Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094263.D
Acq On : 10 Oct 2017 22:32
Operator : SJ/JU
Sample : I5522-21DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 11 07:33:47 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 07:23:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1965	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10164	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5701	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	12192	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	12834	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	13289	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1268	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2990	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	2665	0.107	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	1826	0.113	ng/ul	99
7) Acenaphthylene	14.24	152	1385	0.062	ng/ul#	88
8) Acenaphthene	14.57	153	3979	0.217	ng/ul	98
9) Fluorene	15.56	166	7224	0.337	ng/ul	93
12) Phenanthrene	17.29	178	152921	4.800	ng/ul#	93
13) Anthracene	17.38	178	32911	1.062	ng/ul#	92
15) Fluoranthene	19.30	202	185251	4.425	ng/ul	84
17) Pyrene	19.66	202	147707	4.136	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	83323	2.447	ng/ul#	87
19) Chrysene	21.44	228	75305	1.915	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	107448	2.976	ng/ul	86
22) Benzo(k)fluoranthene	23.14	252	107421	2.574	ng/ul#	88
23) Benzo(a)pyrene	23.80	252	54047	1.441	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.56	276	31266	0.815	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	9143	0.284	ng/ul#	94
26) Benzo(g,h,i)perylene	27.39	276	23043	0.696	ng/ul	99

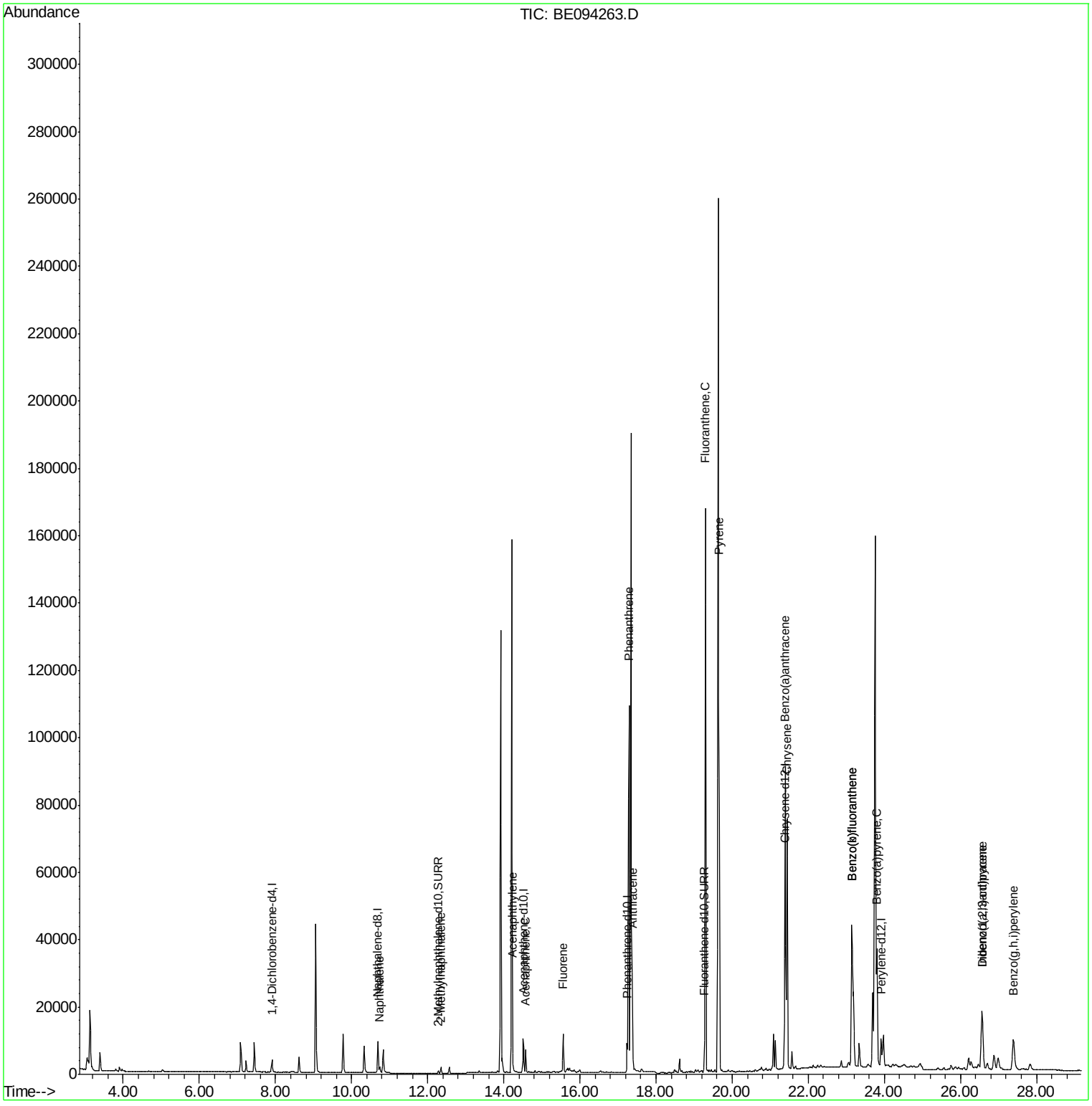
(#) = qualifier out of range (m) = manual integration (+) = signals summed

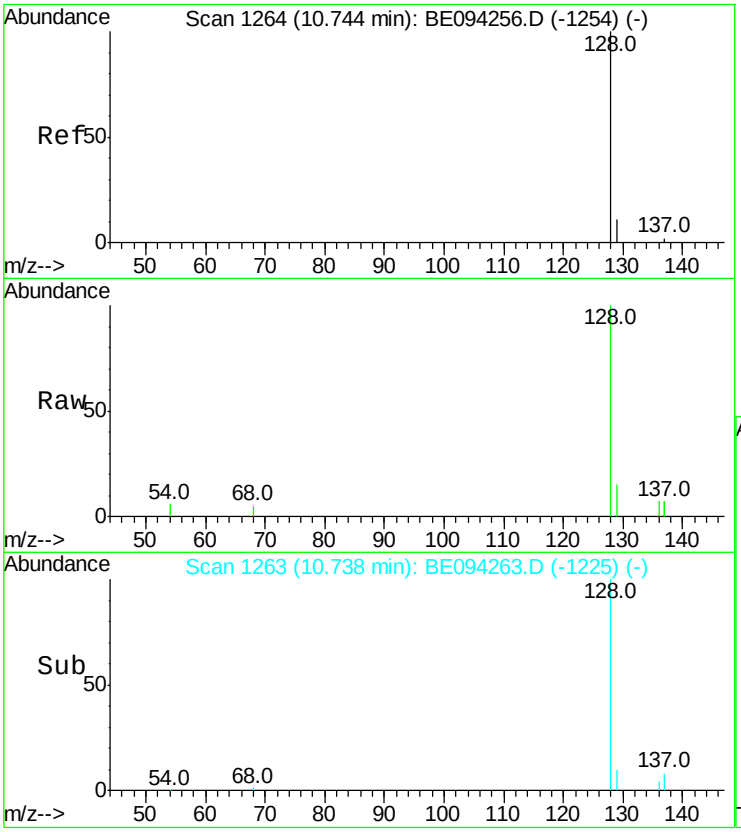
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094263.D
Acq On : 10 Oct 2017 22:32
Operator : SJ/JU
Sample : I5522-21DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 11 07:33:47 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 07:23:41 2017
Response via : Initial Calibration



