Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

Quantitation Report (Not Reviewed)

Data File : BE093345.D
Acq On : 23 Jun 2017 20:10
Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5D15

Quant Time: Jun 24 04:29:39 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 04:29:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1688	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8973	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5532	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13565	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13113	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	877860	0.40	ng/ul	-0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	2204	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	12248	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	3343	0.15	ng/ul#	96
5) 2-Methylnaphthalene	12.18	142	1626	0.11	ng/ul	100
7) Acenaphthylene	14.08	152	93297	3.93	ng/ul	96
8) Acenaphthene	14.42	153	5518	0.29	ng/ul	98
9) Fluorene	15.41	166	12953	0.58	ng/ul	92
11) Pentachlorophenol	16.76	266	79	0.04	ng/ul	90
12) Phenanthrene	17.14	178	439620	11.78	ng/ul#	90
13) Anthracene	17.22	178	134685	4.14	ng/ul#	91
15) Fluoranthene	19.15	202	1881599	41.11	ng/ul	84
17) Pyrene	19.52	202	1876769	48.53	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	1124315	32.14	ng/ul#	84
19) Chrysene	21.30	228	1155390	31.84	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	1486772	0.56	ng/ul	88
22) Benzo(k)fluoranthene	22.94	252	1972418	0.70	ng/ul#	90
23) Benzo(a)pyrene	23.46	252	782148	0.31	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.92	276	102371	0.04	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.11	278	42224	0.02	ng/ul	97
26) Benzo(g,h,i)perylene	26.98	276	595388	0.24	ng/ul	97

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

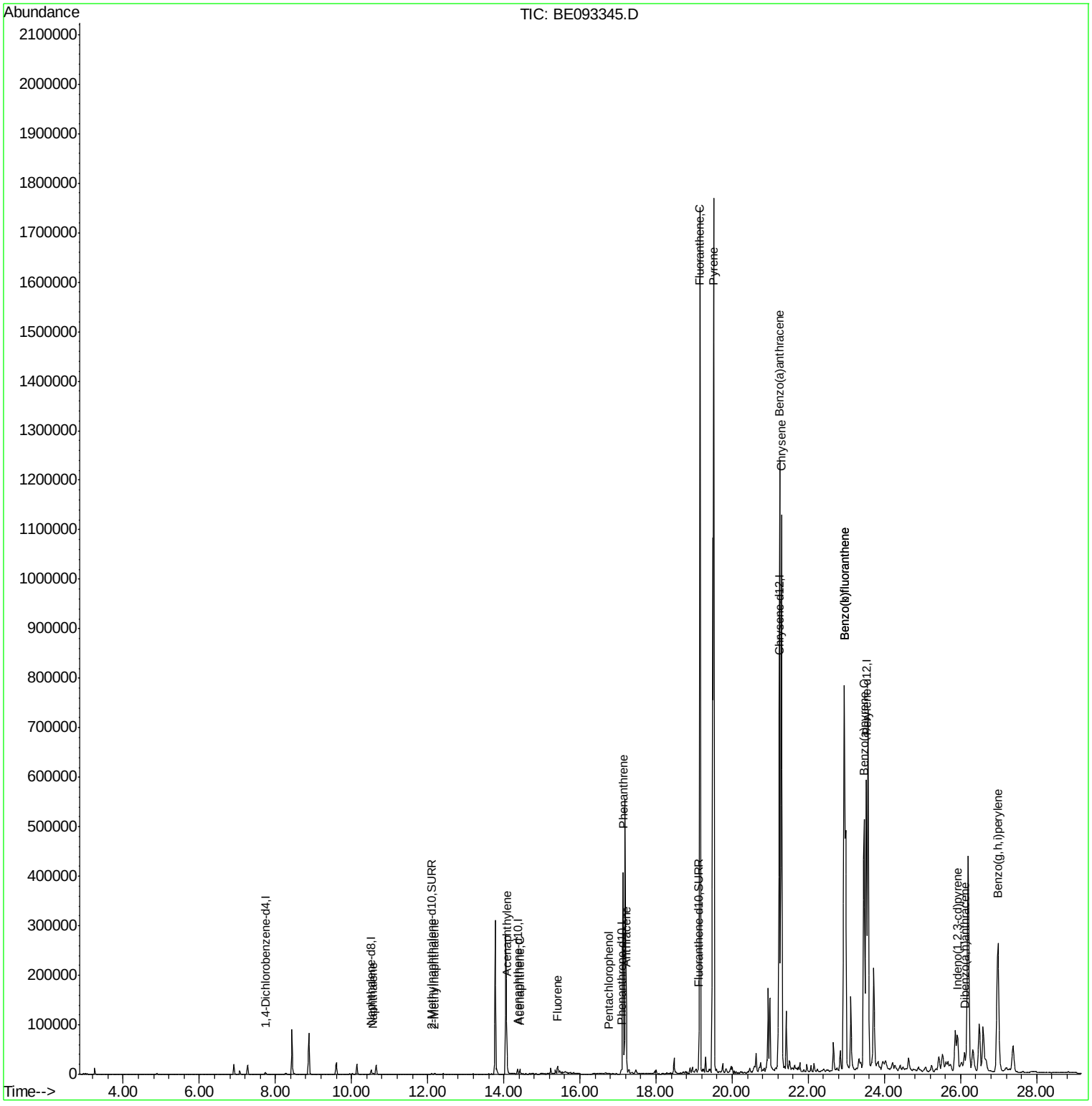
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

