Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094231.D
Acq On : 9 Oct 2017 21:26
Operator : SJ/JU
Sample : I5522-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 10 08:50:17 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2615	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	13941	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	8175	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	17813	0.40	ng/ul	-0.03
16) Chrysene-d12	21.41	240	18128	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	19355	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2157	0.10	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	5447	0.09	ng/ul	-0.01
Target Compounds						Qvalue
12) Phenanthrene	17.29	178	2409	0.05	ng/ul	97
13) Anthracene	17.29	178	2396	0.05	ng/ul	98
15) Fluoranthene	19.30	202	6448	0.11	ng/ul	85
17) Pyrene	19.66	202	6446	0.13	ng/ul#	88
18) Benzo(a)anthracene	21.39	228	2784	0.06	ng/ul#	83
19) Chrysene	21.44	228	3636	0.07	ng/ul#	84
21) Benzo(b)fluoranthene	23.15	252	6691	0.13	ng/ul#	81
22) Benzo(k)fluoranthene	23.15	252	6691	0.11	ng/ul#	78
23) Benzo(a)pyrene	23.80	252	2905	0.05	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	26.57	276	2470	0.04	ng/ul#	80
26) Benzo(g,h,i)perylene	27.40	276	2051	0.04	ng/ul#	55

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

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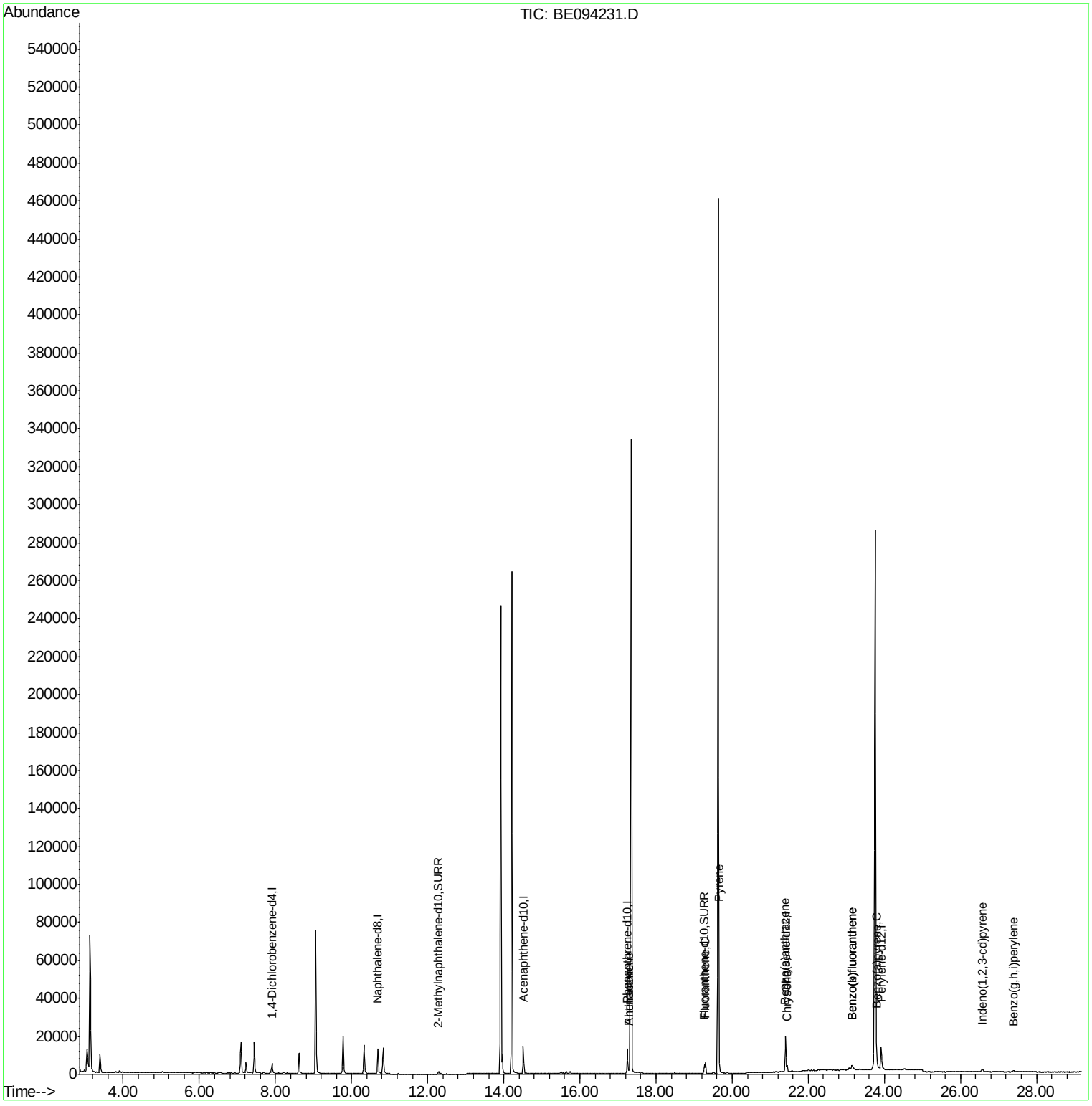
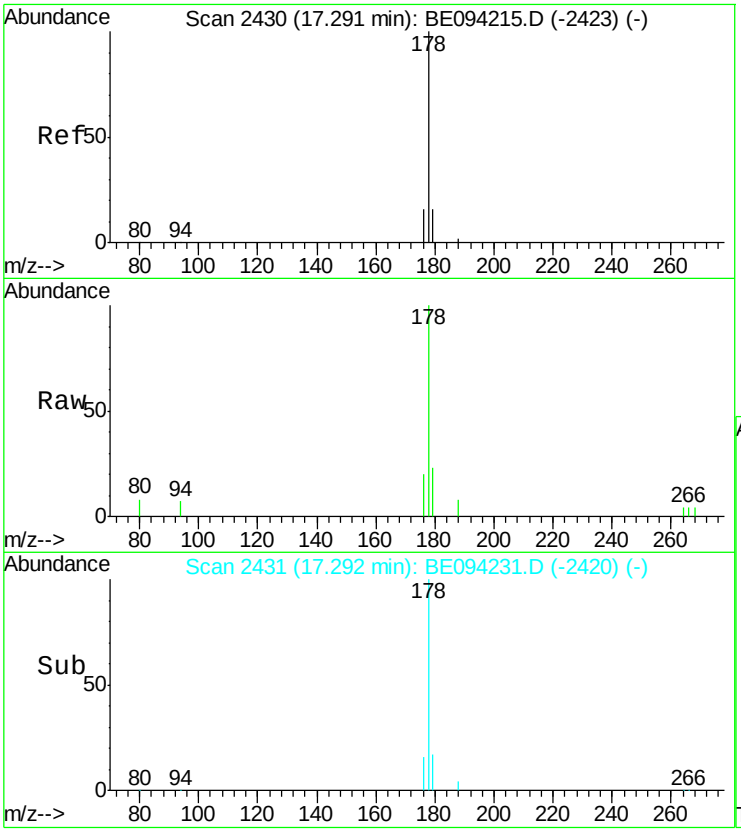


