Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
Data File : BE094585.D
Acq On : 27 Oct 2017 5:00
Operator : SJ/JU
Sample : I5786-01 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : B-38(FILL)_100917

Quant Time: Oct 27 10:16:18 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 Oct 25 18:44:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1547	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9046	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5074	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11008	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10977	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	11960	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	738	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1625	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	22487	1.017	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	7881	0.509	ng/ul	98
7) Acenaphthylene	14.24	152	47137	2.054	ng/ul	96
8) Acenaphthene	14.57	153	27490	1.667	ng/ul	95
9) Fluorene	15.57	166	36591	1.976	ng/ul	95
12) Phenanthrene	17.29	178	697848	24.001	ng/ul#	88
13) Anthracene	17.38	178	173138	6.034	ng/ul#	89
15) Fluoranthene	19.32	202	1430764	42.563	ng/ul	84
17) Pyrene	19.68	202	1276411	37.614	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	775650	24.718	ng/ul#	87
19) Chrysene	21.47	228	695802	21.452	ng/ul	99
21) Benzo(b)fluoranthene	23.19	252	930321m	27.653	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	341217m	9.464	ng/ul	
23) Benzo(a)pyrene	23.86	252	659131	19.600	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.67	276	434378	12.483	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.66	278	112533	3.838	ng/ul	96
26) Benzo(g,h,i)perylene	27.51	276	320216	11.460	ng/ul	96

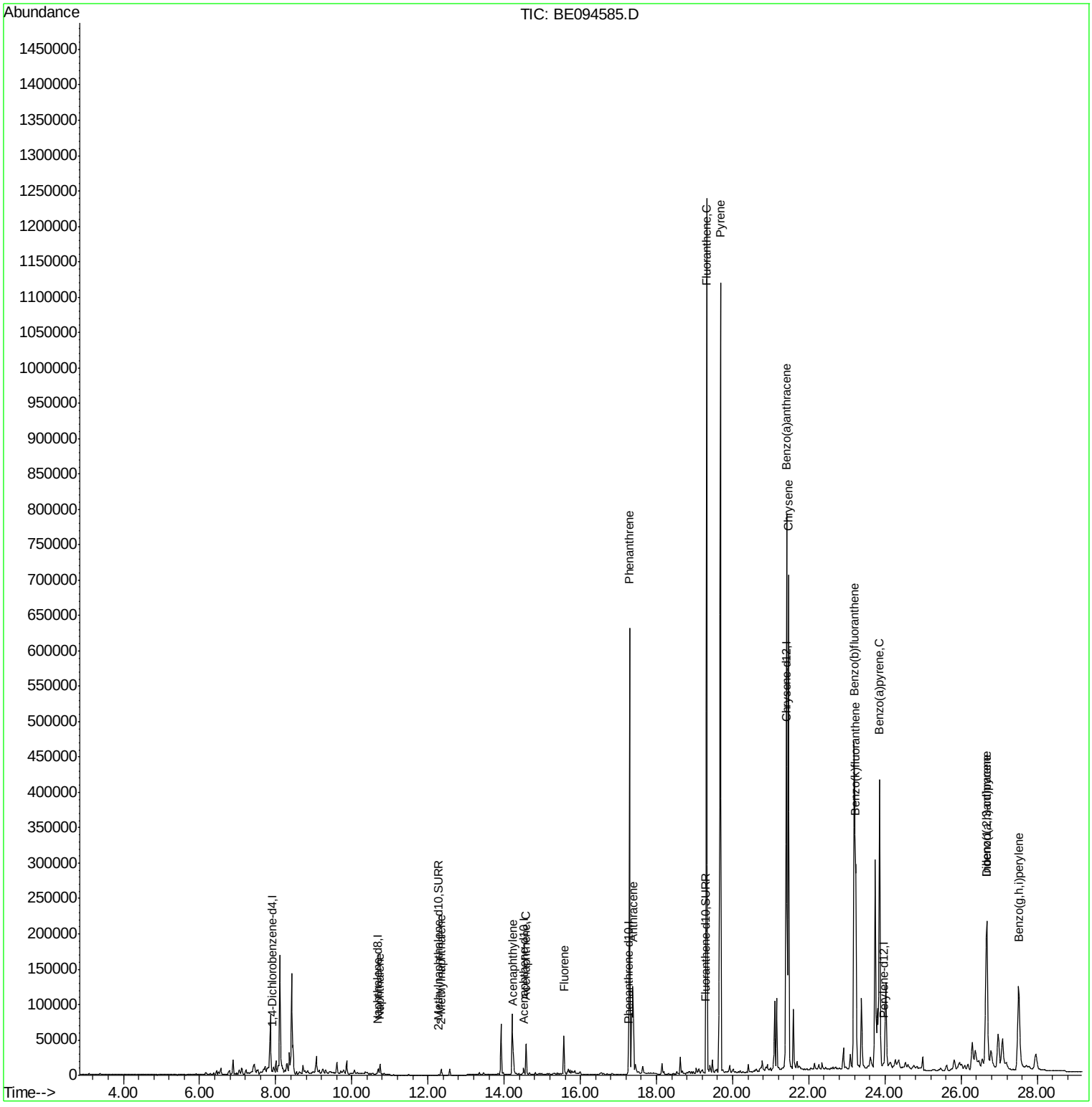
(#) = qualifier out of range (m) = manual integration (+) = signals summed

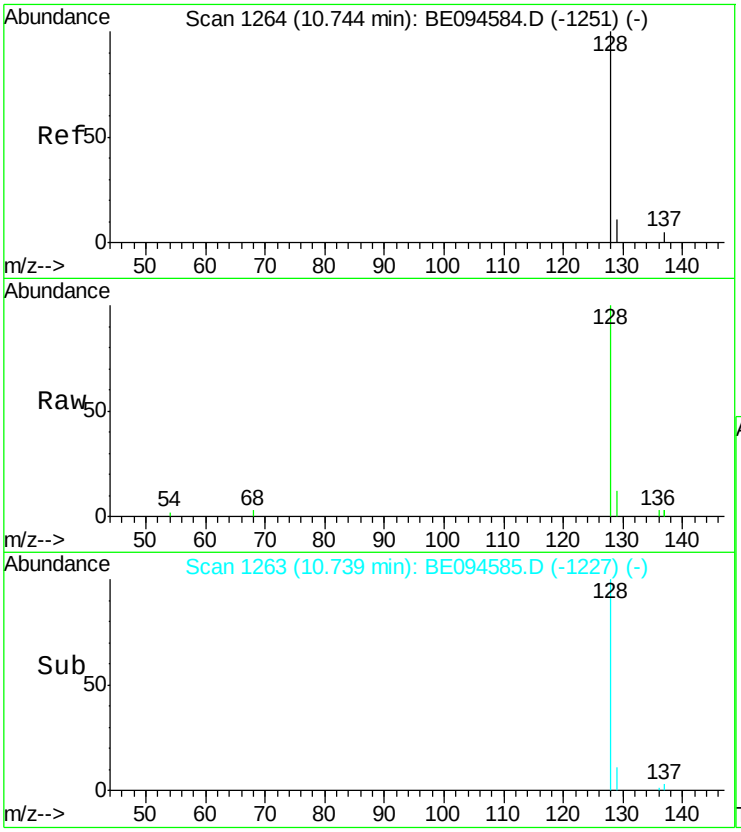
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
Data File : BE094585.D
Acq On : 27 Oct 2017 5:00
Operator : SJ/JU
Sample : I5786-01 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-38(FILL)_100917