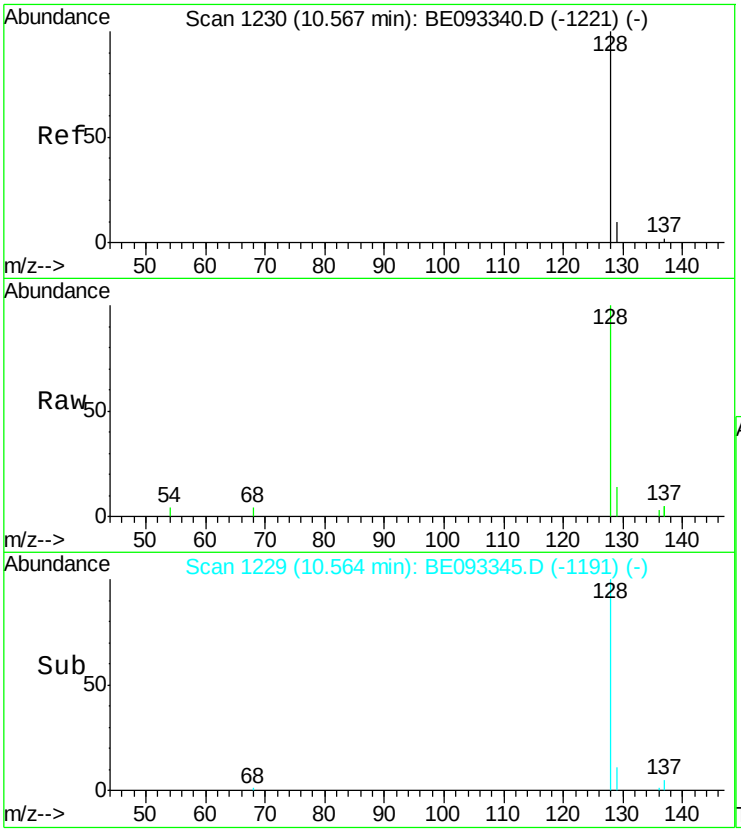
Quantitation Report (Not Reviewed)

Data File : BE093345.D
Acq On : 23 Jun 2017 20:10
Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5D15

Quant Time: Jun 24 04:29:39 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 04:29:07 2017
Response via : Initial Calibration



