Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094224.D
Acq On : 9 Oct 2017 17:07
Operator : SJ/JU
Sample : I5522-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 10 09:20:23 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 09:18:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	4476	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	23843	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	14439	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	31835	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	31675	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	37147	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3728	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	9602	0.09	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.29	178	16213	0.195	ng/ul#	93
13) Anthracene	17.38	178	3668	0.045	ng/ul	94
15) Fluoranthene	19.30	202	39538	0.362	ng/ul	85
17) Pyrene	19.66	202	36327	0.412	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	17819	0.212	ng/ul#	88
19) Chrysene	21.45	228	20419	0.210	ng/ul	95
21) Benzo(b)fluoranthene	23.15	252	35535	0.352	ng/ul	92
22) Benzo(k)fluoranthene	23.15	252	35535	0.305	ng/ul	93
23) Benzo(a)pyrene	23.81	252	17247	0.164	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	26.58	276	11946	0.111	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.59	278	3031	0.034	ng/ul#	42
26) Benzo(g,h,i)perylene	27.40	276	10338	0.112	ng/ul#	87

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

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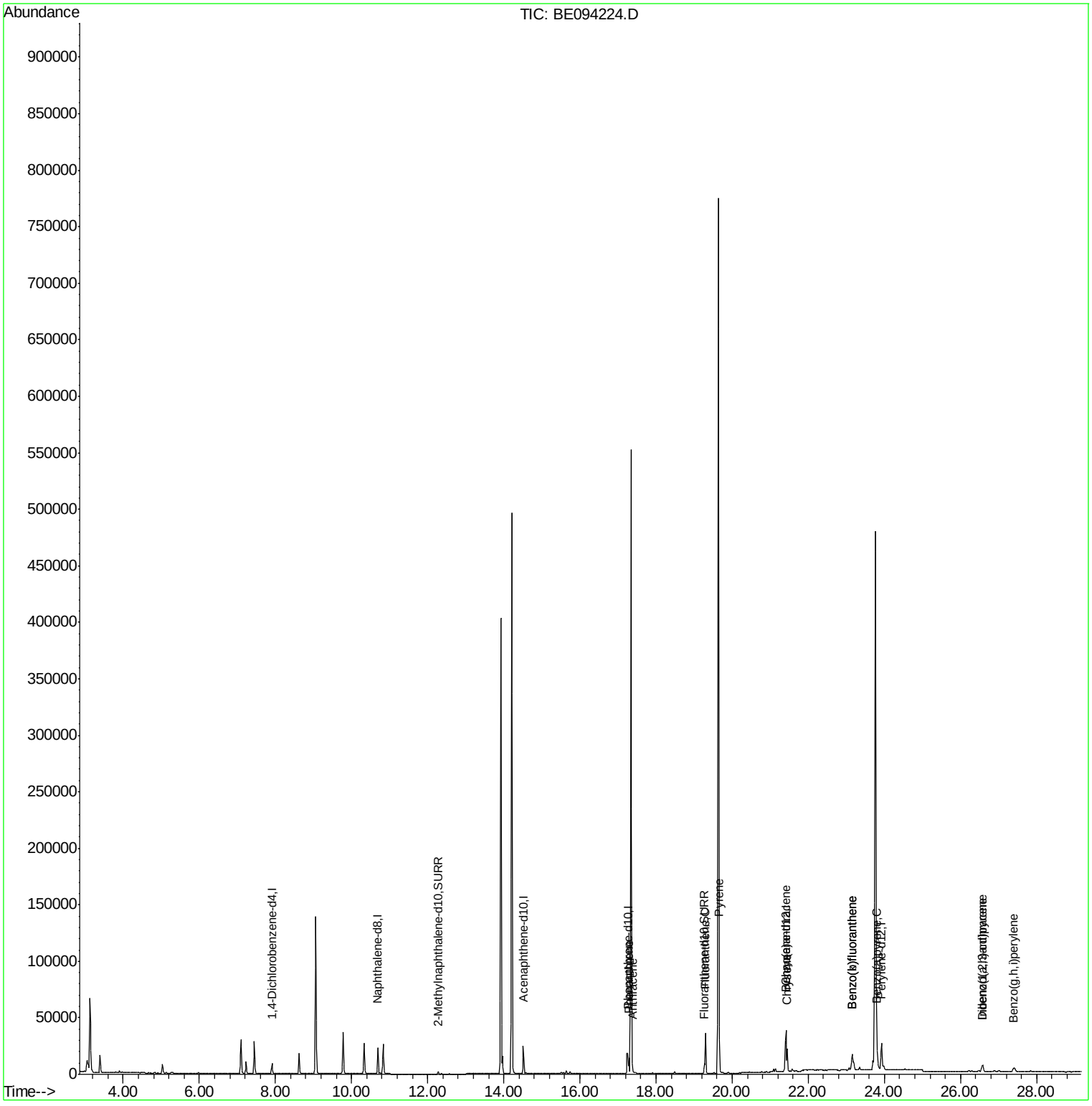
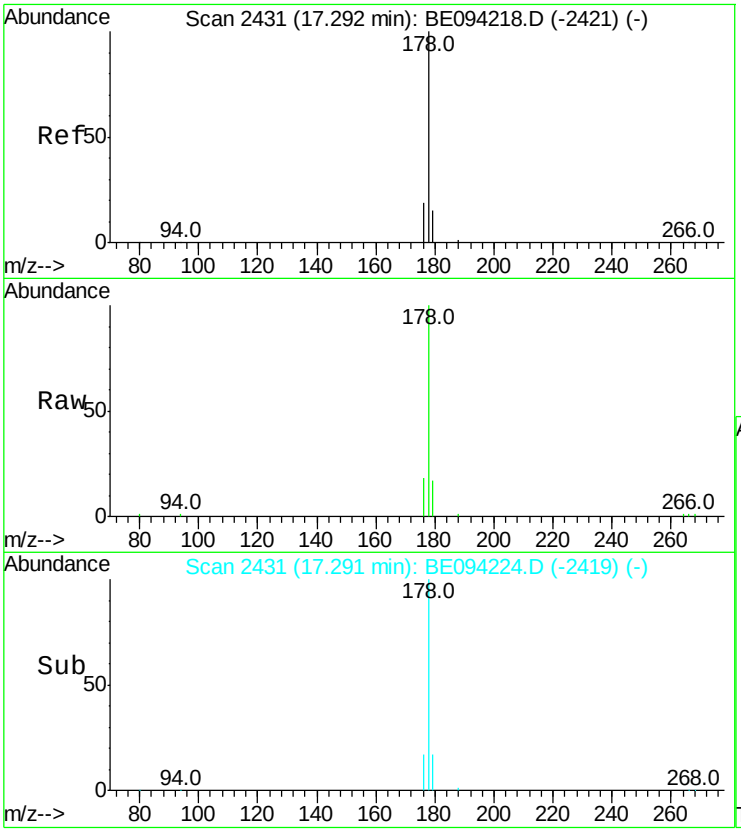