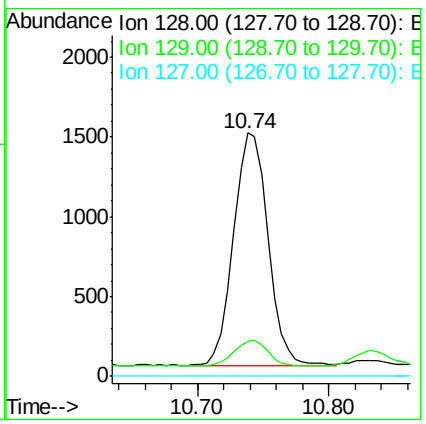


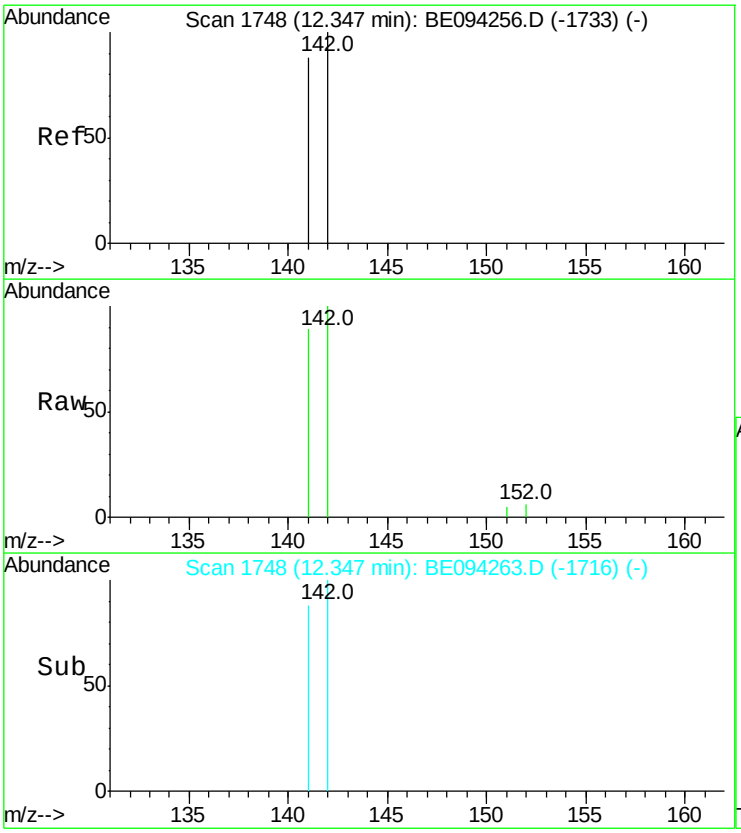
#3
Naphthalene
Concen: 0.107 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 2665

Ion	Ratio	Lower	Upper
128	100		
129	14.5	11.3	16.9
127	0.0	4.0	6.0#

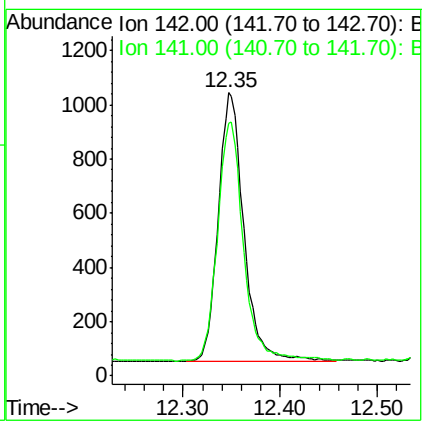


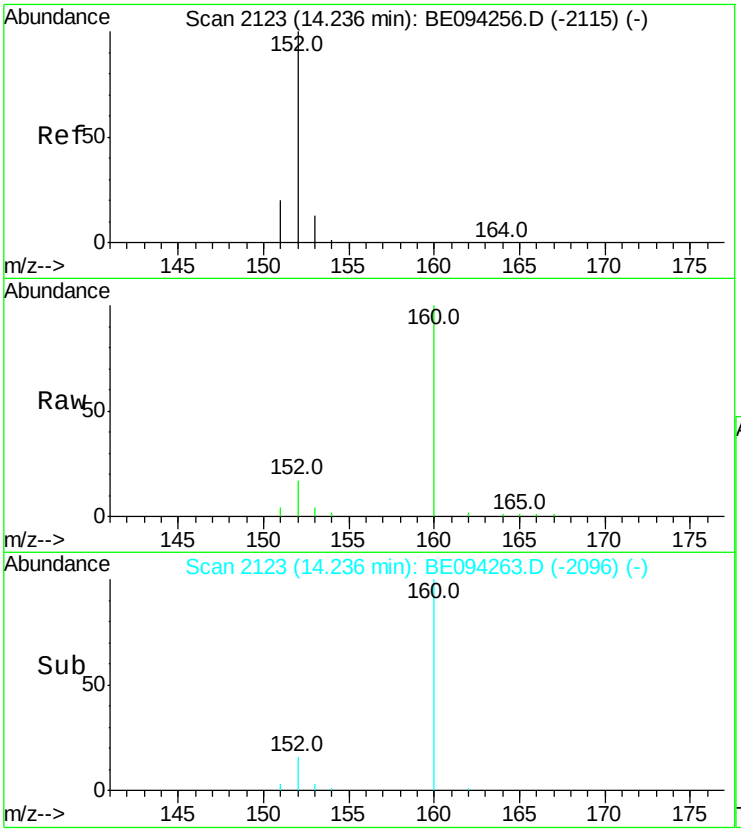


#5
2-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 12.35 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Tgt Ion:142 Resp: 1826