Quant Time: Oct 27 10:16:18 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 Oct 25 18:44:03 2017
Response via : Initial Calibration



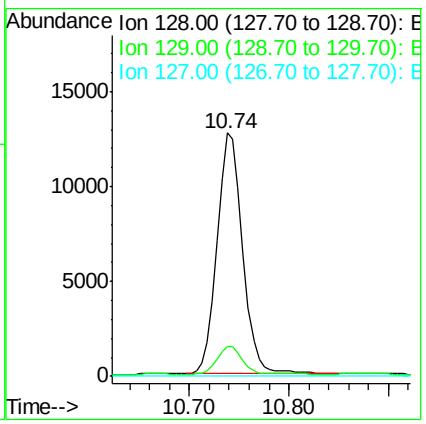


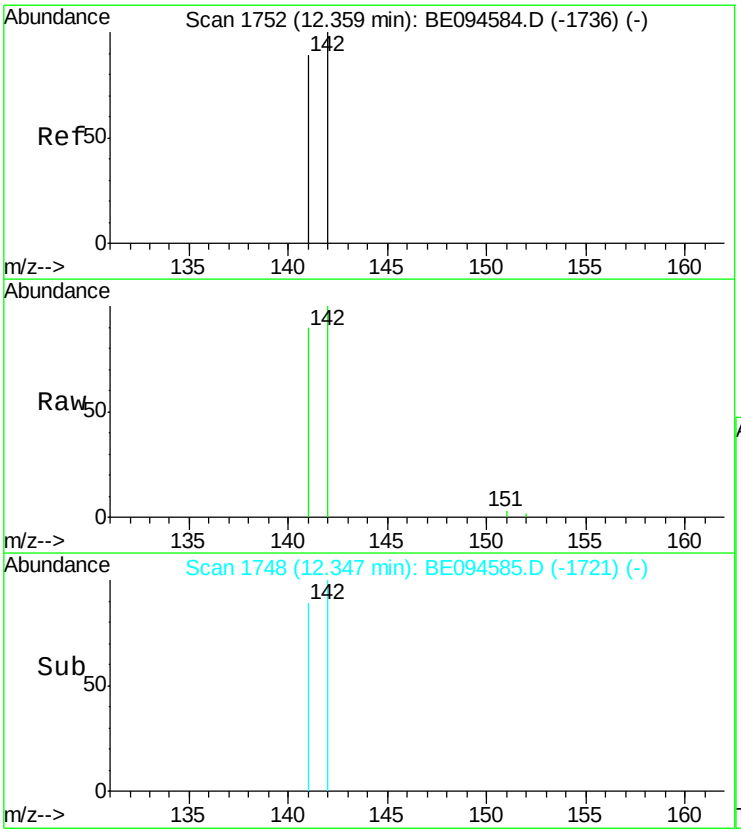
#3
Naphthalene
Concen: 1.017 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Instrument :
BNA_E
ClientSampleId :
B-38(FILL)_100917

Tgt Ion:128 Resp: 22487

Ion	Ratio	Lower	Upper
128	100		
129	12.3	11.3	16.9
127	0.0	4.0	6.0#

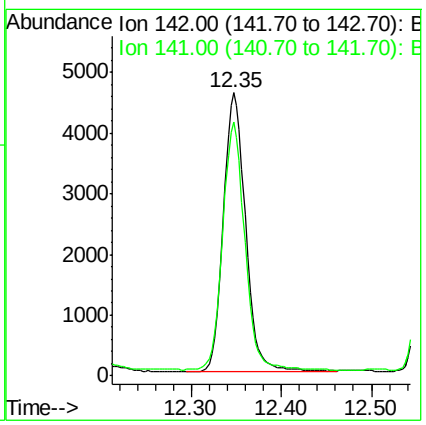


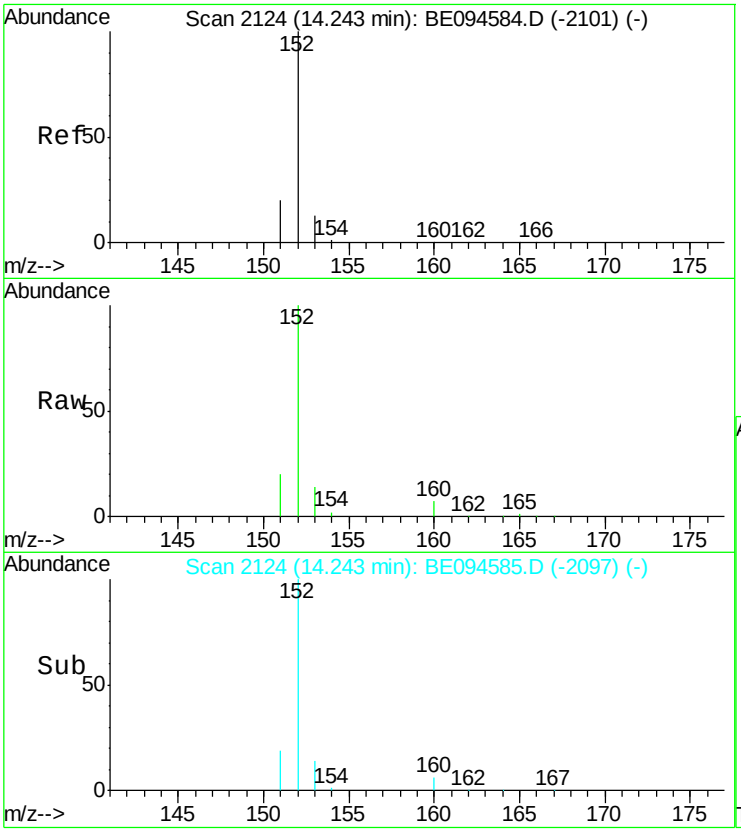


#5
2-Methylnaphthalene
Concen: 0.509 ng/ul
RT: 12.35 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Tgt Ion:142 Resp: 7881

