Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093221.D
Acq On : 15 Jun 2017 23:00
Operator : SJ/MA
Sample : I3522-16DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 16 04:45:36 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 04:43:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3137	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	16021	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	9476	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	22737	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	24333	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	20669	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1422	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	3807	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	8348	0.21	ng/ul#	92
5) 2-Methylnaphthalene	12.19	142	2065	0.08	ng/ul	98
7) Acenaphthylene	14.08	152	42958	1.06	ng/ul	96
8) Acenaphthene	14.43	153	1733	0.05	ng/ul	96
9) Fluorene	15.42	166	1861	0.05	ng/ul	89
12) Phenanthrene	17.14	178	34236	0.55	ng/ul#	87
13) Anthracene	17.22	178	68517	1.26	ng/ul#	86
15) Fluoranthene	19.16	202	414557	5.40	ng/ul	83
17) Pyrene	19.52	202	549408	7.66	ng/ul#	85
18) Benzo(a)anthracene	21.25	228	382323	5.89	ng/ul#	85
19) Chrysene	21.30	228	396881	5.89	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	1057271	16.86	ng/ul	87
22) Benzo(k)fluoranthene	23.12	252	89202	1.34	ng/ul	95
23) Benzo(a)pyrene	23.56	252	360103	6.07	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.19	276	207759	3.03	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	61021	1.06	ng/ul	92
26) Benzo(g,h,i)perylene	26.96	276	144482	2.45	ng/ul	97

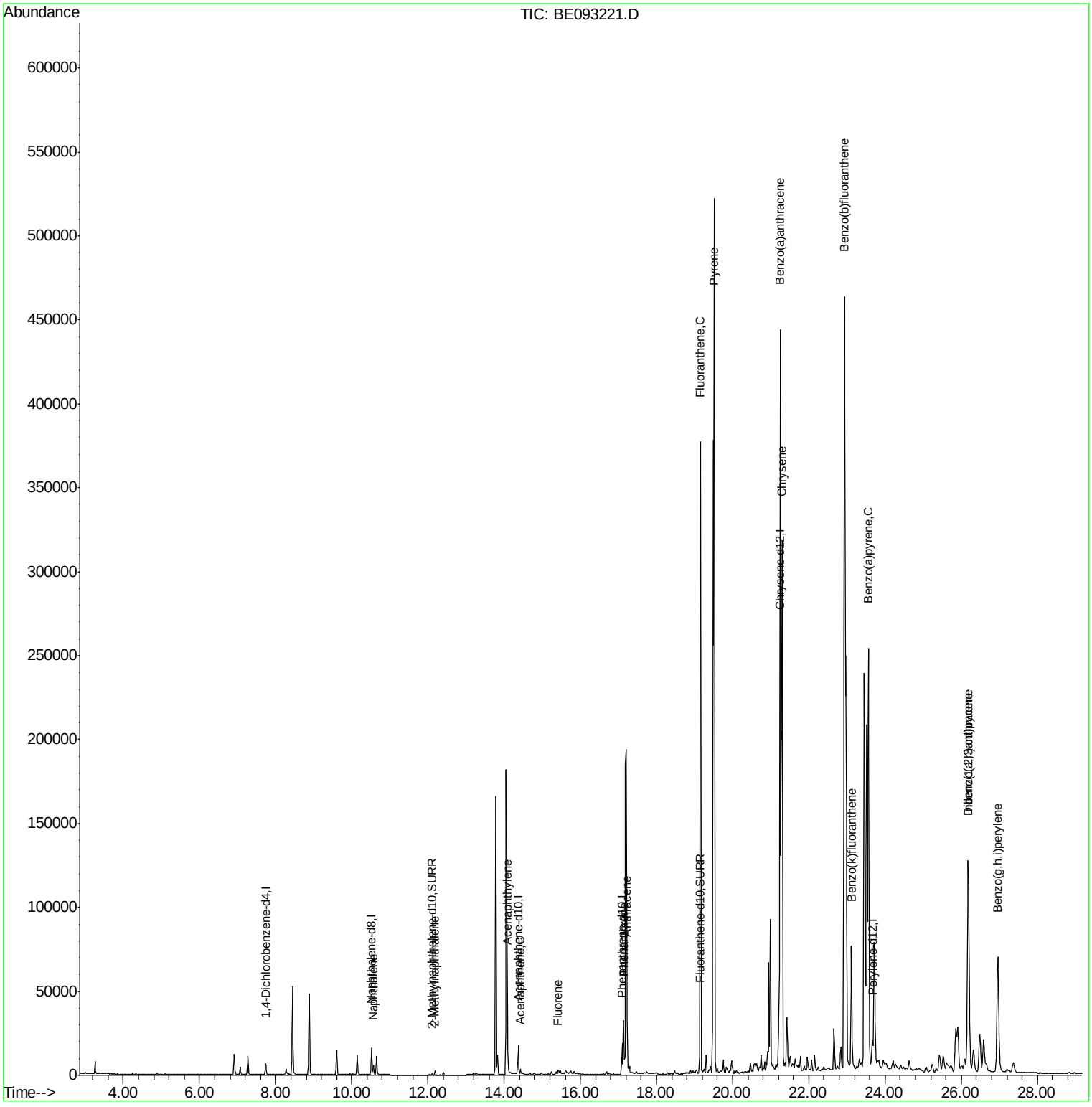
(#) = qualifier out of range (m) = manual integration (+) = signals summed

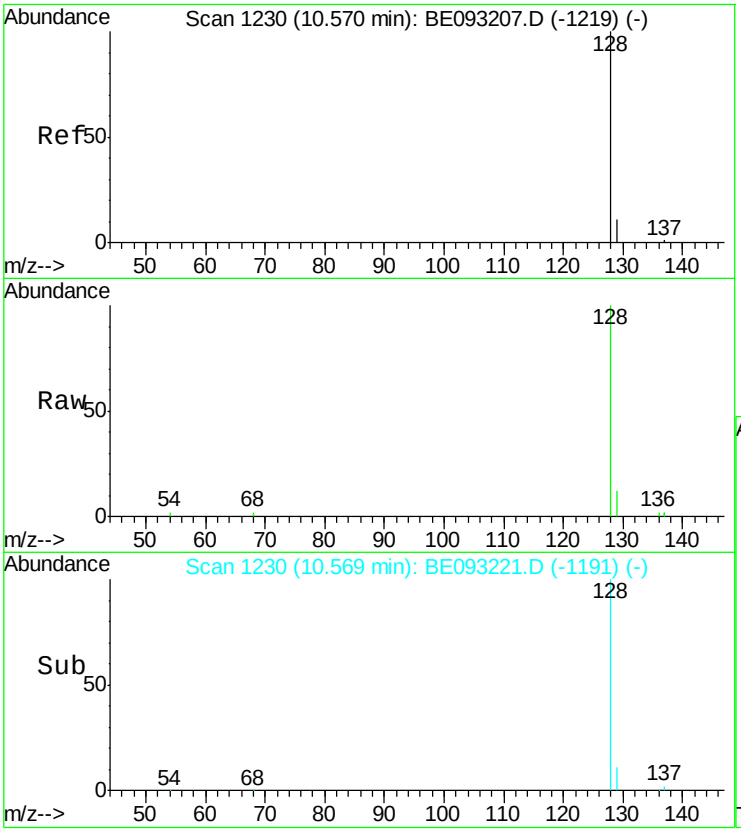
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093221.D
Acq On : 15 Jun 2017 23:00
Operator : SJ/MA
Sample : I3522-16DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 16 04:45:36 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 04:43:11 2017
Response via : Initial Calibration