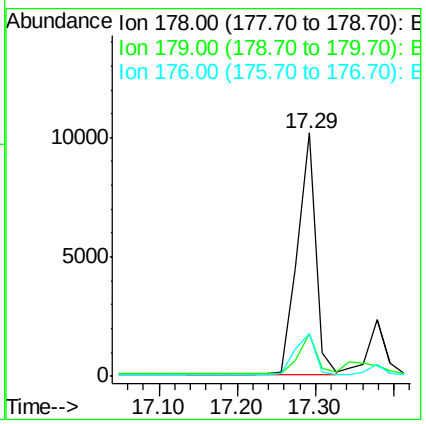


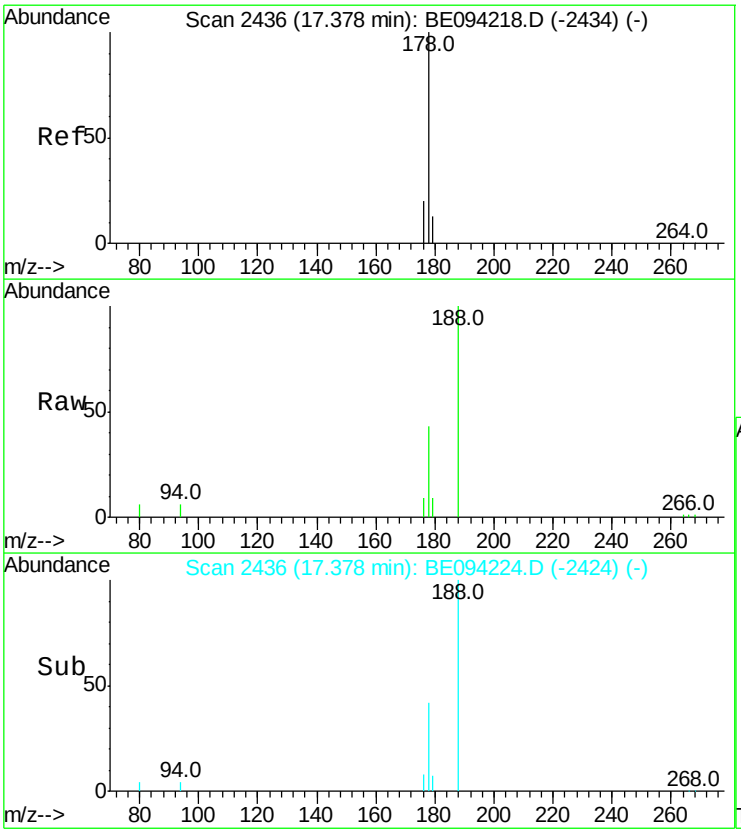
#12
Phenanthrene
Concen: 0.195 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094224.D
Acq: 9 Oct 2017 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 16213

