Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\
Data File : BE094040.D
Acq On : 20 Sep 2017 20:11
Operator : SJ/JU
Sample : I5283-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CB3B1

Quant Time: Sep 21 06:28:29 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 21 06:26:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1419	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6762	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4254	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.26	188	11906	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	15688	0.40	ng/ul	-0.02
20) Perylene-d12	23.91	264	14162	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	83	0.01	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	443	0.01	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.75	128	4453	0.269	ng/ul#	95
5) 2-Methylnaphthalene	12.37	142	1768	0.165	ng/ul	99
7) Acenaphthylene	14.24	152	1818	0.110	ng/ul#	91
8) Acenaphthene	14.58	153	2776	0.203	ng/ul	98
9) Fluorene	15.57	166	3471	0.217	ng/ul	94
12) Phenanthrene	17.29	178	83001	2.668	ng/ul#	90
13) Anthracene	17.38	178	20635	0.682	ng/ul#	91
15) Fluoranthene	19.30	202	164169	4.016	ng/ul	84
17) Pyrene	19.66	202	146573	3.358	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	81137	1.950	ng/ul#	86
19) Chrysene	21.44	228	77651	1.616	ng/ul	97
21) Benzo(b)fluoranthene	23.14	252	125132	3.253	ng/ul	85
22) Benzo(k)fluoranthene	23.14	252	125132	2.814	ng/ul#	87
23) Benzo(a)pyrene	23.80	252	59956	1.500	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.56	276	36250	0.886	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.57	278	9273	0.270	ng/ul	93
26) Benzo(g,h,i)perylene	27.37	276	34269	0.972	ng/ul	97

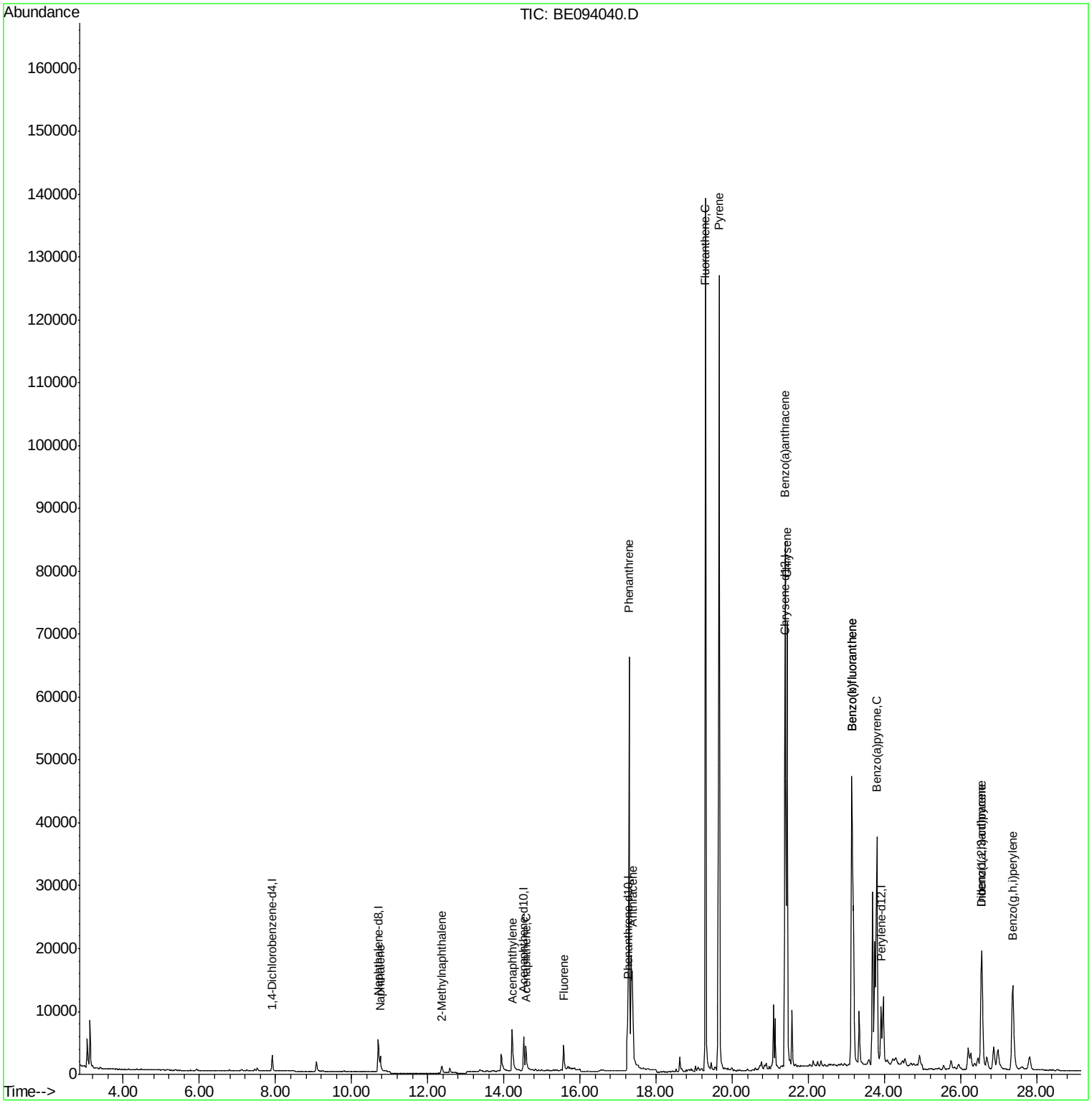
(#) = qualifier out of range (m) = manual integration (+) = signals summed

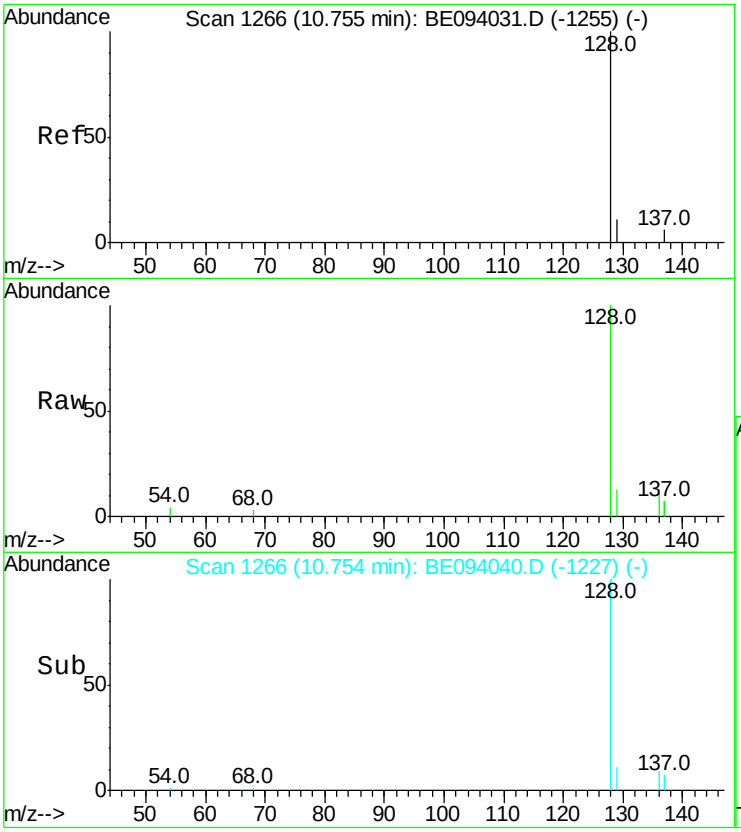
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\
Data File : BE094040.D
Acq On : 20 Sep 2017 20:11
Operator : SJ/JU
Sample : I5283-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CB3B1