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.6	108.8



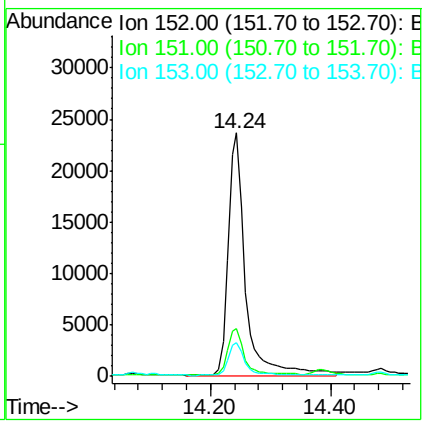


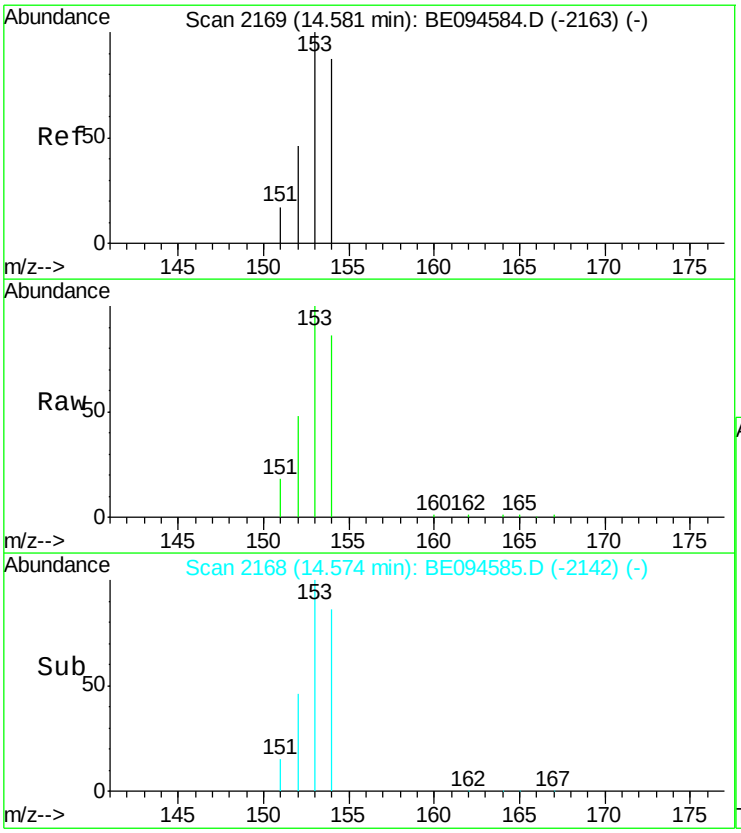
#7
Acenaphthylene
Concen: 2.054 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Instrument :
BNA_E
ClientSampleId :
B-38(FILL)_100917

Tgt Ion:152 Resp: 47137

Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.1	25.7
153	14.1	12.8	19.2

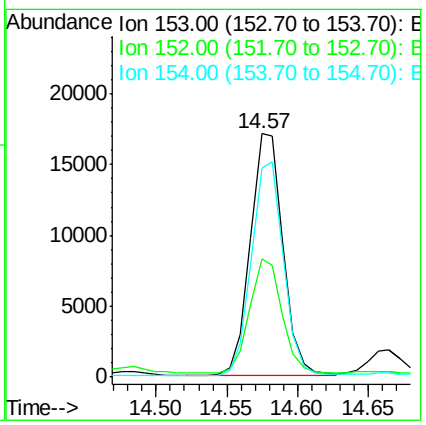


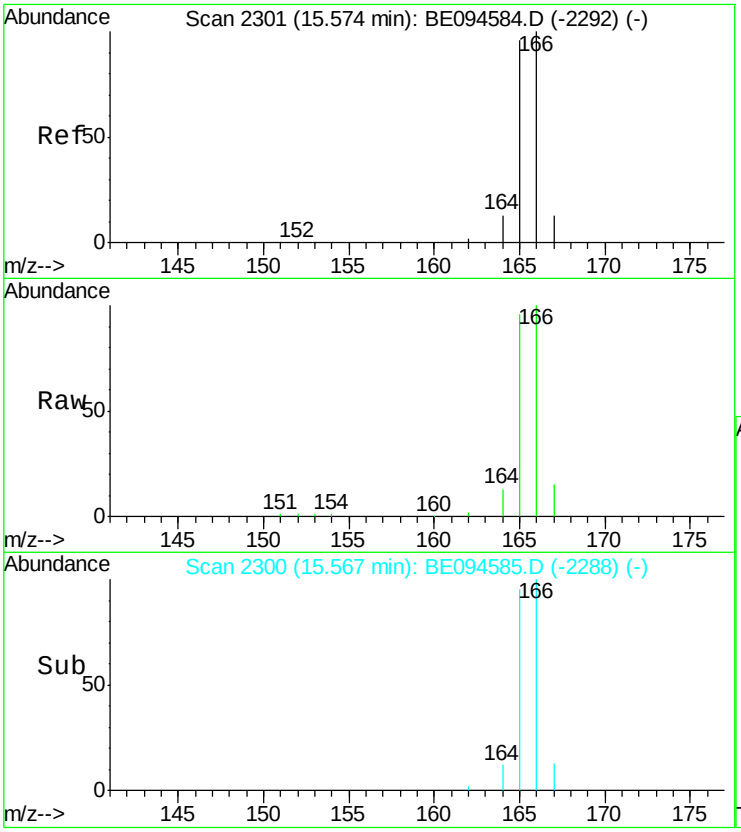


#8
Acenaphthene
Concen: 1.667 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Tgt Ion:153 Resp: 27490

