Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094573.D
Acq On : 26 Oct 2017 21:41
Operator : SJ/JU
Sample : I5873-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 27 07:42:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1229	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	7268	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4222	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9317	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	9219	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9822	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	774	0.07	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	1843	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	1543	0.087	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	921	0.074	ng/ul	97
7) Acenaphthylene	14.24	152	847	0.044	ng/ul#	83
8) Acenaphthene	14.57	153	415	0.030	ng/ul#	90
9) Fluorene	15.57	166	543	0.035	ng/ul#	85
11) Pentachlorophenol	17.08	266	14	0.030	ng/ul#	57
12) Phenanthrene	17.29	178	17512	0.712	ng/ul#	91
13) Anthracene	17.38	178	2765	0.114	ng/ul#	96
15) Fluoranthene	19.31	202	27119	0.953	ng/ul	83
17) Pyrene	19.67	202	27001	0.947	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	13169	0.500	ng/ul#	91
19) Chrysene	21.46	228	15916	0.584	ng/ul	93
21) Benzo(b)fluoranthene	23.17	252	23362	0.846	ng/ul	90
22) Benzo(k)fluoranthene	23.17	252	23306	0.787	ng/ul#	91
23) Benzo(a)pyrene	23.84	252	12392	0.449	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.65	276	7997	0.280	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.64	278	2169	0.090	ng/ul#	29
26) Benzo(g,h,i)perylene	27.48	276	6991	0.305	ng/ul#	79

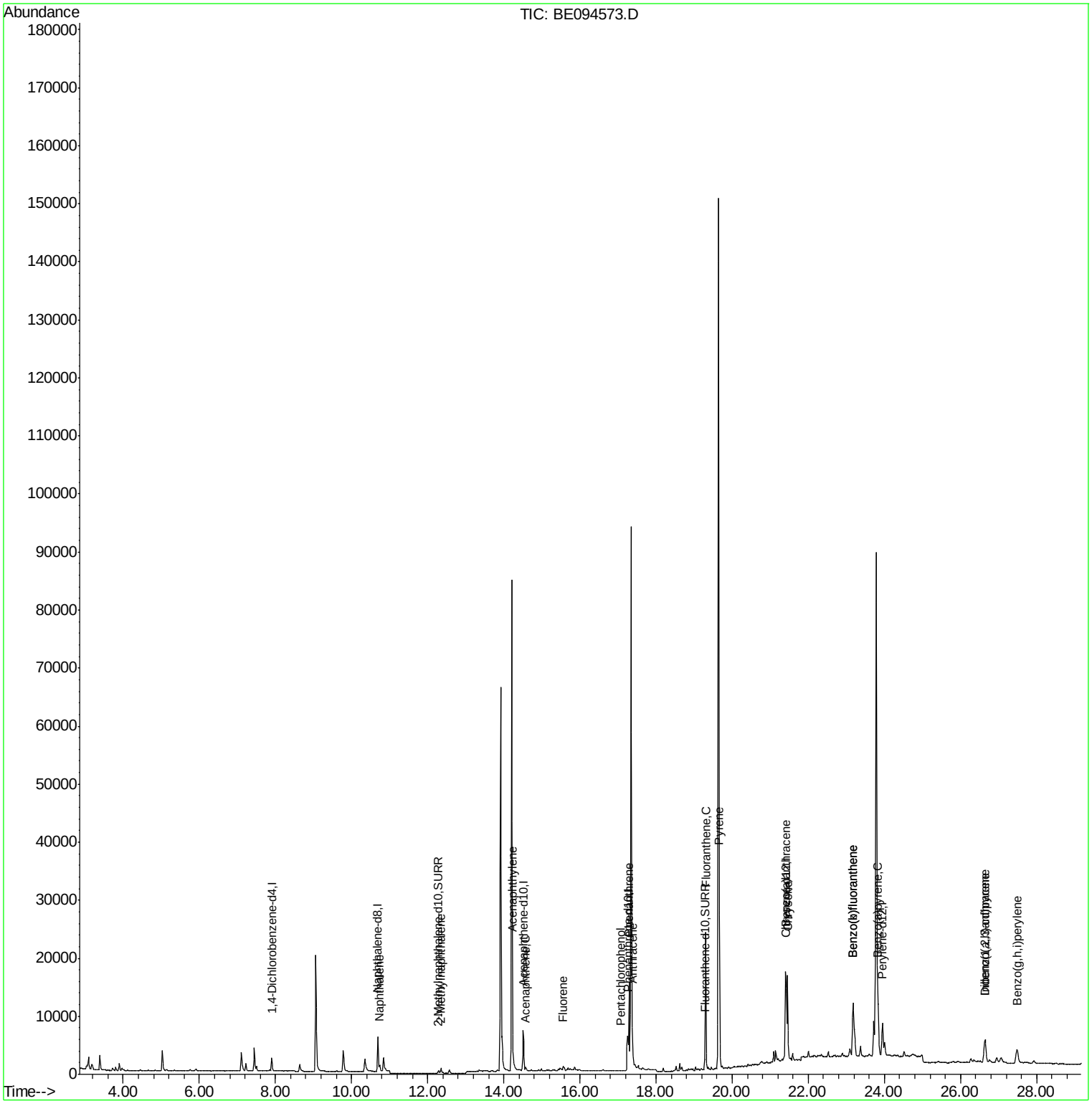
(#) = qualifier out of range (m) = manual integration (+) = signals summed

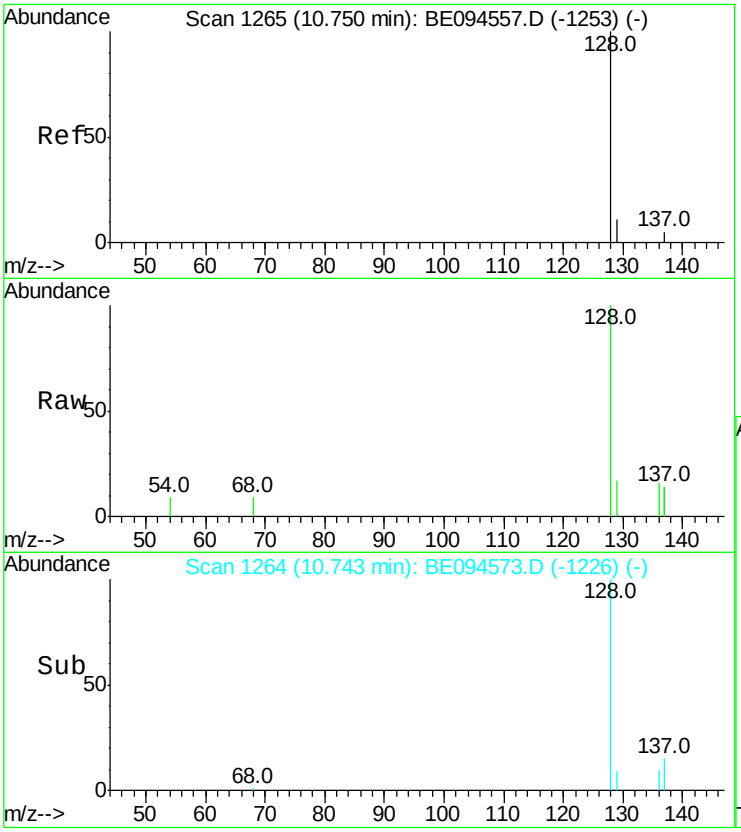
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094573.D
Acq On : 26 Oct 2017 21:41
Operator : SJ/JU
Sample : I5873-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 27 07:42:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration



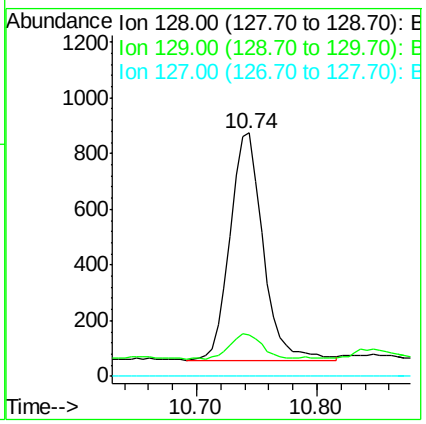


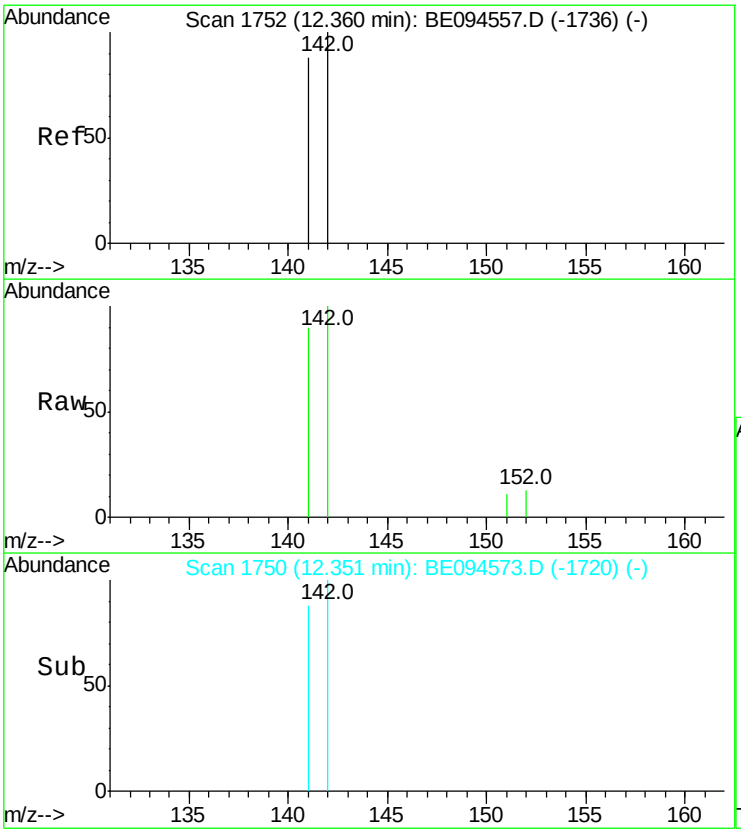
#3
Naphthalene
Concen: 0.087 ng/ul
RT: 10.74 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1543

Ion	Ratio	Lower	Upper
128	100		
129	17.0	11.3	16.9#
127	0.0	4.0	6.0#

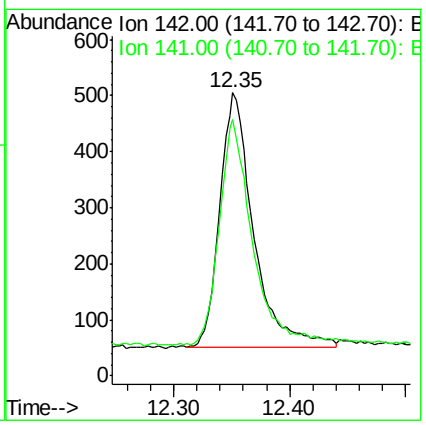


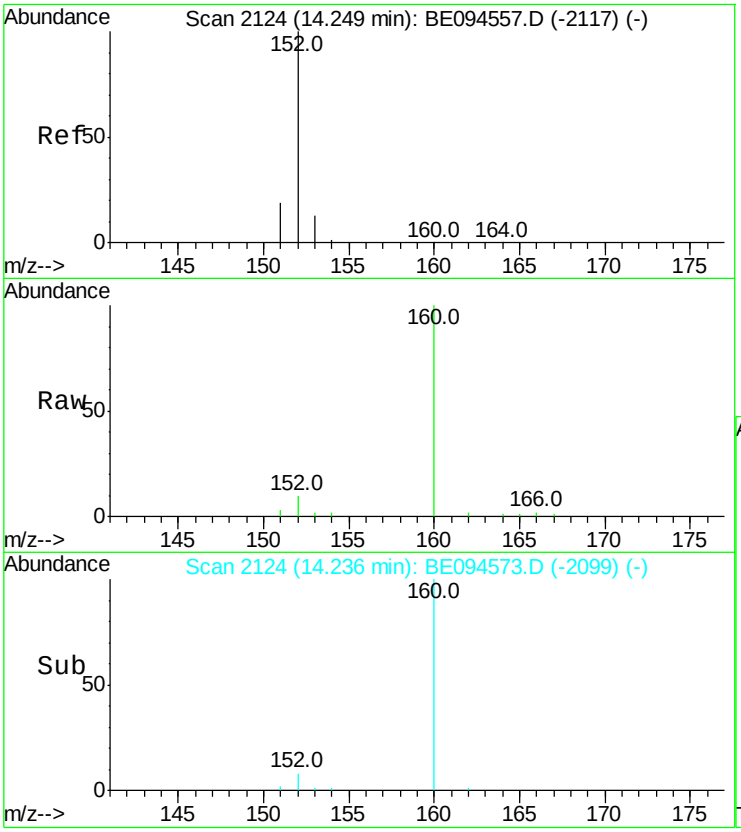


#5
2-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.35 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Tgt Ion:142 Resp: 921

