Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
Data File : BE094682.D
Acq On : 1 Nov 2017 5:29
Operator : SJ/JU
Sample : I5844-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 01 09:40:15 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 09:37:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1501	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	8709	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4885	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	10492	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	10375	0.40	ng/ul	0.00
20) Perylene-d12	23.79	264	321153	0.40	ng/ul	-0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2285	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	5224	0.17	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.74	128	2291	0.11	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	1817	0.12	ng/ul	98
7) Acenaphthylene	14.24	152	5791	0.26	ng/ul	99
8) Acenaphthene	14.57	153	7806	0.49	ng/ul	99
9) Fluorene	15.56	166	8335	0.47	ng/ul	93
12) Phenanthrene	17.29	178	604434	21.81	ng/ul#	92
13) Anthracene	17.38	178	45480	1.66	ng/ul#	92
15) Fluoranthene	19.31	202	1739191	54.28	ng/ul	84
17) Pyrene	19.67	202	1353155	42.19	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	483674	16.31	ng/ul#	86
19) Chrysene	21.46	228	784685	25.60	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	867602	0.96	ng/ul	83
22) Benzo(k)fluoranthene	23.18	252	796230	0.82	ng/ul#	85
23) Benzo(a)pyrene	23.73	252	469340	0.52	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.35	276	43731	0.05	ng/ul#	67
26) Benzo(g,h,i)perylene	27.48	276	207084	0.28	ng/ul	94

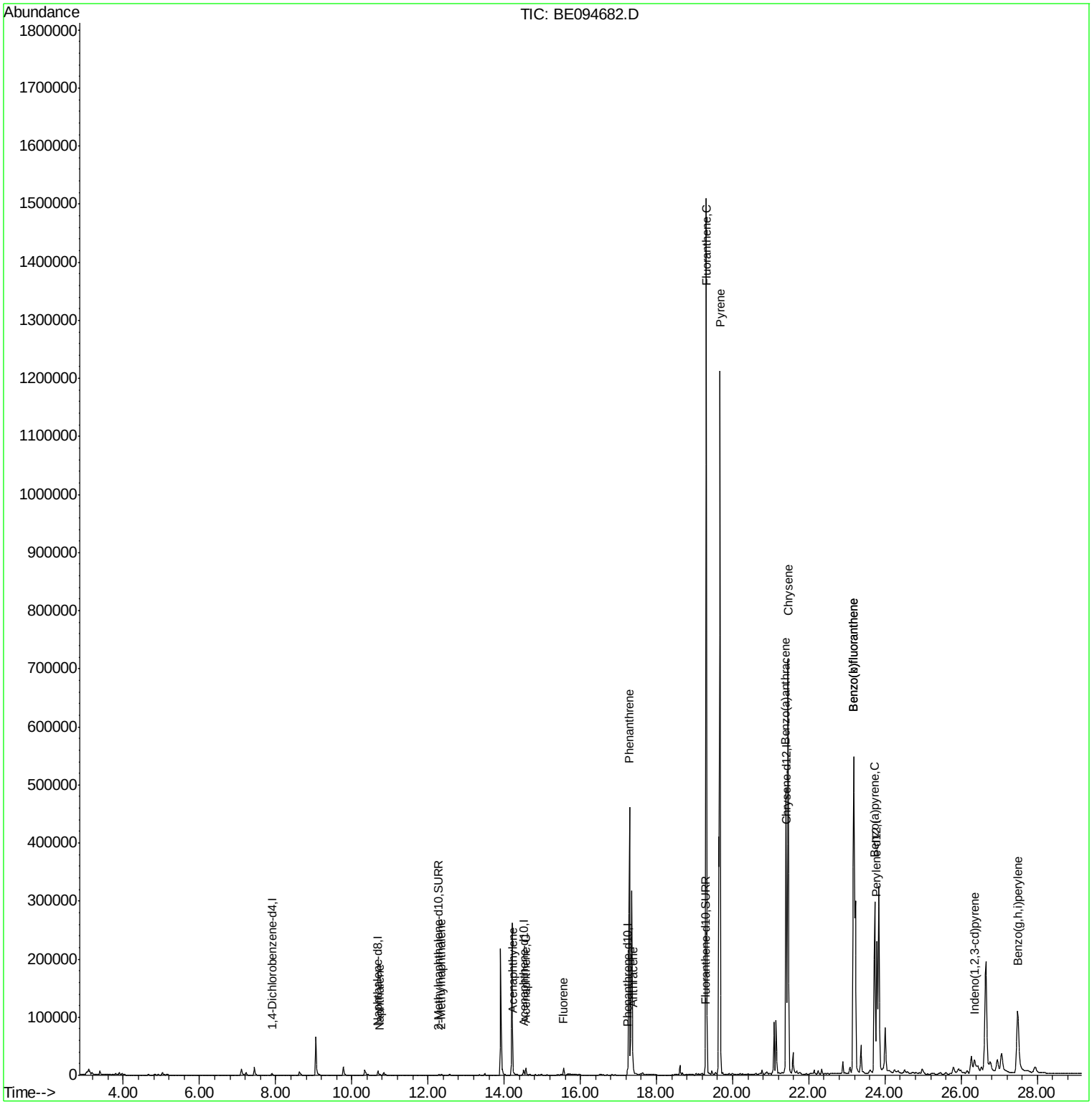
(#) = qualifier out of range (m) = manual integration (+) = signals summed