Quant Time: Sep 21 06:28:29 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 21 06:26:27 2017
Response via : Initial Calibration



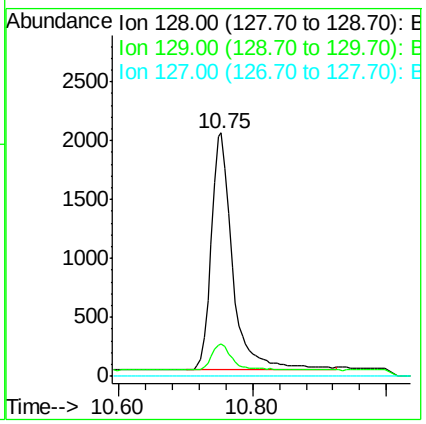


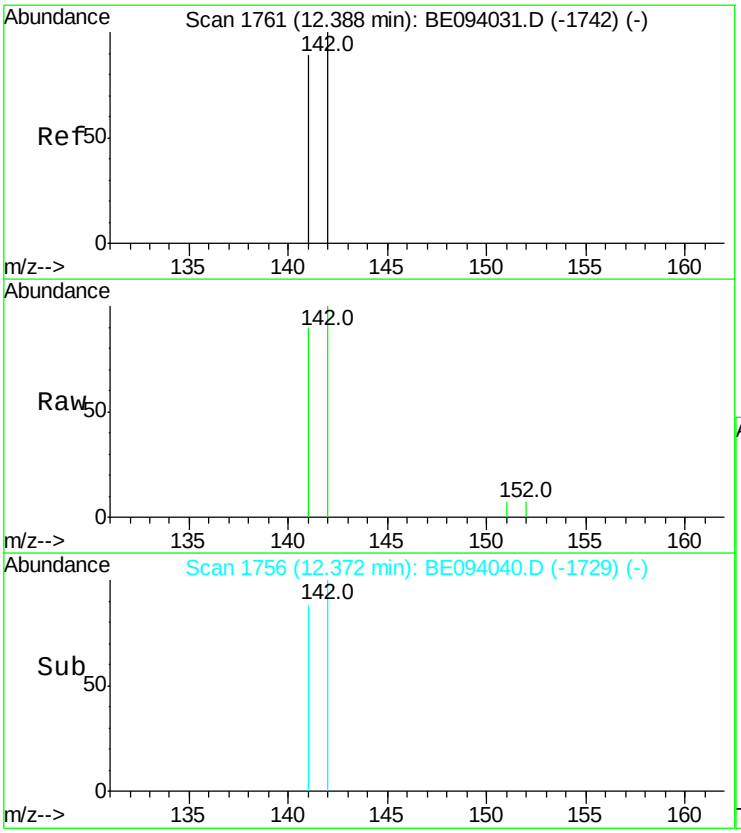
#3
Naphthalene
Concen: 0.269 ng/ul
RT: 10.75 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Instrument :
BNA_E
ClientSampleId :
CB3B1

Tgt Ion:128 Resp: 4453

Ion	Ratio	Lower	Upper
128	100		
129	13.4	11.3	16.9
127	0.0	4.0	6.0#

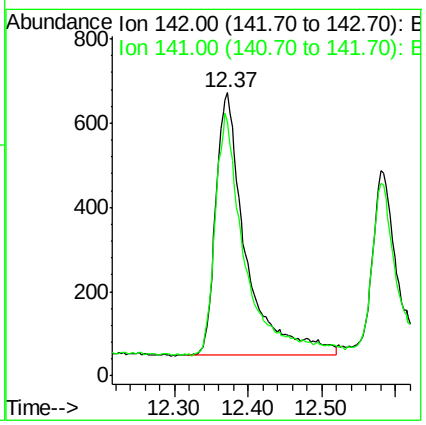


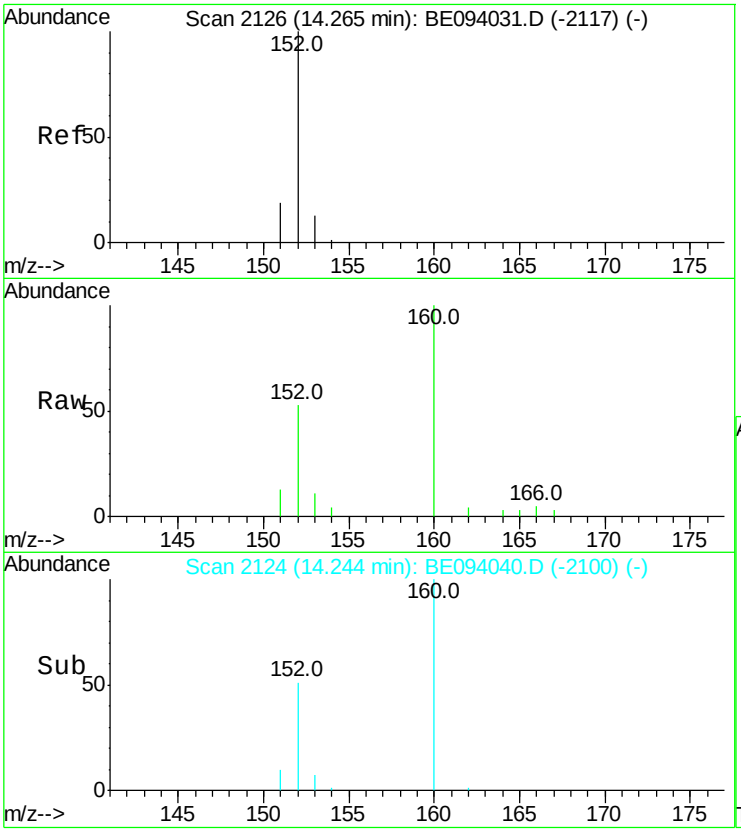


#5
2-Methylnaphthalene
Concen: 0.165 ng/ul
RT: 12.37 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Tgt Ion:142 Resp: 1768