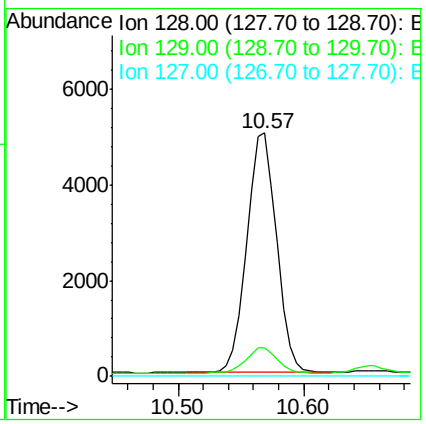


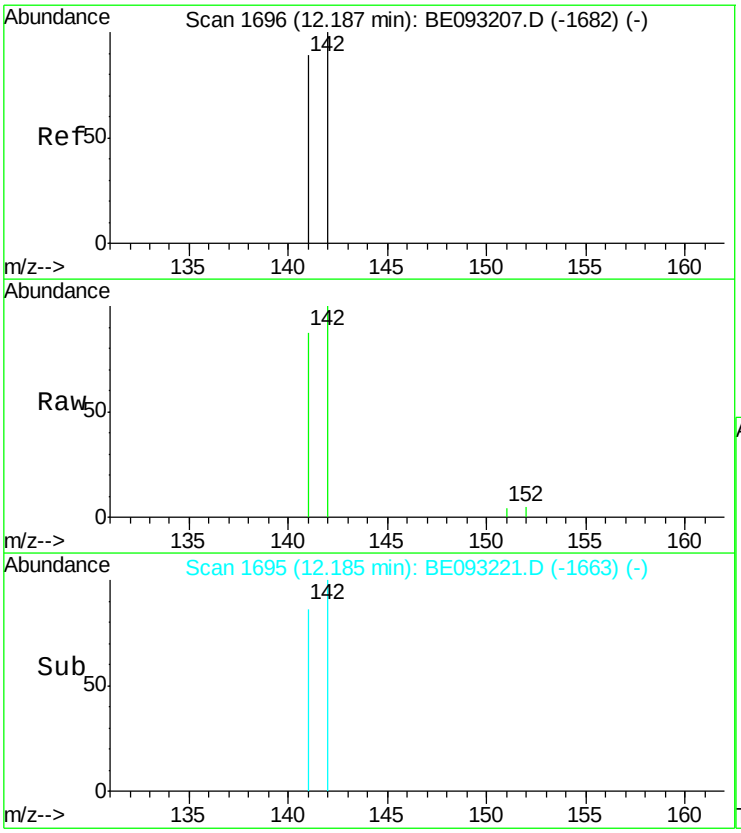
#3
Naphthalene
Concen: 0.21 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 8348

Ion	Ratio	Lower	Upper
128	100		
129	11.9	11.3	16.9
127	0.0	4.0	6.0#

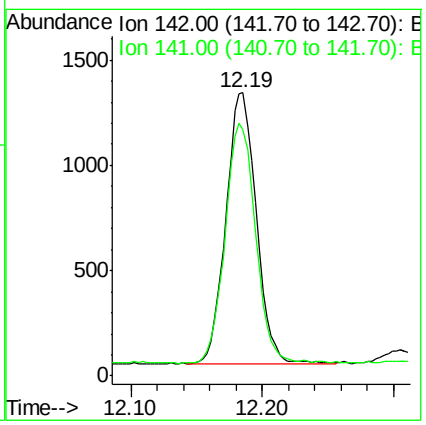


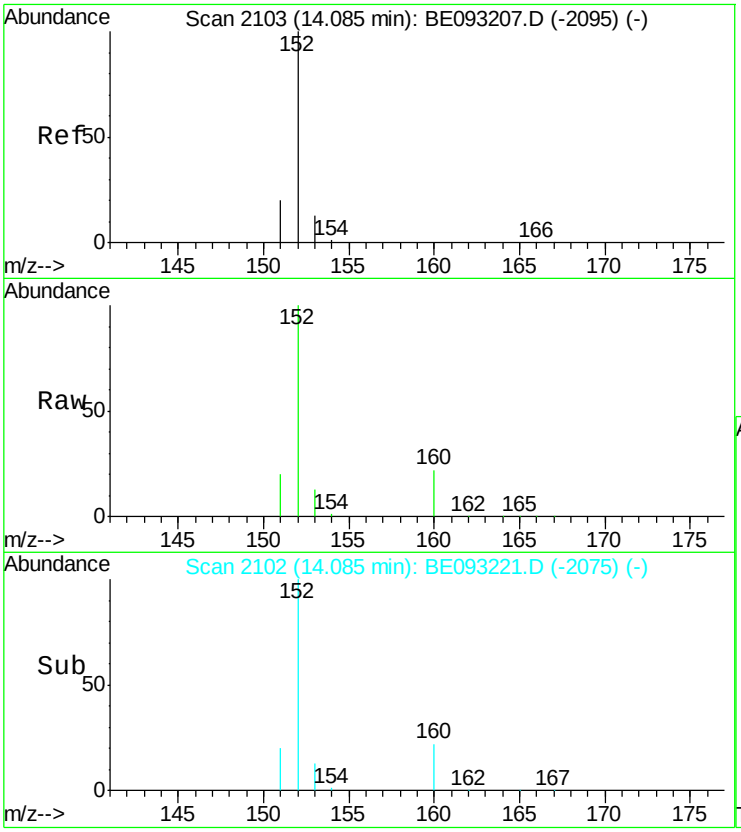


#5
2-Methylnaphthalene
Concen: 0.08 ng/ul
RT: 12.19 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Tgt Ion:142 Resp: 2065