Ion	Ratio	Lower	Upper
178	100		
179	17.4	18.4	27.6#
176	17.8	13.6	20.4

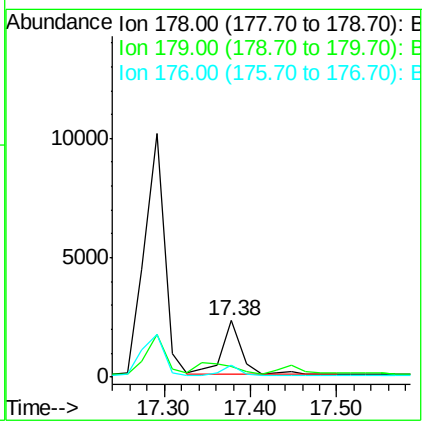


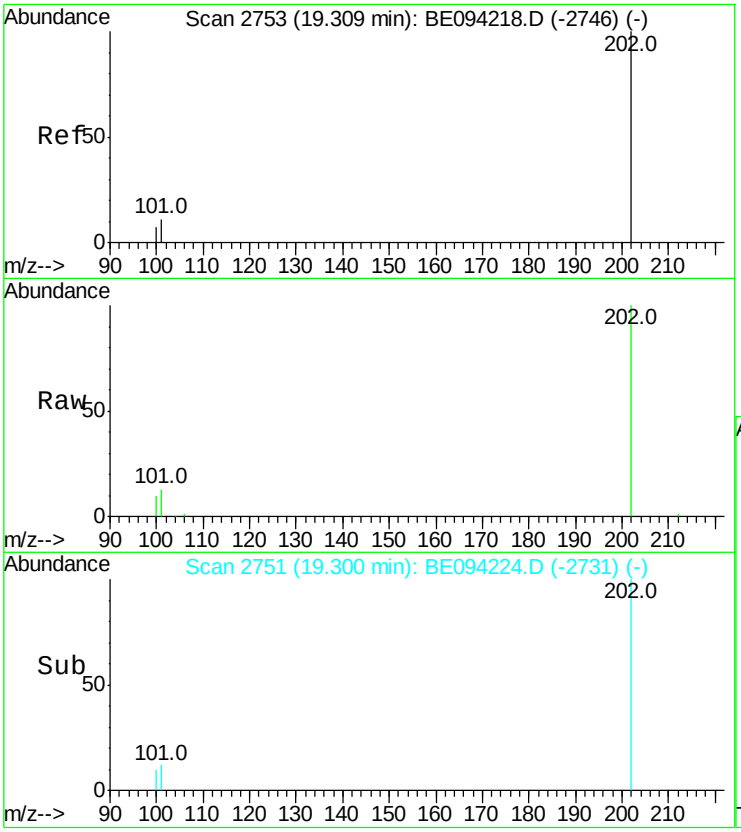


#13
Anthracene
Concen: 0.045 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BE094224.D
Acq: 9 Oct 2017 17:07

Tgt Ion:178 Resp: 3668

Ion	Ratio	Lower	Upper
178	100		
179	19.6	18.1	27.1
176	20.7	14.7	22.1



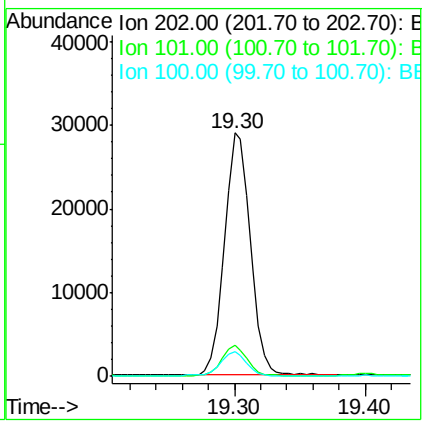


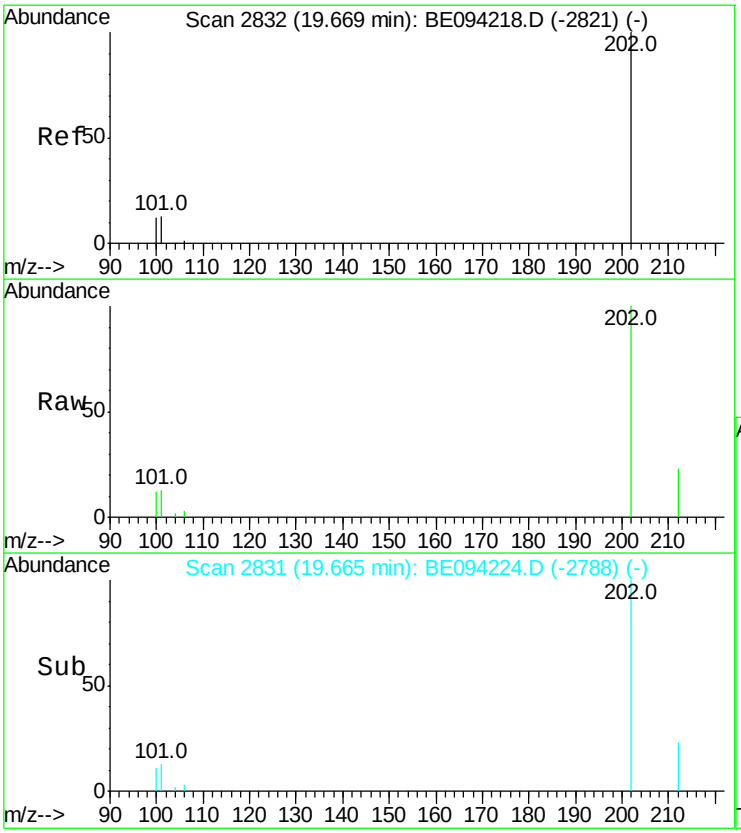
#15
Fluoranthene
Concen: 0.362 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BE094224.D
Acq: 9 Oct 2017 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 39538