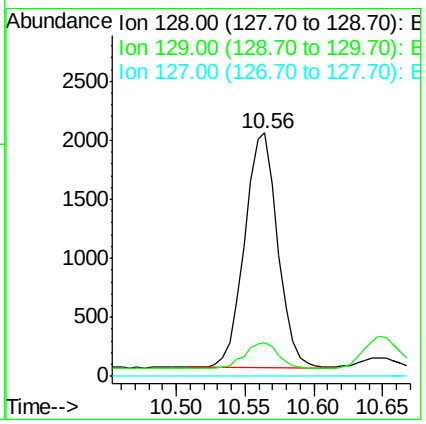


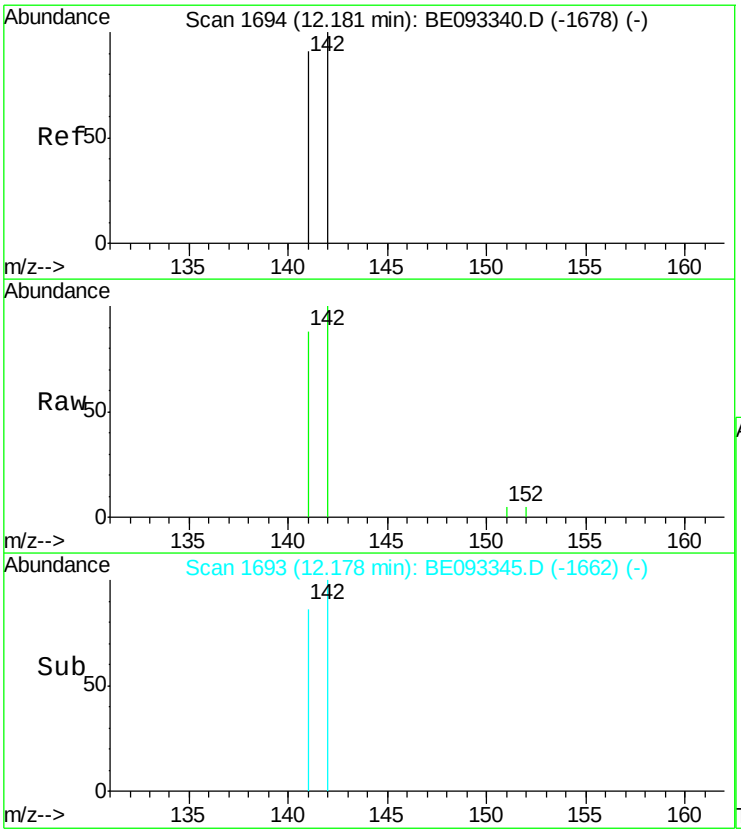
#3
Naphthalene
Concen: 0.15 ng/ul
RT: 10.56 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Instrument :
BNA_E
ClientSampleId :
F5D15

Tgt Ion:128 Resp: 3343

Ion	Ratio	Lower	Upper
128	100		
129	13.9	11.3	16.9
127	0.0	4.0	6.0#

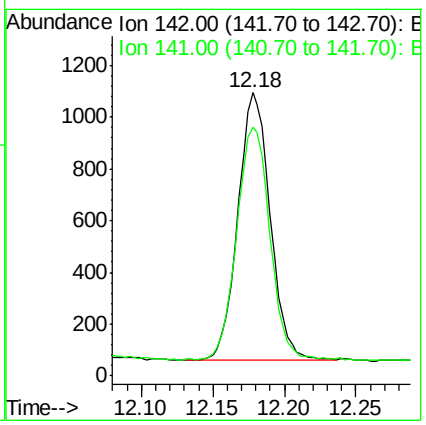


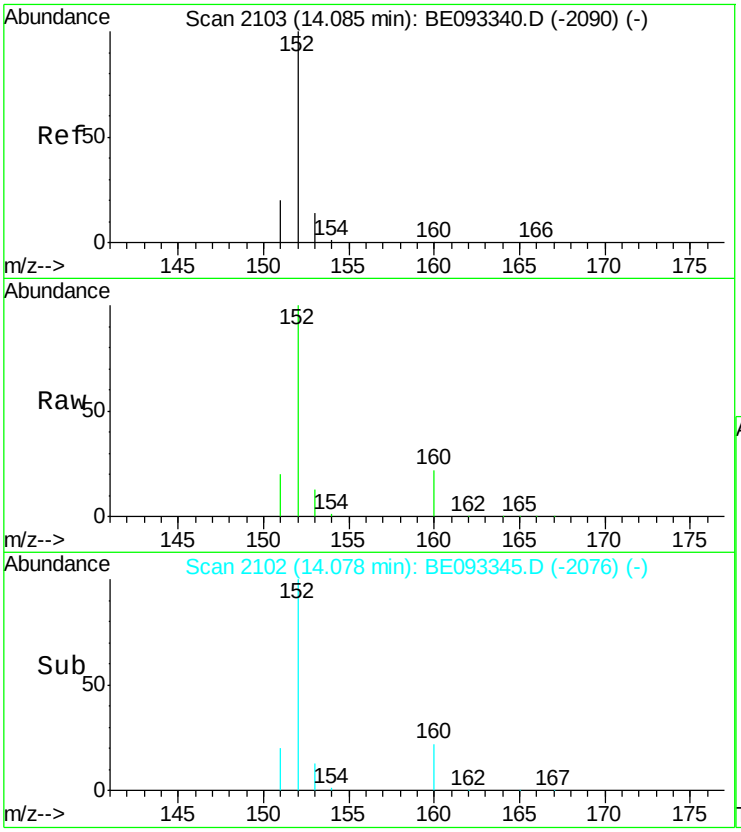


#5
2-Methylnaphthalene
Concen: 0.11 ng/ul
RT: 12.18 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Tgt Ion:142 Resp: 1626