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8



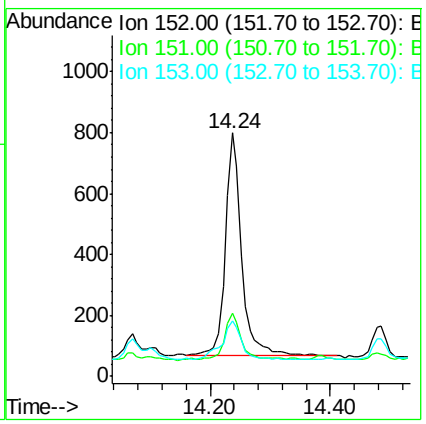


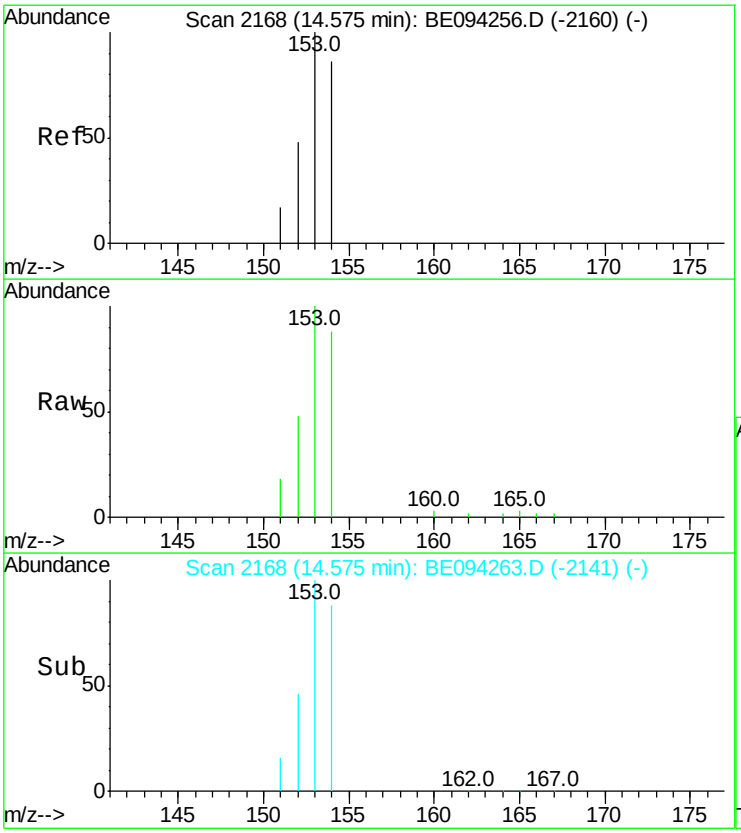
#7
Acenaphthylene
Concen: 0.062 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1385

Ion	Ratio	Lower	Upper
152	100		
151	25.8	17.1	25.7#
153	22.5	12.8	19.2#

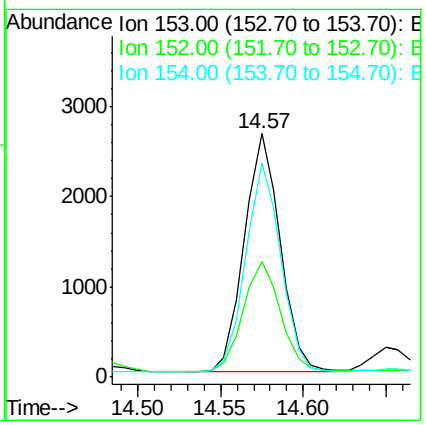


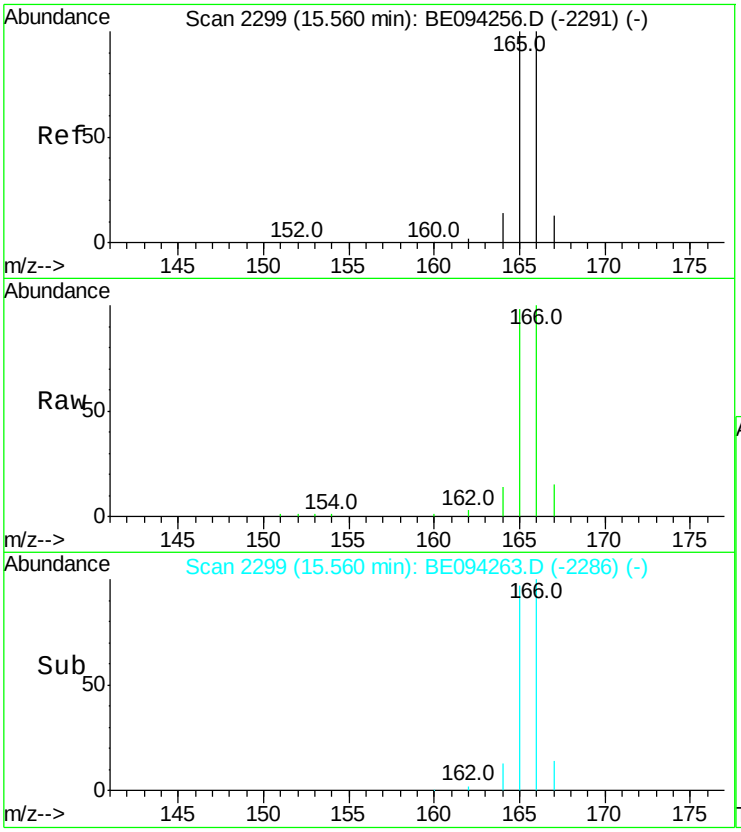


#8
Acenaphthene
Concen: 0.217 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Tgt Ion:153 Resp: 3979