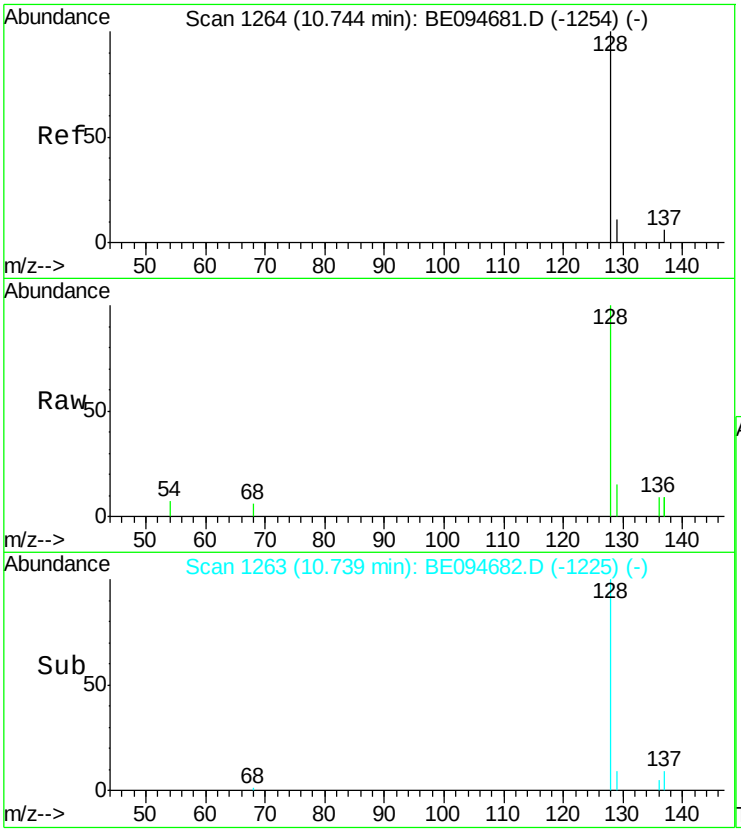
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
Data File : BE094682.D
Acq On : 1 Nov 2017 5:29
Operator : SJ/JU
Sample : I5844-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 01 09:40:15 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 09:37:39 2017
Response via : Initial Calibration



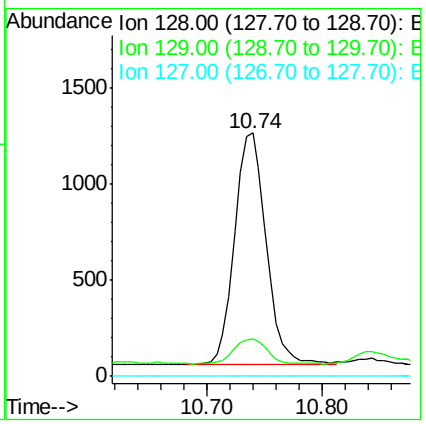


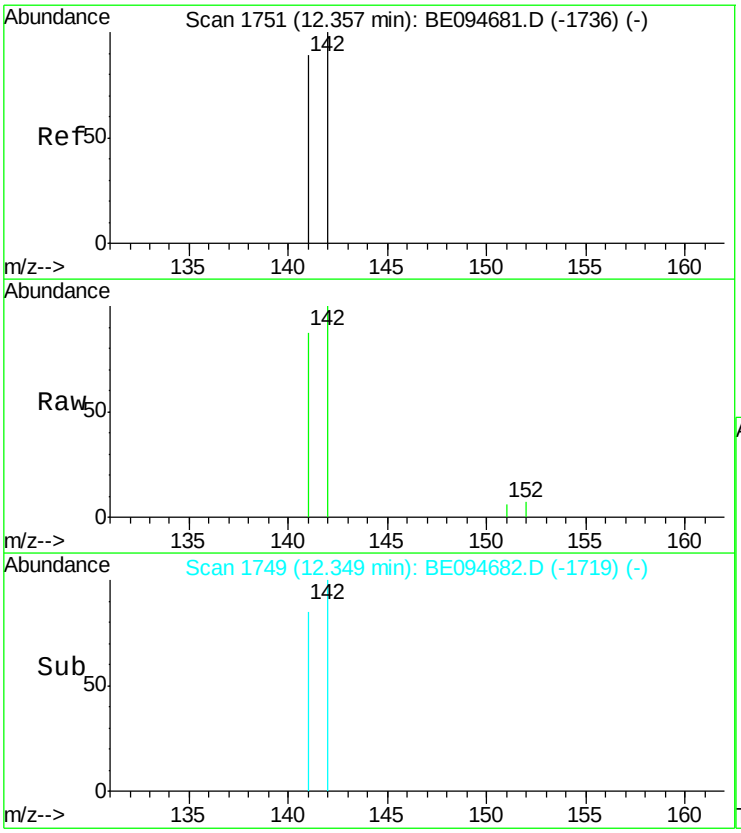
#3
Naphthalene
Concen: 0.11 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 2291

Ion	Ratio	Lower	Upper
128	100		
129	15.5	11.3	16.9
127	0.0	4.0	6.0#

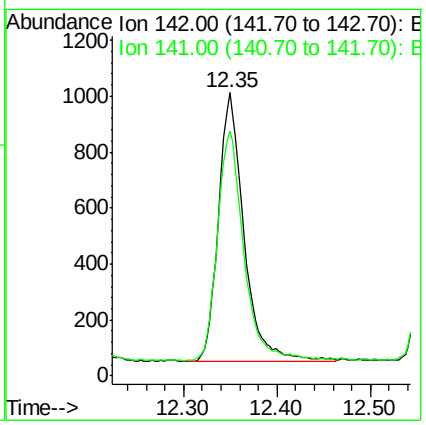


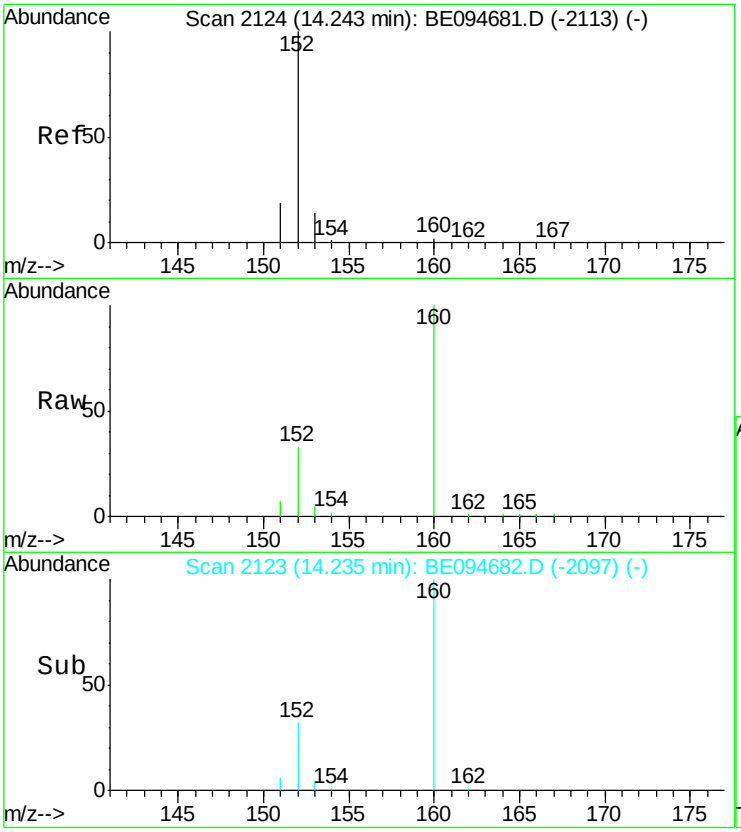


#5
2-Methylnaphthalene
Concen: 0.12 ng/ul
RT: 12.35 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Tgt Ion:142 Resp: 1817