Ion	Ratio	Lower	Upper
153	100		
152	48.3	36.0	54.0
154	85.8	72.0	108.0



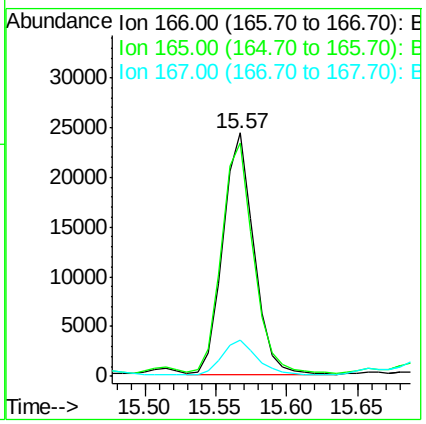


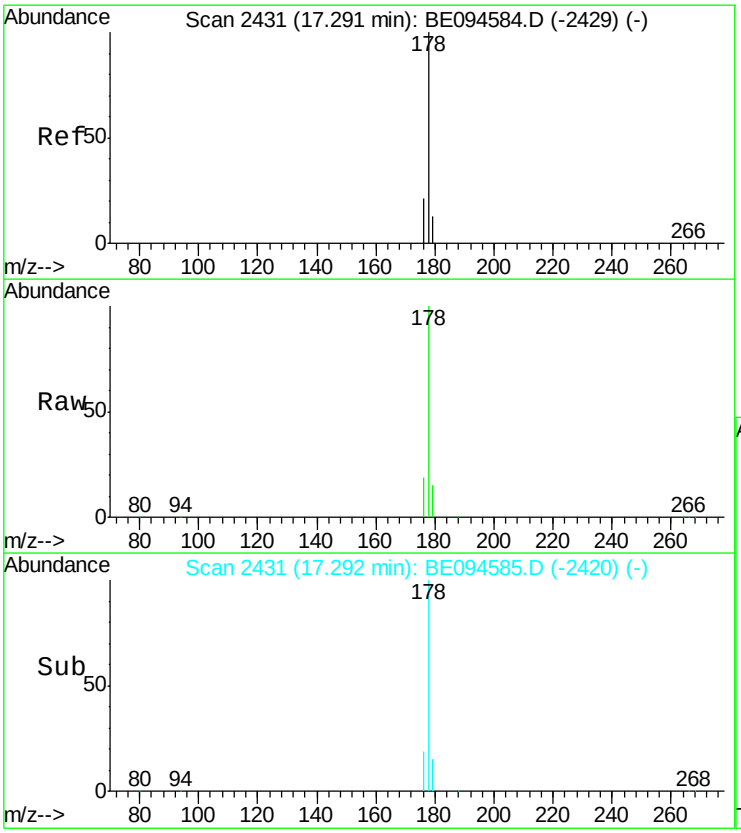
#9
Fluorene
Concen: 1.976 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Instrument :
BNA_E
ClientSampleId :
B-38(FILL)_100917

Tgt Ion:166 Resp: 36591

Ion	Ratio	Lower	Upper
166	100		
165	95.9	73.4	110.2
167	15.0	14.6	22.0

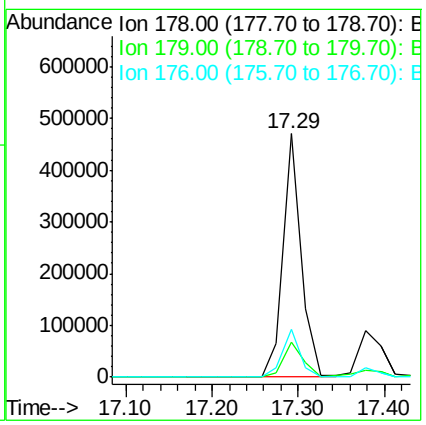


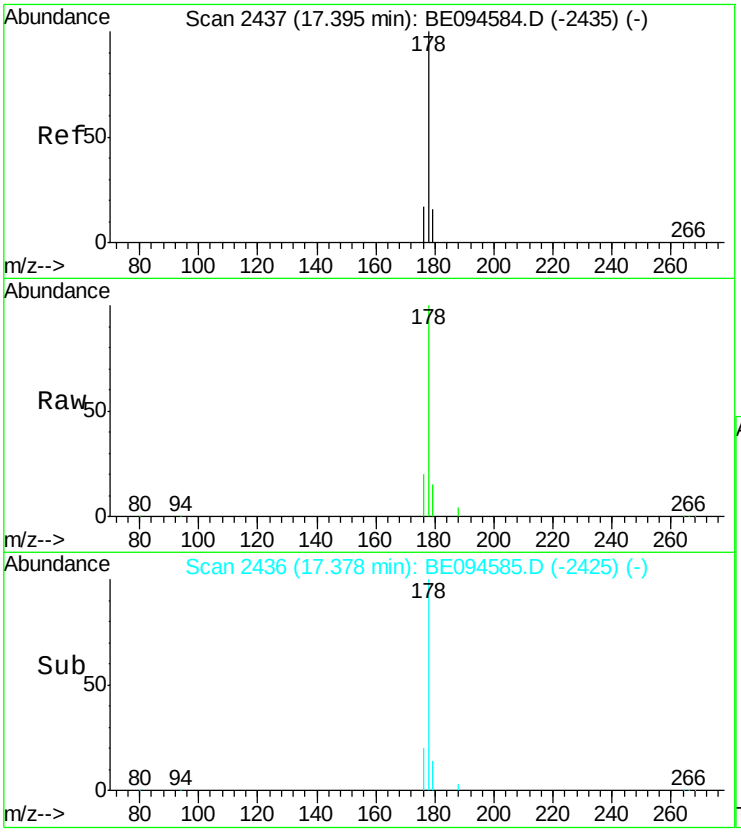


#12
Phenanthrene
Concen: 24.001 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Tgt Ion:178 Resp: 697848

Ion	Ratio	Lower	Upper
178	100		
179	14.6	18.4	27.6#
176	19.5	13.6	20.4



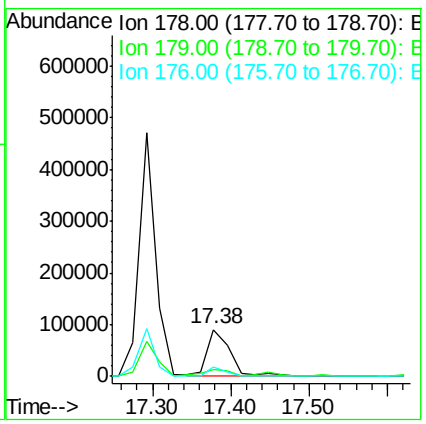


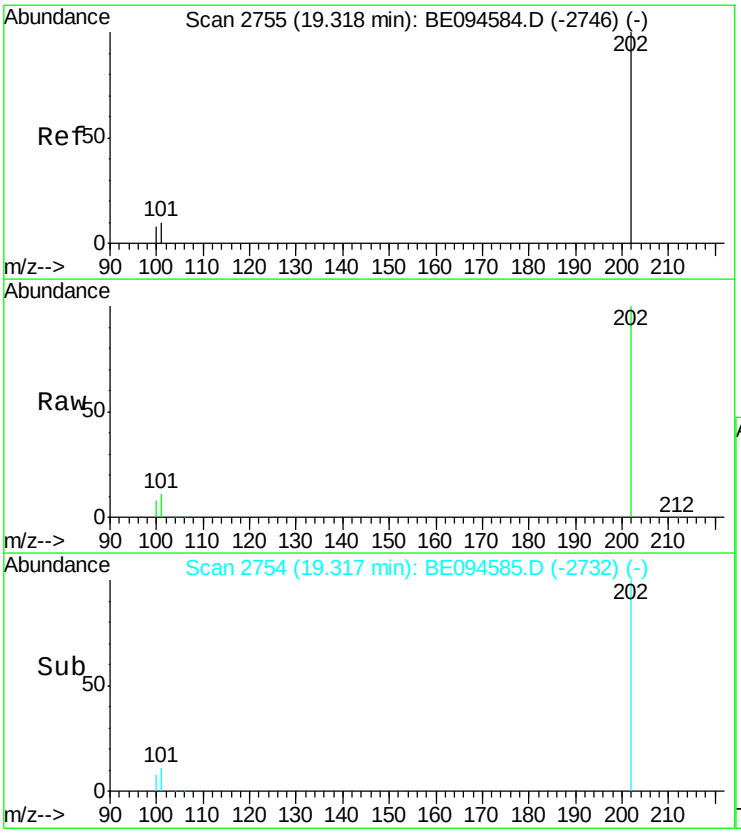
#13
Anthracene
Concen: 6.034 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Instrument :
BNA_E
ClientSampleId :
B-38(FILL)_100917