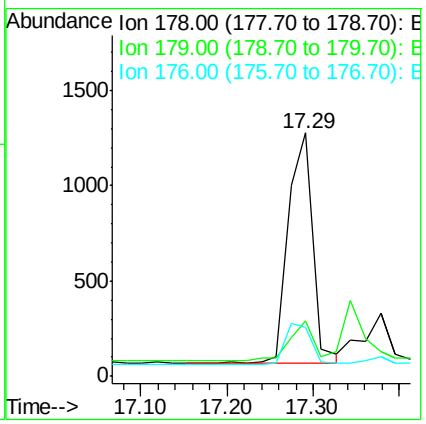


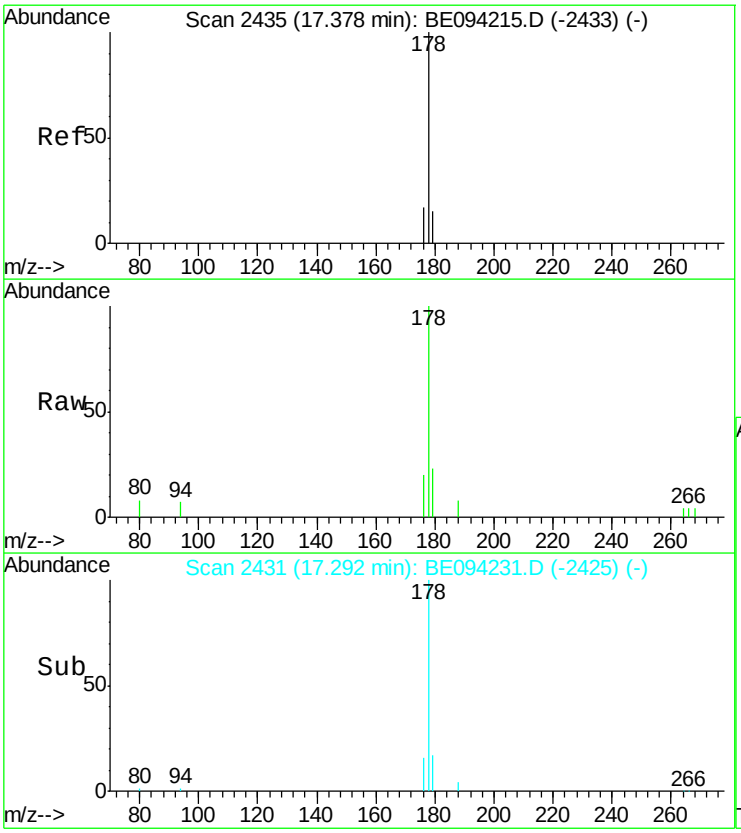
#12
Phenanthrene
Concen: 0.05 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094231.D
Acq: 9 Oct 2017 21:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 2409