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	108.8



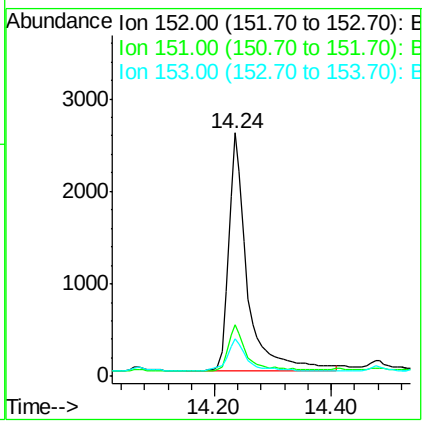


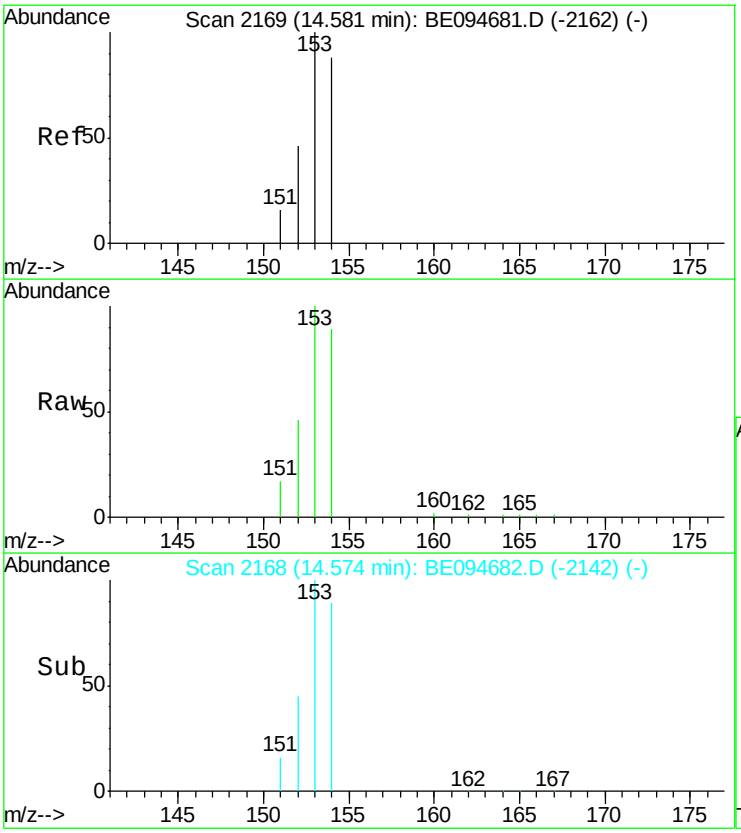
#7
Acenaphthylene
Concen: 0.26 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5791

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.1	25.7
153	15.6	12.8	19.2

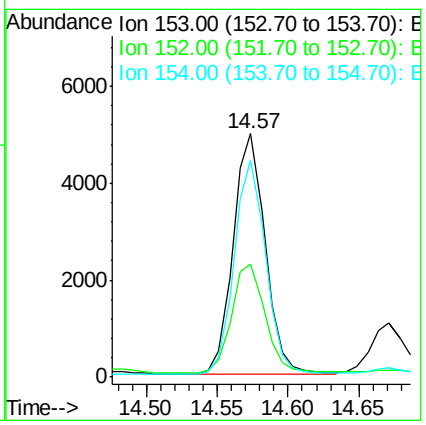


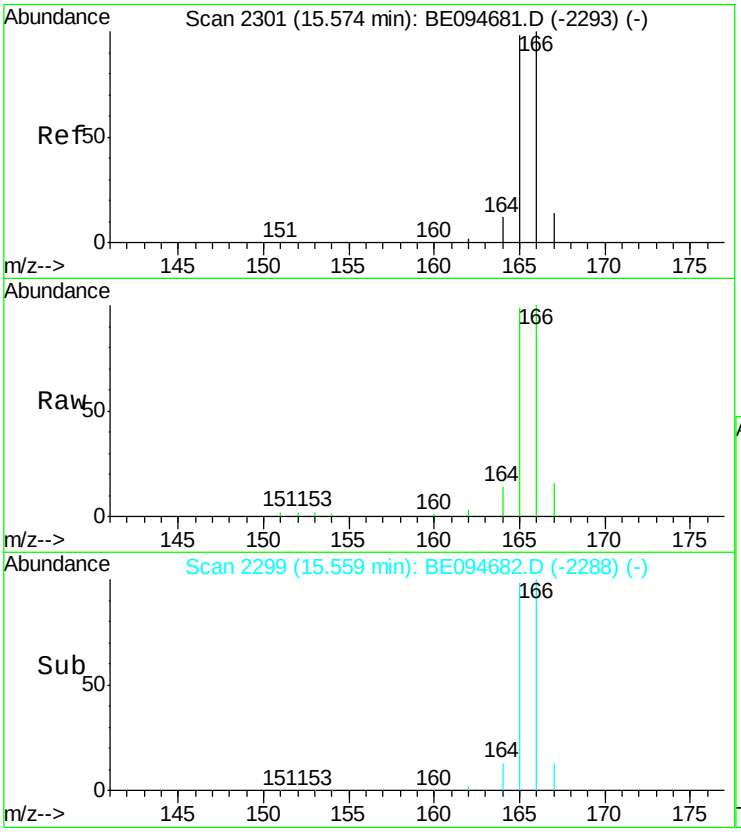


#8
Acenaphthene
Concen: 0.49 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Tgt Ion:153 Resp: 7806