Ion	Ratio	Lower	Upper
153	100		
152	47.7	40.3	60.5
154	88.1	71.4	107.2



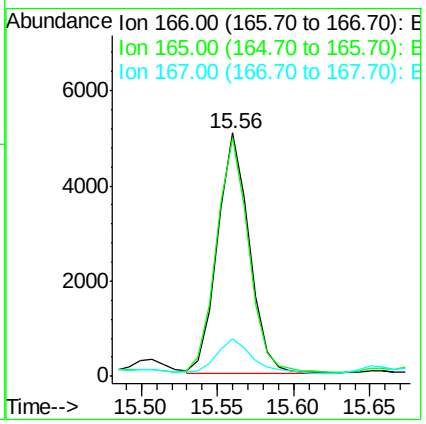


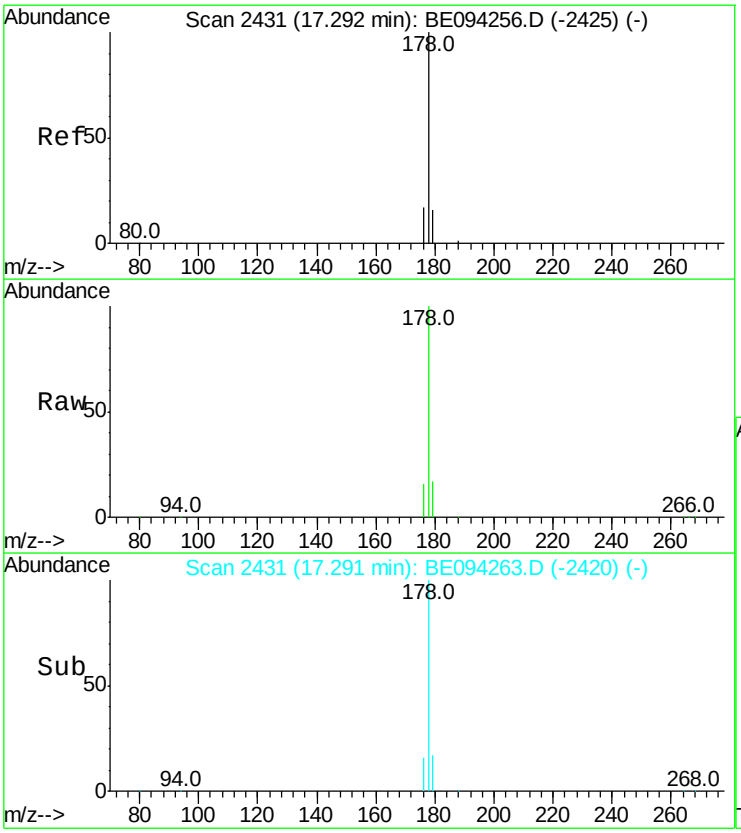
#9
Fluorene
Concen: 0.337 ng/ul
RT: 15.56 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 7224

Ion	Ratio	Lower	Upper
166	100		
165	98.0	73.4	110.2
167	15.3	14.6	22.0

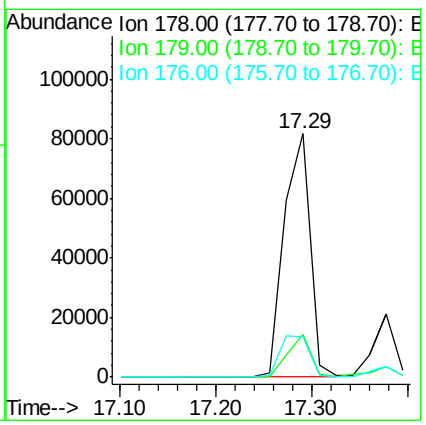


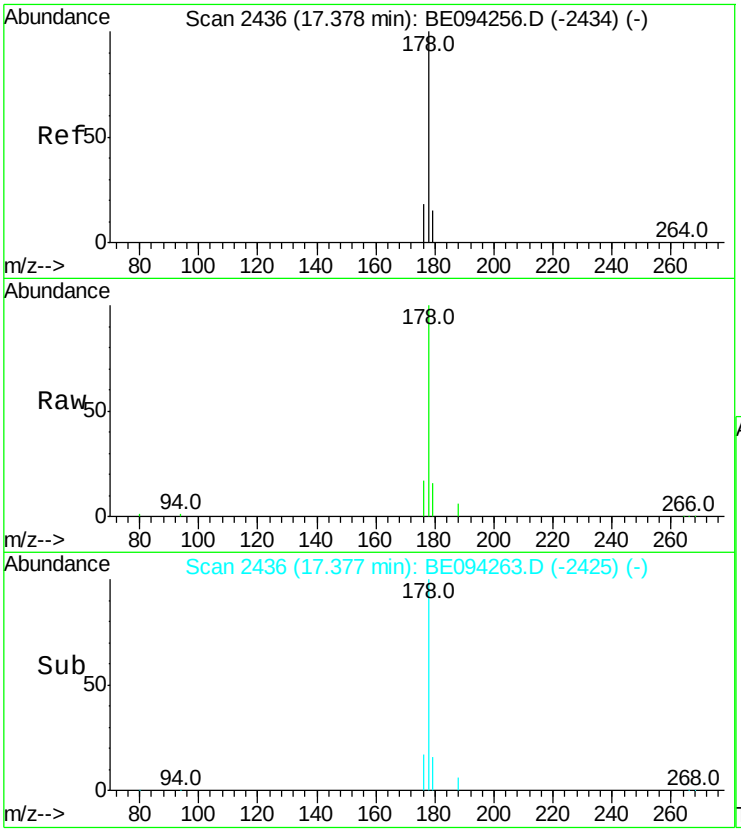


#12
Phenanthrene
Concen: 4.800 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Tgt Ion:178 Resp: 152921

Ion	Ratio	Lower	Upper
178	100		
179	17.5	18.4	27.6#
176	16.3	13.6	20.4



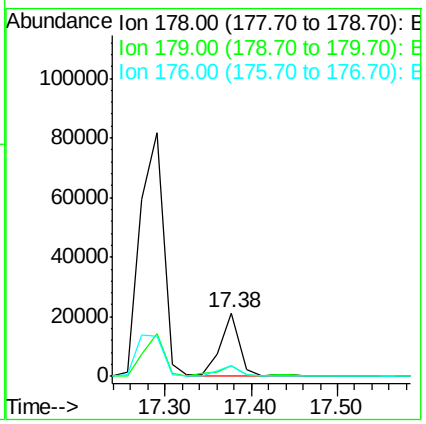


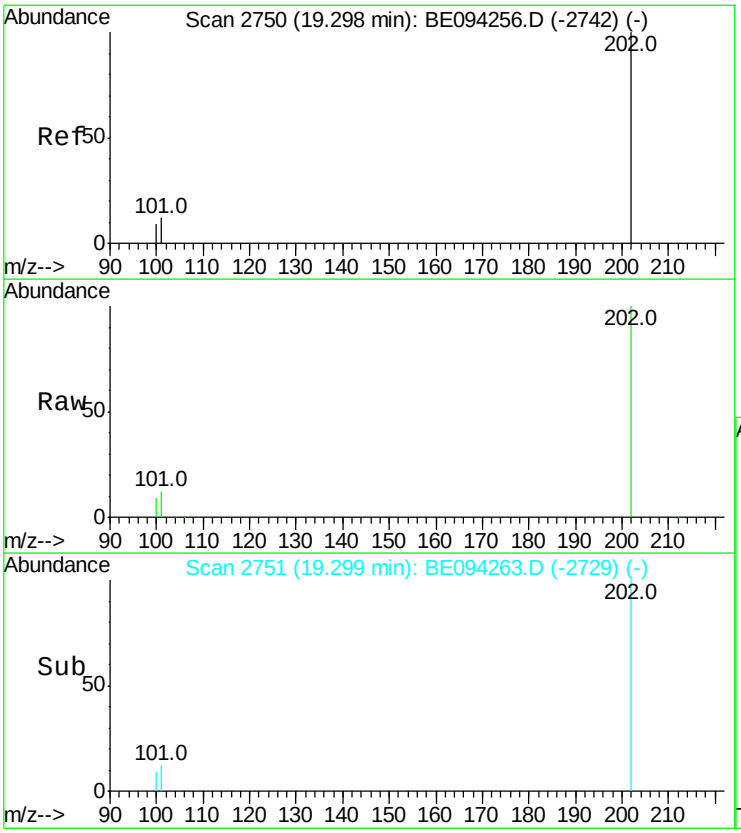
#13
Anthracene
Concen: 1.062 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 32911

Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.1	27.1#
176	17.2	14.7	22.1

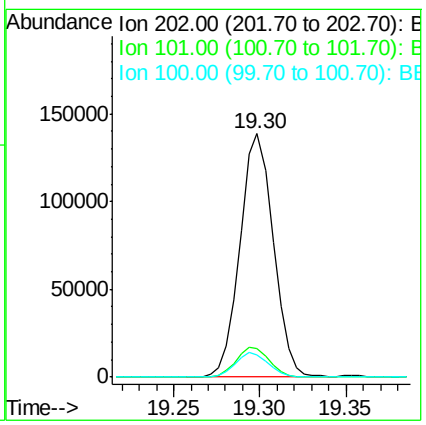


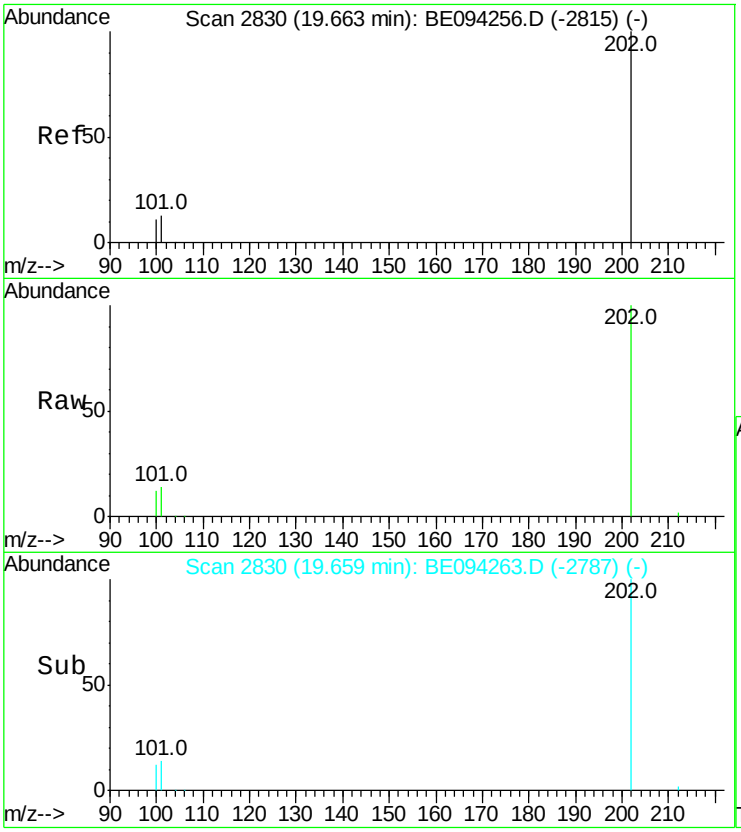


#15
Fluoranthene
Concen: 4.425 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Tgt Ion:202 Resp: 185251

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.3
100	9.3	0.0	39.5



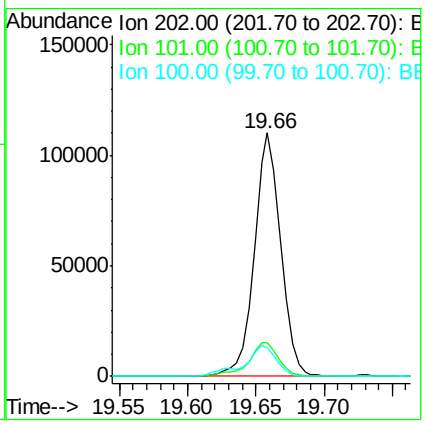


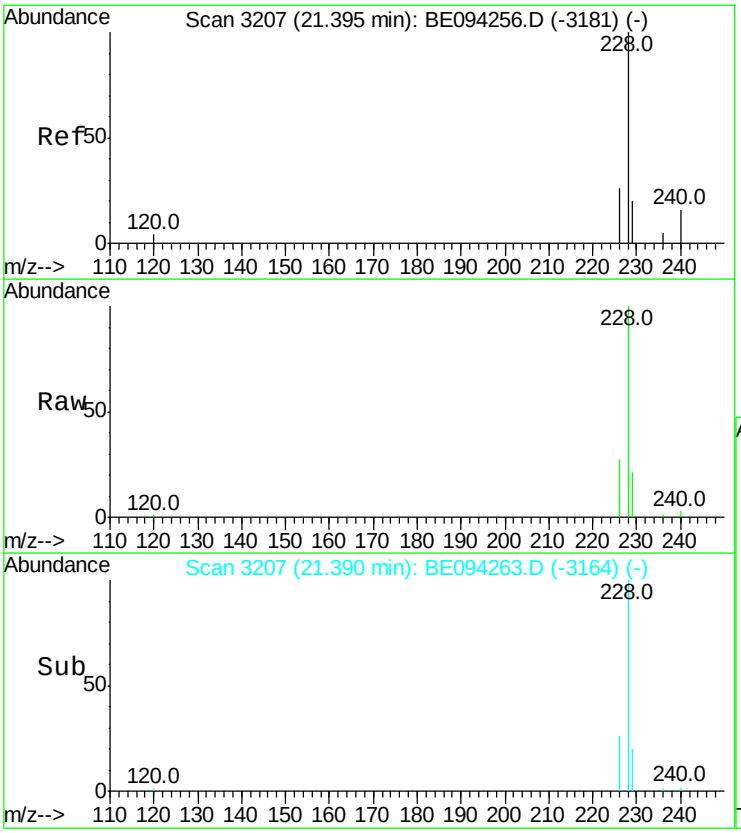
#17
Pyrene
Concen: 4.136 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 147707