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8



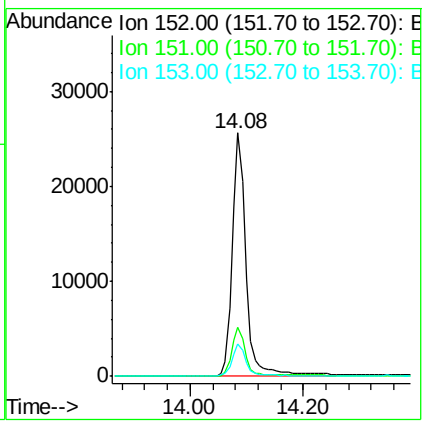


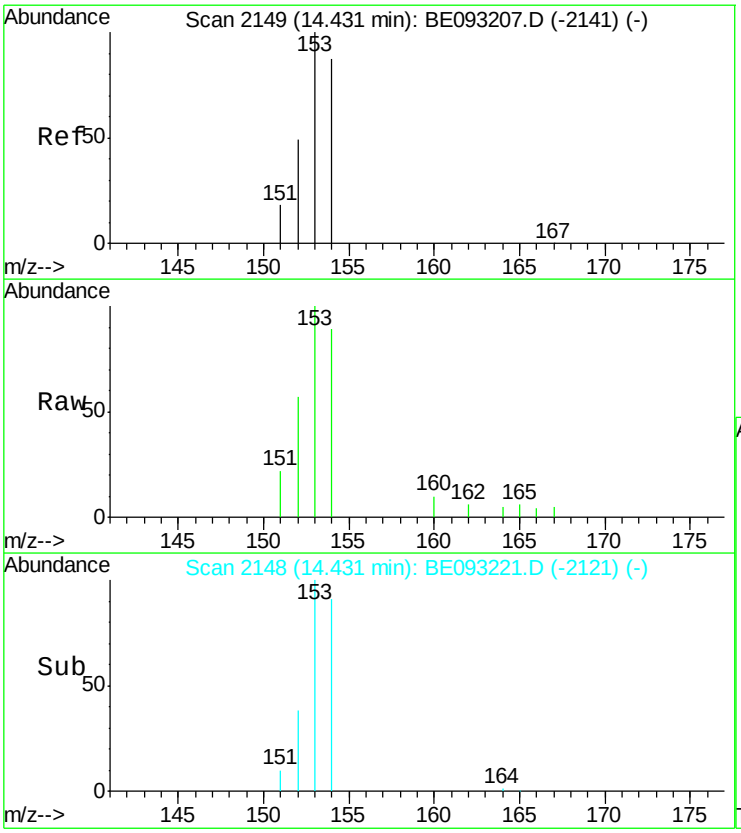
#7
Acenaphthylene
Concen: 1.06 ng/ul
RT: 14.08 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 42958

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.1	25.7
153	13.3	12.8	19.2

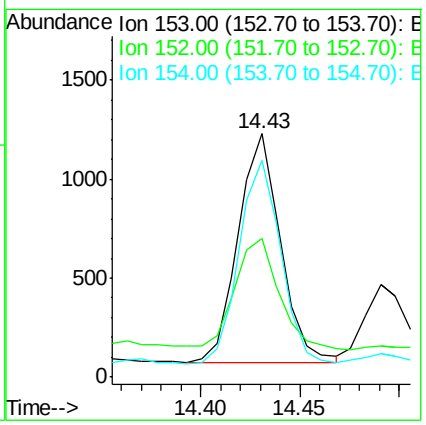


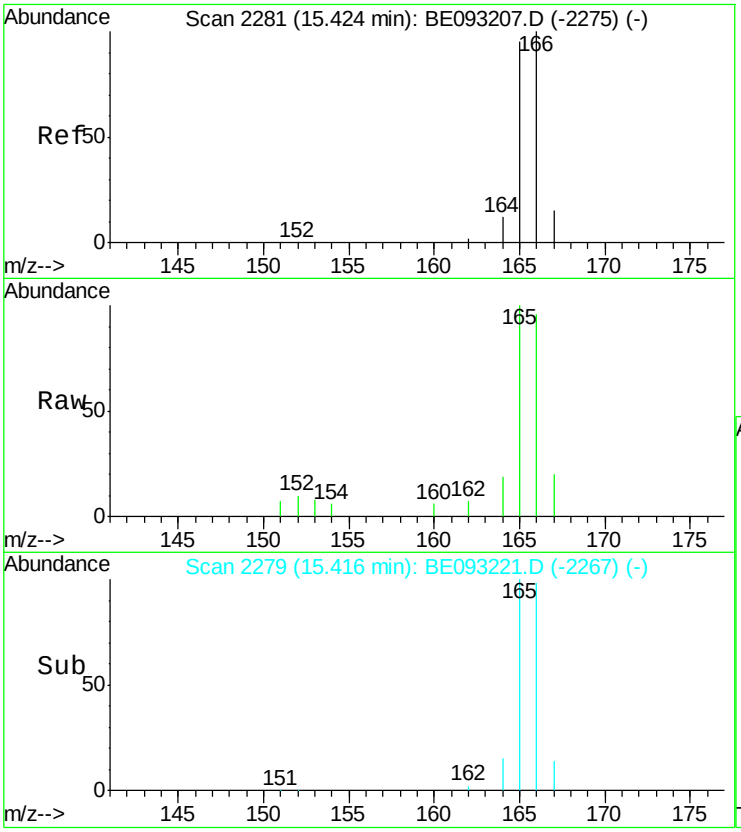


#8
Acenaphthene
Concen: 0.05 ng/ul
RT: 14.43 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Tgt Ion:153 Resp: 1733