Tgt Ion:178 Resp: 173138

Ion	Ratio	Lower	Upper
178	100		
179	14.6	18.1	27.1#
176	20.3	14.7	22.1

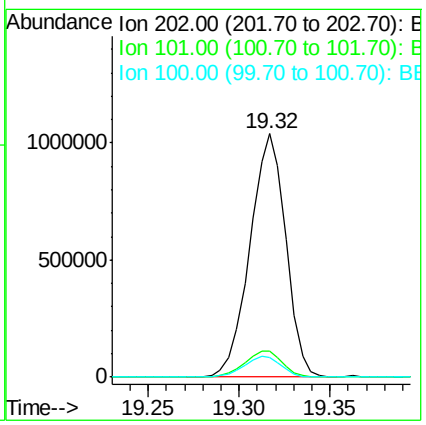


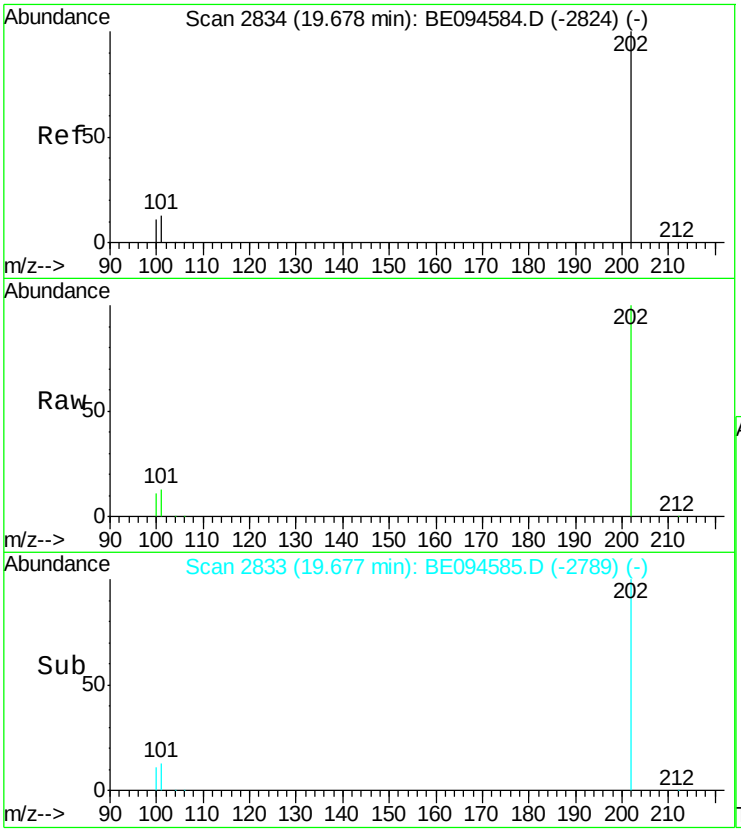


#15
Fluoranthene
Concen: 42.563 ng/ul
RT: 19.32 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Tgt Ion:202 Resp: 1430764

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
100	8.3	0.0	39.5



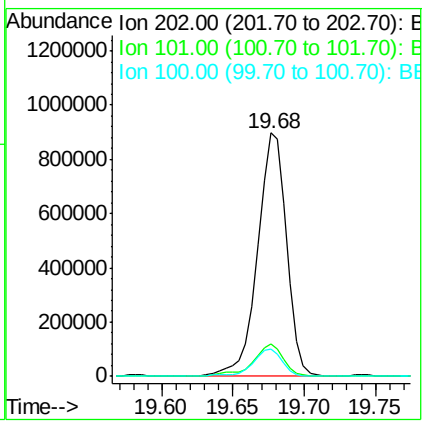


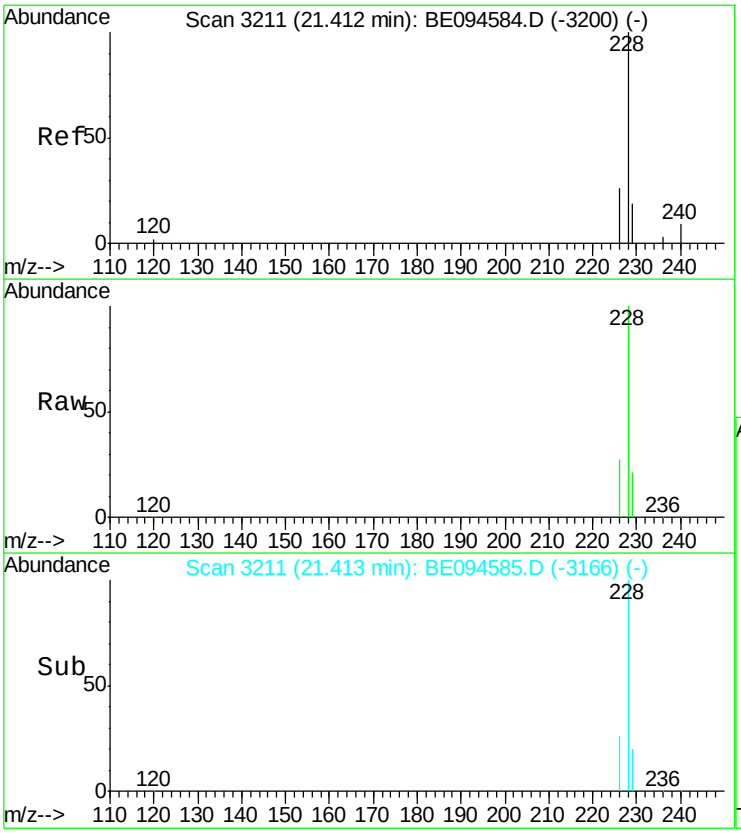
#17
Pyrene
Concen: 37.614 ng/ul
RT: 19.68 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Instrument :
BNA_E
ClientSampleId :
B-38(FILL)_100917