Ion	Ratio	Lower	Upper
178	100		
179	22.8	18.4	27.6
176	20.0	13.6	20.4

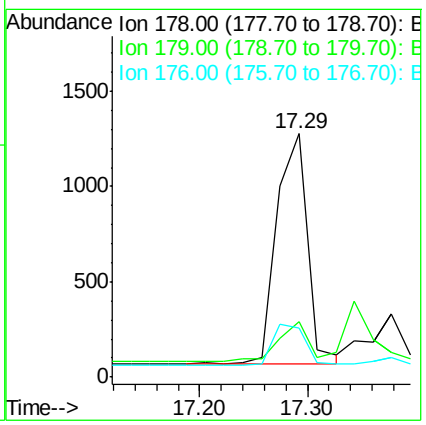


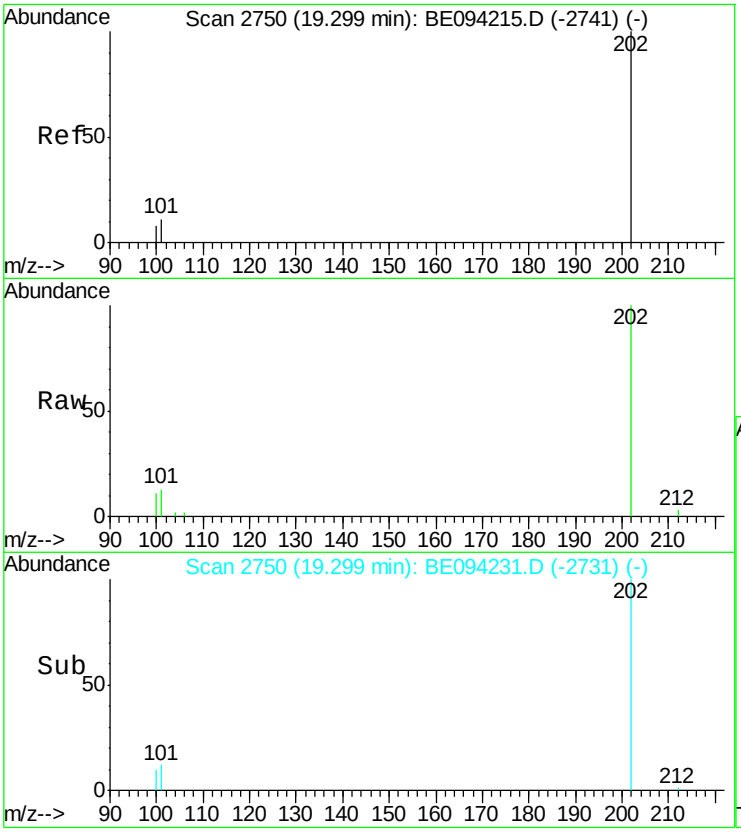


#13
Anthracene
Concen: 0.05 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.10 min
Lab File: BE094231.D
Acq: 9 Oct 2017 21:26