Ion	Ratio	Lower	Upper
153	100		
152	46.3	36.0	54.0
154	89.1	72.0	108.0



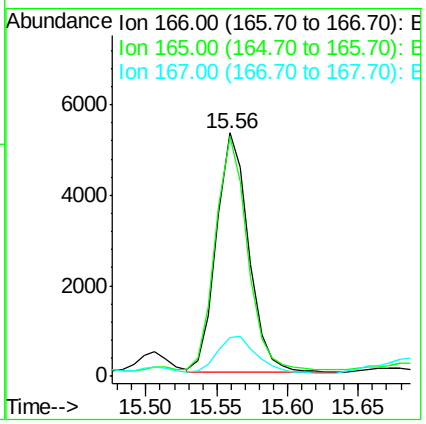


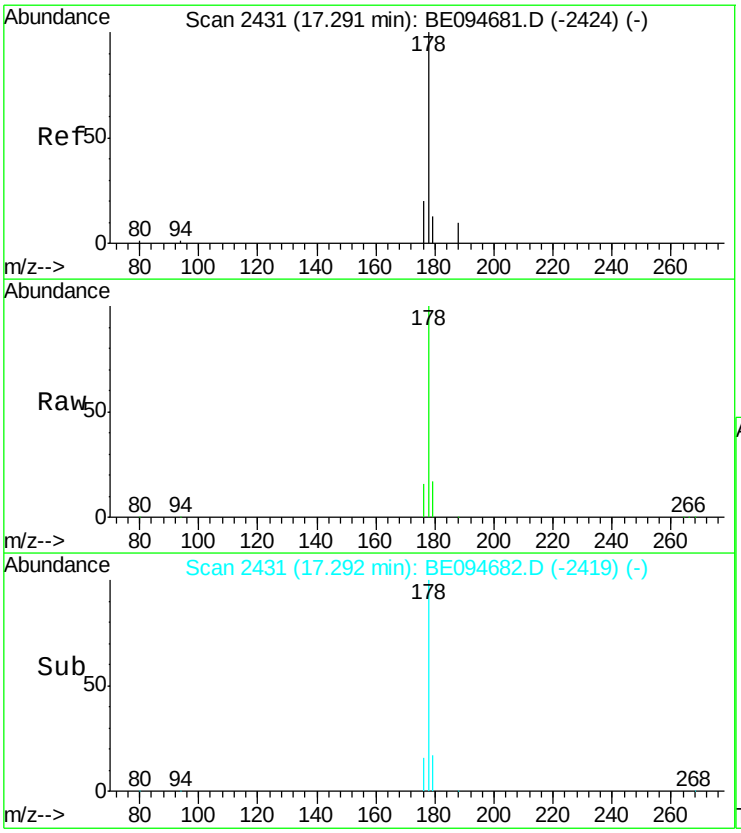
#9
Fluorene
Concen: 0.47 ng/ul
RT: 15.56 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 8335

Ion	Ratio	Lower	Upper
166	100		
165	98.6	73.4	110.2
167	15.8	14.6	22.0

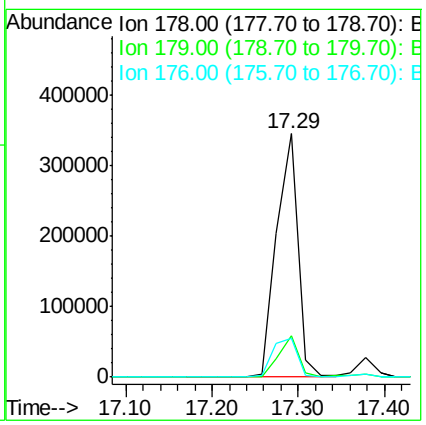


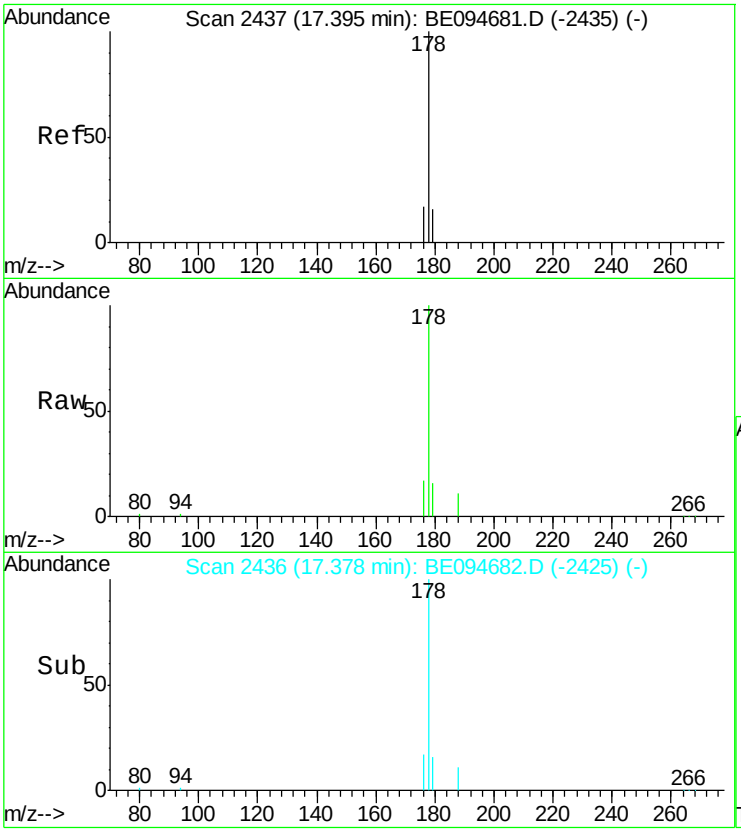


#12
Phenanthrene
Concen: 21.81 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Tgt Ion:178 Resp: 604434