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.3
100	10.2	0.0	39.5

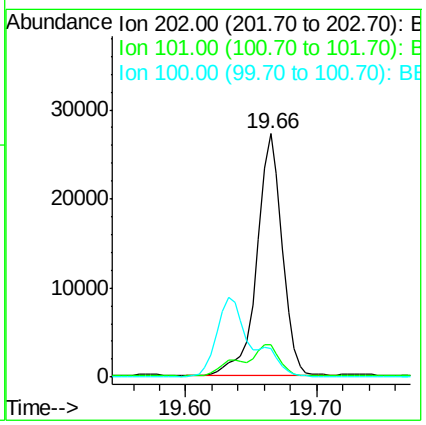


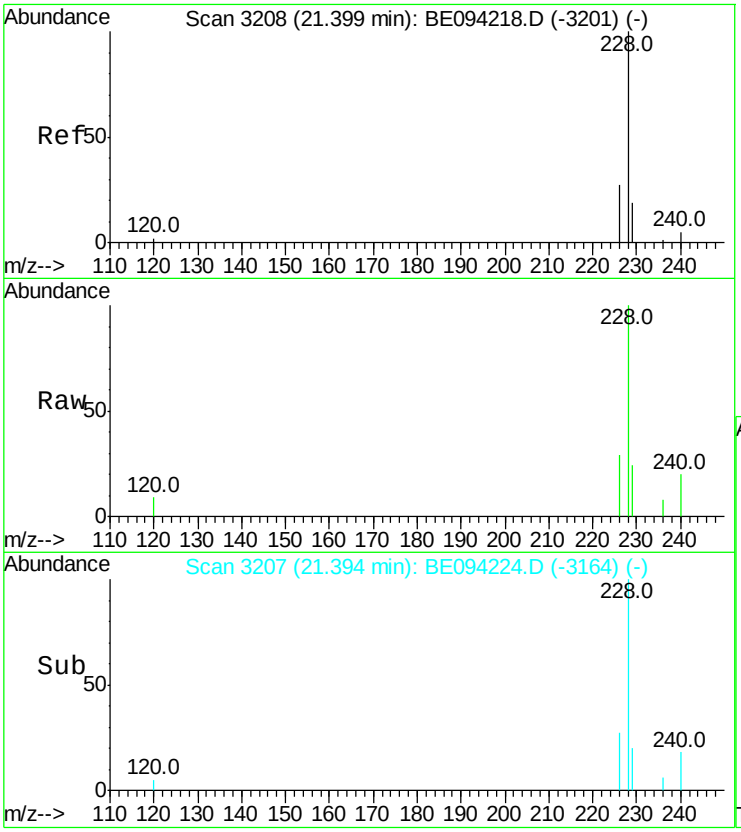


#17
Pyrene
Concen: 0.412 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE094224.D
Acq: 9 Oct 2017 17:07