Tgt Ion:178 Resp: 2396

Ion	Ratio	Lower	Upper
178	100		
179	22.8	18.1	27.1
176	20.0	14.7	22.1



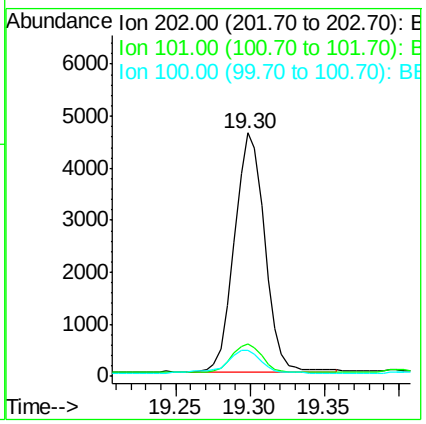


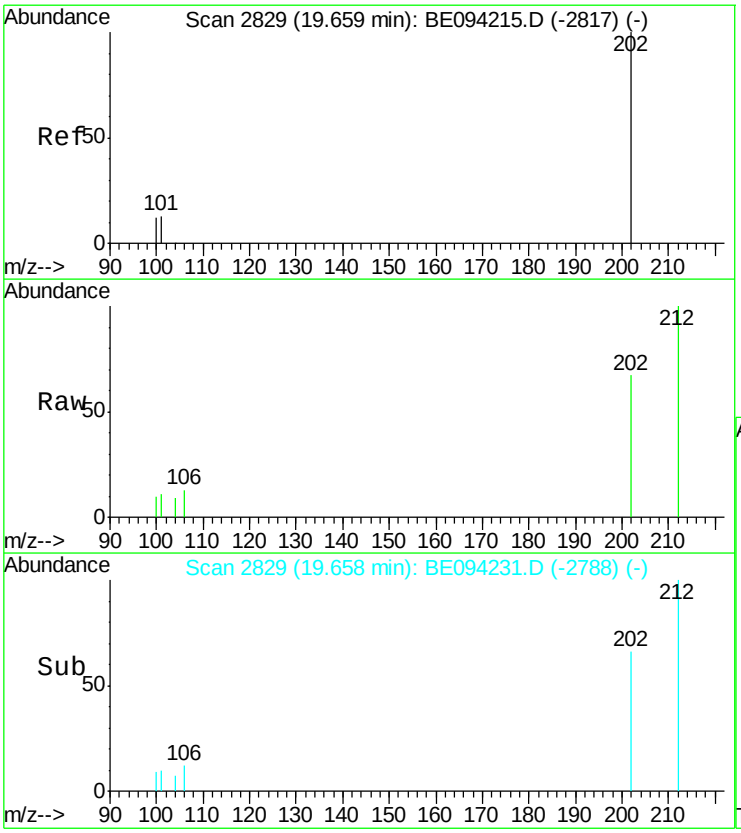
#15
Fluoranthene
Concen: 0.11 ng/ul
RT: 19.30 min Scan# 2750
Delta R.T. -0.01 min
Lab File: BE094231.D
Acq: 9 Oct 2017 21:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 6448

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	30.3
100	10.8	0.0	39.5

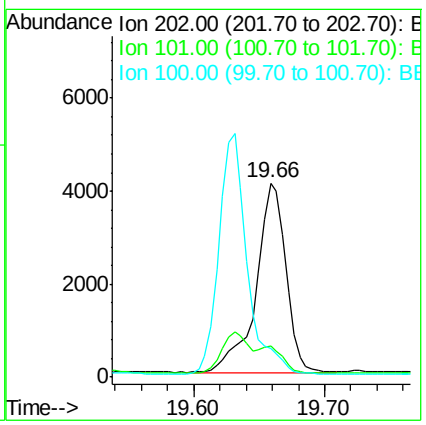


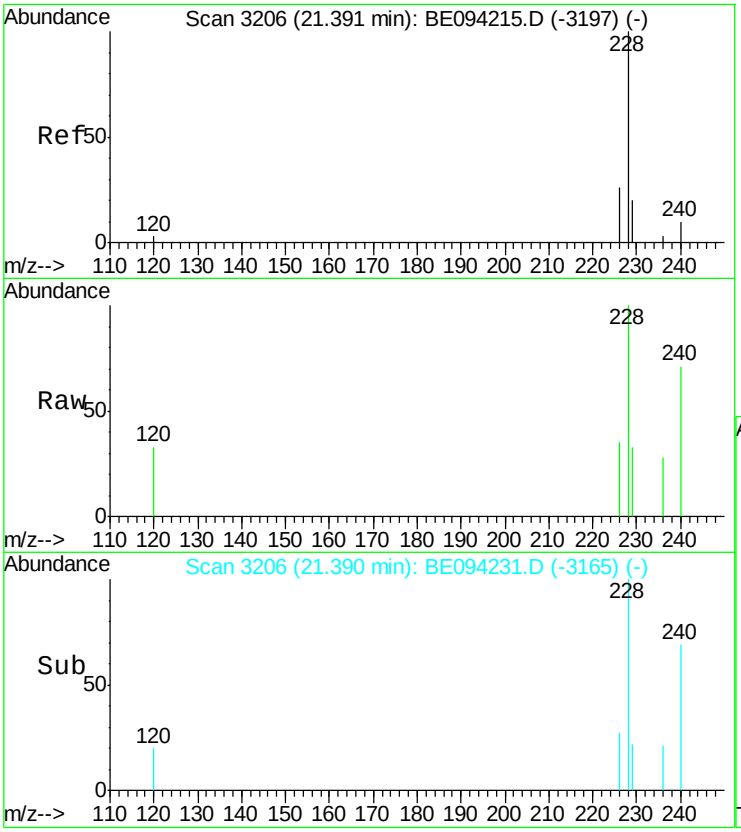


#17
Pyrene
Concen: 0.13 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BE094231.D
Acq: 9 Oct 2017 21:26