Ion	Ratio	Lower	Upper
153	100		
152	57.0	40.3	60.5
154	88.8	71.4	107.2



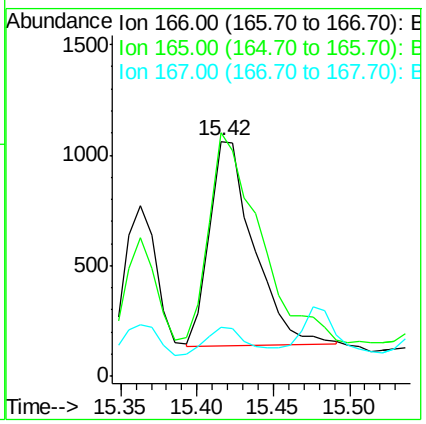


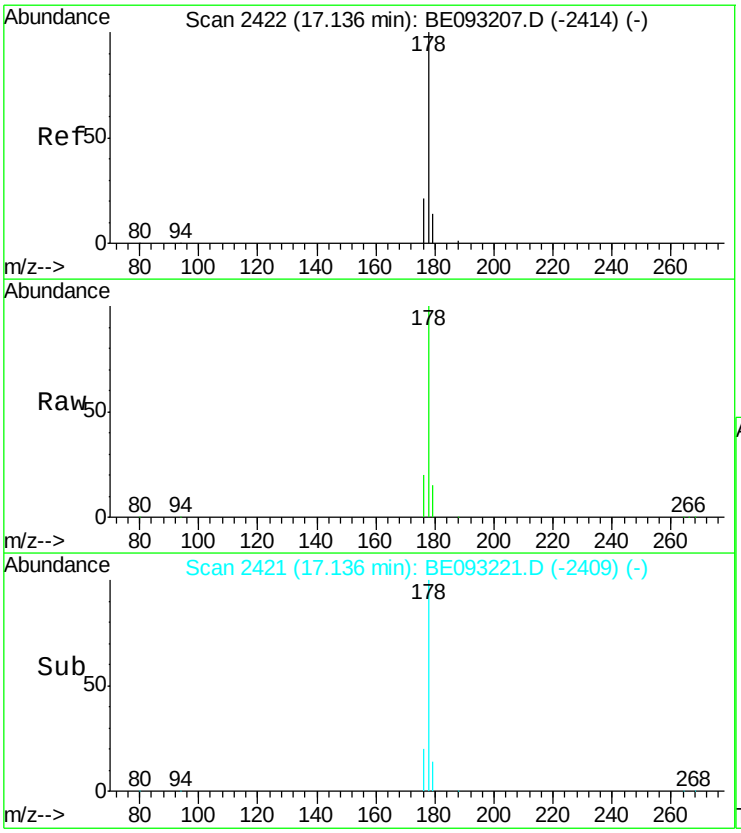
#9
Fluorene
Concen: 0.05 ng/ul
RT: 15.42 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 1861

Ion	Ratio	Lower	Upper
166	100		
165	103.8	73.4	110.2
167	20.7	14.6	22.0

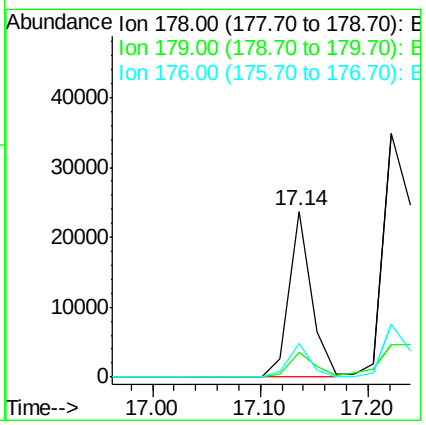


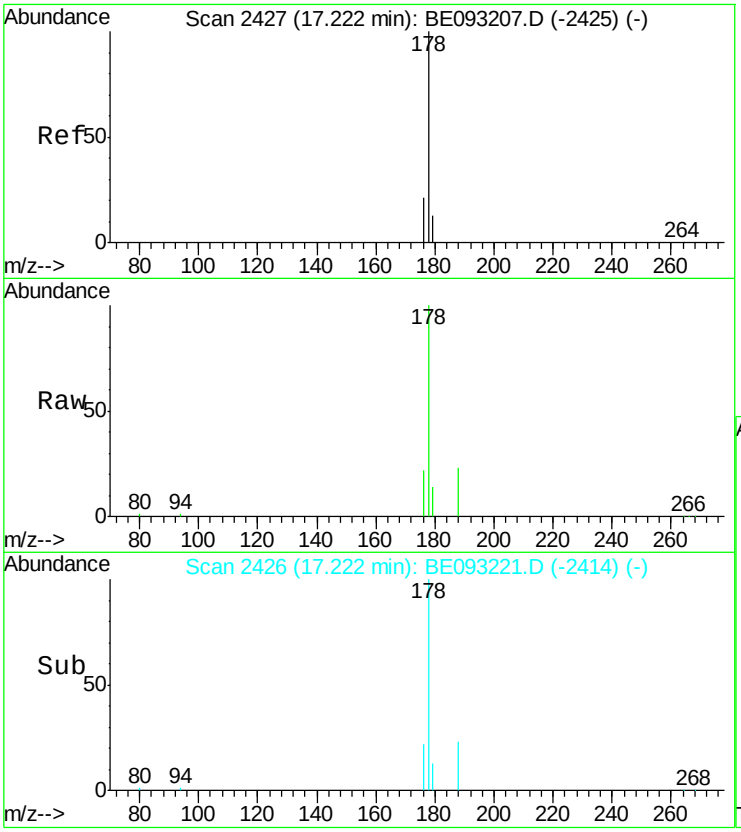


#12
Phenanthrene
Concen: 0.55 ng/ul
RT: 17.14 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Tgt Ion:178 Resp: 34236

Ion	Ratio	Lower	Upper
178	100		
179	14.6	18.4	27.6#
176	20.5	13.6	20.4#



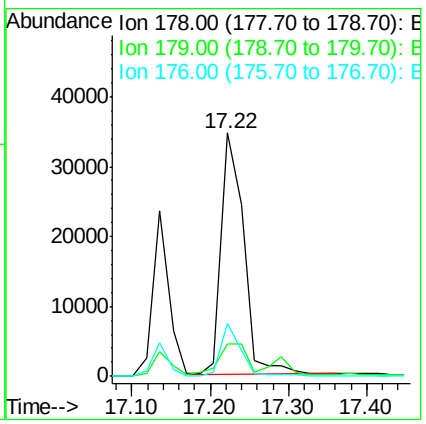


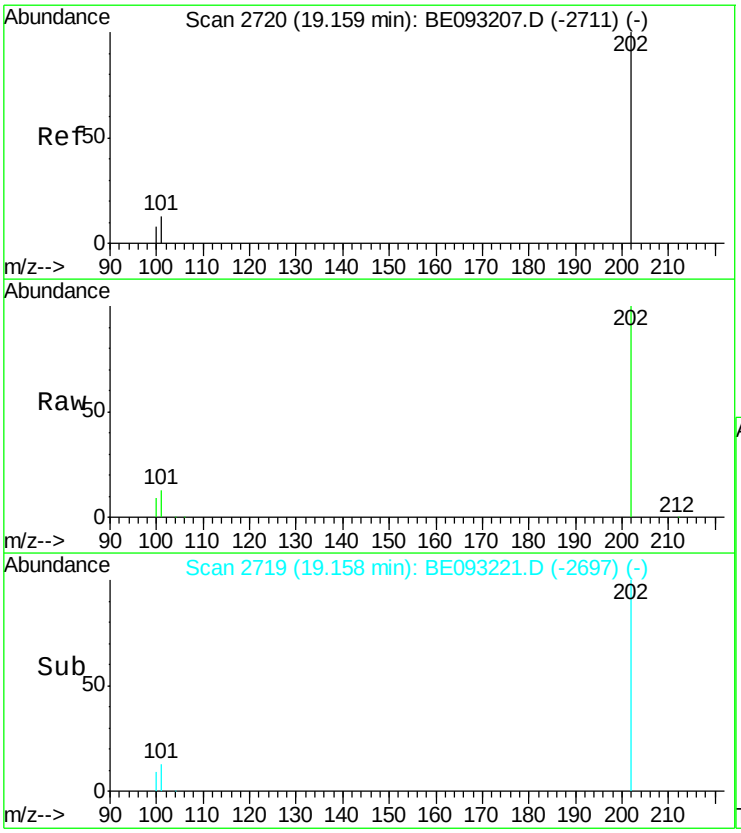
#13
Anthracene
Concen: 1.26 ng/ul
RT: 17.22 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 68517