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.6	108.8



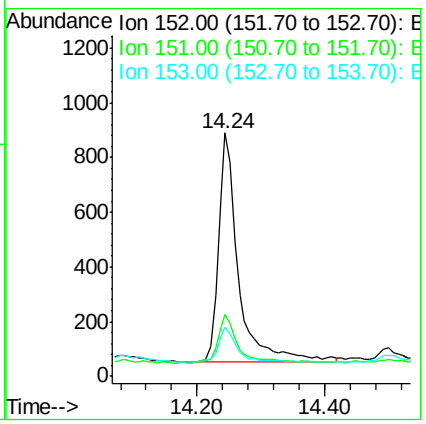


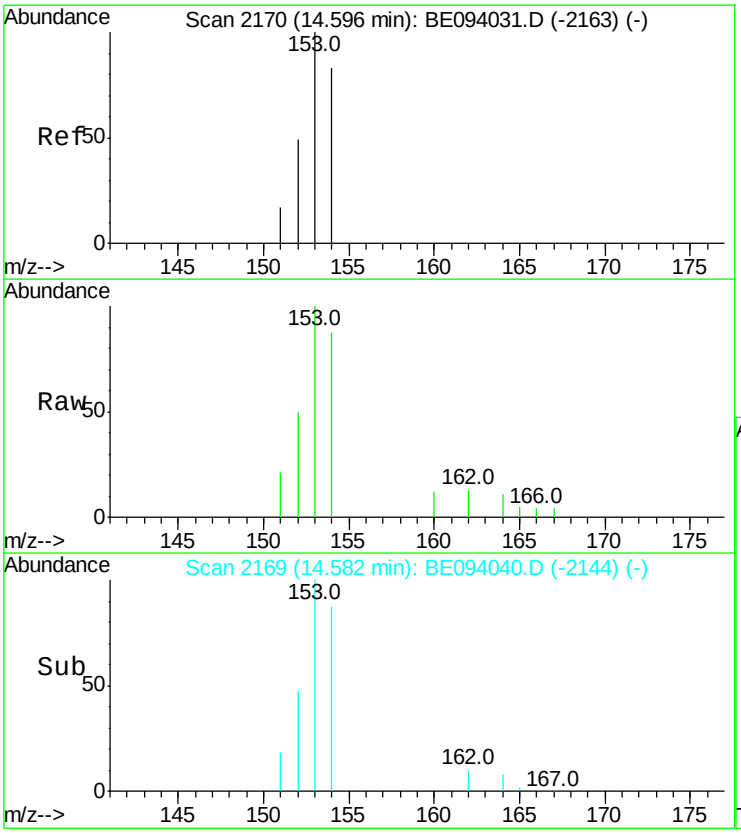
#7
Acenaphthylene
Concen: 0.110 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Instrument :
BNA_E
ClientSampleId :
CB3B1

Tgt Ion:152 Resp: 1818

Ion	Ratio	Lower	Upper
152	100		
151	25.2	17.1	25.7
153	20.1	12.8	19.2#

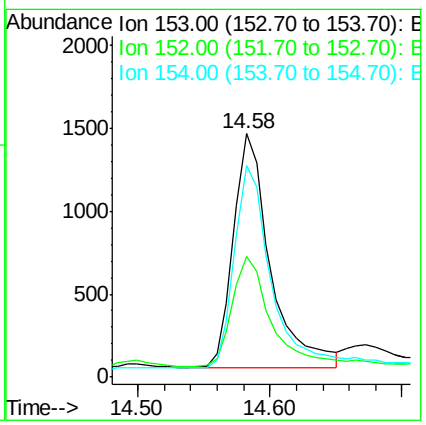


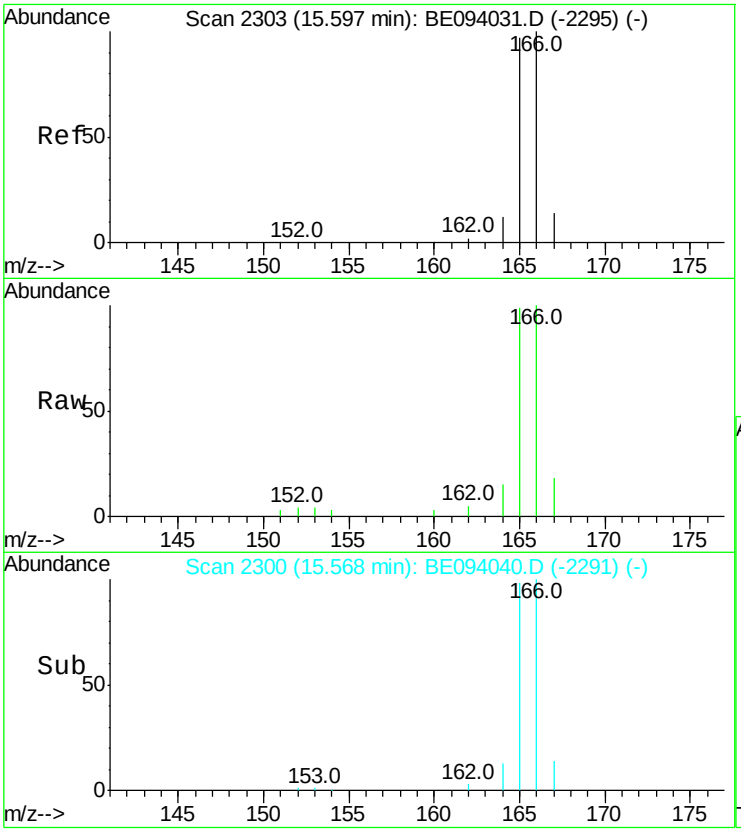


#8
Acenaphthene
Concen: 0.203 ng/ul
RT: 14.58 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Tgt Ion:153 Resp: 2776