Tgt Ion:202 Resp: 6446

Ion	Ratio	Lower	Upper
202	100		
101	16.1	18.2	27.4#
100	14.9	15.6	23.4#



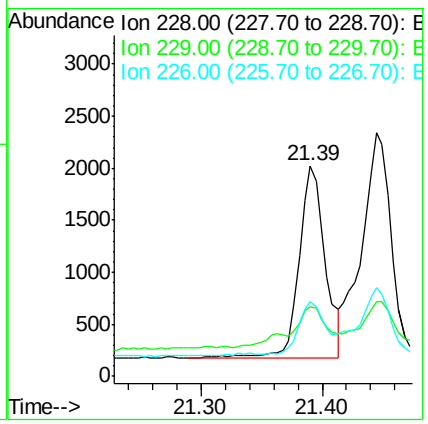


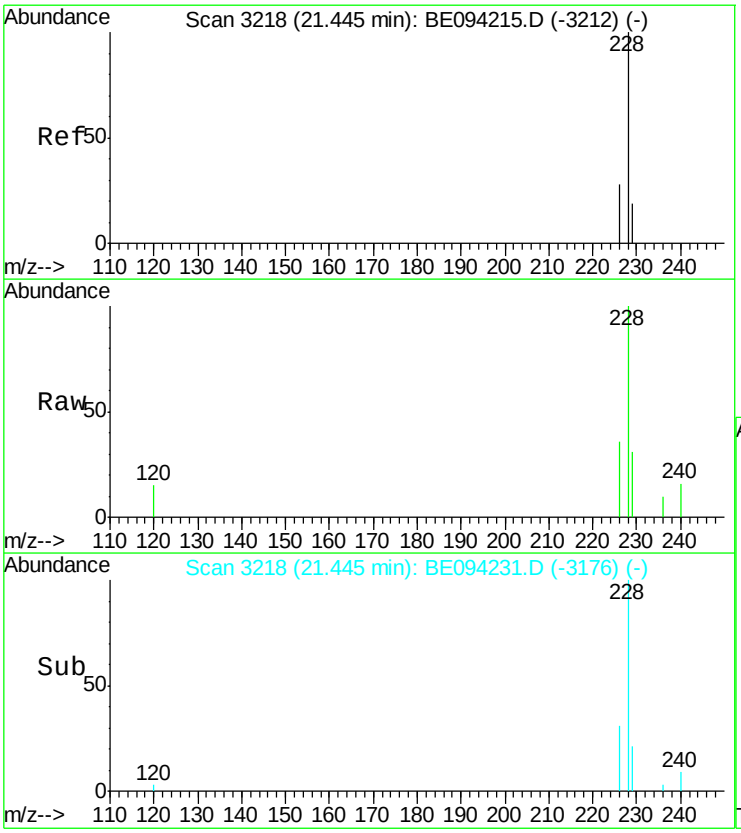
#18
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BE094231.D
Acq: 9 Oct 2017 21:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2784