Ion	Ratio	Lower	Upper
178	100		
179	17.1	18.4	27.6#
176	16.2	13.6	20.4



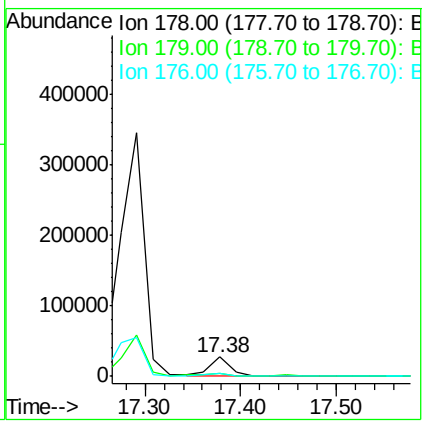


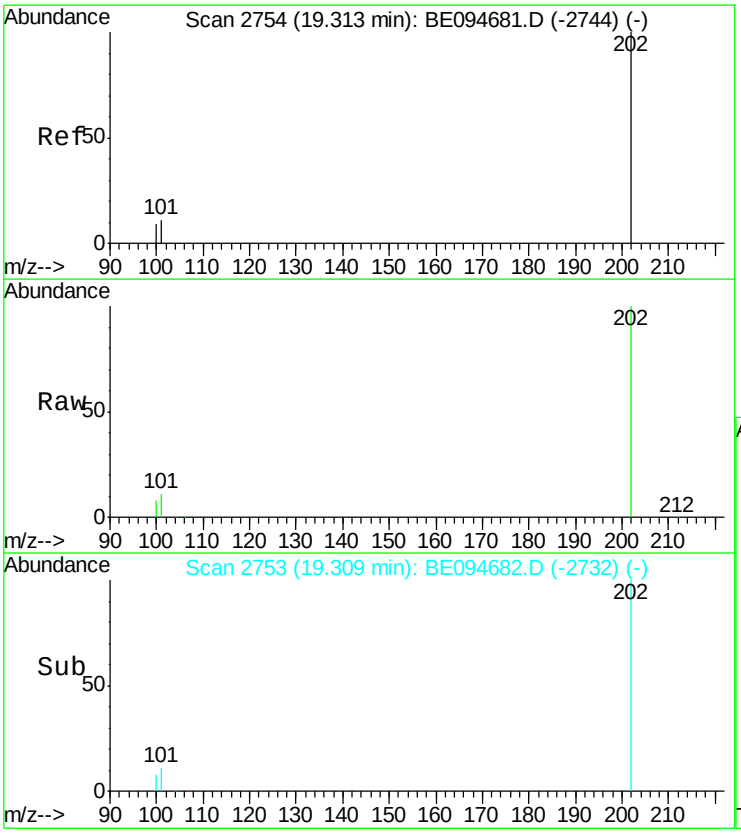
#13
Anthracene
Concen: 1.66 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 45480

Ion	Ratio	Lower	Upper
178	100		
179	16.5	18.1	27.1#
176	17.4	14.7	22.1

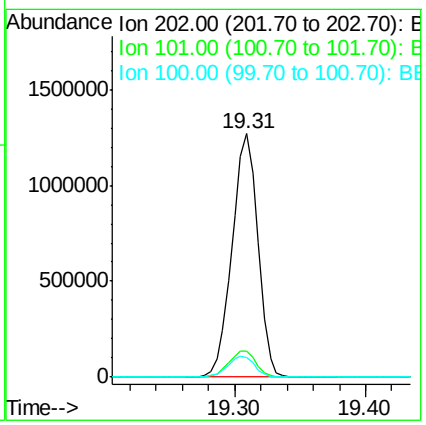


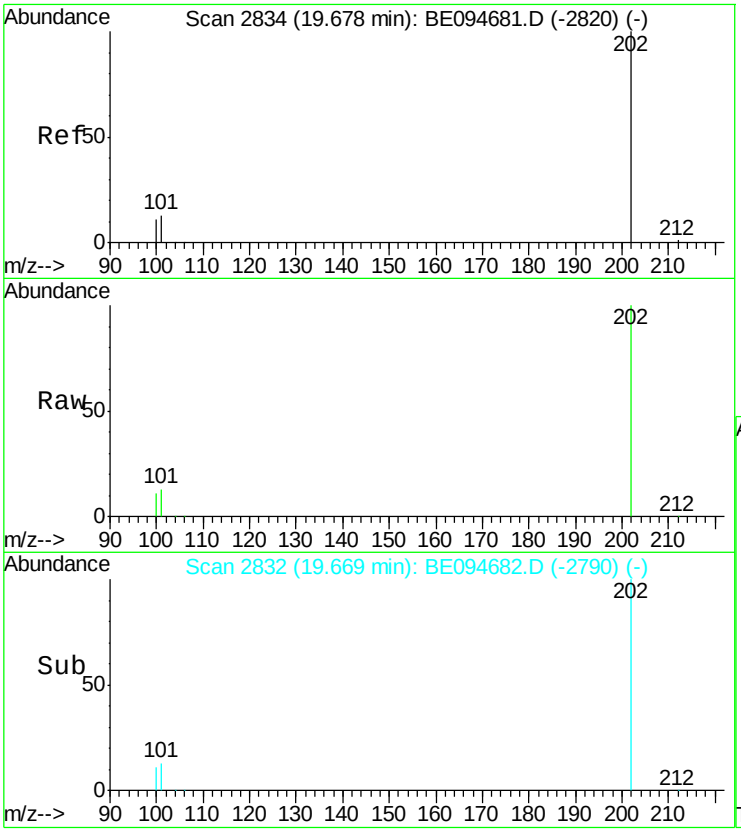


#15
Fluoranthene
Concen: 54.28 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Tgt Ion:202 Resp: 1739191