Ion	Ratio	Lower	Upper
153	100		
152	49.5	40.3	60.5
154	86.9	71.4	107.2



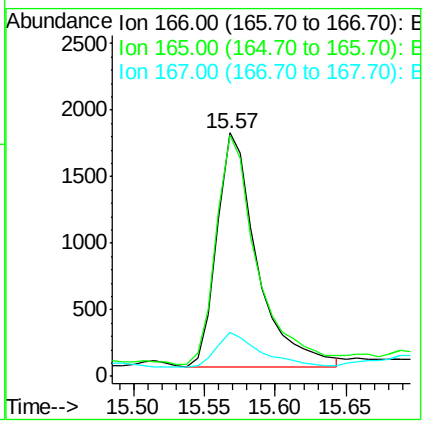


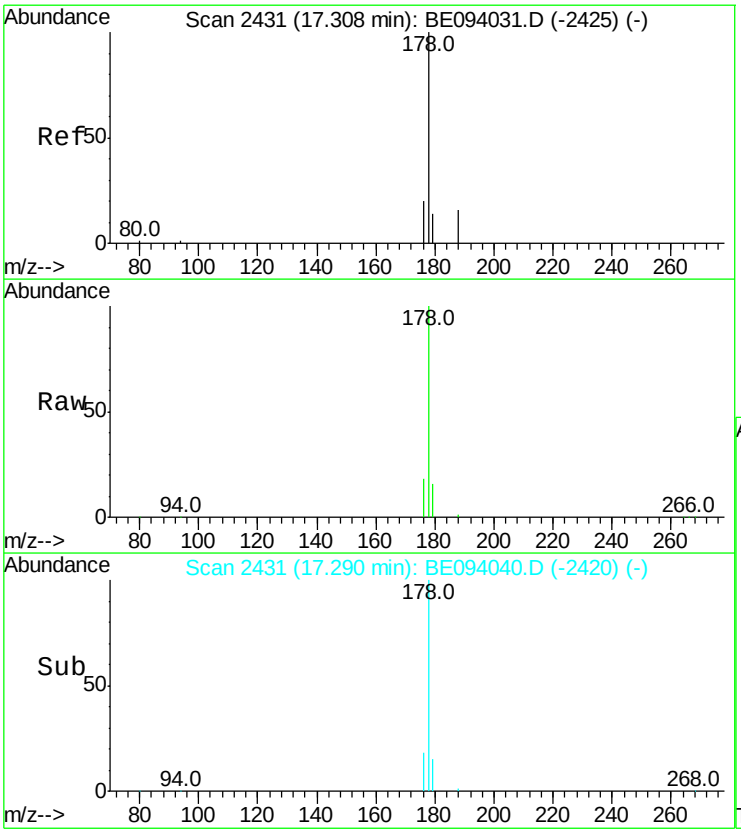
#9
Fluorene
Concen: 0.217 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Instrument :
BNA_E
ClientSampleId :
CB3B1

Tgt Ion:166 Resp: 3471

Ion	Ratio	Lower	Upper
166	100		
165	99.0	73.4	110.2
167	18.2	14.6	22.0

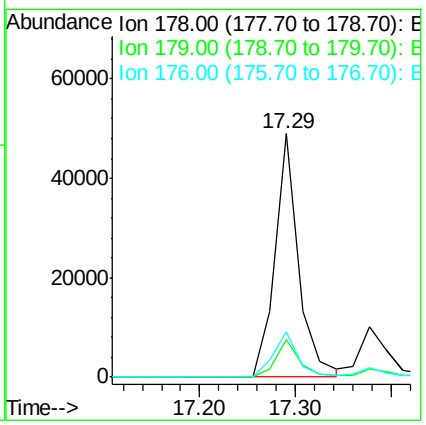


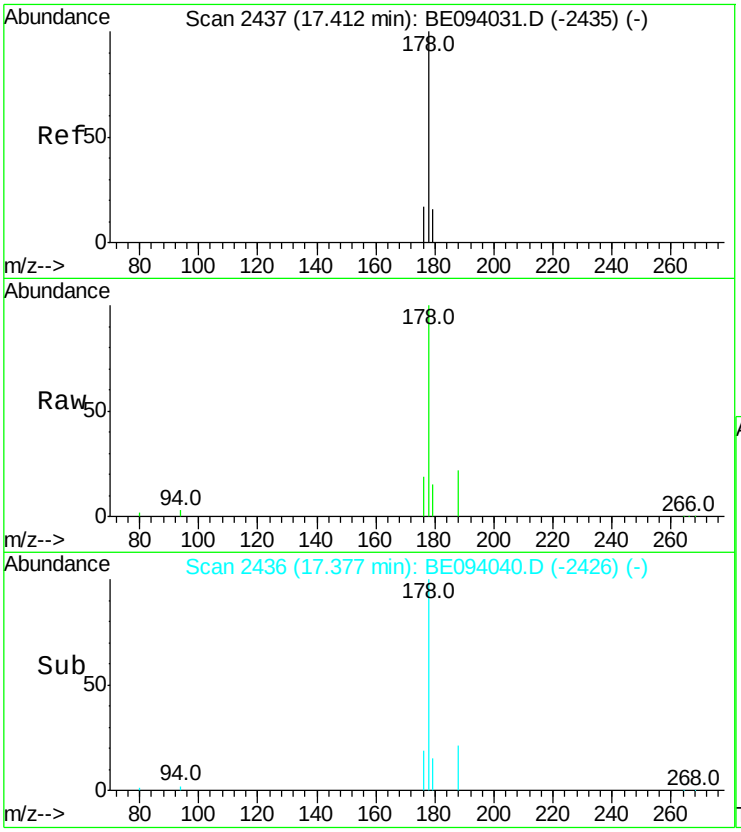


#12
Phenanthrene
Concen: 2.668 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Tgt Ion:178 Resp: 83001

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	18.4	13.6	20.4



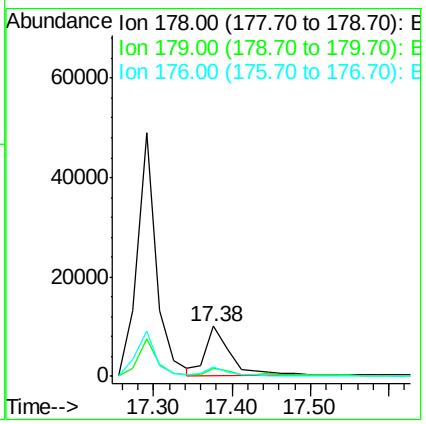


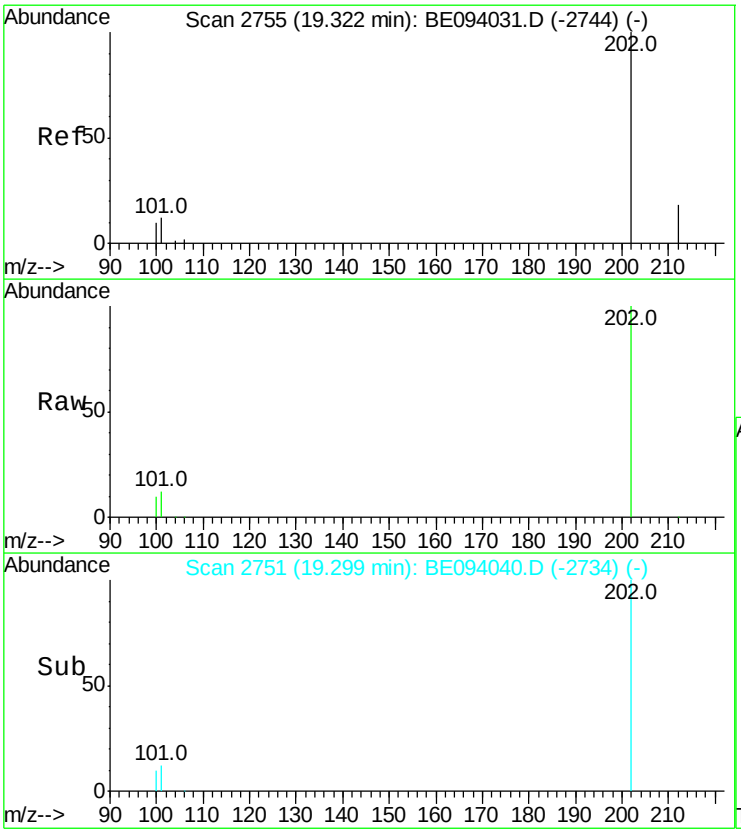
#13
Anthracene
Concen: 0.682 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.04 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Instrument :
BNA_E
ClientSampleId :
CB3B1