Tgt Ion:202 Resp: 36327

Ion	Ratio	Lower	Upper
202	100		
101	13.5	18.2	27.4#
100	11.7	15.6	23.4#



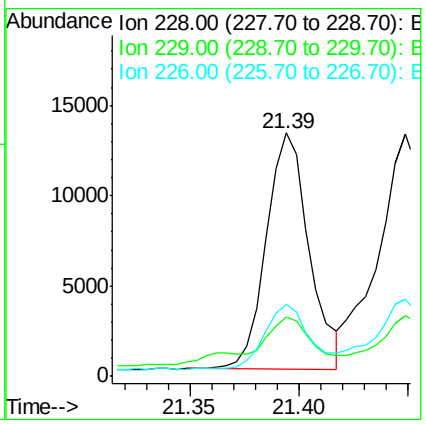


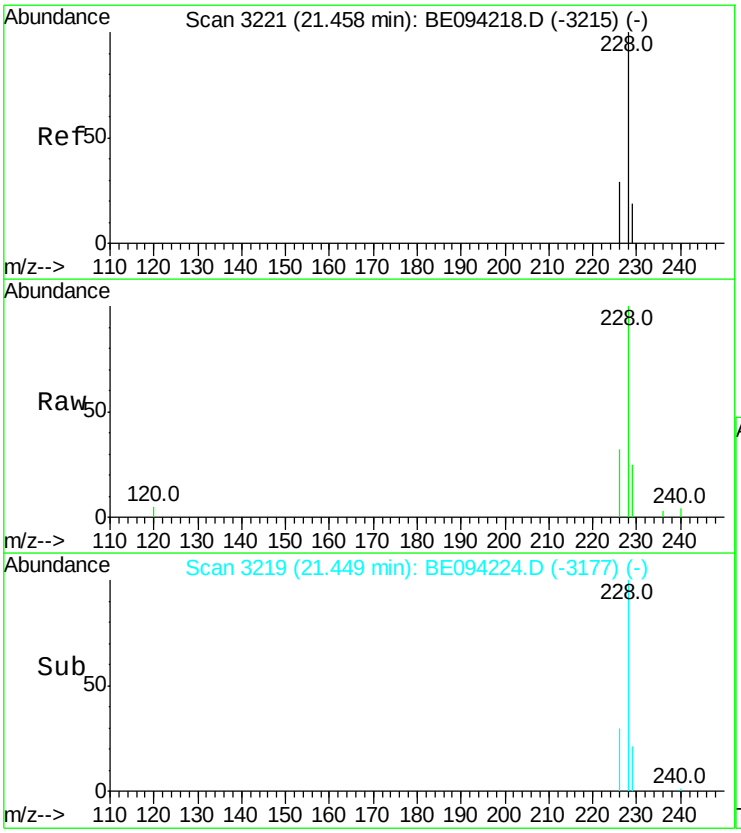
#18
Benzo(a)anthracene
Concen: 0.212 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE094224.D
Acq: 9 Oct 2017 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 17819

Ion	Ratio	Lower	Upper
228	100		
229	24.2	22.8	34.2
226	29.5	17.0	25.6#

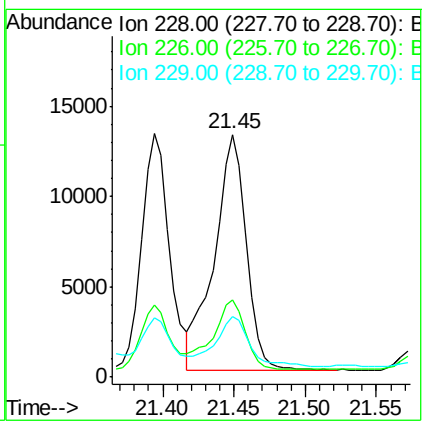


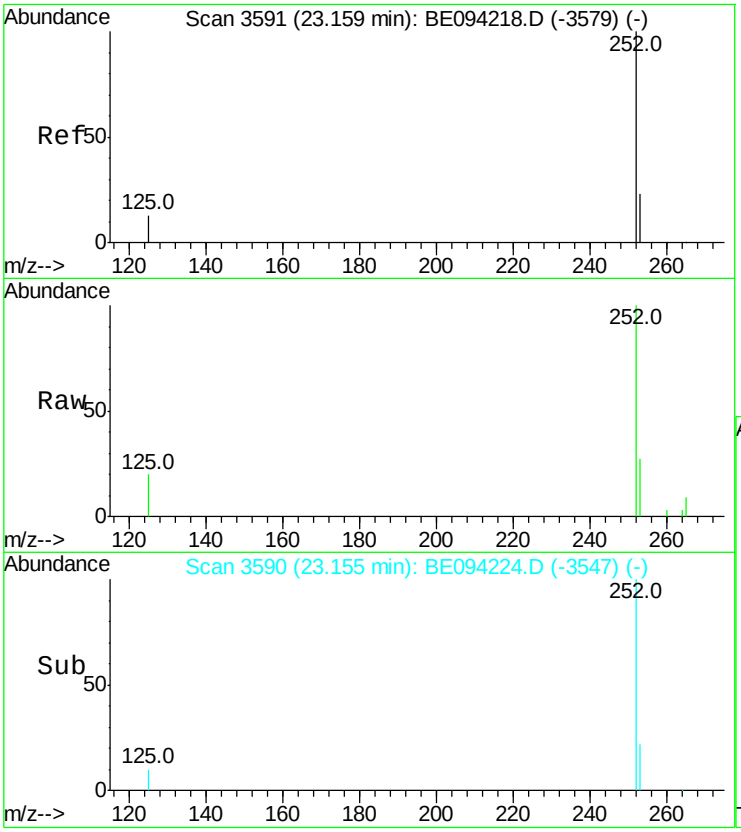


#19
Chrysene
Concen: 0.210 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BE094224.D
Acq: 9 Oct 2017 17:07