Ion	Ratio	Lower	Upper
228	100		
229	32.9	22.8	34.2
226	35.2	17.0	25.6#

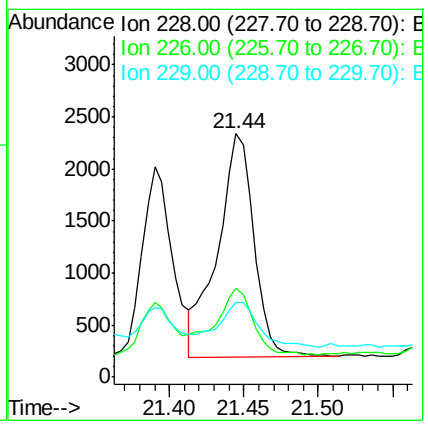


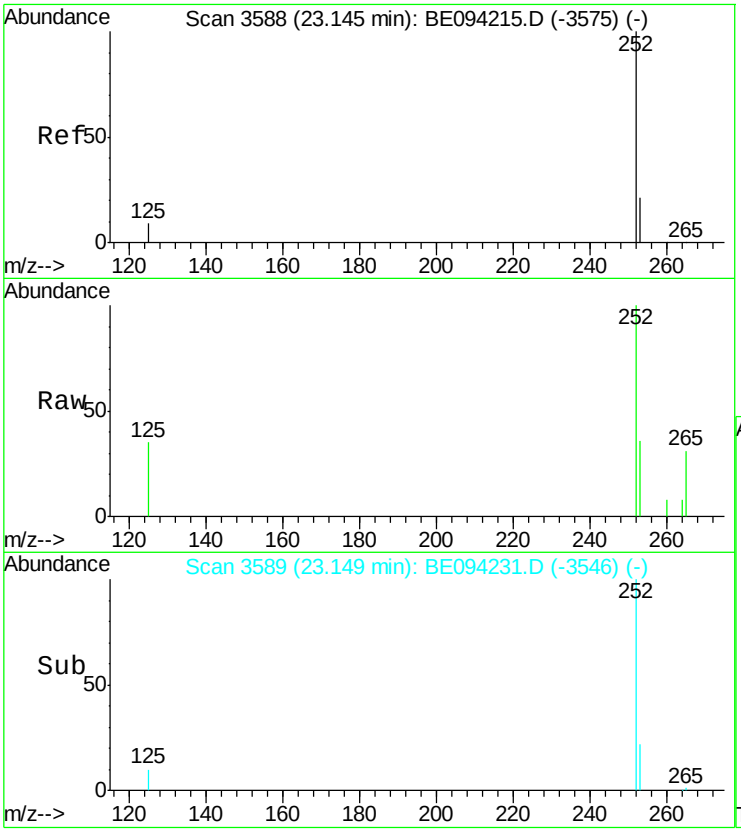


#19
Chrysene
Concen: 0.07 ng/ul
RT: 21.44 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BE094231.D
Acq: 9 Oct 2017 21:26

Tgt Ion:228 Resp: 3636

Ion	Ratio	Lower	Upper
228	100		
226	36.5	23.4	35.0#
229	30.9	17.7	26.5#



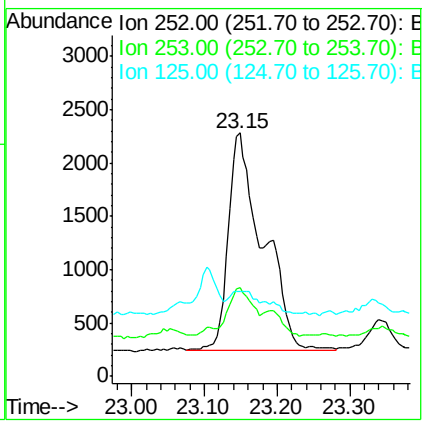


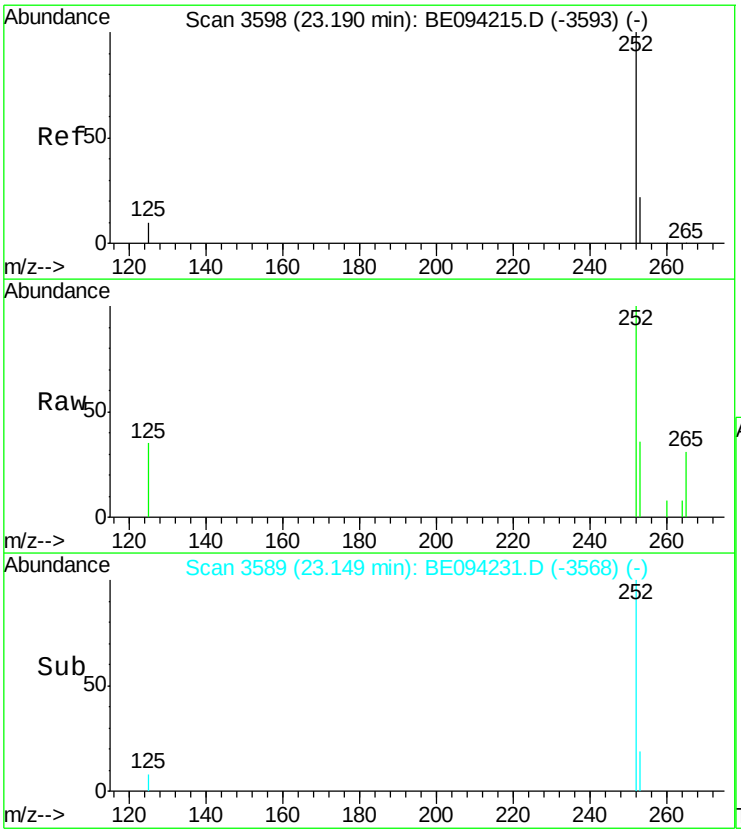
#21
Benzo(b)fluoranthene
Concen: 0.13 ng/ul
RT: 23.15 min Scan# 3589
Delta R.T. -0.00 min
Lab File: BE094231.D
Acq: 9 Oct 2017 21:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6691