Tgt Ion:178 Resp: 20635

Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.1	27.1#
176	19.4	14.7	22.1

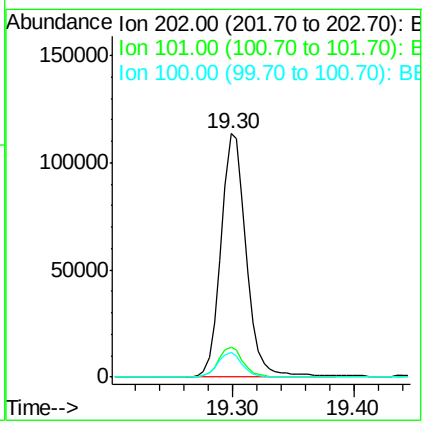


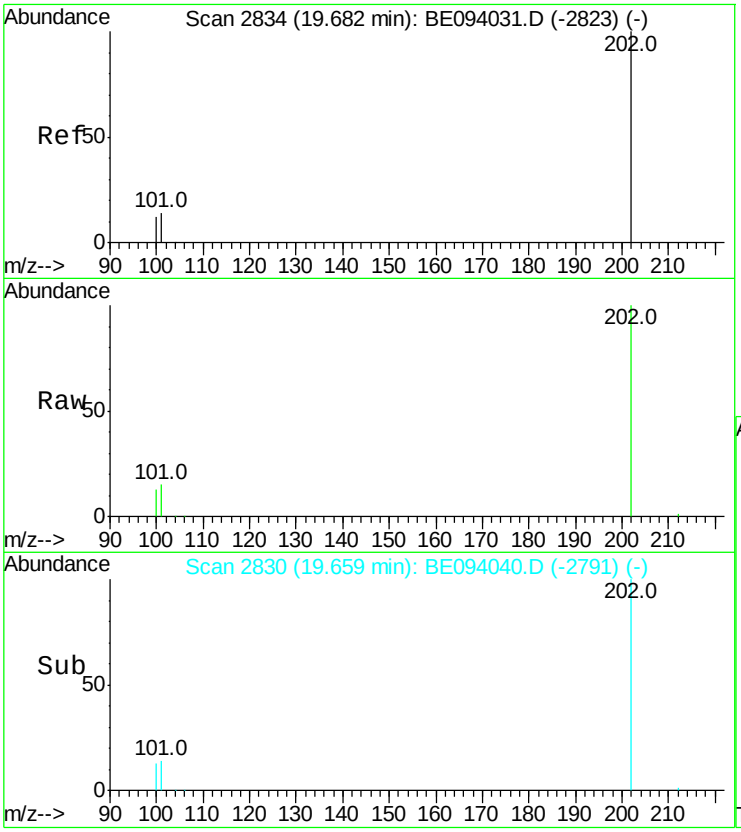


#15
Fluoranthene
Concen: 4.016 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.02 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Tgt Ion:202 Resp: 164169

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.3
100	10.0	0.0	39.5



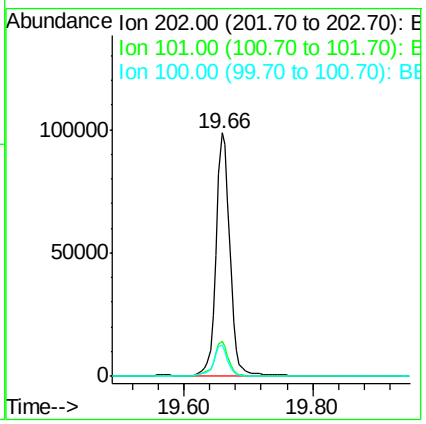


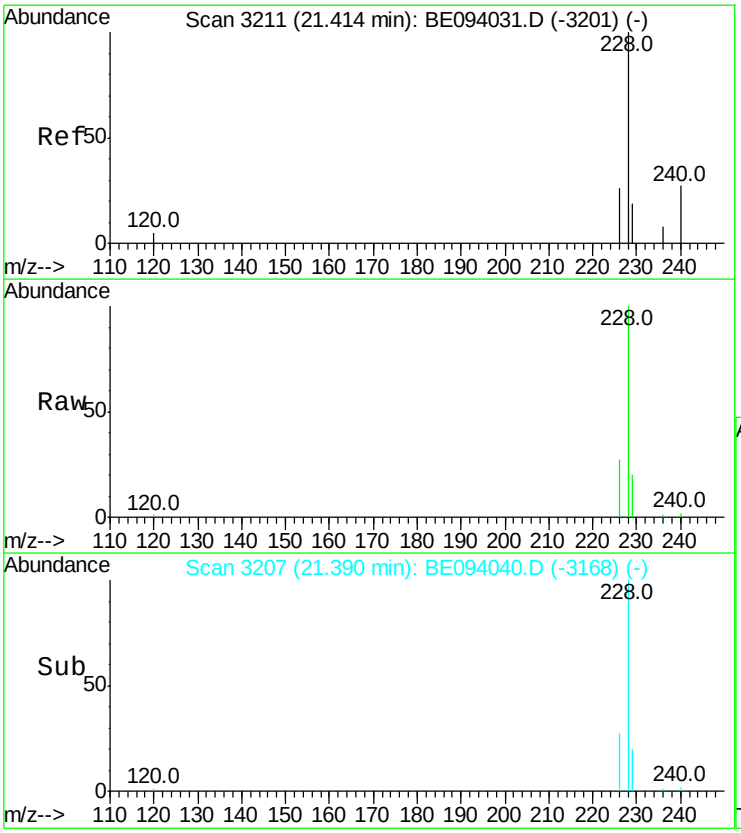
#17
Pyrene
Concen: 3.358 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Instrument :
BNA_E
ClientSampleId :
CB3B1