Tgt Ion:228 Resp: 20419

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.0
229	25.0	17.7	26.5



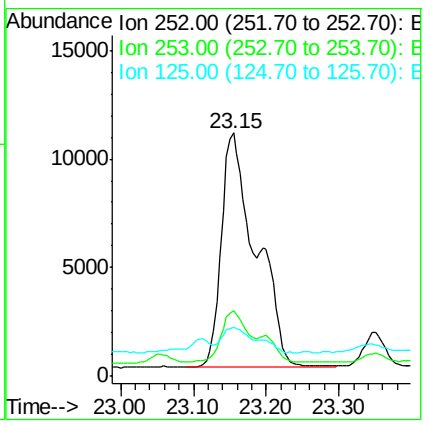


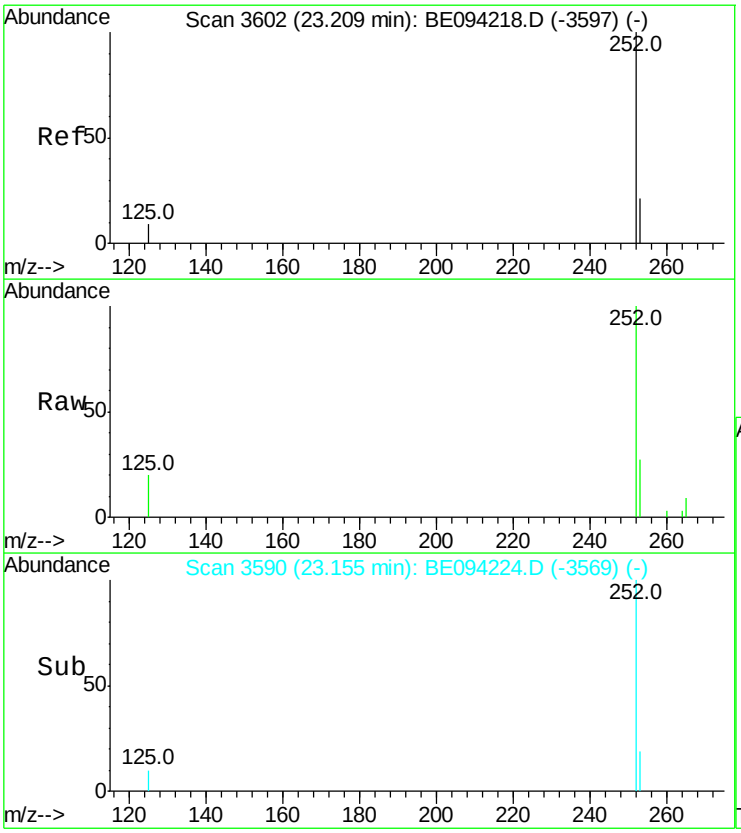
#21
Benzo(b)fluoranthene
Concen: 0.352 ng/ul
RT: 23.15 min Scan# 3590
Delta R.T. -0.00 min
Lab File: BE094224.D
Acq: 9 Oct 2017 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35535

Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	64.2
125	20.2	0.0	35.0

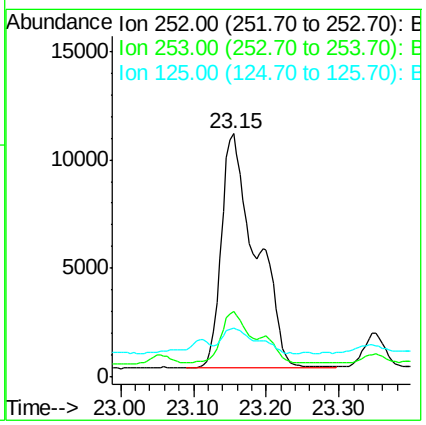


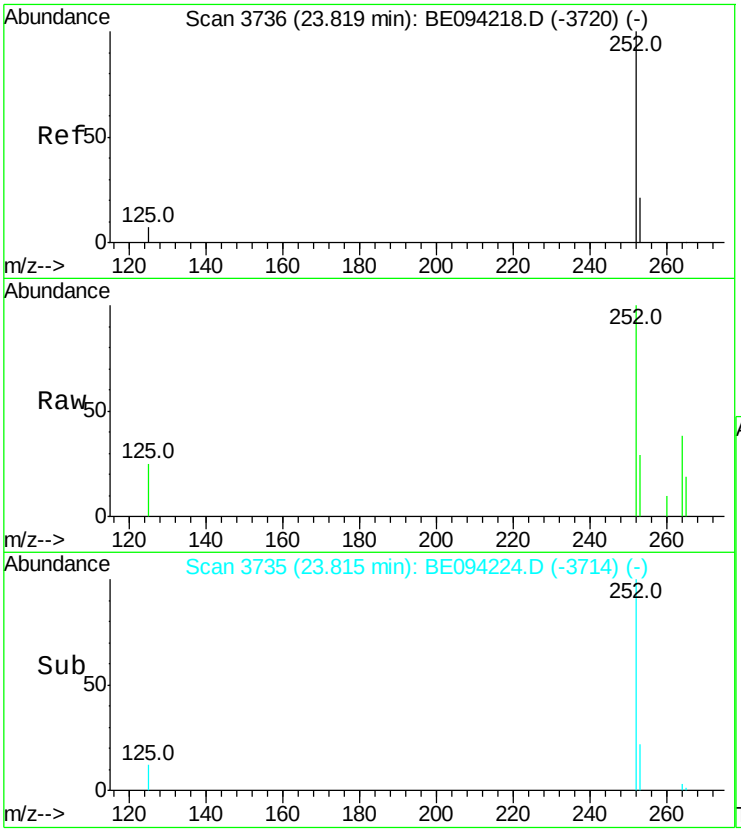


#22
Benzo(k)fluoranthene
Concen: 0.305 ng/ul
RT: 23.15 min Scan# 3590
Delta R.T. -0.05 min
Lab File: BE094224.D
Acq: 9 Oct 2017 17:07