Ion	Ratio	Lower	Upper
178	100		
179	13.5	18.1	27.1#
176	21.7	14.7	22.1

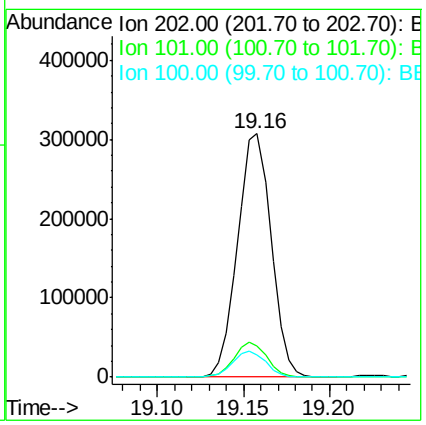


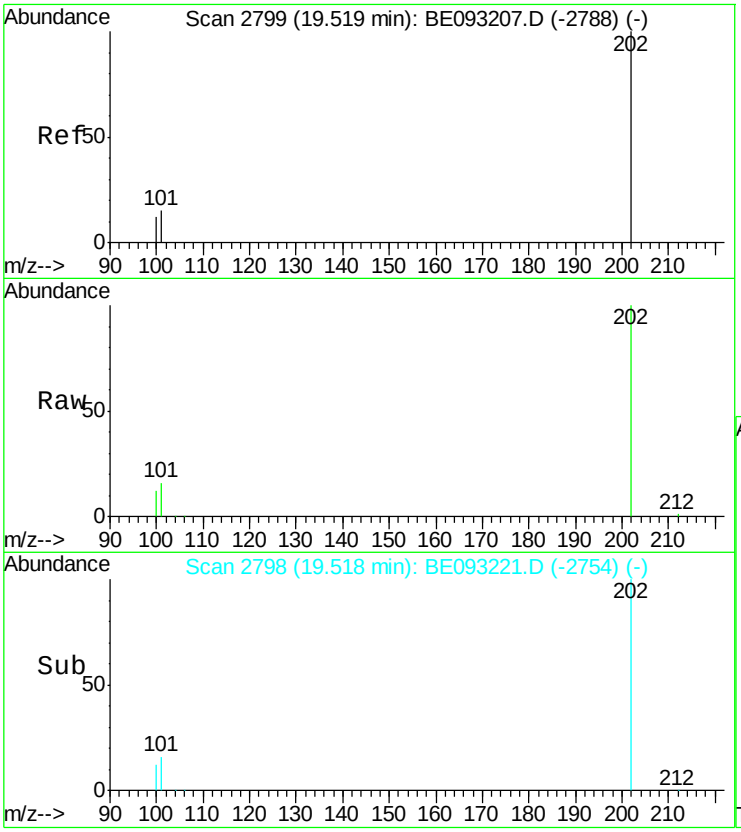


#15
Fluoranthene
Concen: 5.40 ng/ul
RT: 19.16 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Tgt Ion:202 Resp: 414557

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.3
100	9.3	0.0	39.5



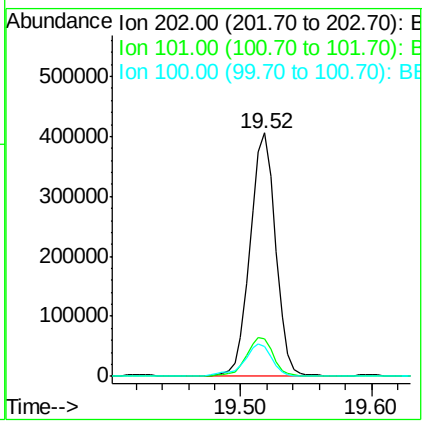


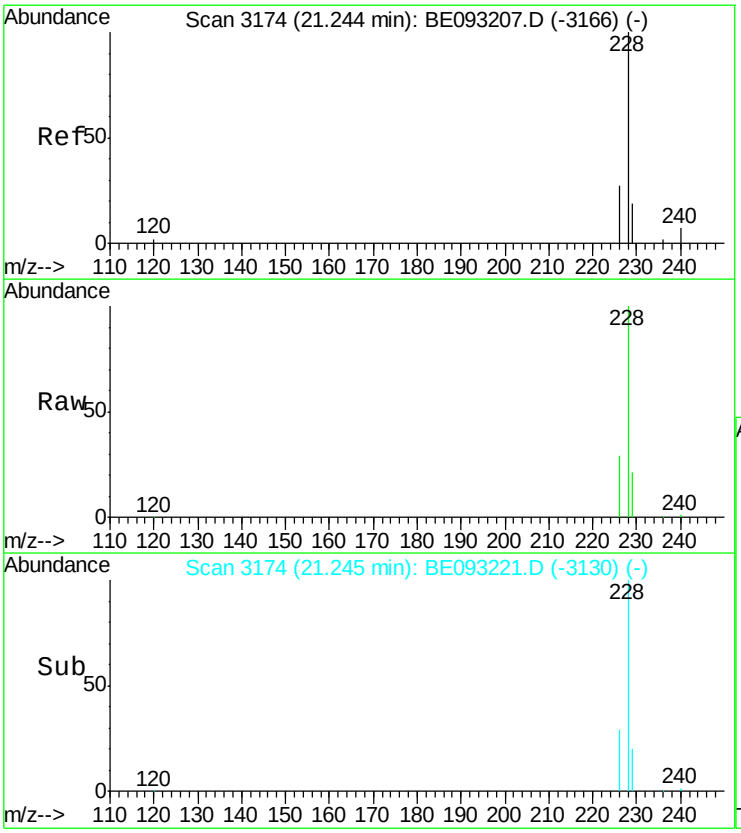
#17
Pyrene
Concen: 7.66 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 549408