Tgt Ion:202 Resp: 146573

Ion	Ratio	Lower	Upper
202	100		
101	14.6	18.2	27.4#
100	12.6	15.6	23.4#

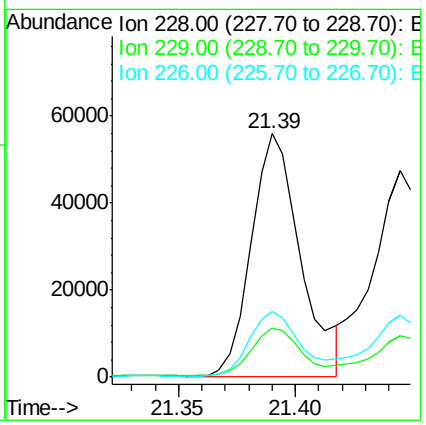


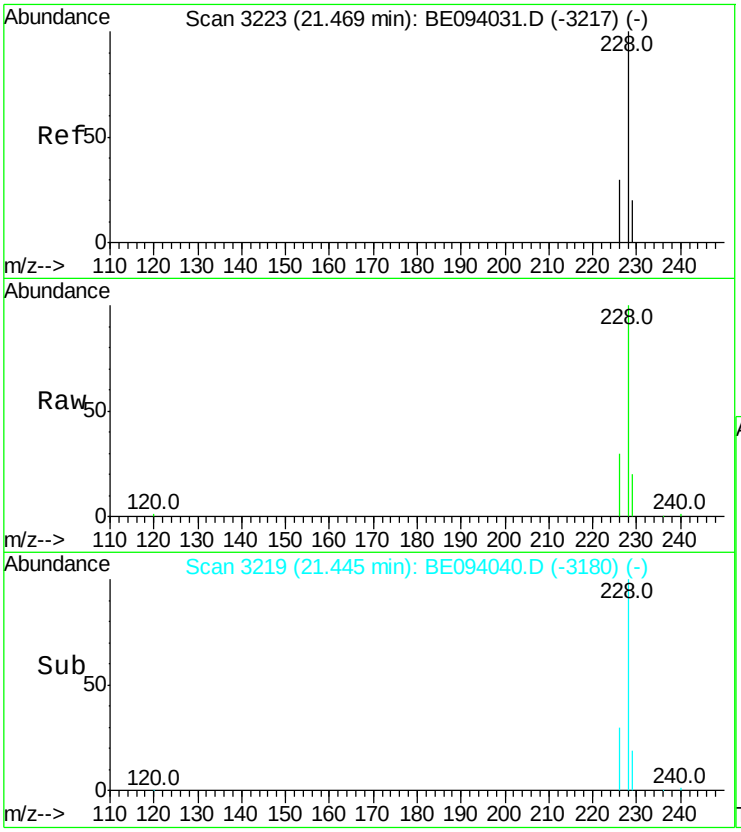


#18
Benzo(a)anthracene
Concen: 1.950 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.02 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Tgt Ion:228 Resp: 81137

Ion	Ratio	Lower	Upper
228	100		
229	20.3	22.8	34.2#
226	27.2	17.0	25.6#



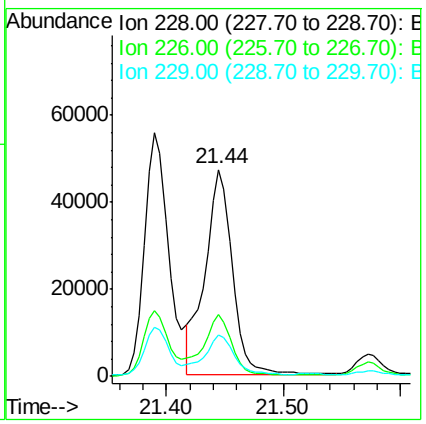


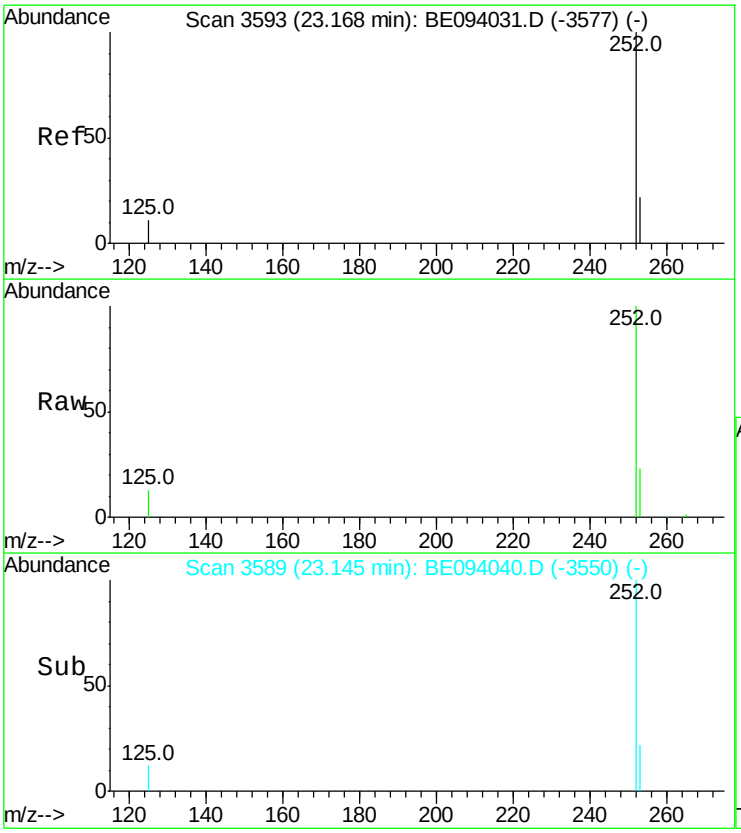
#19
Chrysene
Concen: 1.616 ng/ul
RT: 21.44 min Scan# 3219
Delta R.T. -0.02 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Instrument :
BNA_E
ClientSampleId :
CB3B1