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.6	108.8



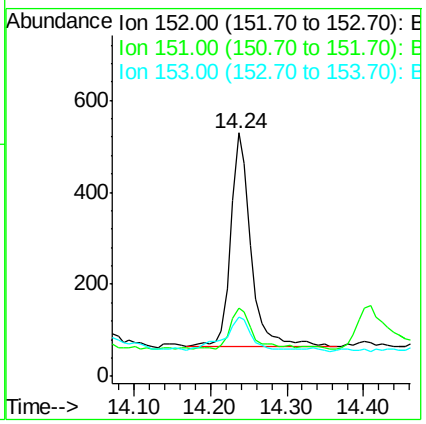


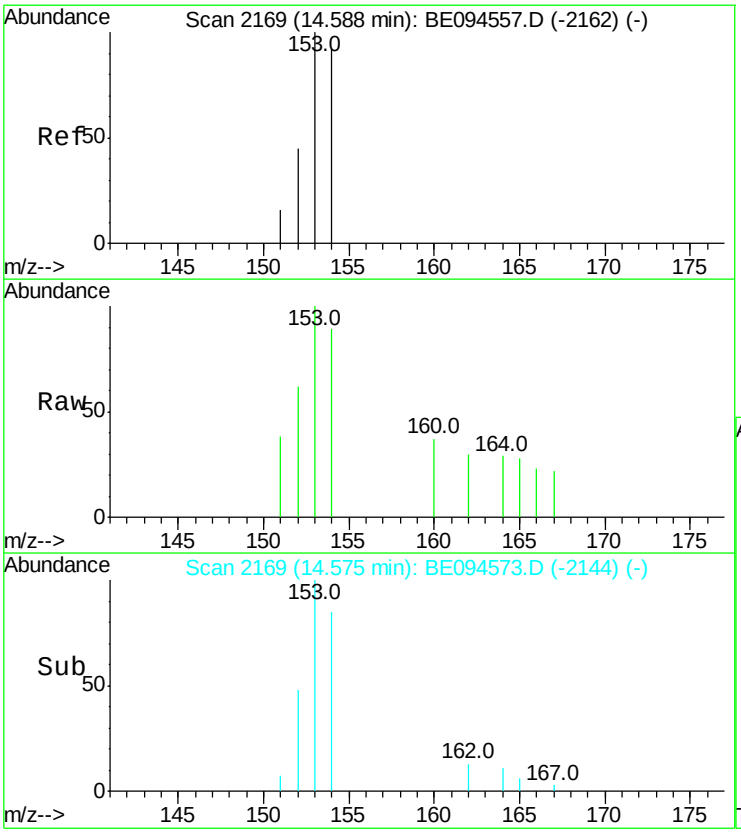
#7
Acenaphthylene
Concen: 0.044 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 847

Ion	Ratio	Lower	Upper
152	100		
151	28.2	17.1	25.7#
153	24.6	12.8	19.2#

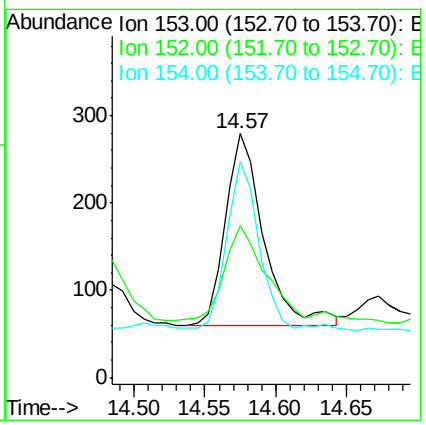


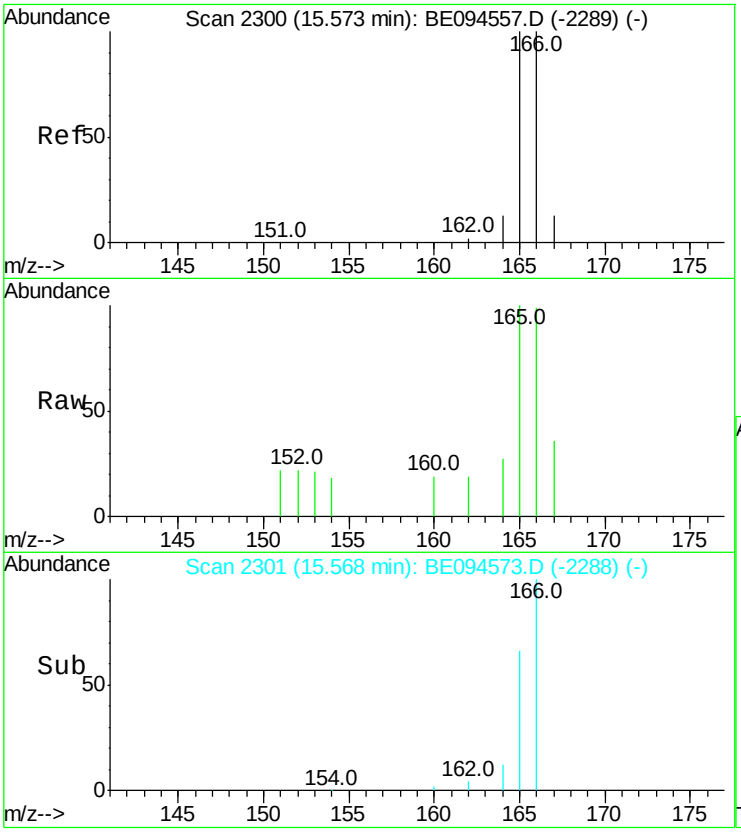


#8
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.57 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Tgt Ion:153 Resp: 415

Ion	Ratio	Lower	Upper
153	100		
152	62.4	36.0	54.0#
154	88.9	72.0	108.0



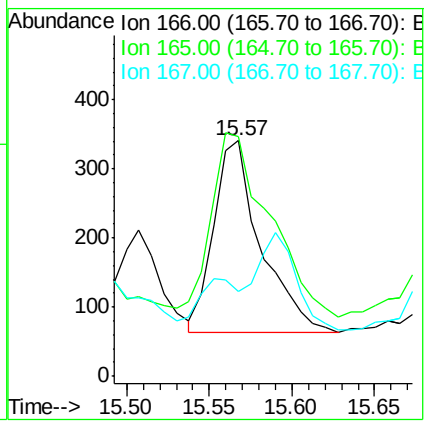


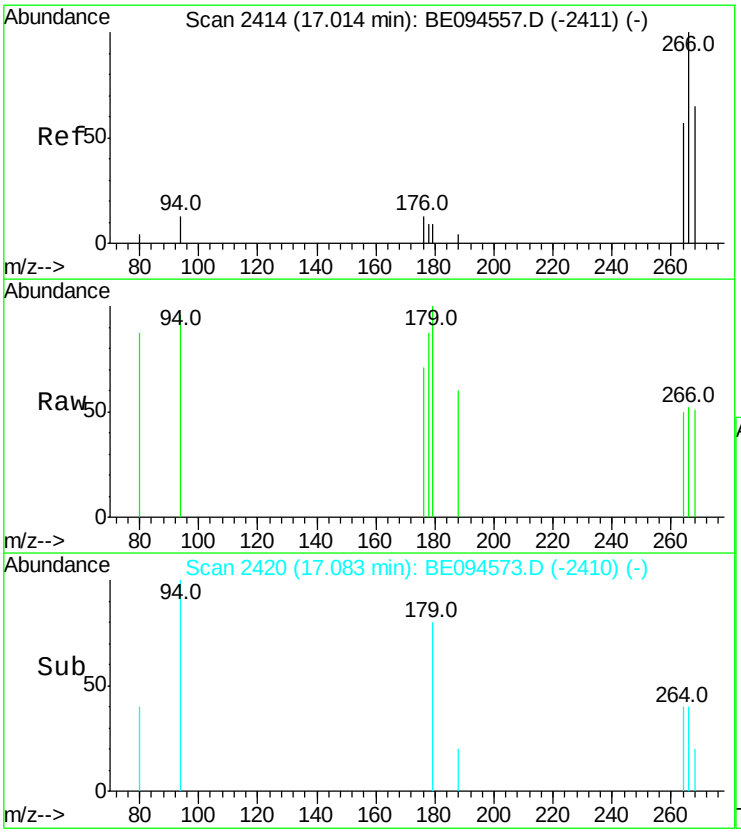
#9
Fluorene
Concen: 0.035 ng/ul
RT: 15.57 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 543