Ion	Ratio	Lower	Upper
202	100		
101	15.5	18.2	27.4#
100	12.4	15.6	23.4#

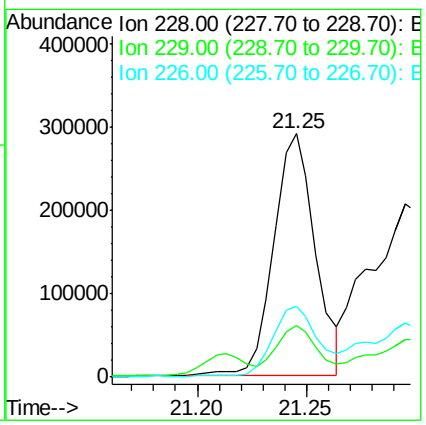


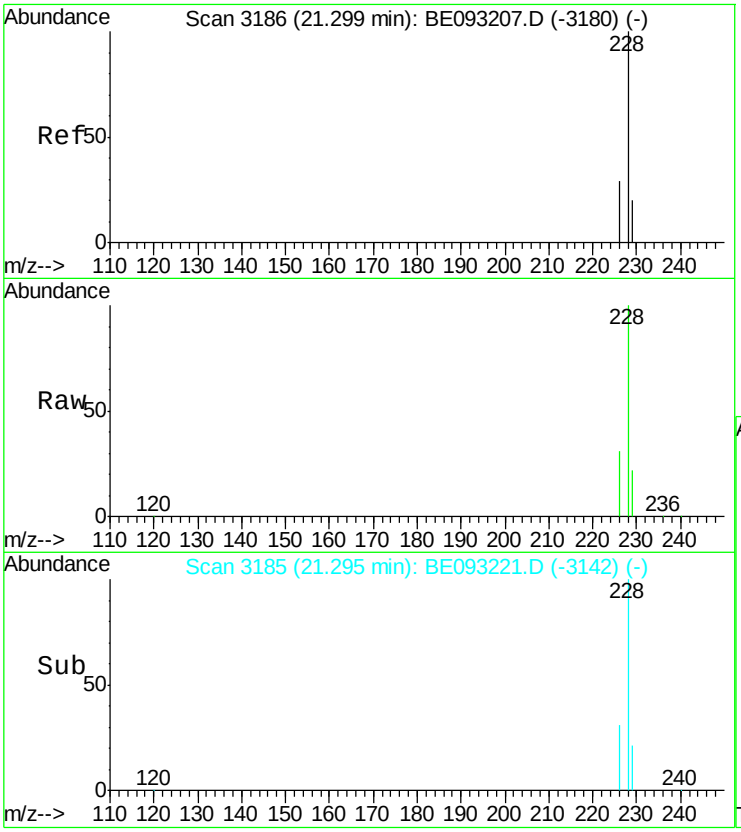


#18
Benzo(a)anthracene
Concen: 5.89 ng/ul
RT: 21.25 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Tgt Ion:228 Resp: 382323

Ion	Ratio	Lower	Upper
228	100		
229	21.2	22.8	34.2#
226	29.4	17.0	25.6#



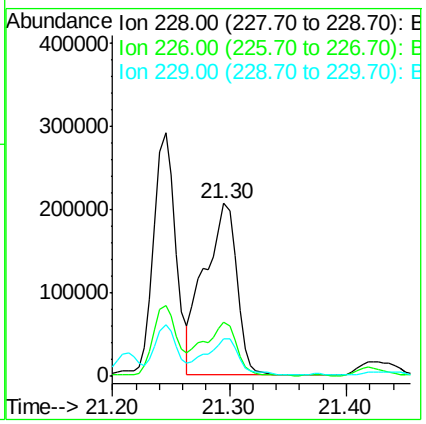


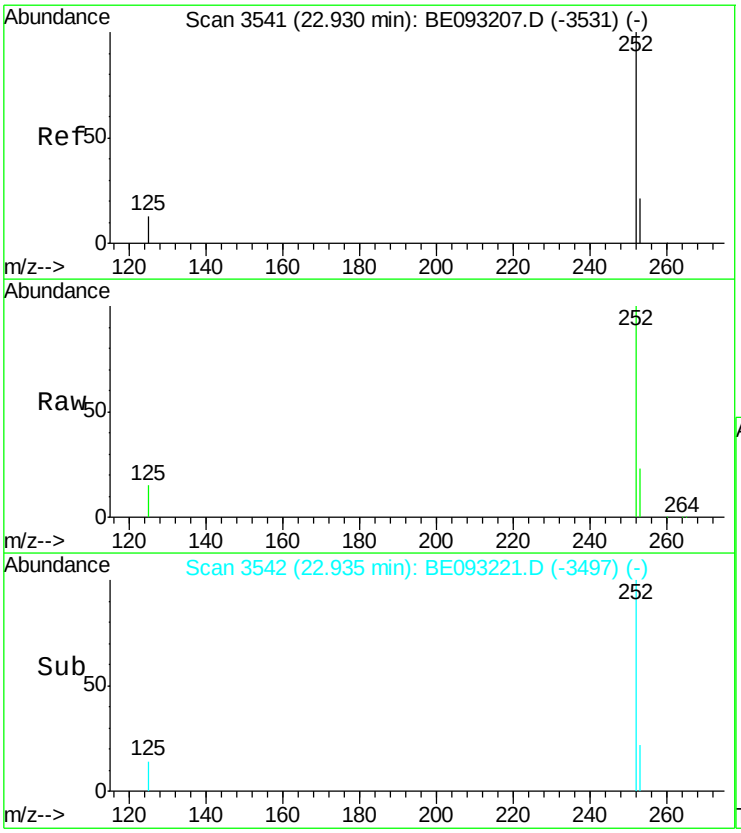
#19
Chrysene
Concen: 5.89 ng/ul
RT: 21.30 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 396881