Tgt Ion:228 Resp: 77651

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.0
229	19.8	17.7	26.5

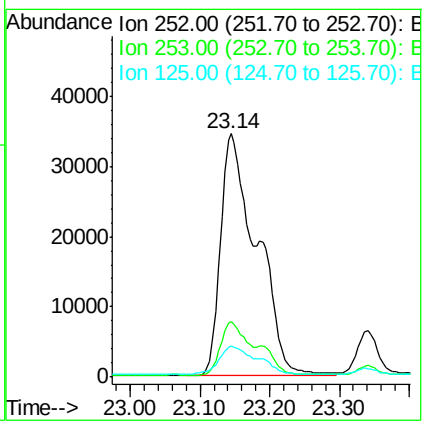


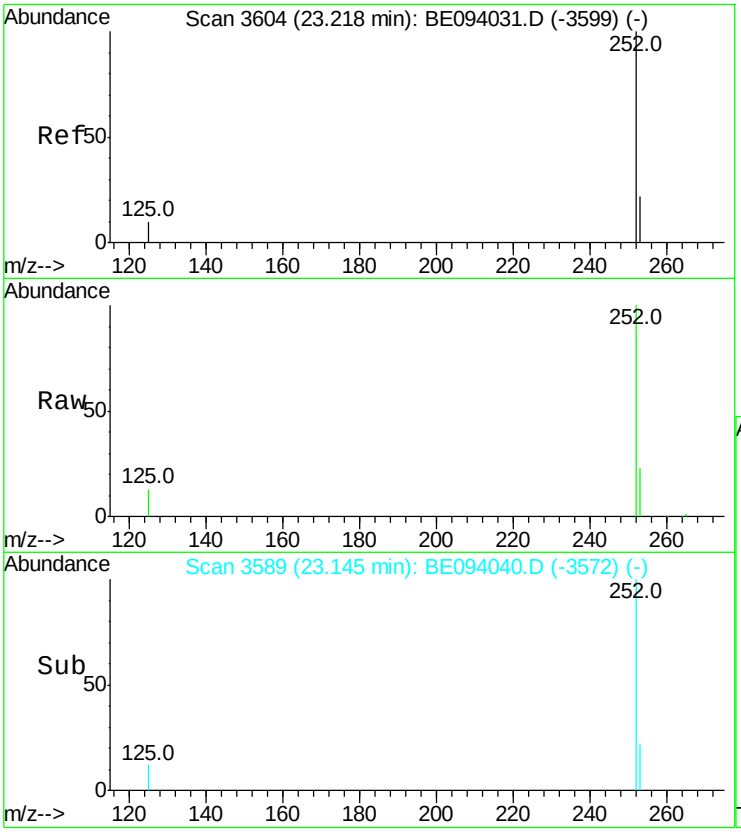


#21
Benzo(b)fluoranthene
Concen: 3.253 ng/ul
RT: 23.14 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Tgt Ion:252 Resp: 125132

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	64.2
125	12.7	0.0	35.0



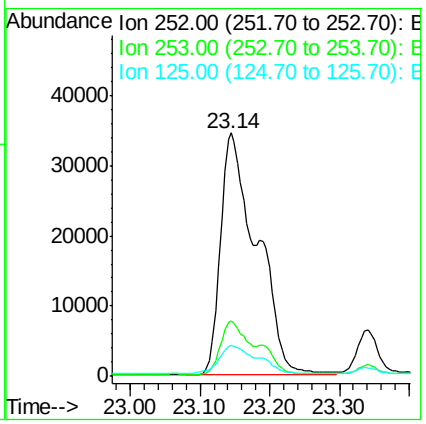


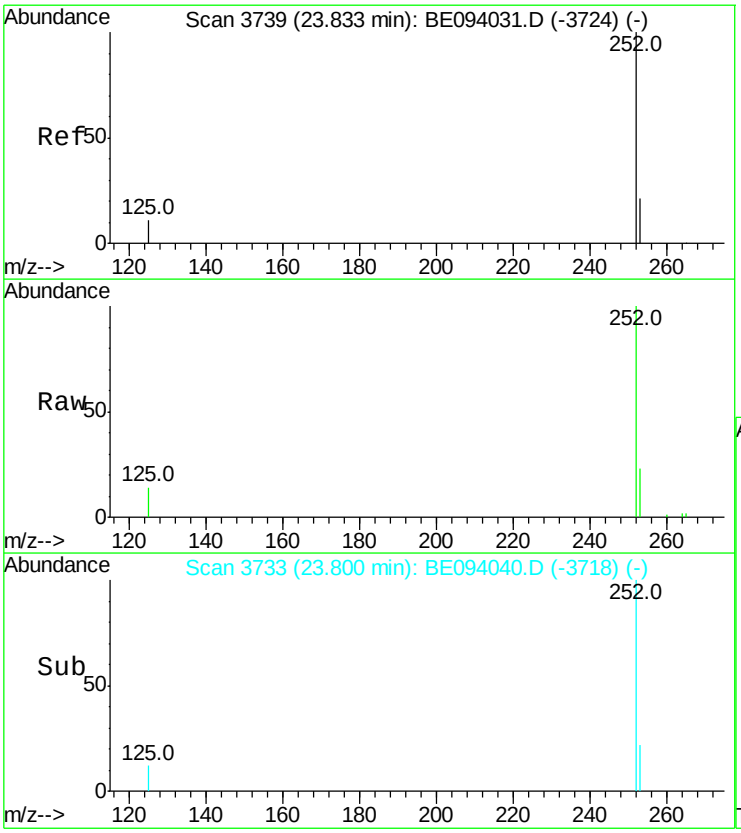
#22
Benzo(k)fluoranthene
Concen: 2.814 ng/ul
RT: 23.14 min Scan# 3589
Delta R.T. -0.07 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Instrument :
BNA_E
ClientSampleId :
CB3B1

Tgt Ion:252 Resp: 125132

Ion	Ratio	Lower	Upper
252	100		
253	22.5	24.5	36.7#
125	12.7	13.7	20.5#

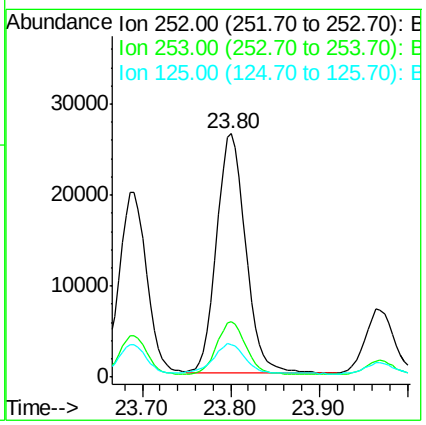


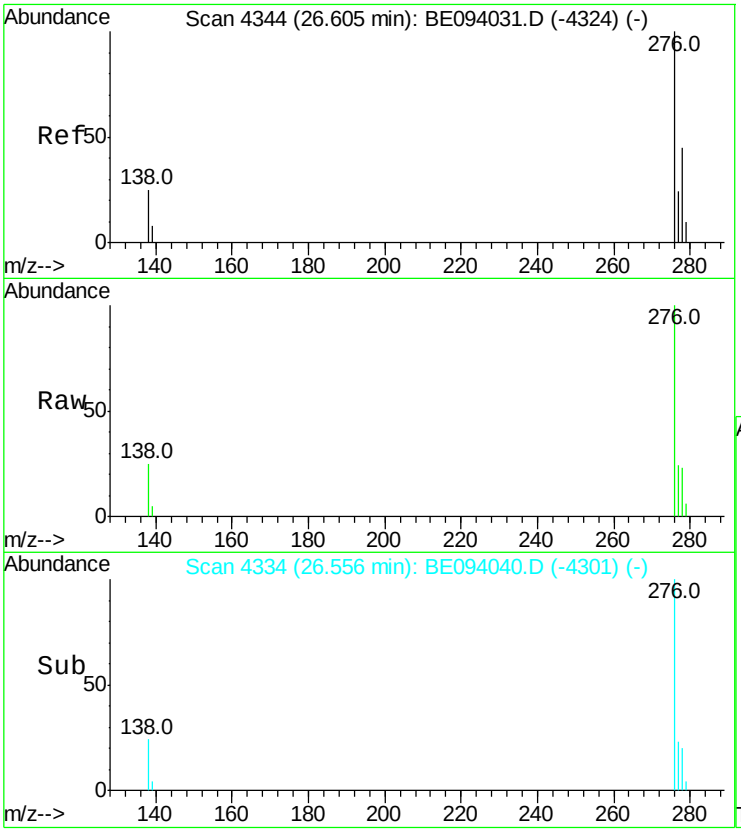


#23
Benzo(a)pyrene
Concen: 1.500 ng/ul
RT: 23.80 min Scan# 3733
Delta R.T. -0.03 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Tgt Ion:252 Resp: 59956