Tgt Ion:202 Resp: 1276411

Ion	Ratio	Lower	Upper
202	100		
101	13.2	18.2	27.4#
100	11.3	15.6	23.4#

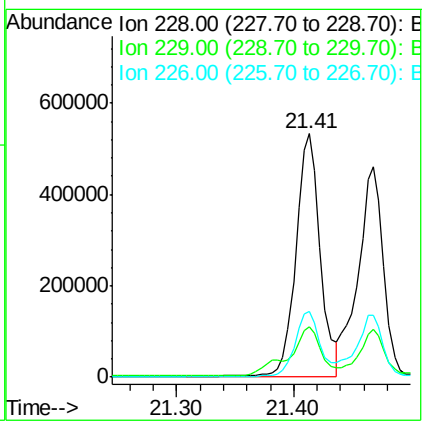


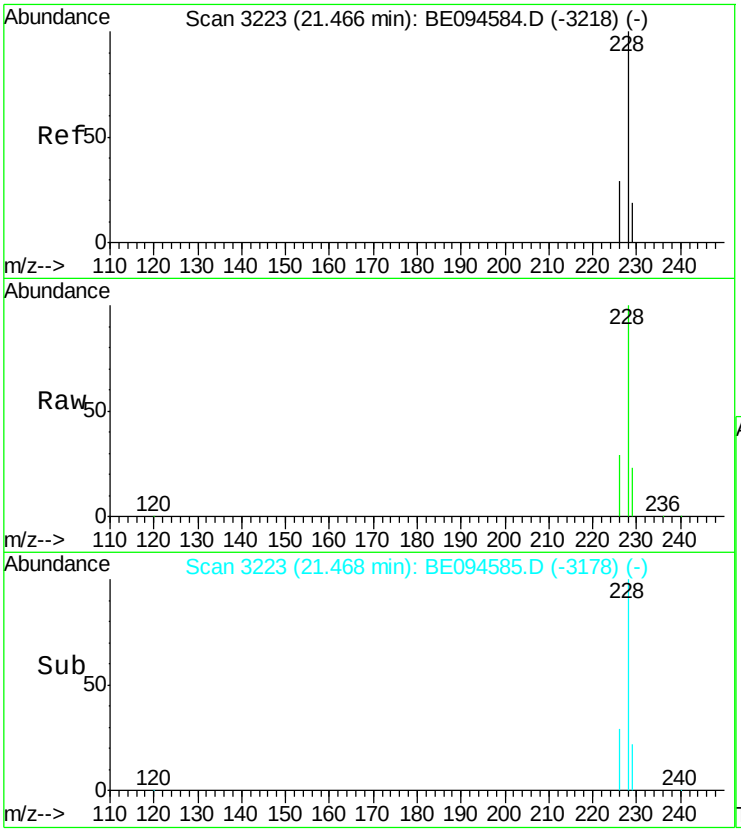


#18
Benzo(a)anthracene
Concen: 24.718 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Tgt Ion:228 Resp: 775650

Ion	Ratio	Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	26.8	17.0	25.6#



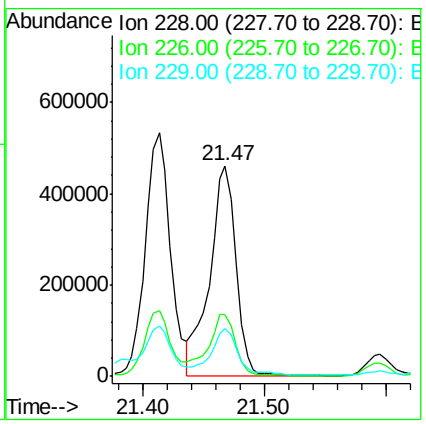


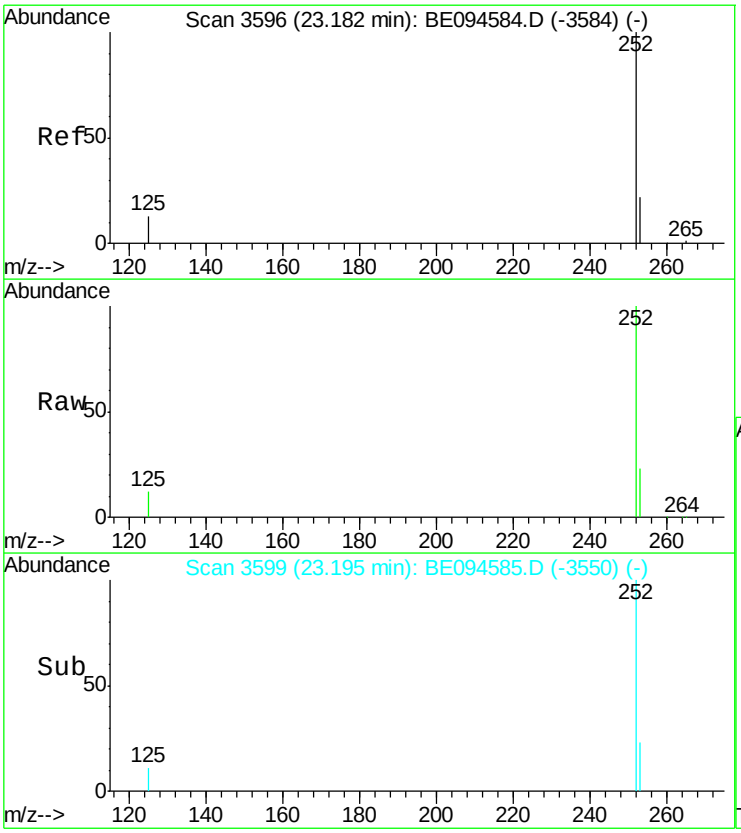
#19
Chrysene
Concen: 21.452 ng/ul
RT: 21.47 min Scan# 3223
Delta R.T. 0.00 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Instrument :
BNA_E
ClientSampleId :
B-38(FILL)_100917