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
100	8.3	0.0	39.5



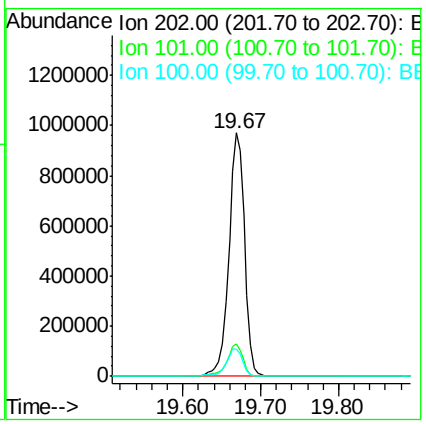


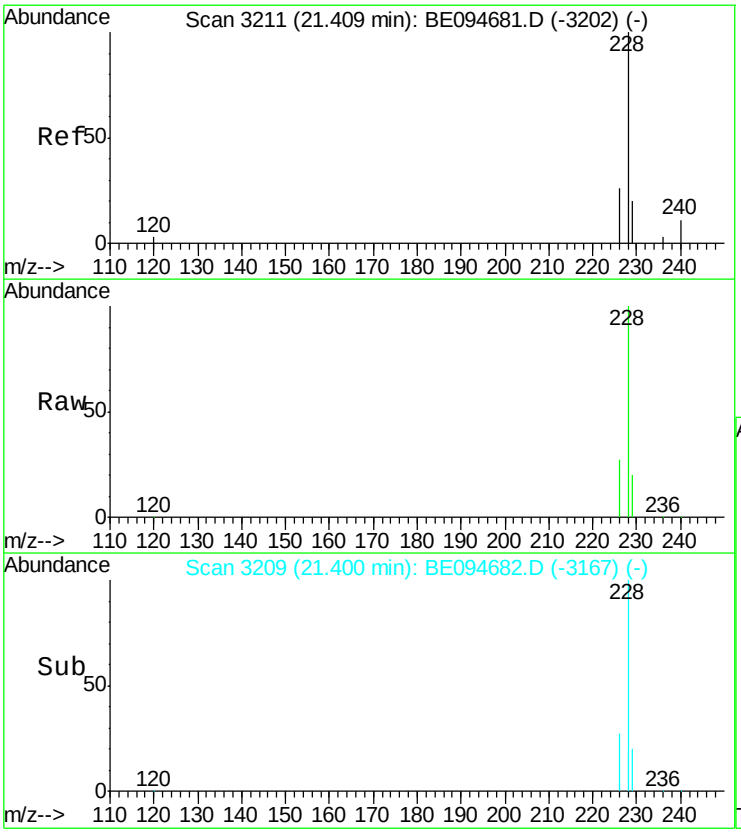
#17
Pyrene
Concen: 42.19 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 1353155

Ion	Ratio	Lower	Upper
202	100		
101	13.2	18.2	27.4#
100	11.2	15.6	23.4#

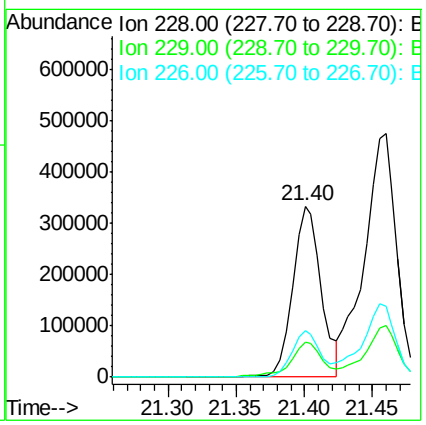


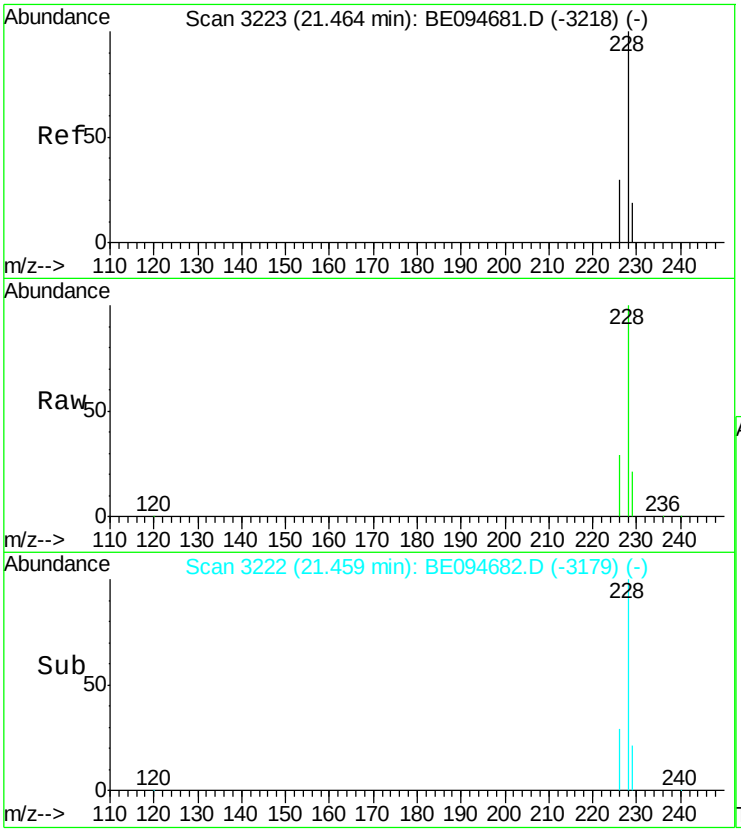


#18
Benzo(a)anthracene
Concen: 16.31 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Tgt Ion:228 Resp: 483674

Ion	Ratio	Lower	Upper
228	100		
229	20.2	22.8	34.2#
226	27.1	17.0	25.6#



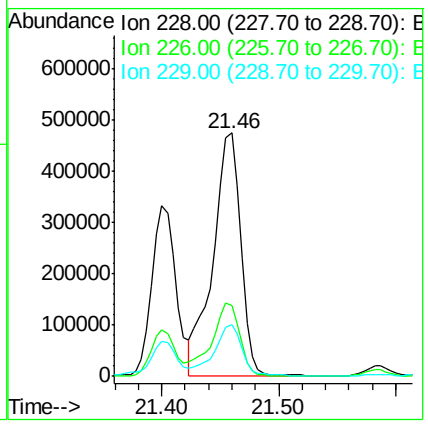


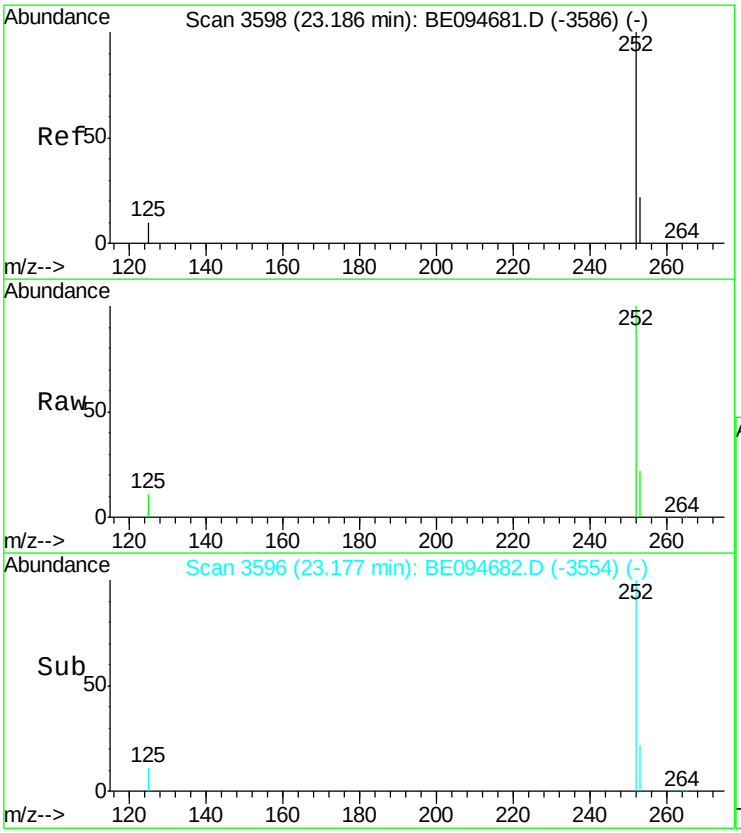
#19
Chrysene
Concen: 25.60 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 784685