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.0
229	21.8	17.7	26.5

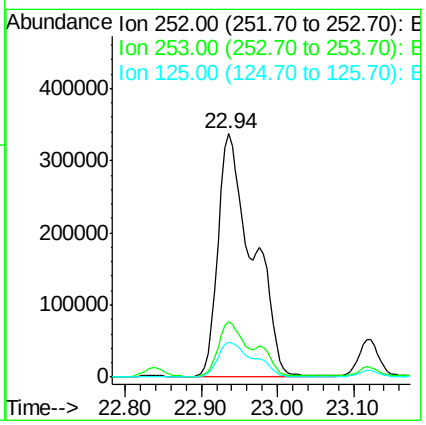


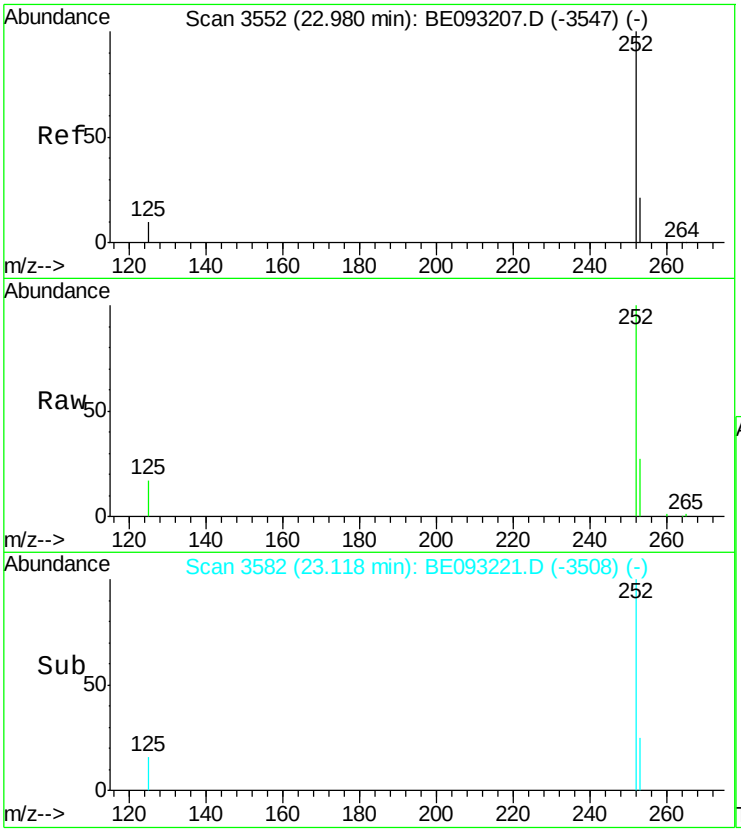


#21
Benzo(b)fluoranthene
Concen: 16.86 ng/ul
RT: 22.94 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Tgt Ion:252 Resp: 1057271

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	64.2
125	14.5	0.0	35.0



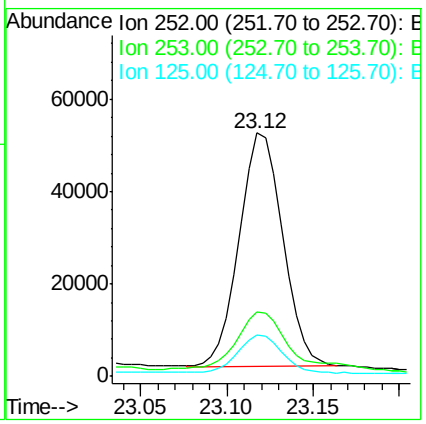


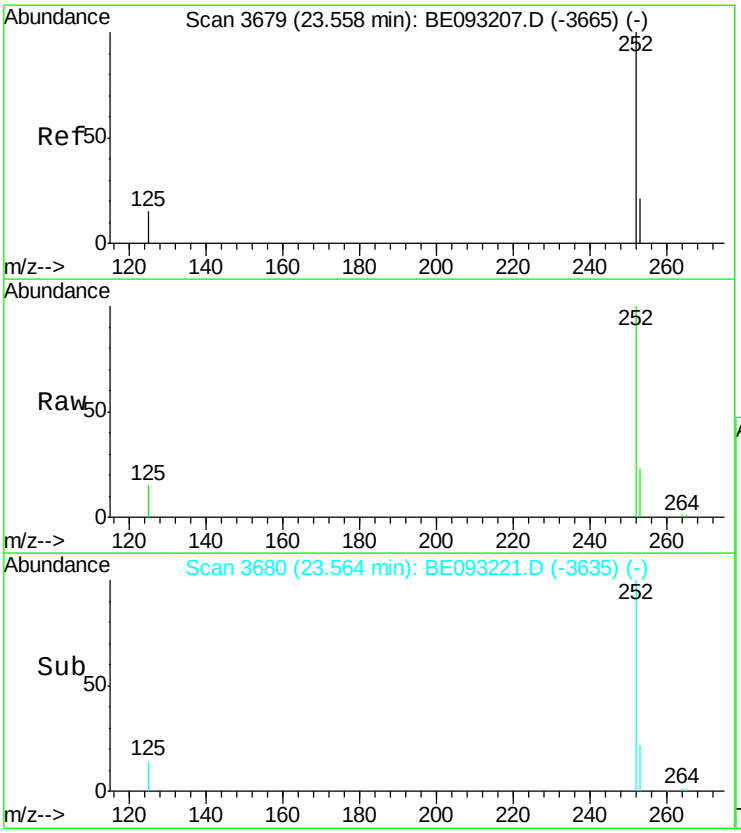
#22
Benzo(k)fluoranthene
Concen: 1.34 ng/ul
RT: 23.12 min Scan# 3582
Delta R.T. 0.14 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 89202

Ion	Ratio	Lower	Upper
252	100		
253	26.6	24.5	36.7
125	17.0	13.7	20.5

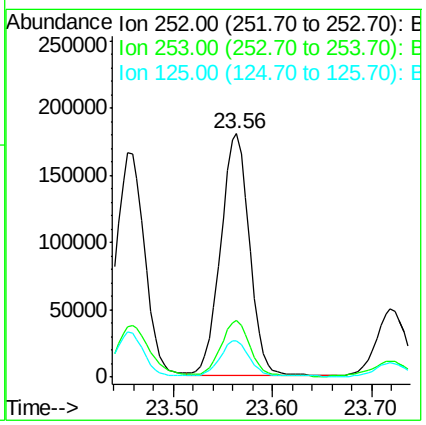


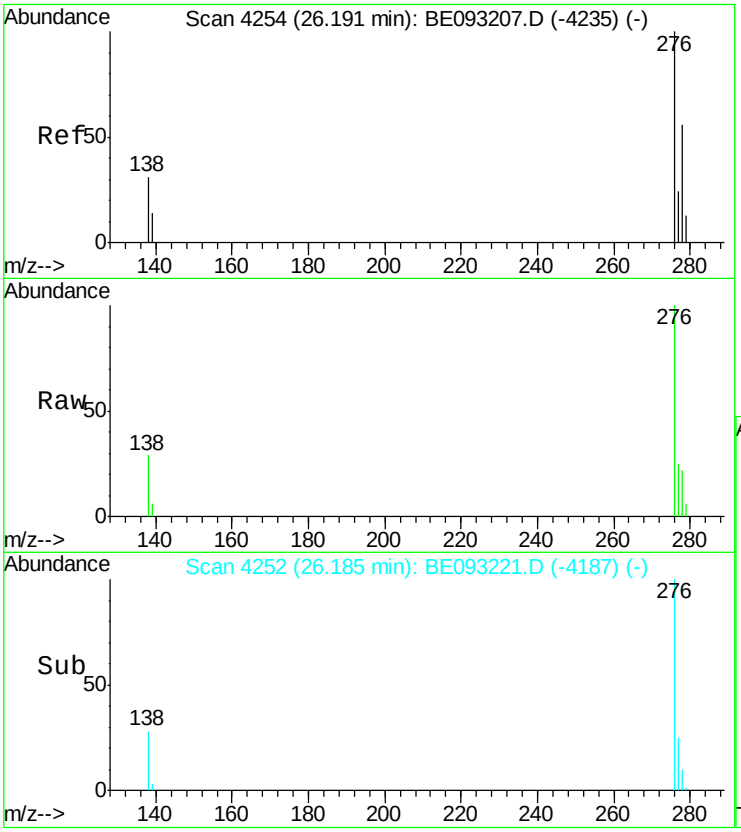


#23
Benzo(a)pyrene
Concen: 6.07 ng/ul
RT: 23.56 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Tgt Ion:252 Resp: 360103