Ion	Ratio	Lower	Upper
202	100		
101	13.6	18.2	27.4#
100	11.7	15.6	23.4#

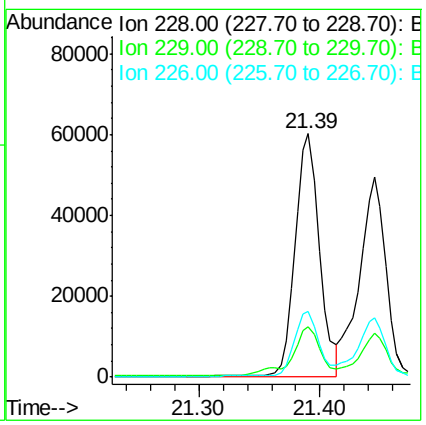


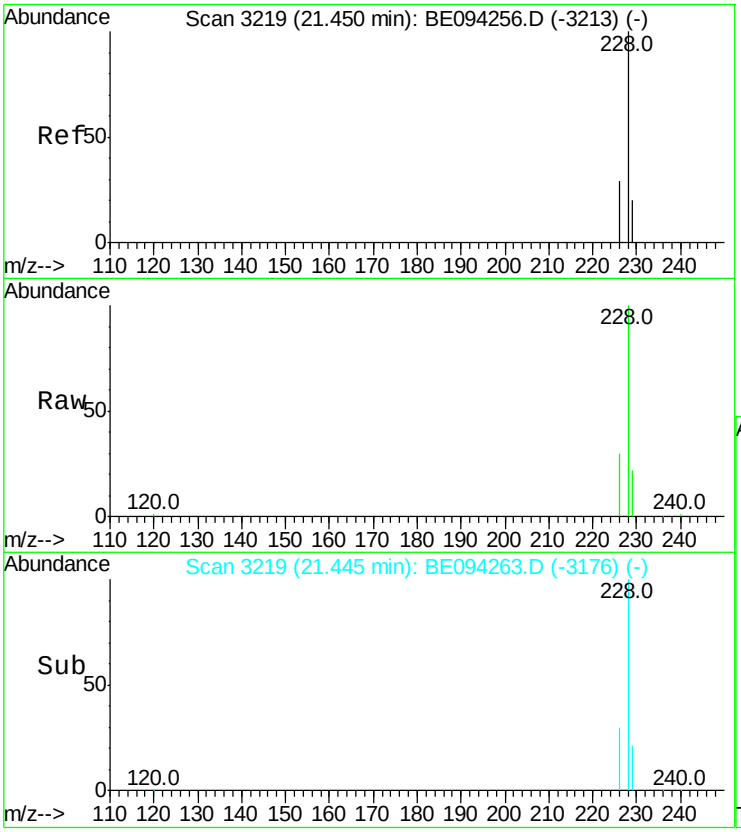


#18
Benzo(a)anthracene
Concen: 2.447 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Tgt Ion:228 Resp: 83323

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



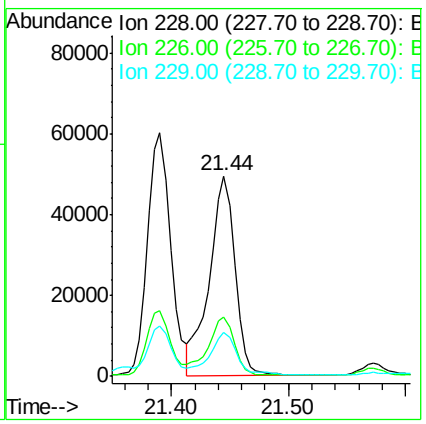


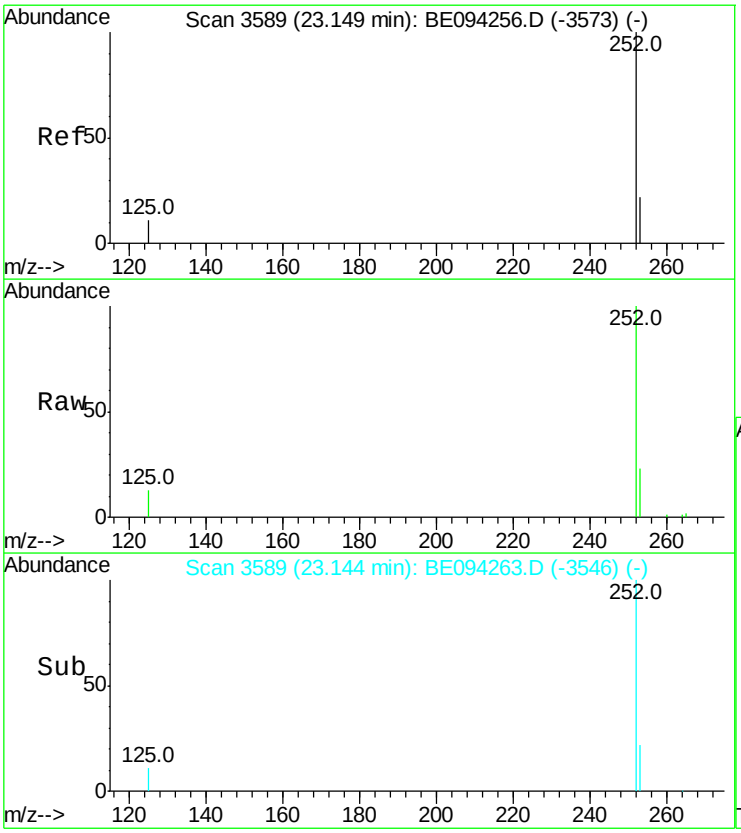
#19
Chrysene
Concen: 1.915 ng/ul
RT: 21.44 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 75305

