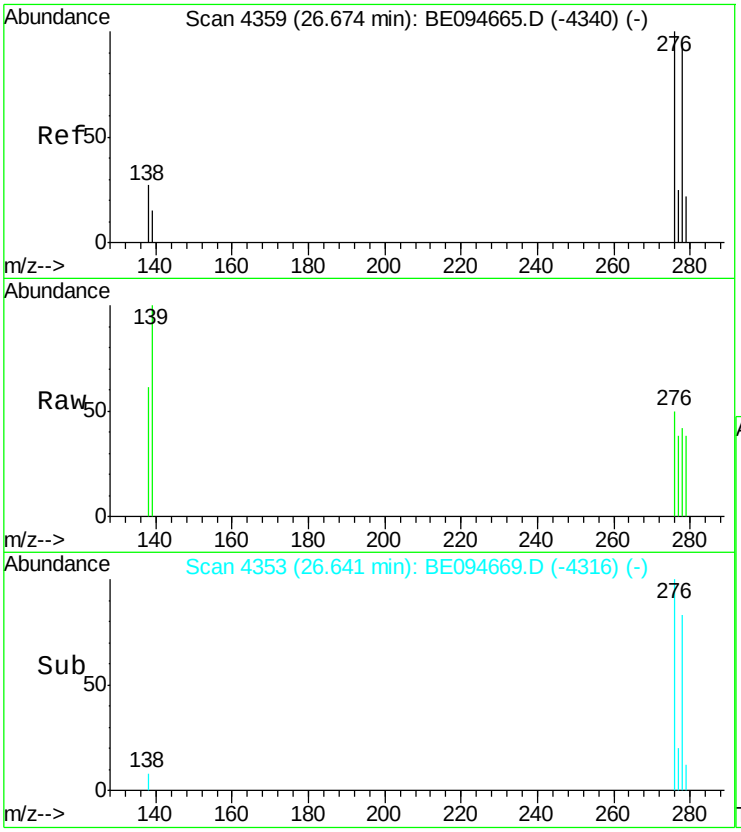


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. -0.02 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Tgt Ion:276 Resp: 2070

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



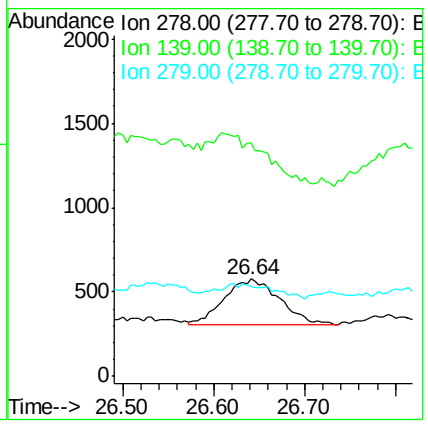


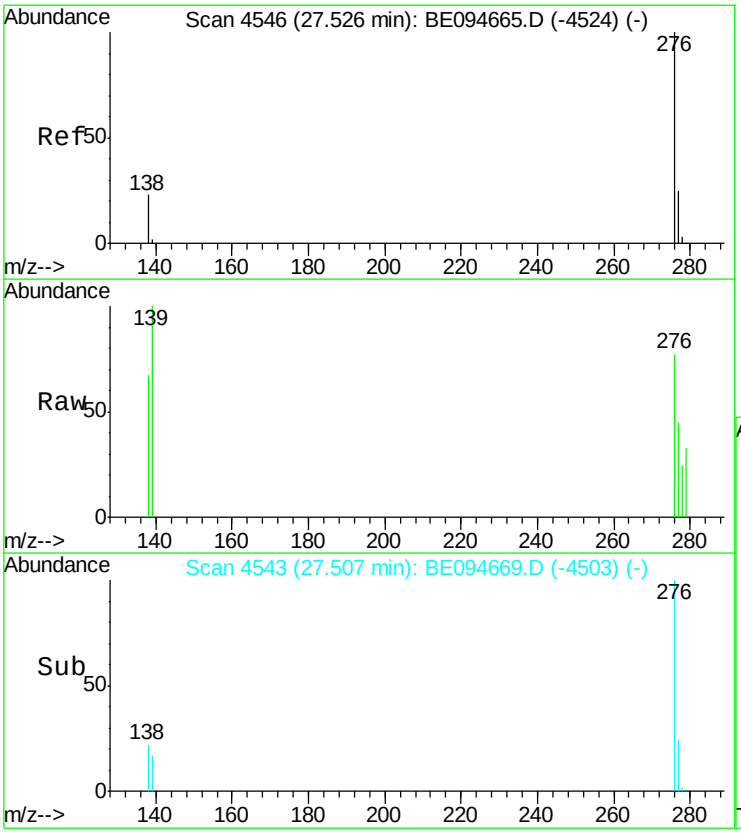
#25
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 26.64 min Scan# 4353
Delta R.T. -0.03 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 1143

Ion	Ratio	Lower	Upper
278	100		
139	239.9	17.4	26.0#
279	92.2	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.13 ng/ul
RT: 27.51 min Scan# 4543
Delta R.T. -0.02 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Tgt Ion:276 Resp: 2897

Ion	Ratio	Lower	Upper
276	100		
138	87.3	21.8	32.8#
277	58.2	20.5	30.7#