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	21.0	17.7	26.5

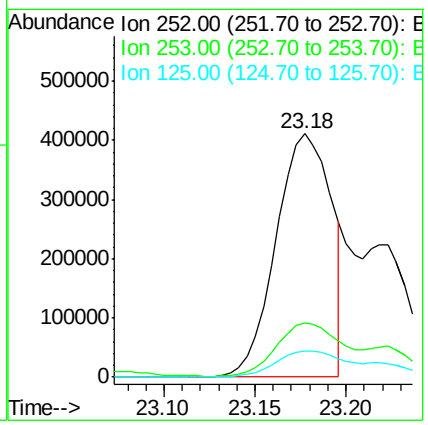


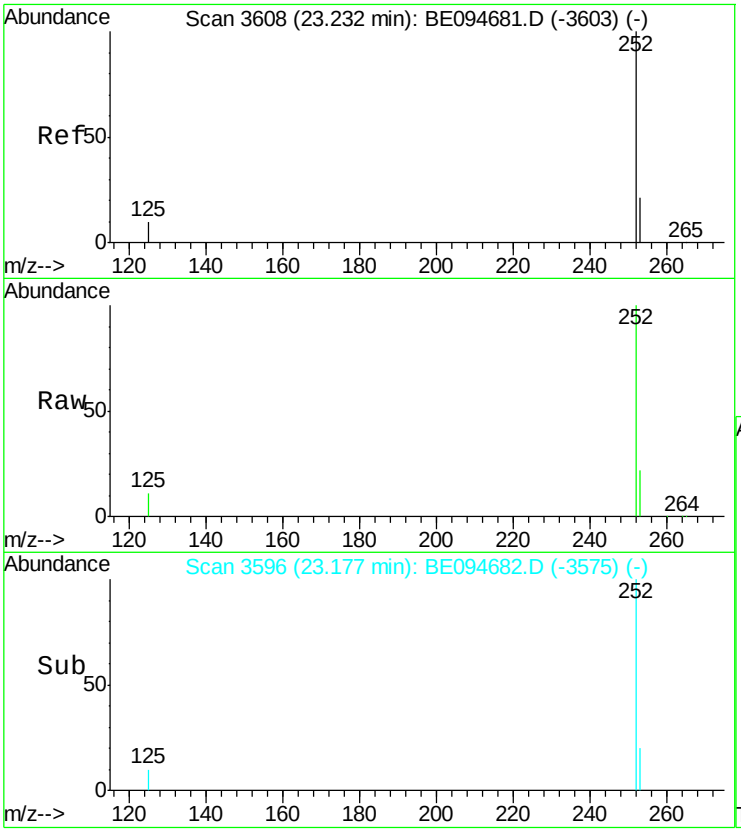


#21
Benzo(b)fluoranthene
Concen: 0.96 ng/ul
RT: 23.18 min Scan# 3596
Delta R.T. -0.01 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Tgt Ion:252 Resp: 867602

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	64.2
125	10.8	0.0	35.0



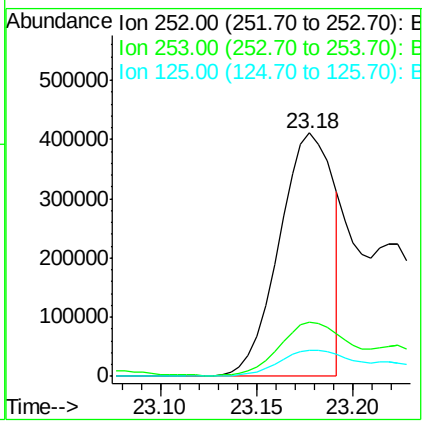


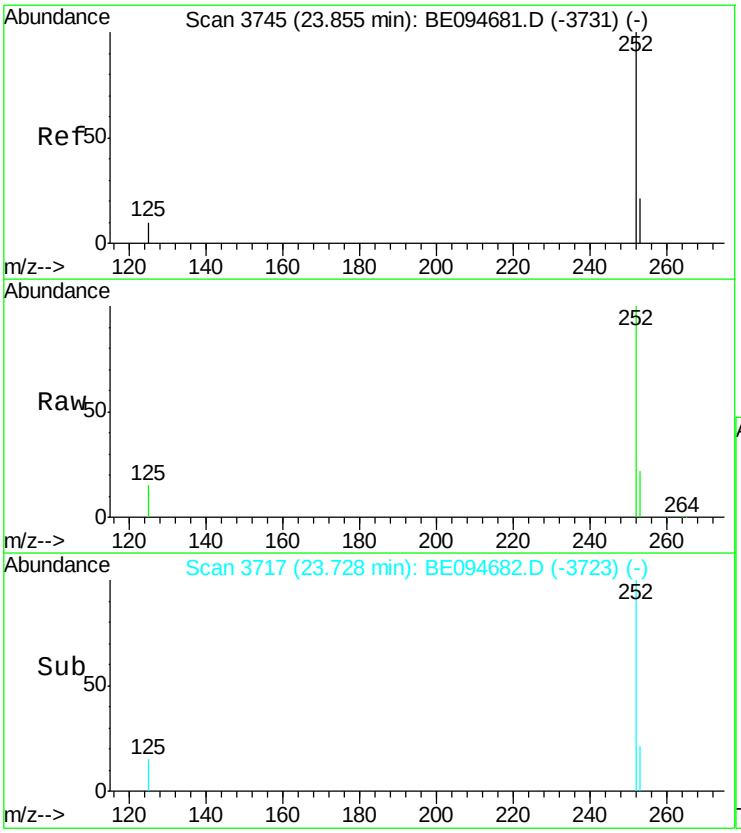
#22
Benzo(k)fluoranthene
Concen: 0.82 ng/ul
RT: 23.18 min Scan# 3596
Delta R.T. -0.05 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 796230