Ion	Ratio	Lower	Upper
166	100		
165	101.5	73.4	110.2
167	36.1	14.6	22.0#

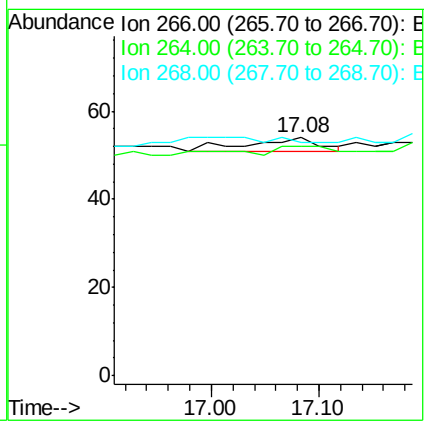


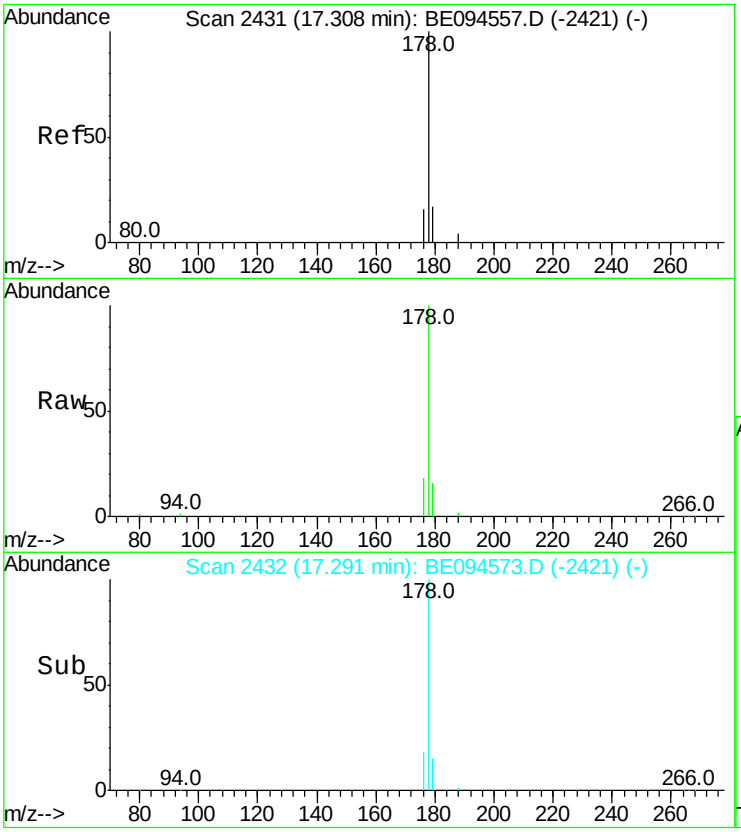


#11
Pentachlorophenol
Concen: 0.030 ng/ul
RT: 17.08 min Scan# 2420
Delta R.T. 0.07 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
264	57.1	47.9	71.9
268	0.0	49.8	74.8#



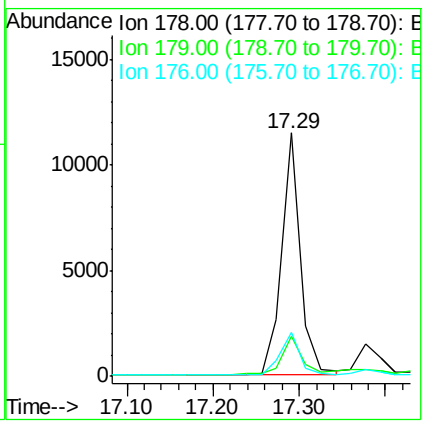


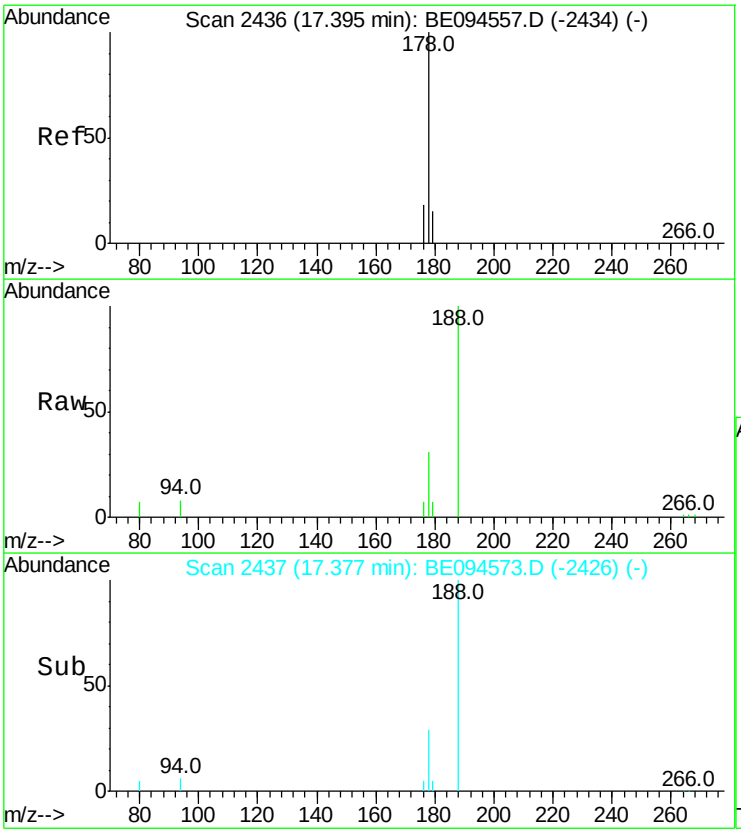
#12
Phenanthrene
Concen: 0.712 ng/ul
RT: 17.29 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 17512

Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.4	27.6#
176	18.2	13.6	20.4

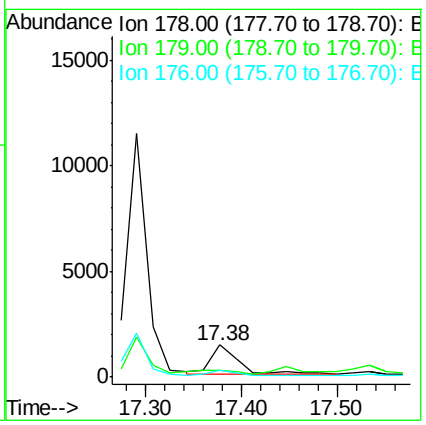


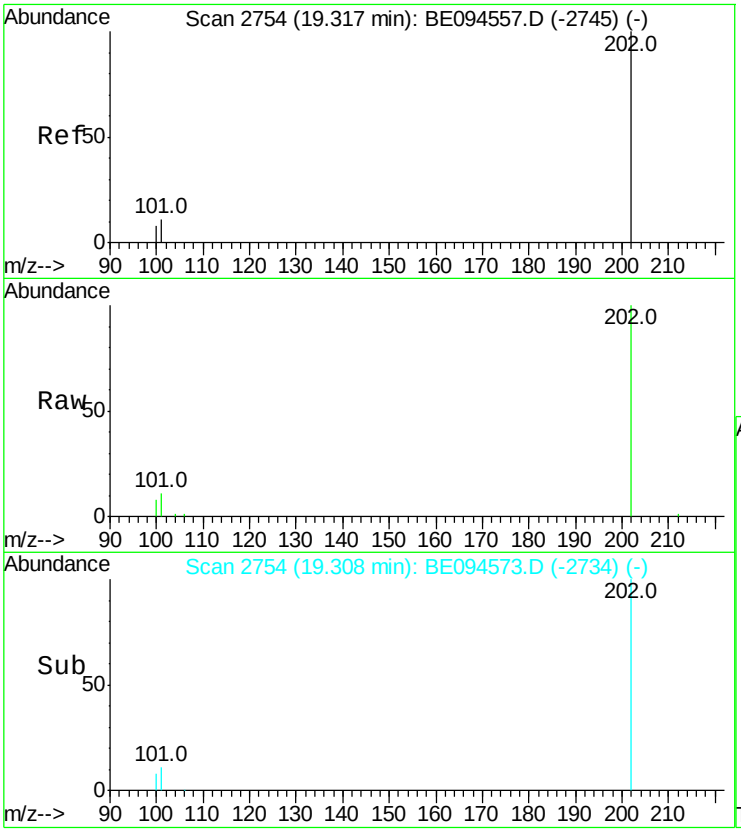


#13
Anthracene
Concen: 0.114 ng/ul
RT: 17.38 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Tgt Ion:178 Resp: 2765

Ion	Ratio	Lower	Upper
178	100		
179	22.5	18.1	27.1
176	22.5	14.7	22.1#



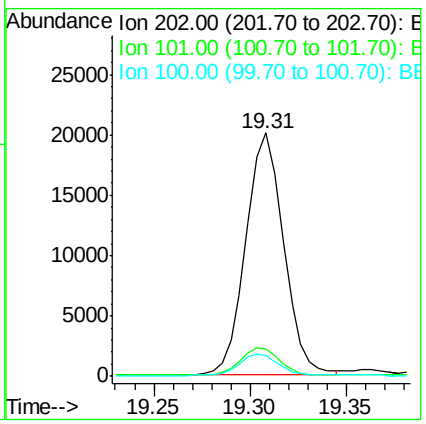


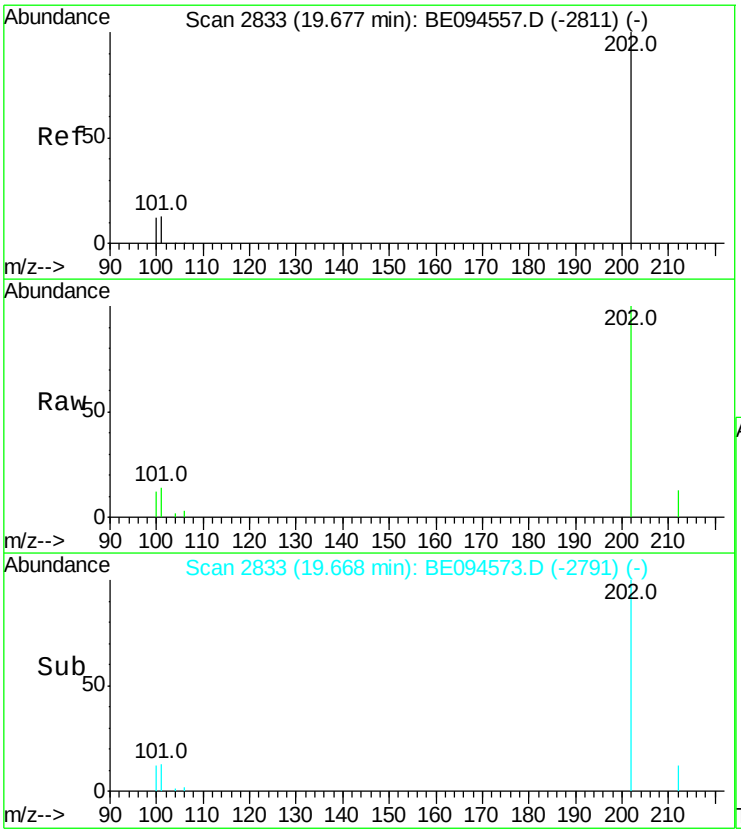
#15
Fluoranthene
Concen: 0.953 ng/ul
RT: 19.31 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 27119

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
100	8.4	0.0	39.5

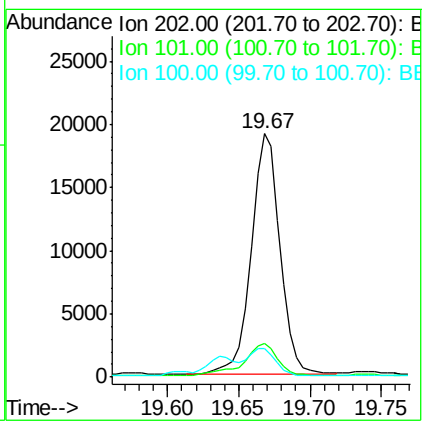


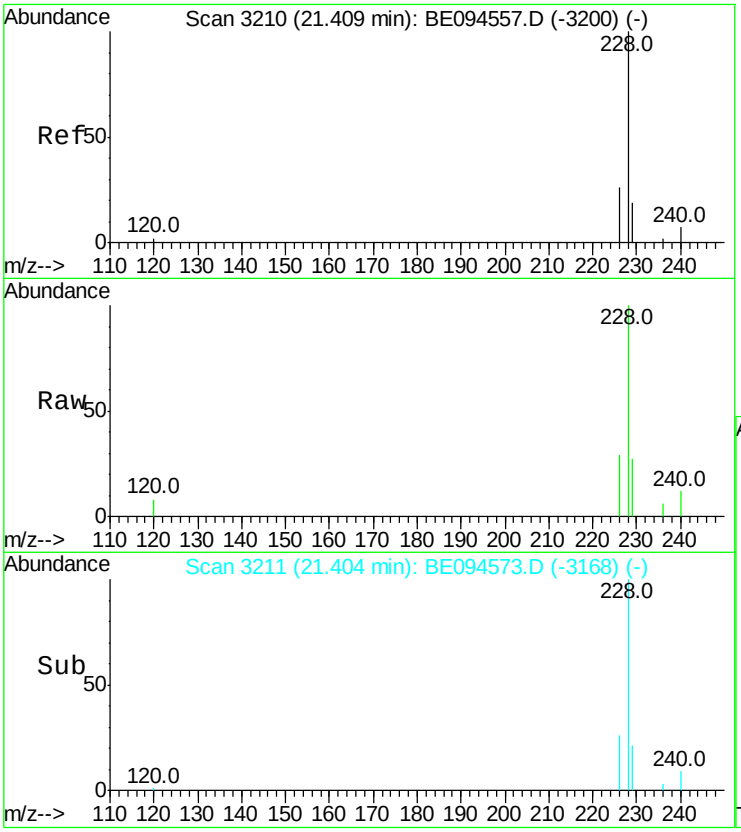


#17
Pyrene
Concen: 0.947 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Tgt Ion:202 Resp: 27001