Tgt Ion:252 Resp: 35535

Ion	Ratio	Lower	Upper
252	100		
253	27.1	24.5	36.7
125	20.2	13.7	20.5



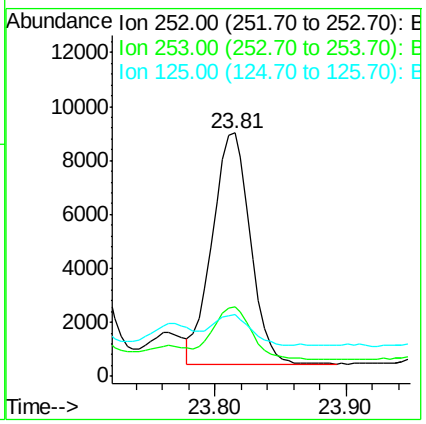


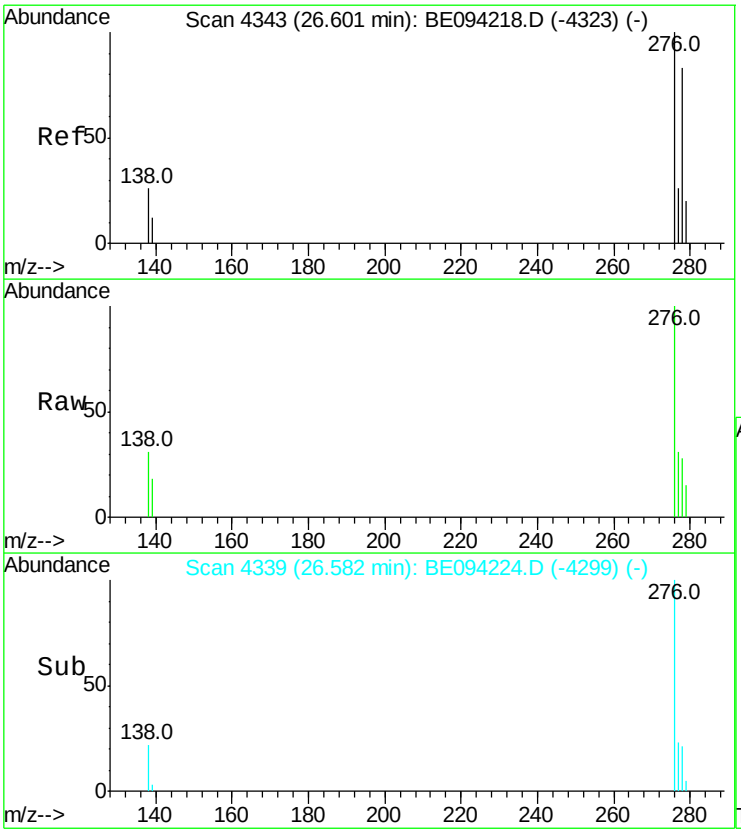
#23
Benzo(a)pyrene
Concen: 0.164 ng/ul
RT: 23.81 min Scan# 3735
Delta R.T. -0.00 min
Lab File: BE094224.D
Acq: 9 Oct 2017 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17247