Ion	Ratio	Lower	Upper
252	100		
253	23.2	28.5	42.7#
125	14.9	18.1	27.1#



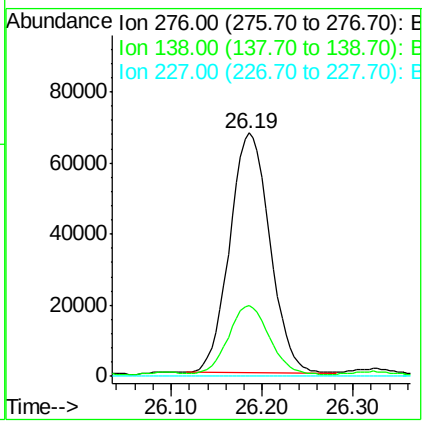


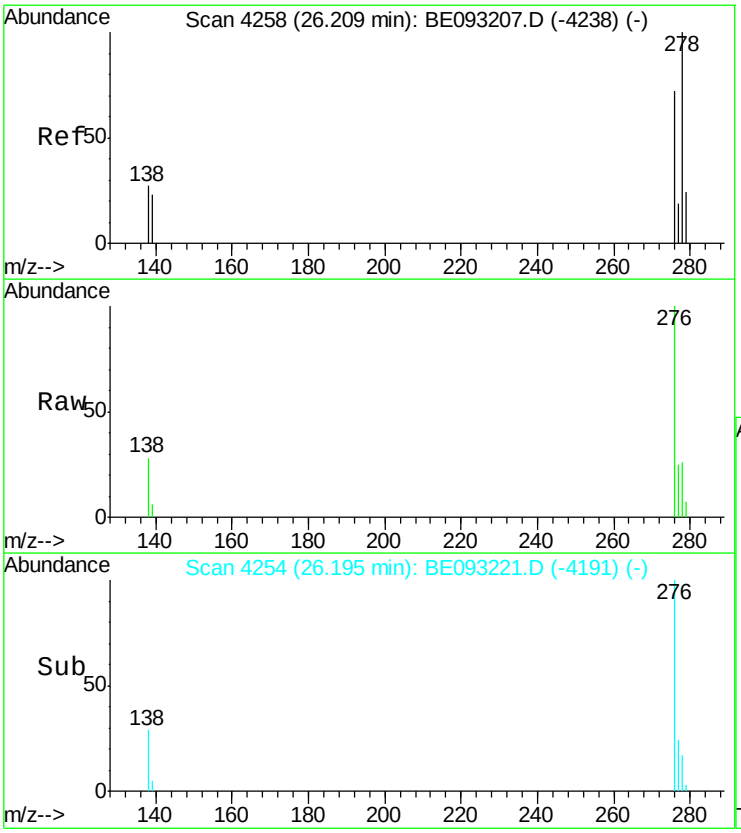
#24
Indeno(1,2,3-cd)pyrene
Concen: 3.03 ng/ul
RT: 26.19 min Scan# 4252
Delta R.T. -0.01 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 207759

Ion	Ratio	Lower	Upper
276	100		
138	29.4	28.0	42.0
227	0.0	8.0	12.0#

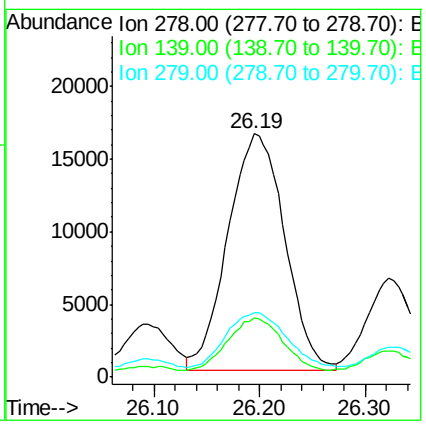


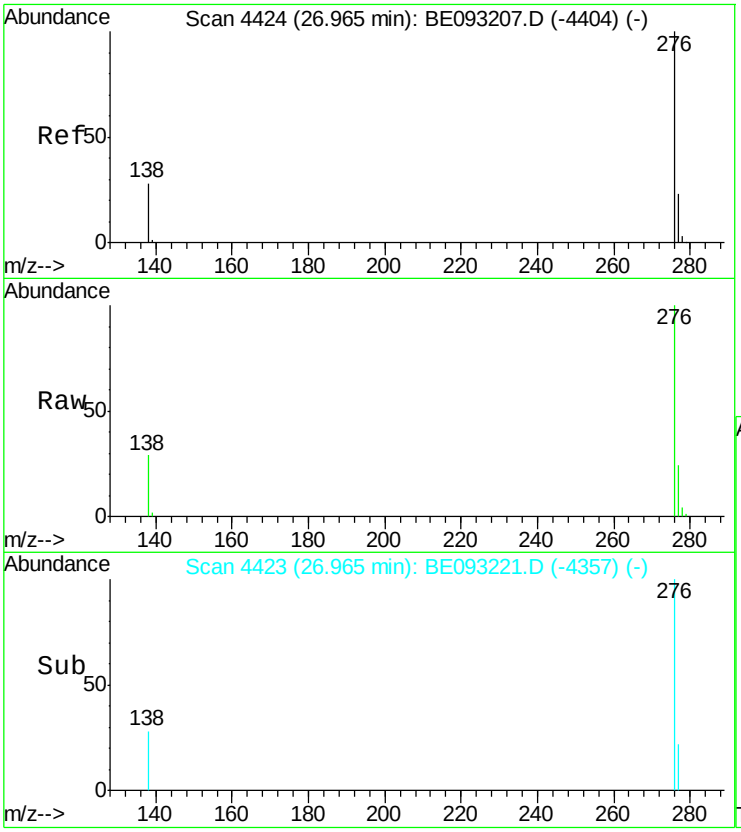


#25
Dibenzo(a,h)anthracene
Concen: 1.06 ng/ul
RT: 26.19 min Scan# 4254
Delta R.T. -0.01 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Tgt Ion:278 Resp: 61021

Ion	Ratio	Lower	Upper
278	100		
139	24.2	17.4	26.0
279	26.5	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 2.45 ng/ul
RT: 26.96 min Scan# 4423
Delta R.T. -0.00 min
Lab File: BE093221.D
Acq: 15 Jun 2017 23:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 144482

Ion	Ratio	Lower	Upper
276	100		
138	29.0	21.8	32.8
277	24.2	20.5	30.7