Ion	Ratio	Lower	Upper
252	100		
253	36.3	0.0	64.2
125	35.1	0.0	35.0#

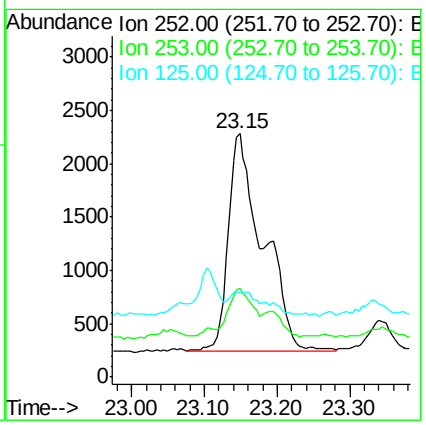


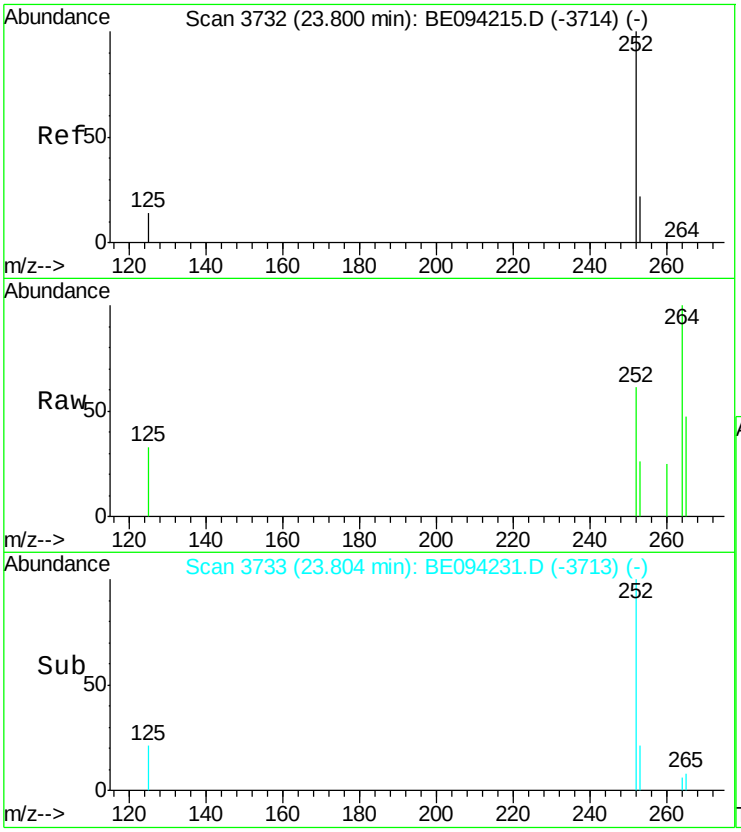


#22
Benzo(k)fluoranthene
Concen: 0.11 ng/ul
RT: 23.15 min Scan# 3589
Delta R.T. -0.05 min
Lab File: BE094231.D
Acq: 9 Oct 2017 21:26