Ion	Ratio	Lower	Upper
252	100		
253	22.5	24.5	36.7#
125	10.8	13.7	20.5#

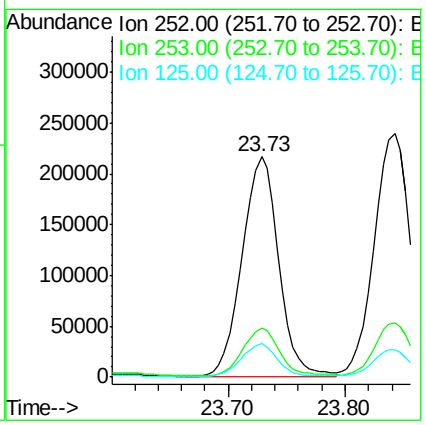


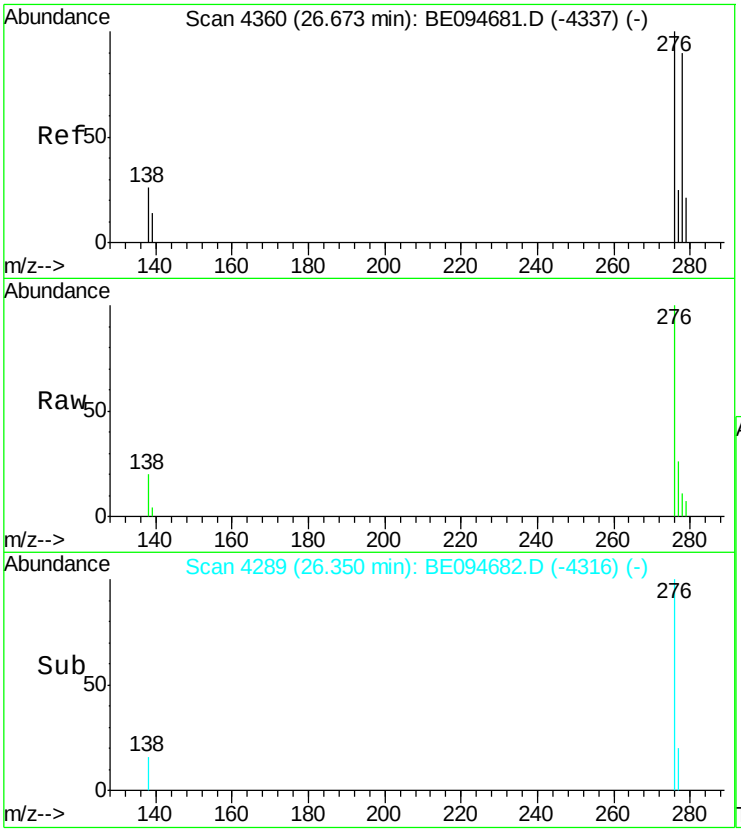


#23
Benzo(a)pyrene
Concen: 0.52 ng/ul
RT: 23.73 min Scan# 3717
Delta R.T. -0.13 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Tgt Ion:252 Resp: 469340

Ion	Ratio	Lower	Upper
252	100		
253	22.0	28.5	42.7#
125	15.0	18.1	27.1#



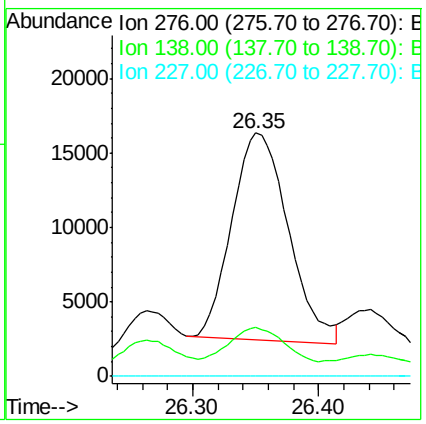


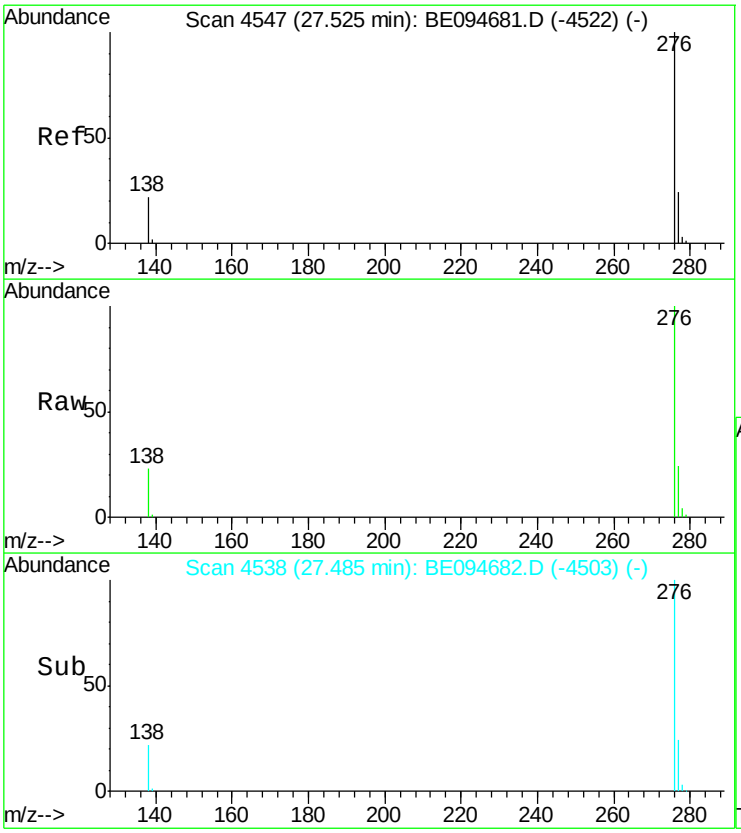
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng/ul
RT: 26.35 min Scan# 4289
Delta R.T. -0.32 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 43731

Ion	Ratio	Lower	Upper
276	100		
138	14.8	28.0	42.0#
227	0.0	8.0	12.0#





#26
Benzo(g,h,i)perylene
Concen: 0.28 ng/ul
RT: 27.48 min Scan# 4538
Delta R.T. -0.04 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Tgt Ion:276 Resp: 207084

Ion	Ratio	Lower	Upper
276	100		
138	22.5	21.8	32.8
277	24.3	20.5	30.7