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.6	108.8



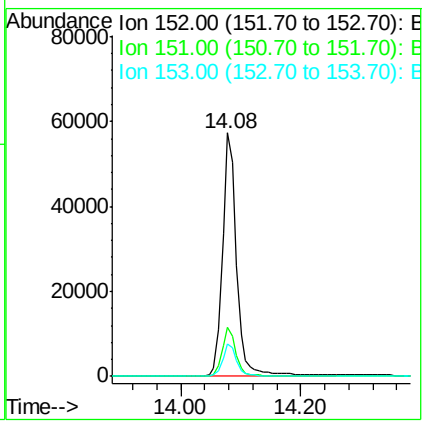


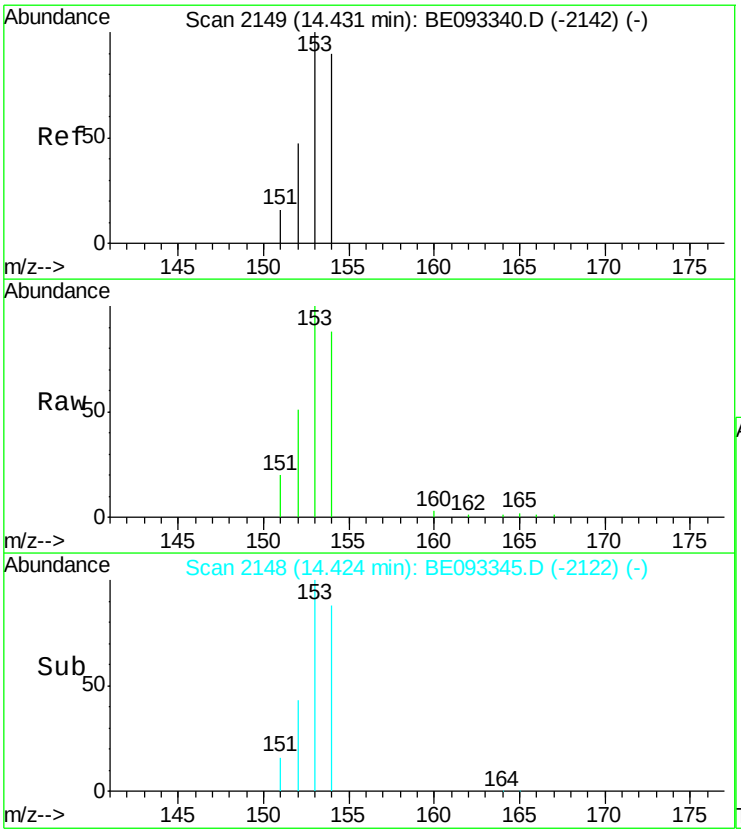
#7
Acenaphthylene
Concen: 3.93 ng/ul
RT: 14.08 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Instrument :
BNA_E
ClientSampleId :
F5D15