Tgt Ion:228 Resp: 695802

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	22.8	17.7	26.5

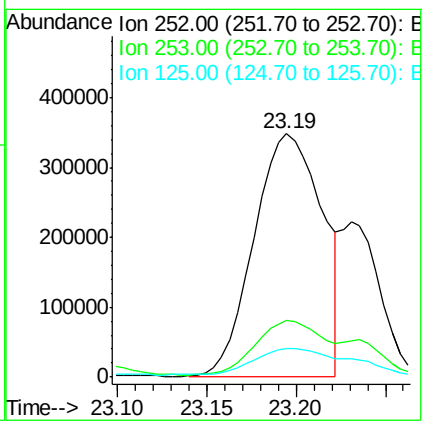


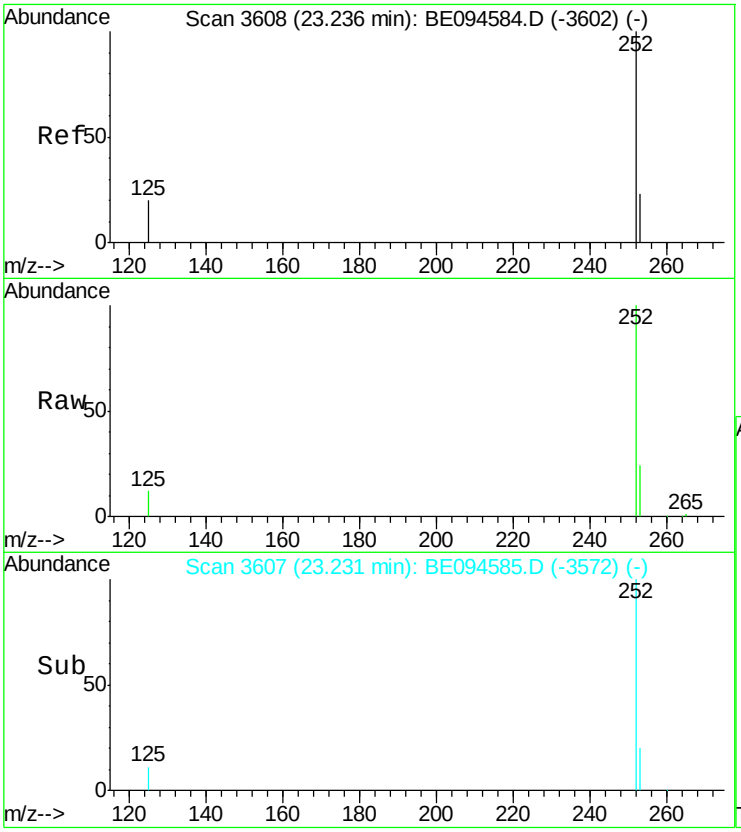


#21
Benzo(b)fluoranthene
Concen: 27.653 ng/ul m
RT: 23.19 min Scan# 3599
Delta R.T. 0.02 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Tgt Ion:252 Resp: 930321

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	64.2
125	11.6	0.0	35.0



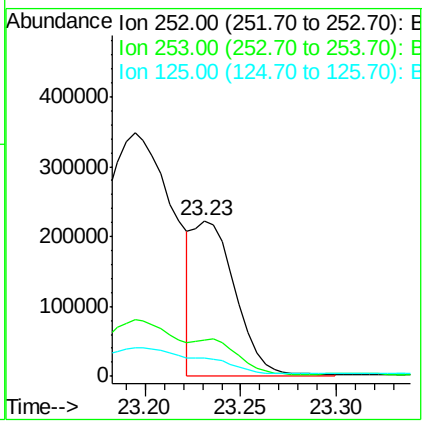


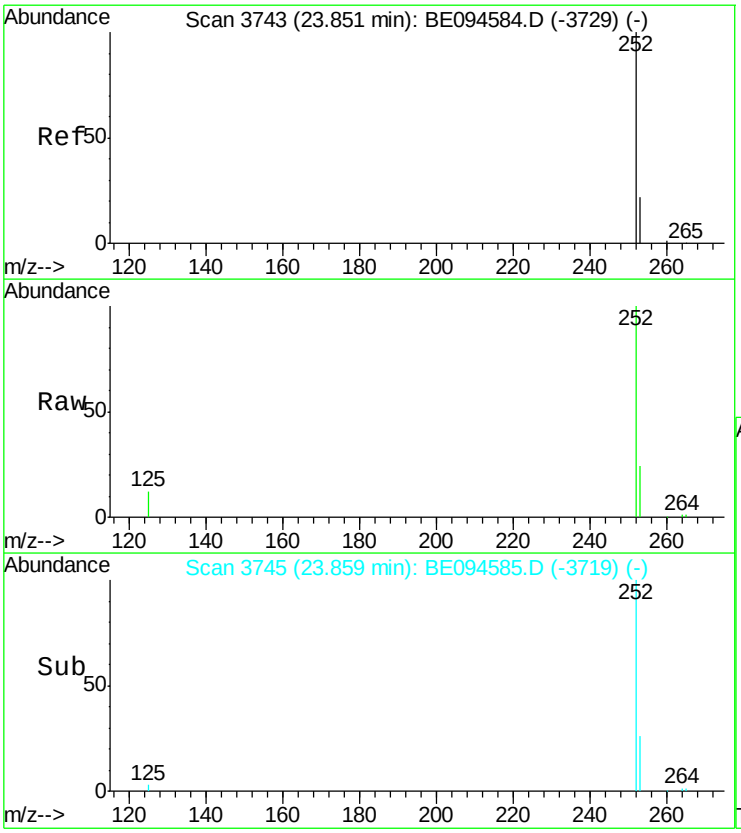
#22
Benzo(k)fluoranthene
Concen: 9.464 ng/ul m
RT: 23.23 min Scan# 3607
Delta R.T. 0.01 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Instrument :
BNA_E
ClientSampleId :
B-38(FILL)_100917

Tgt Ion:252 Resp: 341217

Ion	Ratio	Lower	Upper
252	100		
253	23.6	24.5	36.7#
125	11.9	13.7	20.5#

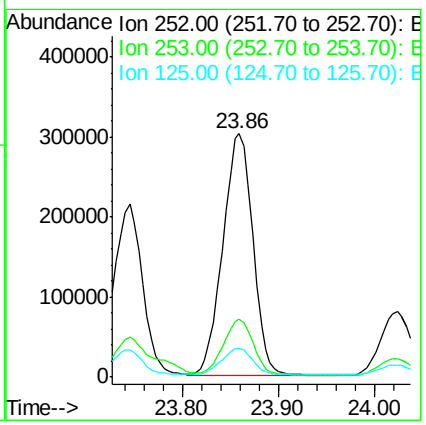


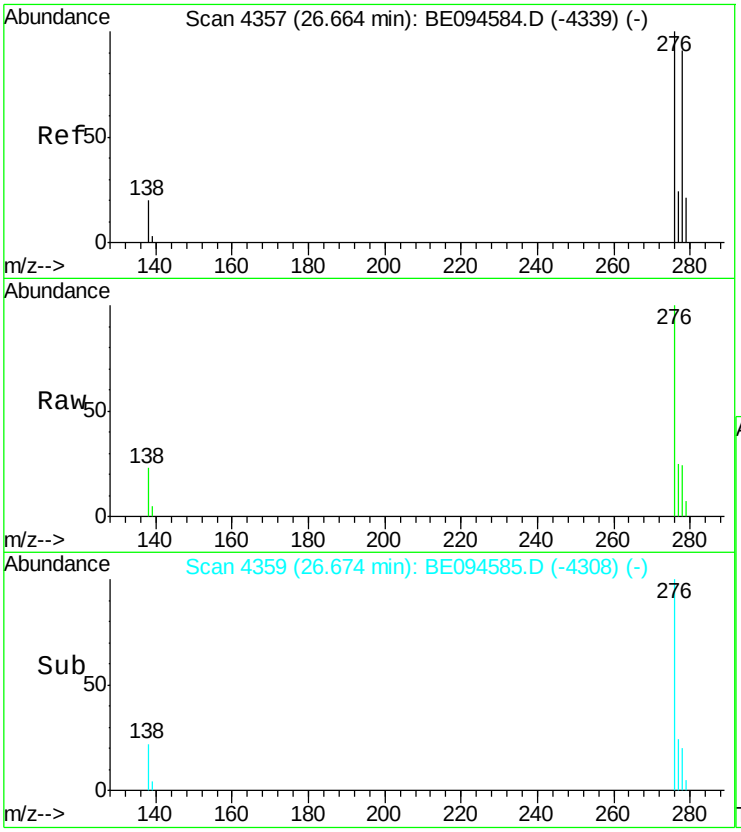


#23
Benzo(a)pyrene
Concen: 19.600 ng/ul
RT: 23.86 min Scan# 3745
Delta R.T. 0.02 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Tgt Ion:252 Resp: 659131