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	22.0	17.7	26.5

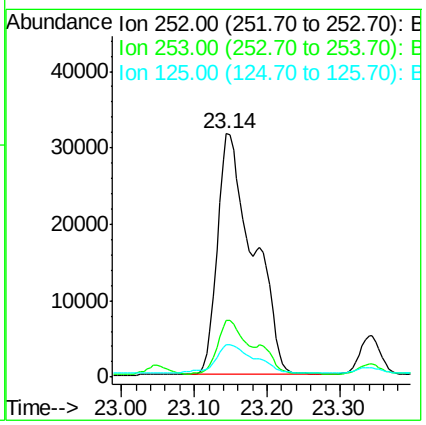


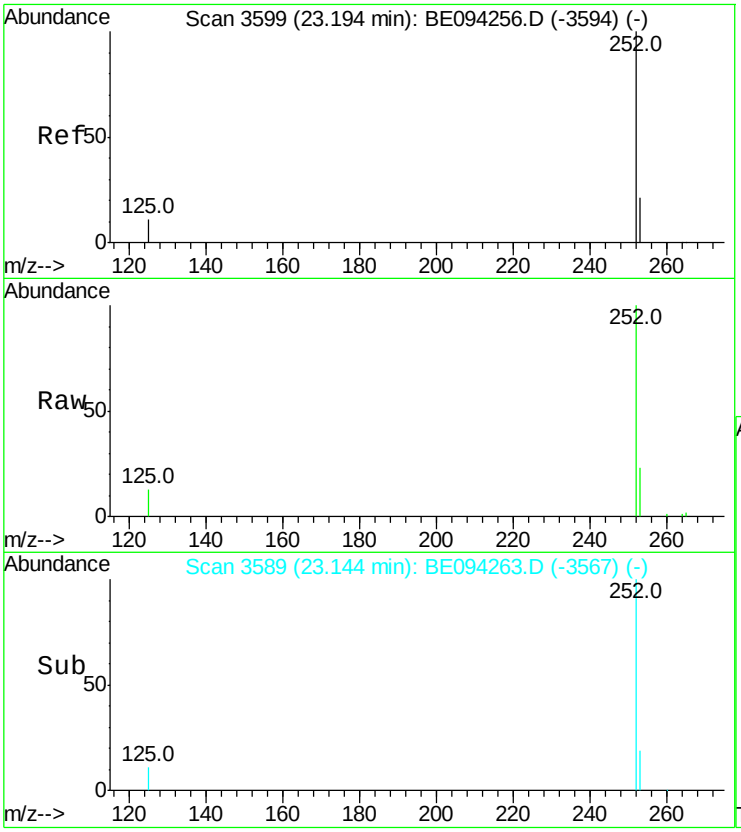


#21
Benzo(b)fluoranthene
Concen: 2.976 ng/ul
RT: 23.14 min Scan# 3589
Delta R.T. -0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Tgt Ion:252 Resp: 107448

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	64.2
125	13.2	0.0	35.0



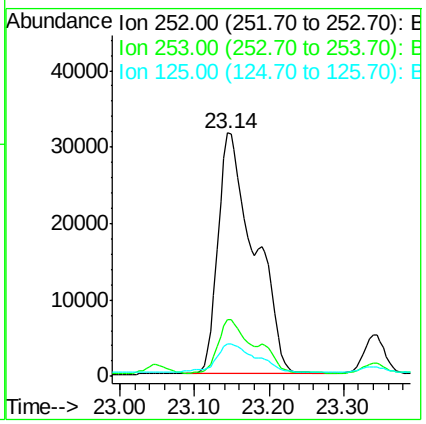


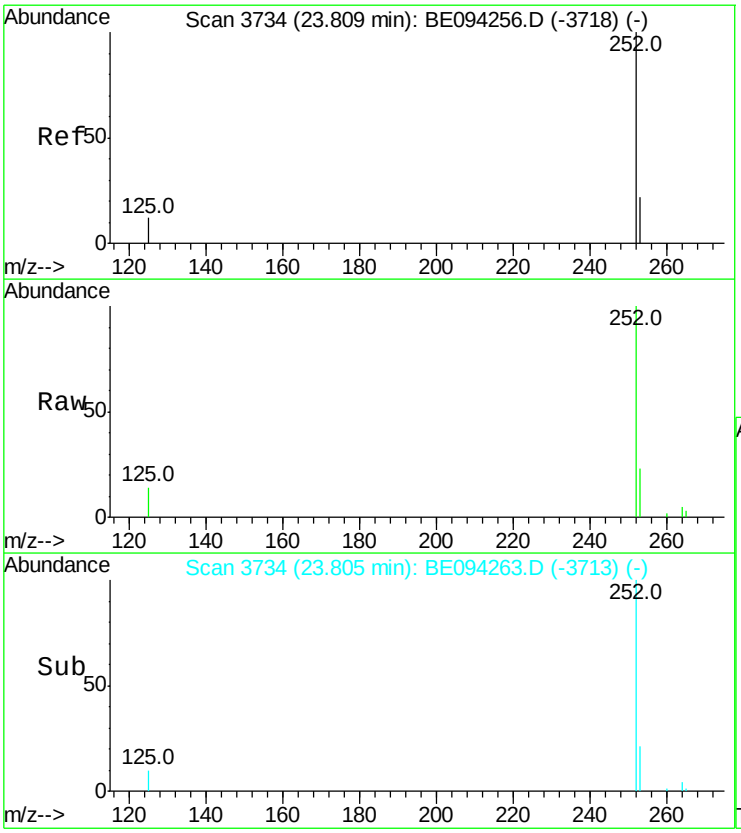
#22
Benzo(k)fluoranthene
Concen: 2.574 ng/ul
RT: 23.14 min Scan# 3589
Delta R.T. -0.05 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 107421

Ion	Ratio	Lower	Upper
252	100		
253	23.1	24.5	36.7#
125	13.2	13.7	20.5#

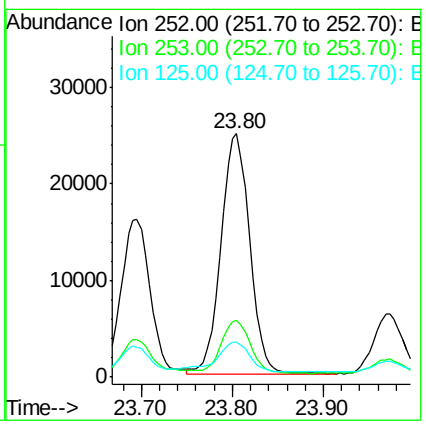


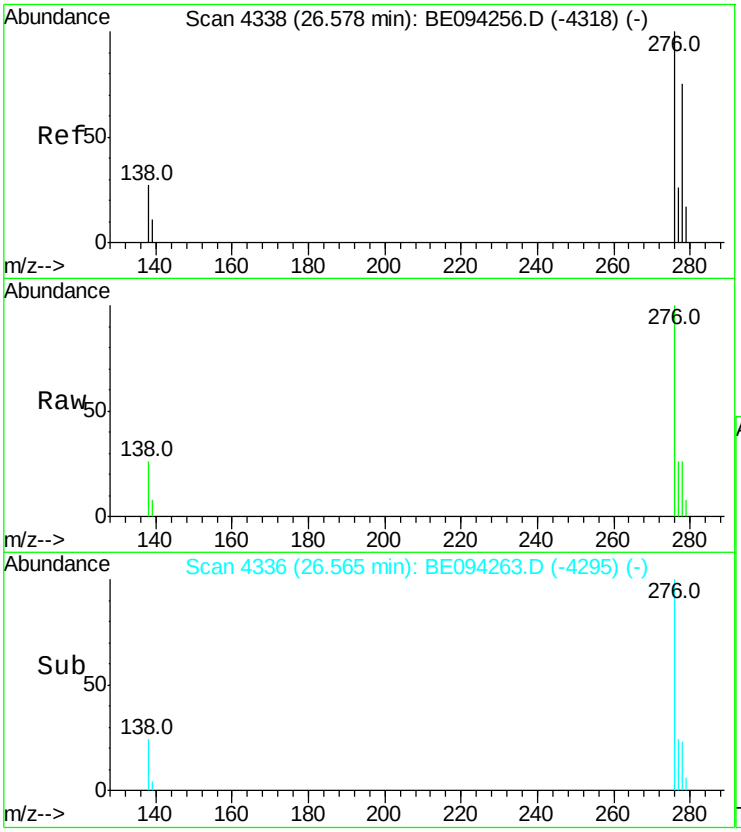


#23
Benzo(a)pyrene
Concen: 1.441 ng/ul
RT: 23.80 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Tgt Ion:252 Resp: 54047

Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	14.4	18.1	27.1#



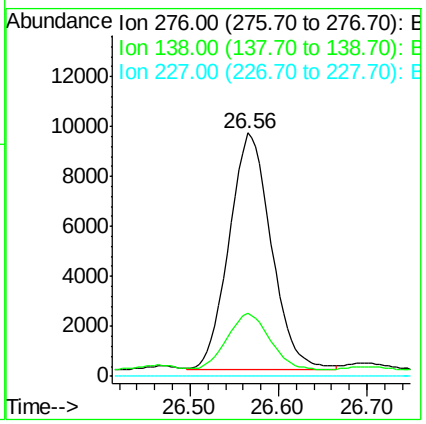


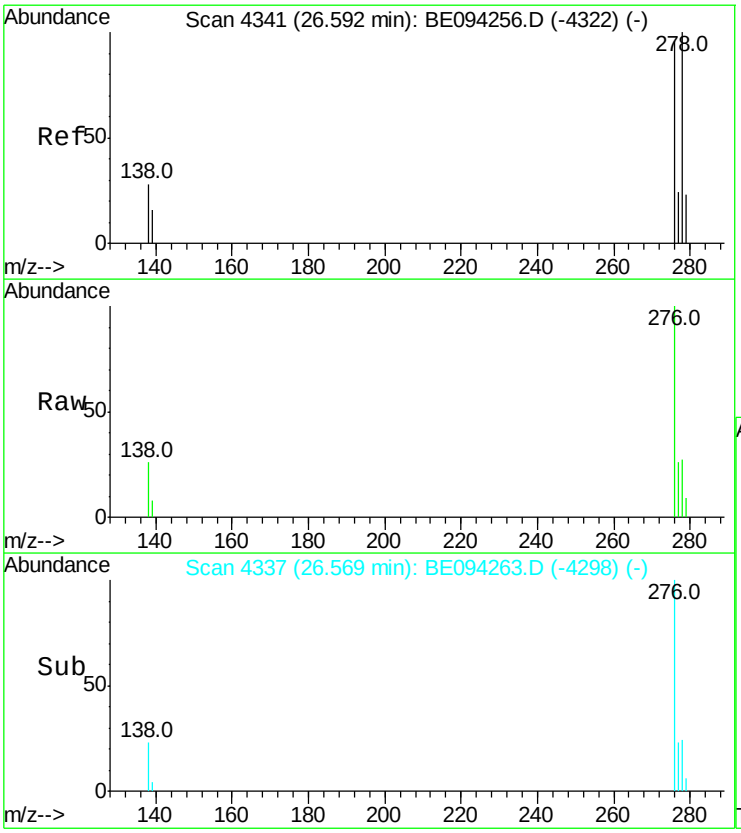
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.815 ng/ul
RT: 26.56 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 31266

Ion	Ratio	Lower	Upper
276	100		
138	24.1	28.0	42.0#
227	0.0	8.0	12.0#

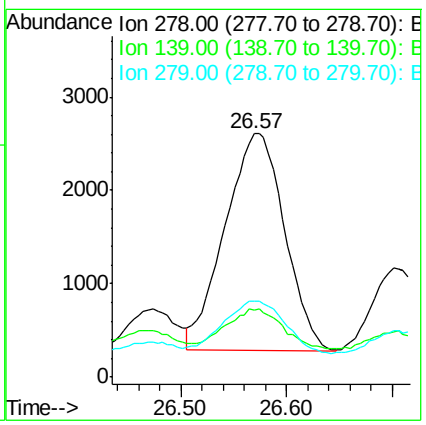


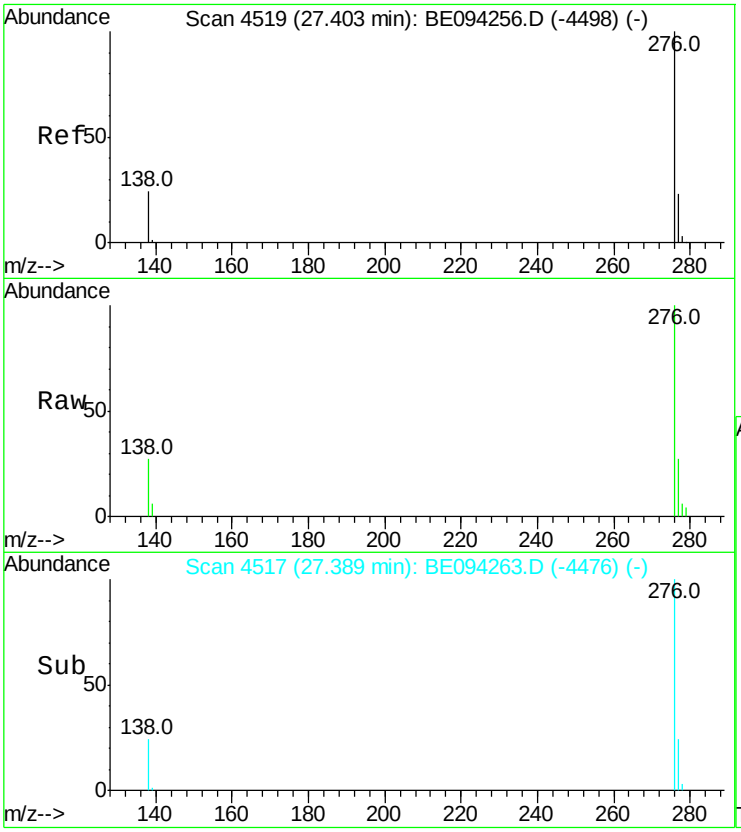


#25
Dibenzo(a,h)anthracene
Concen: 0.284 ng/ul
RT: 26.57 min Scan# 4337
Delta R.T. -0.02 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Tgt Ion:278 Resp: 9143

Ion	Ratio	Lower	Upper
278	100		
139	27.5	17.4	26.0#
279	31.4	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.696 ng/ul
RT: 27.39 min Scan# 4517
Delta R.T. -0.01 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 23043

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.8
277	26.6	20.5	30.7