Ion	Ratio	Lower	Upper
252	100		
253	28.7	28.5	42.7
125	25.3	18.1	27.1

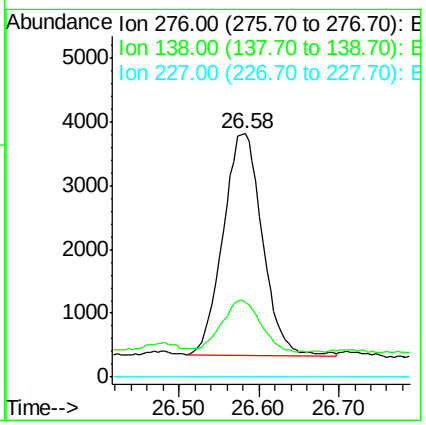


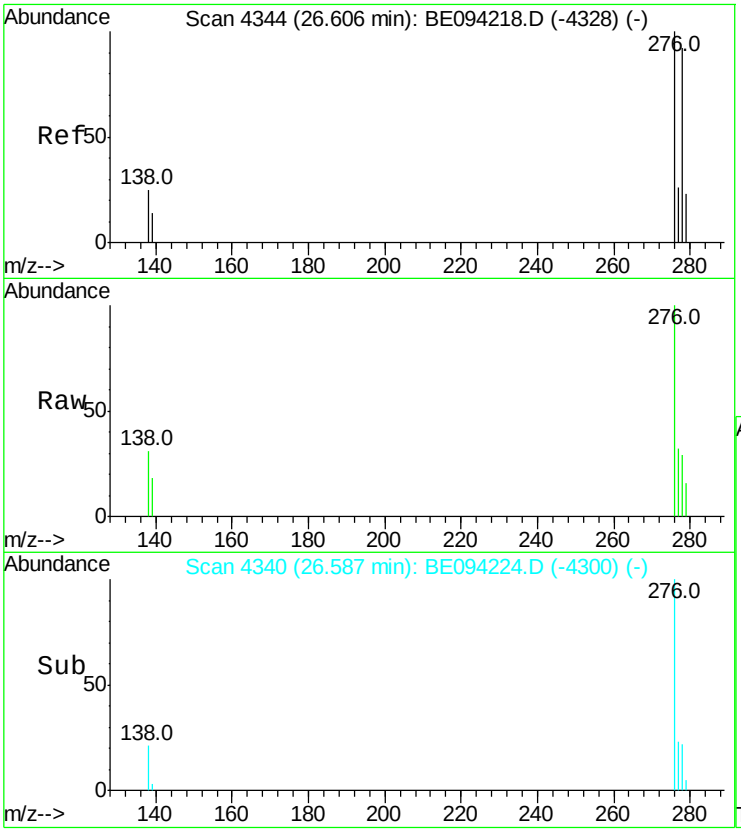


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.111 ng/ul
RT: 26.58 min Scan# 4339
Delta R.T. -0.02 min
Lab File: BE094224.D
Acq: 9 Oct 2017 17:07

Tgt Ion:276 Resp: 11946

Ion	Ratio	Lower	Upper
276	100		
138	23.6	28.0	42.0#
227	0.0	8.0	12.0#



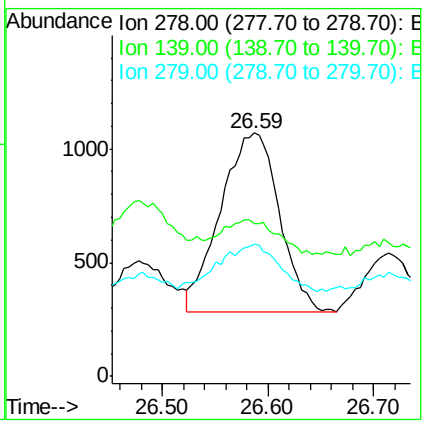


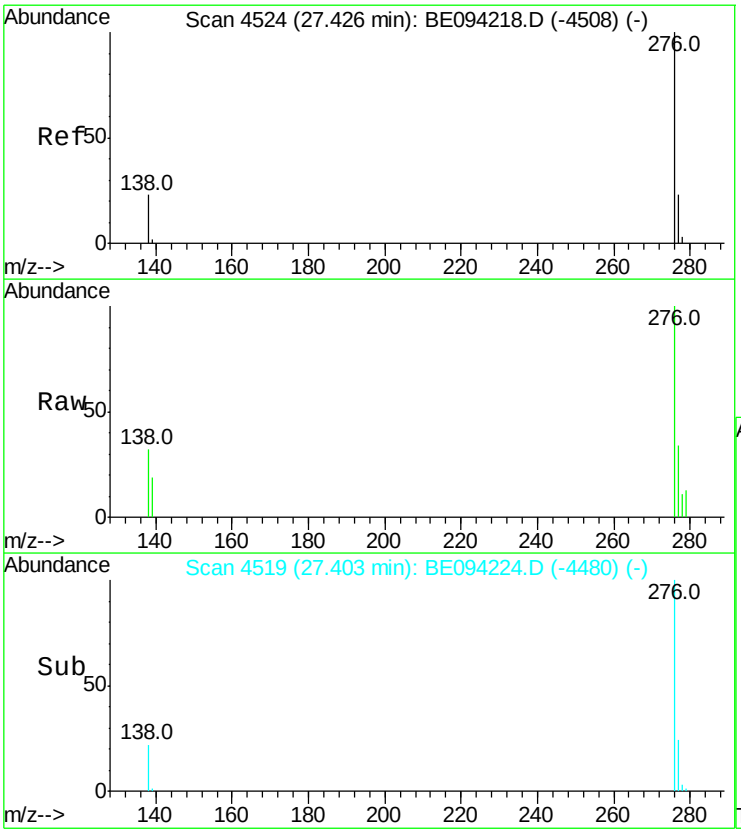
#25
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 26.59 min Scan# 4340
Delta R.T. -0.02 min
Lab File: BE094224.D
Acq: 9 Oct 2017 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 3031

Ion	Ratio	Lower	Upper
278	100		
139	62.8	17.4	26.0#
279	54.1	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.112 ng/ul
RT: 27.40 min Scan# 4519
Delta R.T. -0.02 min
Lab File: BE094224.D
Acq: 9 Oct 2017 17:07

Tgt Ion:276 Resp: 10338

Ion	Ratio	Lower	Upper
276	100		
138	32.5	21.8	32.8
277	33.6	20.5	30.7#