Tgt Ion:152 Resp: 93297

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.1	25.7
153	13.2	12.8	19.2

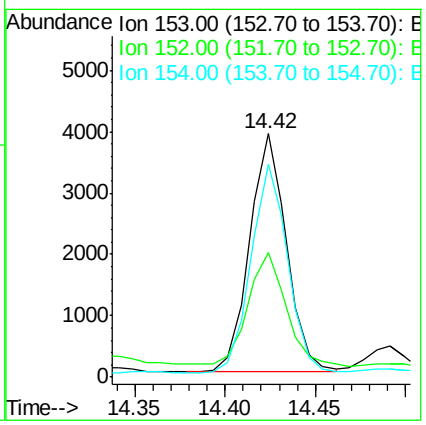


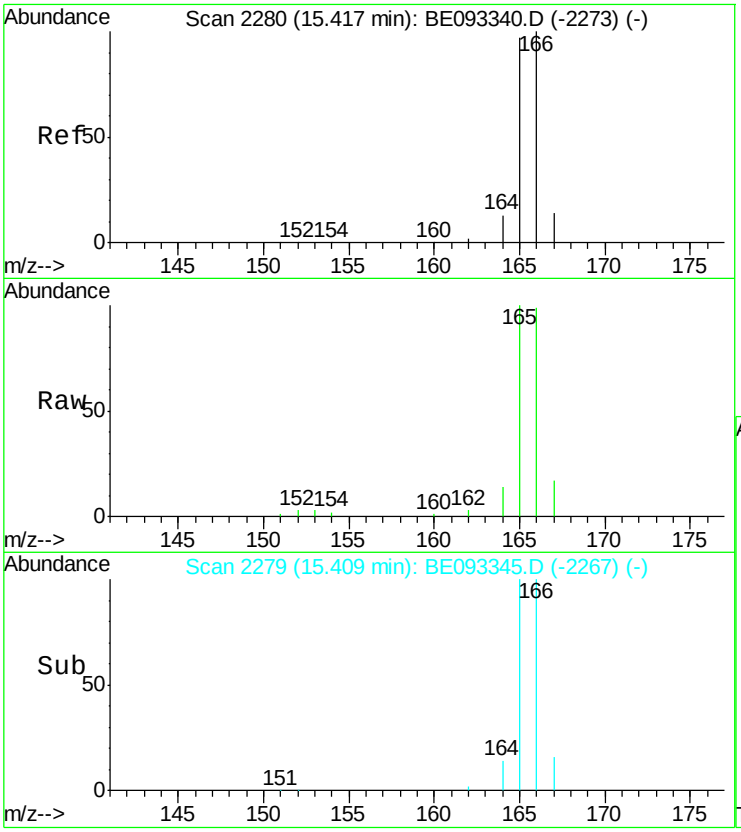


#8
Acenaphthene
Concen: 0.29 ng/ul
RT: 14.42 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Tgt Ion:153 Resp: 5518

Ion	Ratio	Lower	Upper
153	100		
152	51.2	40.3	60.5
154	87.6	71.4	107.2



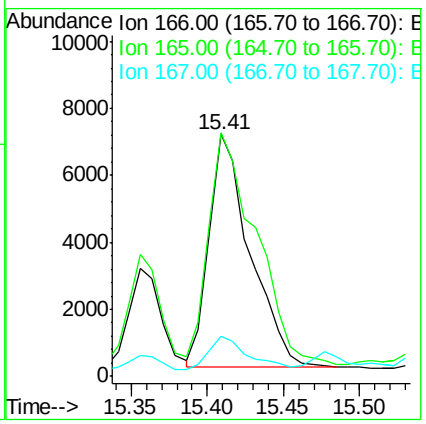


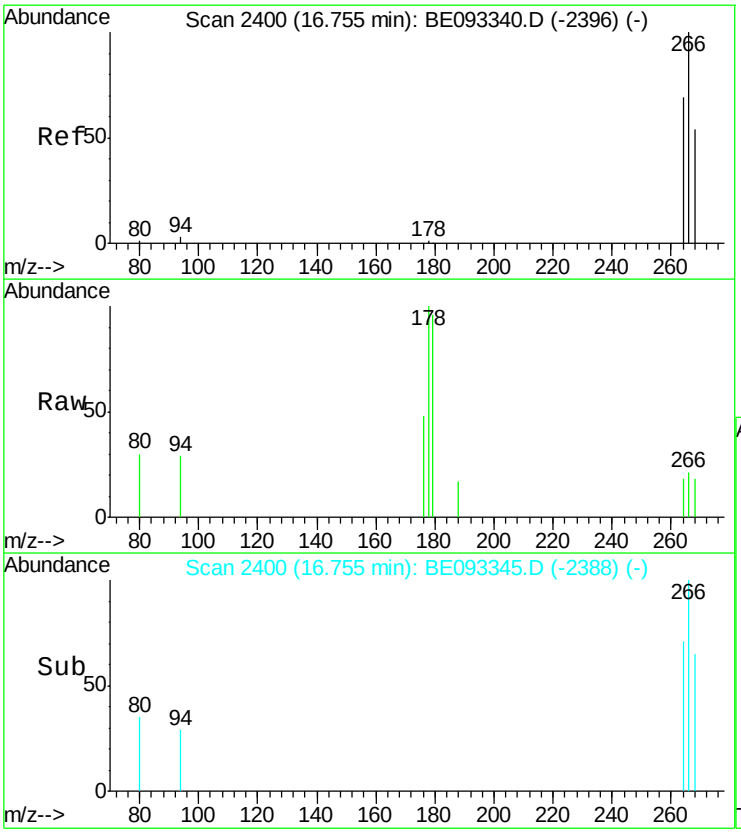
#9
Fluorene
Concen: 0.58 ng/ul
RT: 15.41 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Instrument :
BNA_E
ClientSampleId :
F5D15