Ion	Ratio	Lower	Upper
252	100		
253	23.0	28.5	42.7#
125	13.5	18.1	27.1#



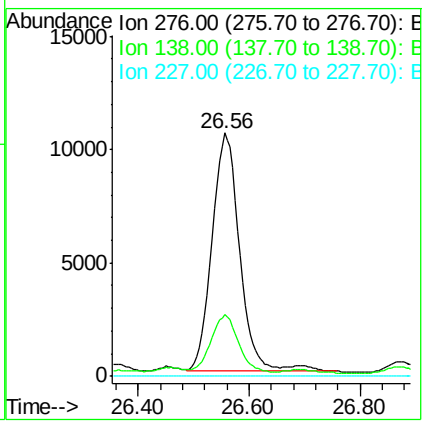


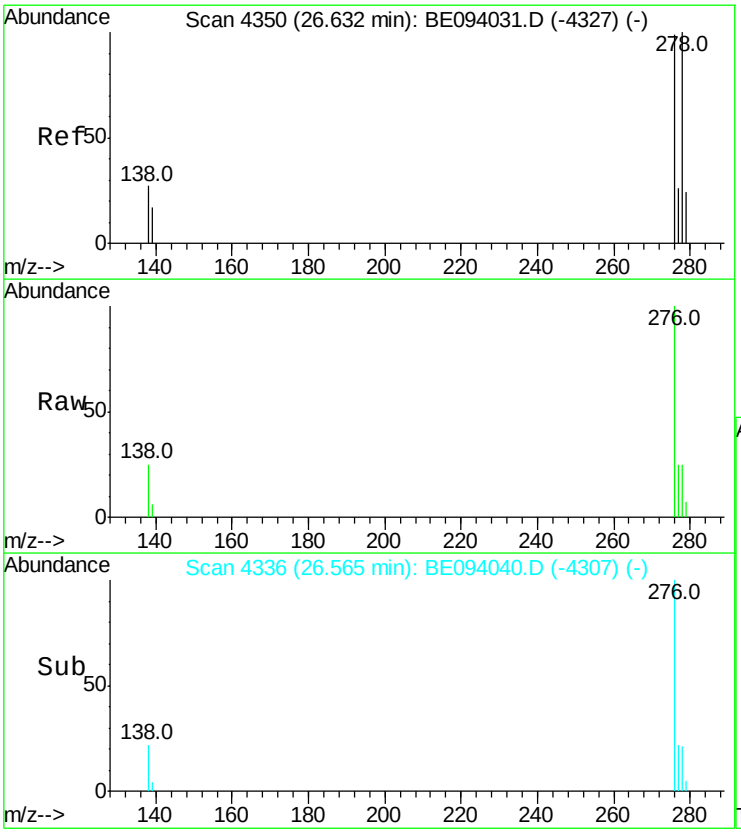
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.886 ng/ul
RT: 26.56 min Scan# 4334
Delta R.T. -0.05 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Instrument :
BNA_E
ClientSampleId :
CB3B1

Tgt Ion:276 Resp: 36250

Ion	Ratio	Lower	Upper
276	100		
138	23.2	28.0	42.0#
227	0.0	8.0	12.0#

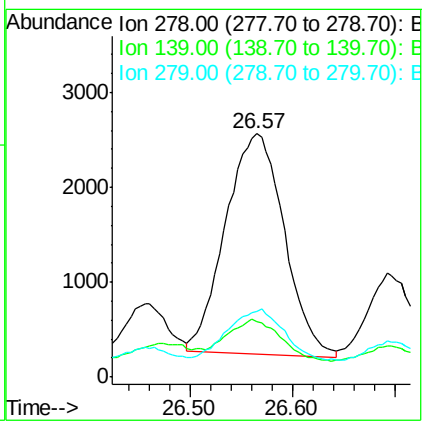


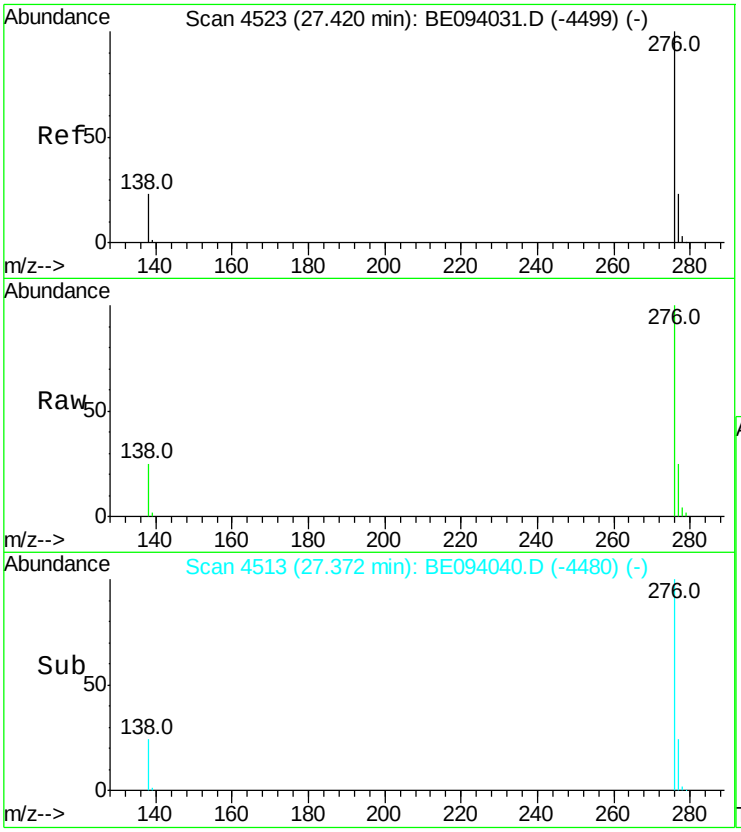


#25
Dibenzo(a,h)anthracene
Concen: 0.270 ng/ul
RT: 26.57 min Scan# 4336
Delta R.T. -0.07 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Tgt Ion:278 Resp: 9273

Ion	Ratio	Lower	Upper
278	100		
139	22.8	17.4	26.0
279	26.8	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.972 ng/ul
RT: 27.37 min Scan# 4513
Delta R.T. -0.05 min
Lab File: BE094040.D
Acq: 20 Sep 2017 20:11

Instrument :
BNA_E
ClientSampleId :
CB3B1

Tgt Ion:276 Resp: 34269

Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.8	32.8
277	24.7	20.5	30.7