Tgt Ion:252 Resp: 6691

Ion	Ratio	Lower	Upper
252	100		
253	36.3	24.5	36.7
125	35.1	13.7	20.5#



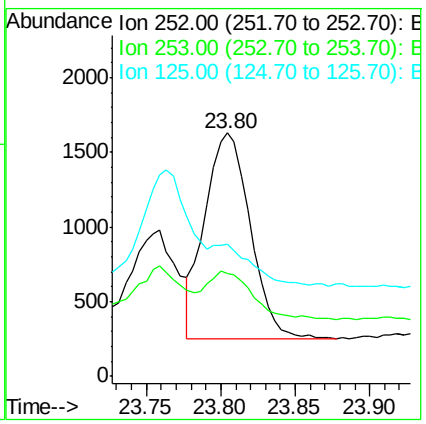


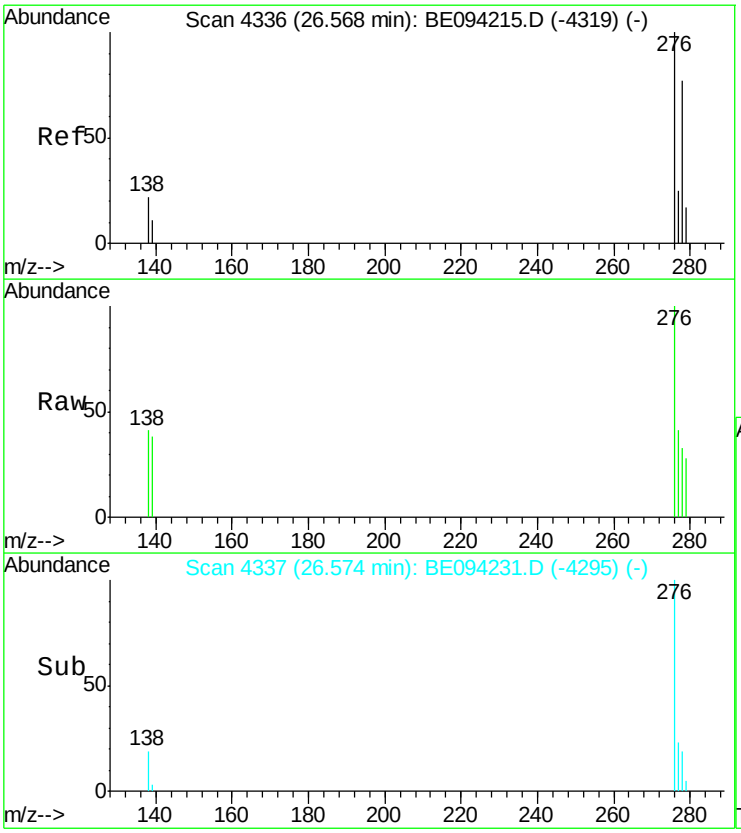
#23
Benzo(a)pyrene
Concen: 0.05 ng/ul
RT: 23.80 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BE094231.D
Acq: 9 Oct 2017 21:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2905

Ion	Ratio	Lower	Upper
252	100		
253	42.3	28.5	42.7
125	54.1	18.1	27.1#

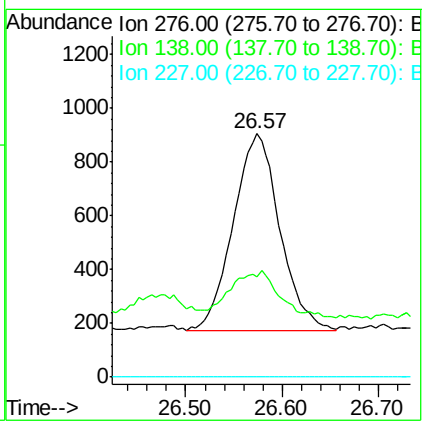


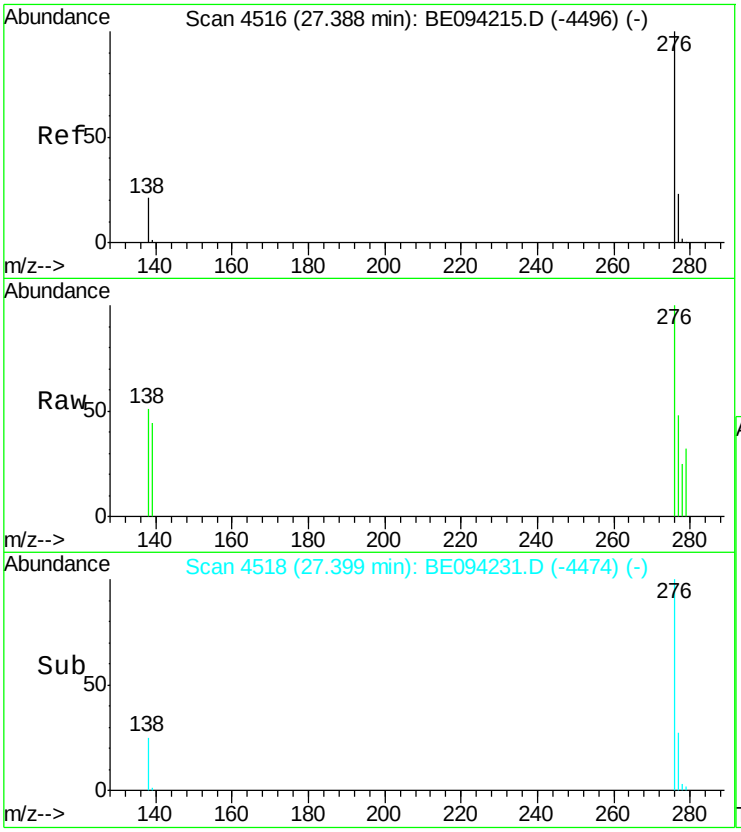


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng/ul
RT: 26.57 min Scan# 4337
Delta R.T. -0.01 min
Lab File: BE094231.D
Acq: 9 Oct 2017 21:26

Tgt Ion:276 Resp: 2470

Ion	Ratio	Lower	Upper
276	100		
138	24.5	28.0	42.0#
227	0.0	8.0	12.0#





#26
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul
RT: 27.40 min Scan# 4518
Delta R.T. 0.00 min
Lab File: BE094231.D
Acq: 9 Oct 2017 21:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 2051

Ion	Ratio	Lower	Upper
276	100		
138	51.2	21.8	32.8#
277	48.2	20.5	30.7#