Ion	Ratio	Lower	Upper
202	100		
101	13.9	18.2	27.4#
100	12.0	15.6	23.4#



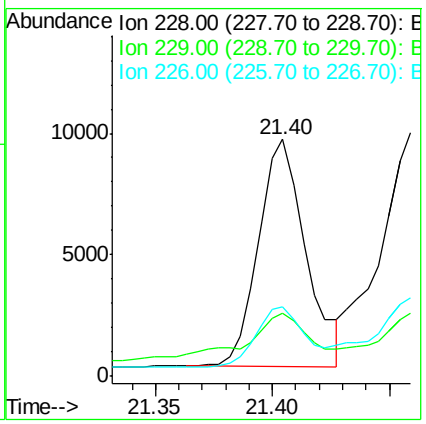


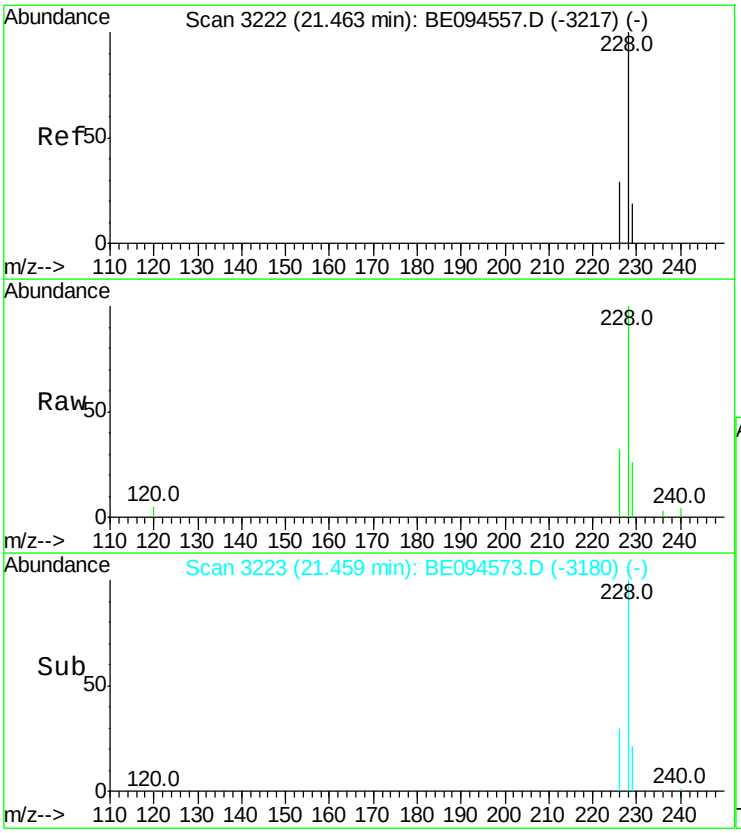
#18
Benzo(a)anthracene
Concen: 0.500 ng/ul
RT: 21.40 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 13169

Ion	Ratio	Lower	Upper
228	100		
229	26.8	22.8	34.2
226	29.1	17.0	25.6#

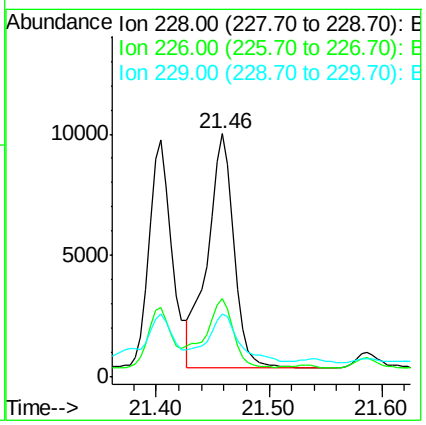


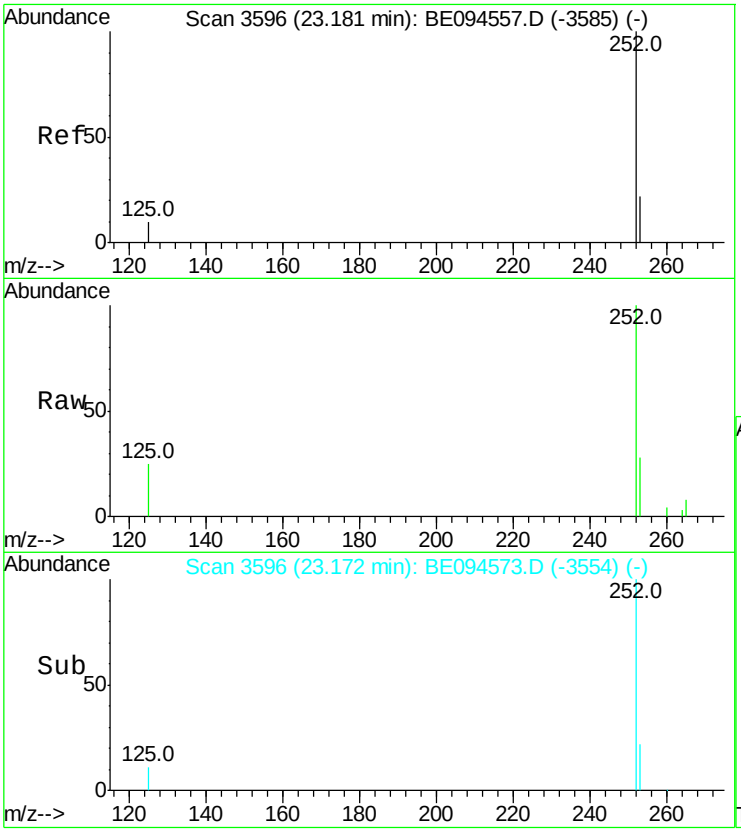


#19
Chrysene
Concen: 0.584 ng/ul
RT: 21.46 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Tgt Ion:228 Resp: 15916