Ion	Ratio	Lower	Upper
252	100		
253	23.8	28.5	42.7#
125	11.9	18.1	27.1#



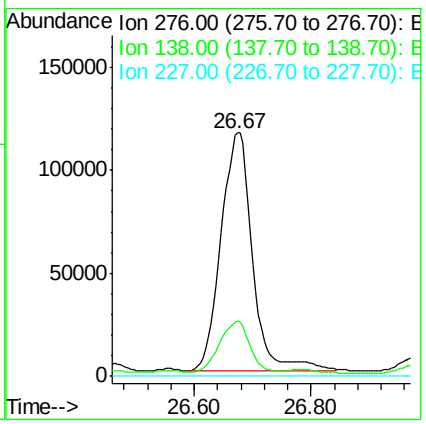


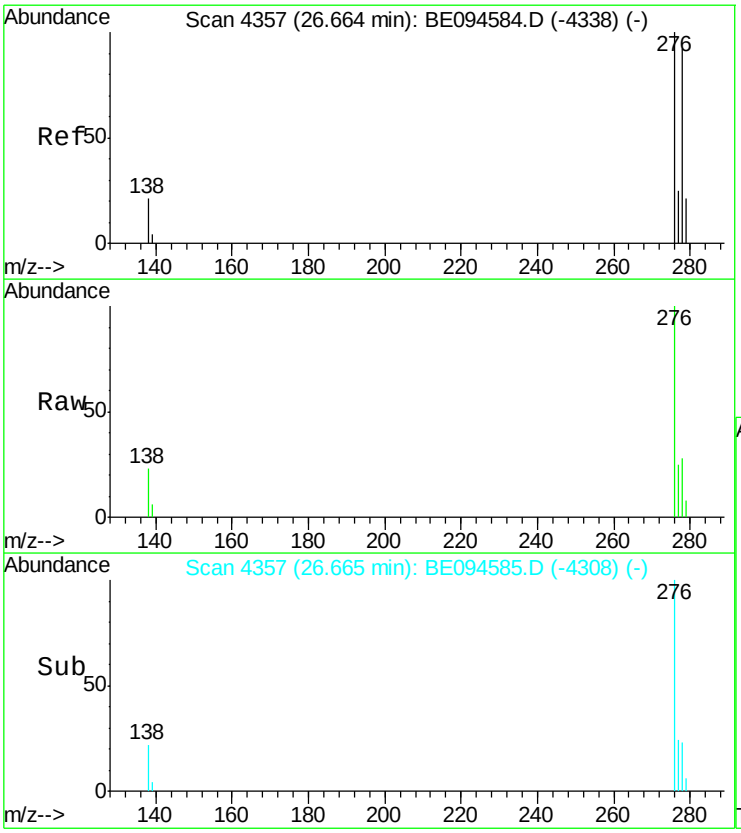
#24
Indeno(1,2,3-cd)pyrene
Concen: 12.483 ng/ul
RT: 26.67 min Scan# 4359
Delta R.T. 0.03 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Instrument :
BNA_E
ClientSampleId :
B-38(FILL)_100917

Tgt Ion:276 Resp: 434378

Ion	Ratio	Lower	Upper
276	100		
138	20.7	28.0	42.0#
227	0.0	8.0	12.0#

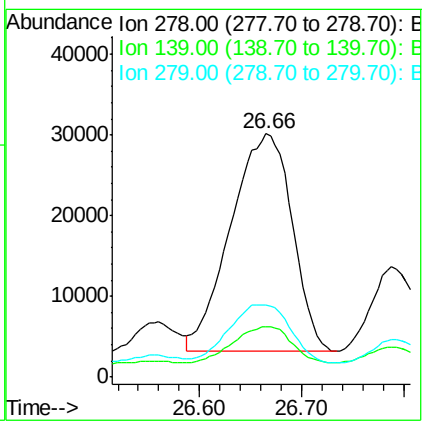


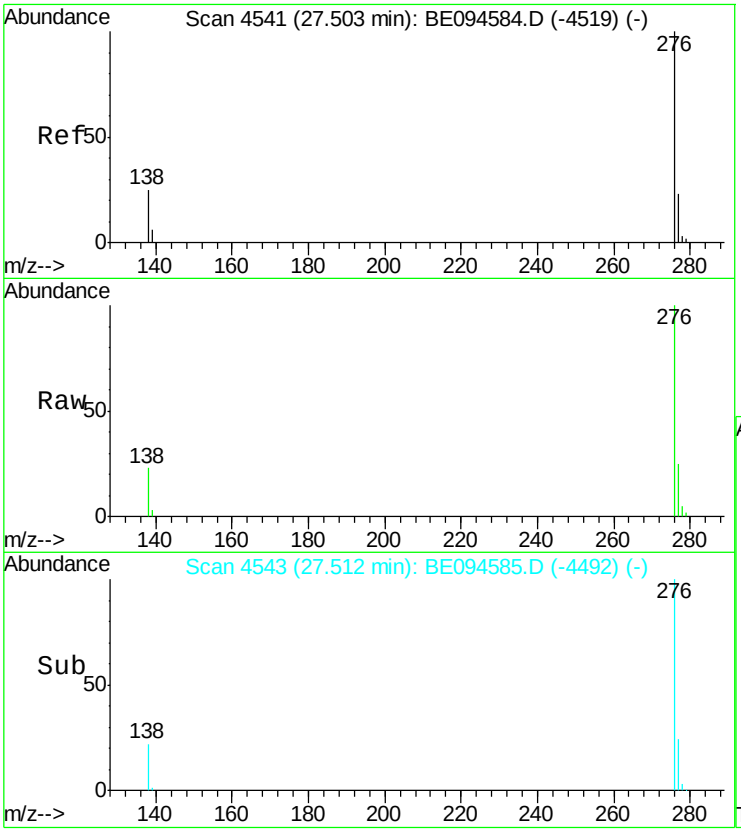


#25
Dibenzo(a,h)anthracene
Concen: 3.838 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. 0.02 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Tgt Ion:278 Resp: 112533

Ion	Ratio	Lower	Upper
278	100		
139	20.5	17.4	26.0
279	29.7	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 11.460 ng/ul
RT: 27.51 min Scan# 4543
Delta R.T. 0.03 min
Lab File: BE094585.D
Acq: 27 Oct 2017 5:00

Instrument :
BNA_E
ClientSampleId :
B-38(FILL)_100917

Tgt Ion:276 Resp: 320216

Ion	Ratio	Lower	Upper
276	100		
138	23.2	21.8	32.8
277	25.4	20.5	30.7