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.4	35.0
229	26.2	17.7	26.5



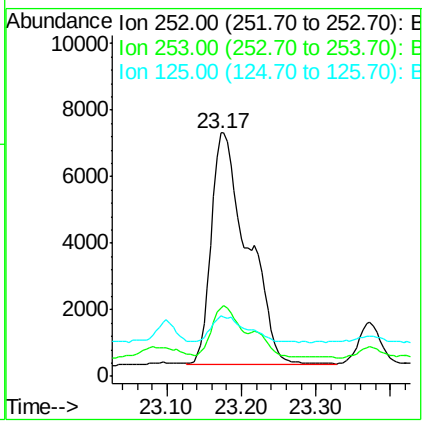


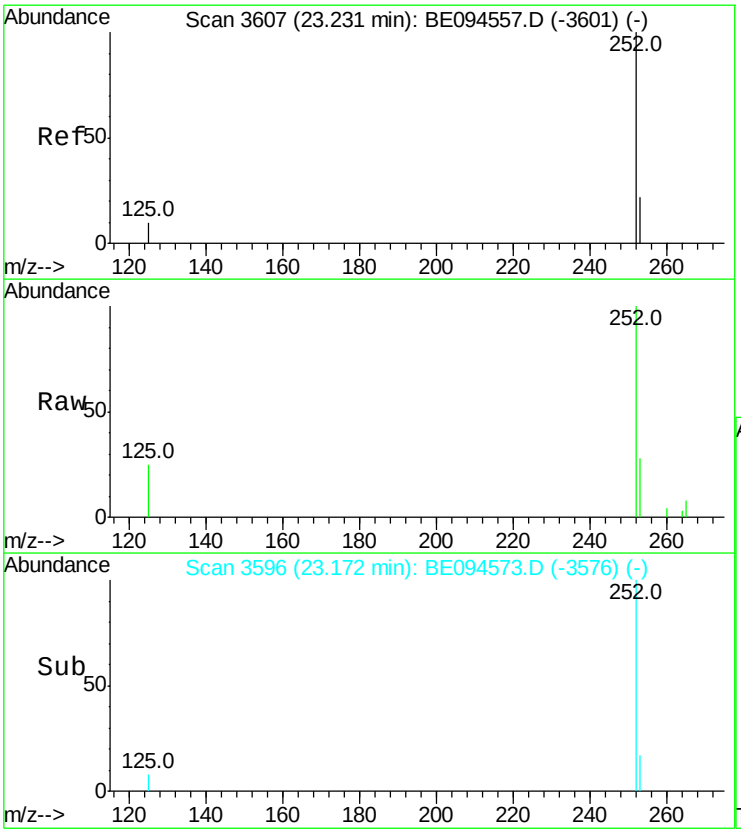
#21
Benzo(b)fluoranthene
Concen: 0.846 ng/ul
RT: 23.17 min Scan# 3596
Delta R.T. -0.01 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 23362

Ion	Ratio	Lower	Upper
252	100		
253	28.2	0.0	64.2
125	24.6	0.0	35.0

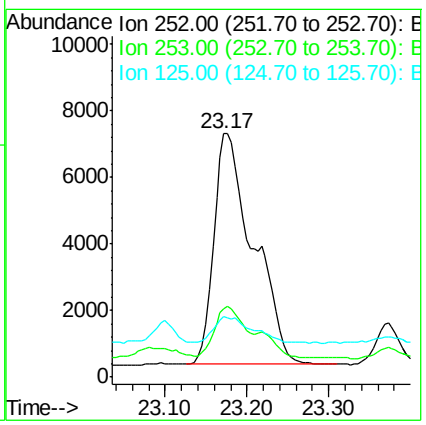


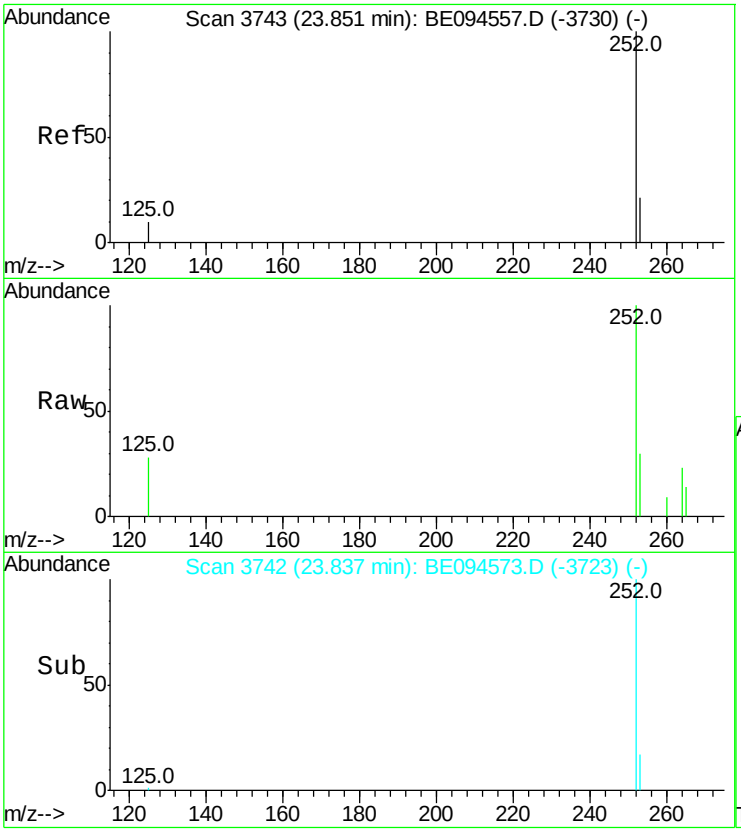


#22
Benzo(k)fluoranthene
Concen: 0.787 ng/ul
RT: 23.17 min Scan# 3596
Delta R.T. -0.06 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Tgt Ion:252 Resp: 23306

Ion	Ratio	Lower	Upper
252	100		
253	28.2	24.5	36.7
125	24.6	13.7	20.5#



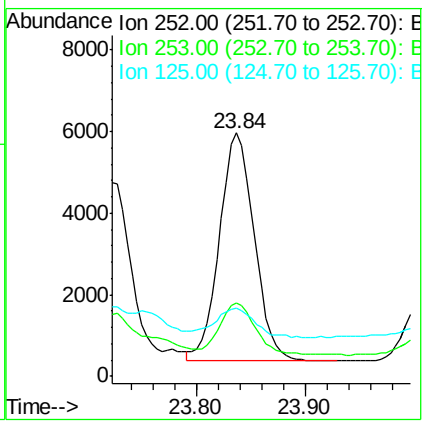


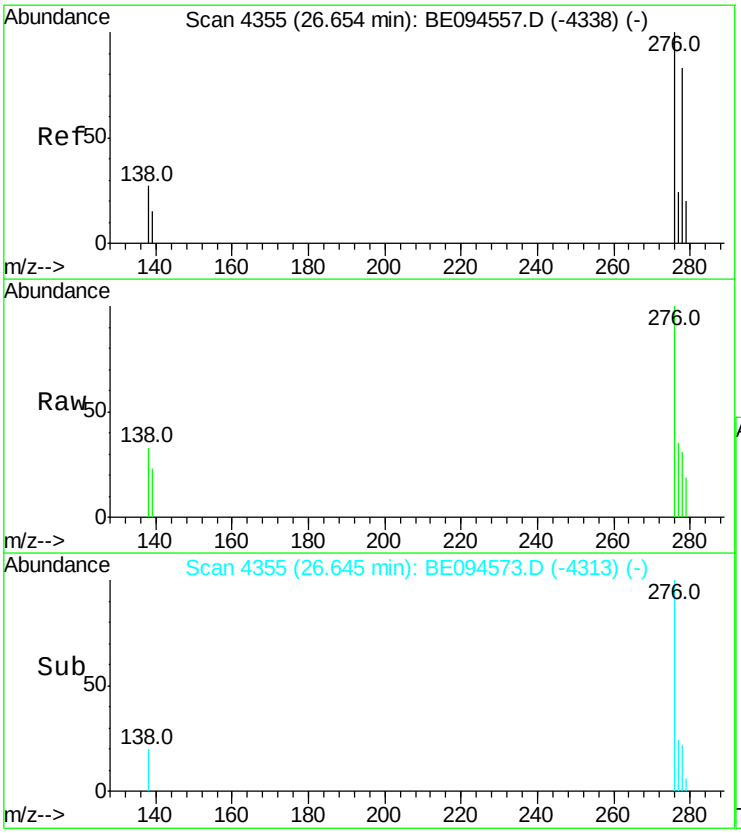
#23
Benzo(a)pyrene
Concen: 0.449 ng/ul
RT: 23.84 min Scan# 3742
Delta R.T. -0.01 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 12392

Ion	Ratio	Lower	Upper
252	100		
253	30.0	28.5	42.7
125	27.8	18.1	27.1#

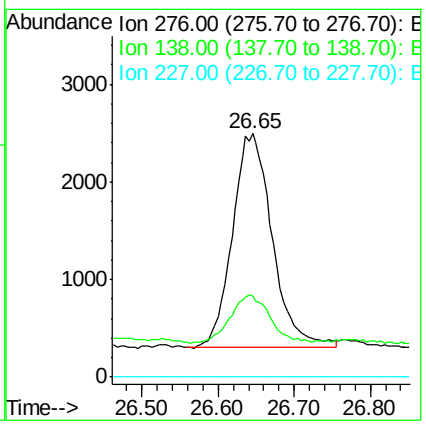


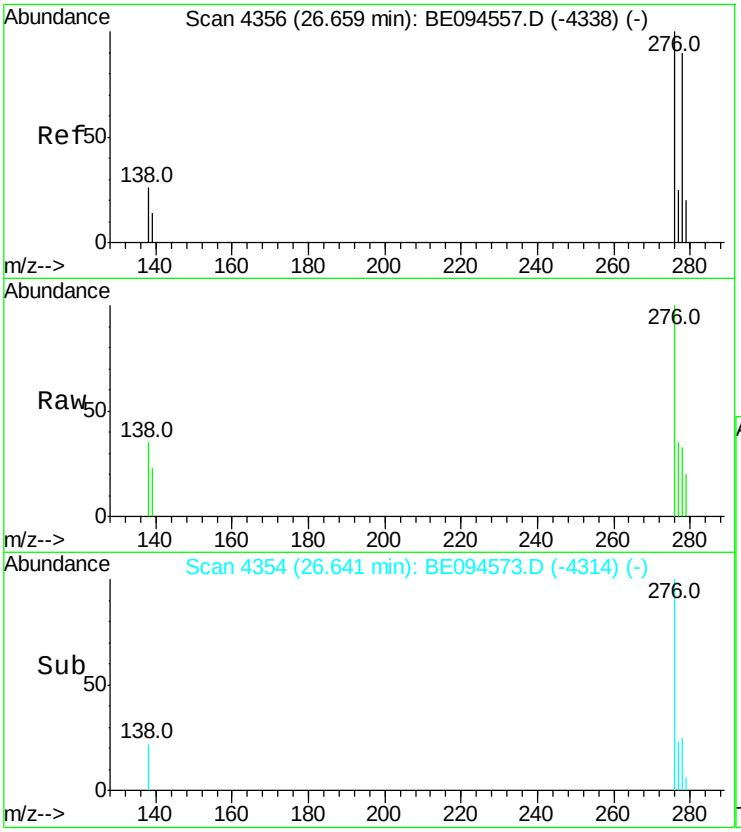


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.280 ng/ul
RT: 26.65 min Scan# 4355
Delta R.T. -0.01 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Tgt Ion:276 Resp: 7997

Ion	Ratio	Lower	Upper
276	100		
138	22.9	28.0	42.0#
227	0.0	8.0	12.0#



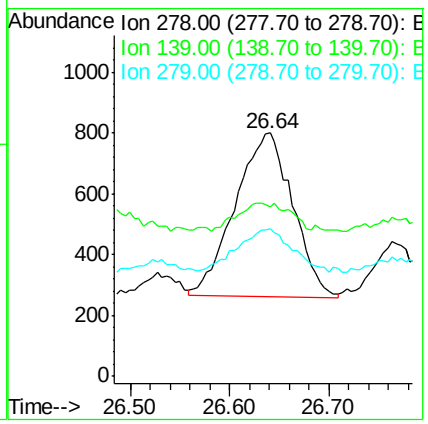


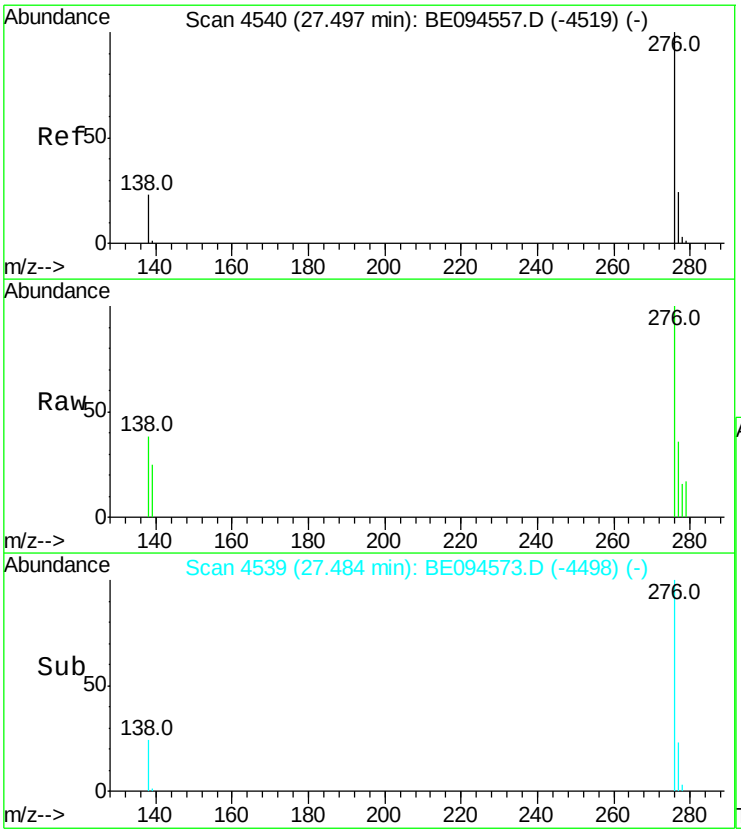
#25
Dibenzo(a,h)anthracene
Concen: 0.090 ng/ul
RT: 26.64 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 2169

Ion	Ratio	Lower	Upper
278	100		
139	69.4	17.4	26.0#
279	60.8	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.305 ng/ul
RT: 27.48 min Scan# 4539
Delta R.T. -0.01 min
Lab File: BE094573.D
Acq: 26 Oct 2017 21:41

Tgt Ion:276 Resp: 6991

Ion	Ratio	Lower	Upper
276	100		
138	38.4	21.8	32.8#
277	36.2	20.5	30.7#