Tgt Ion:166 Resp: 12953

Ion	Ratio	Lower	Upper
166	100		
165	100.6	73.4	110.2
167	16.8	14.6	22.0

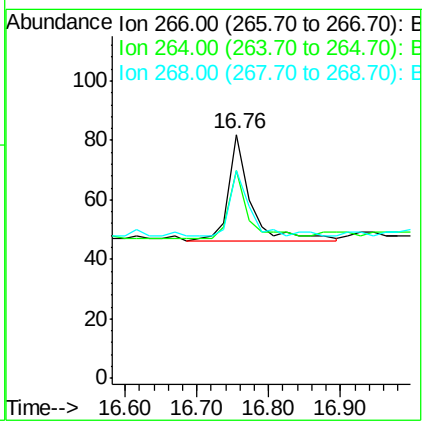


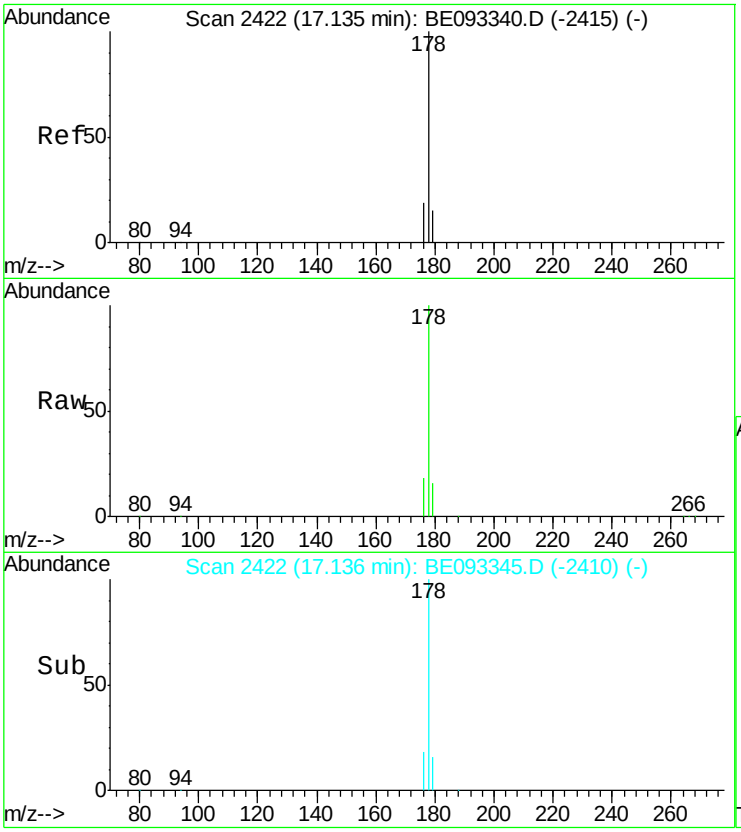


#11
Pentachlorophenol
Concen: 0.04 ng/ul
RT: 16.76 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Tgt Ion:266 Resp: 79

Ion	Ratio	Lower	Upper
266	100		
264	54.4	47.9	71.9
268	51.9	49.8	74.8



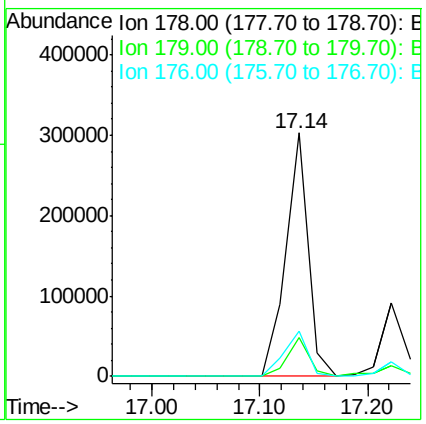


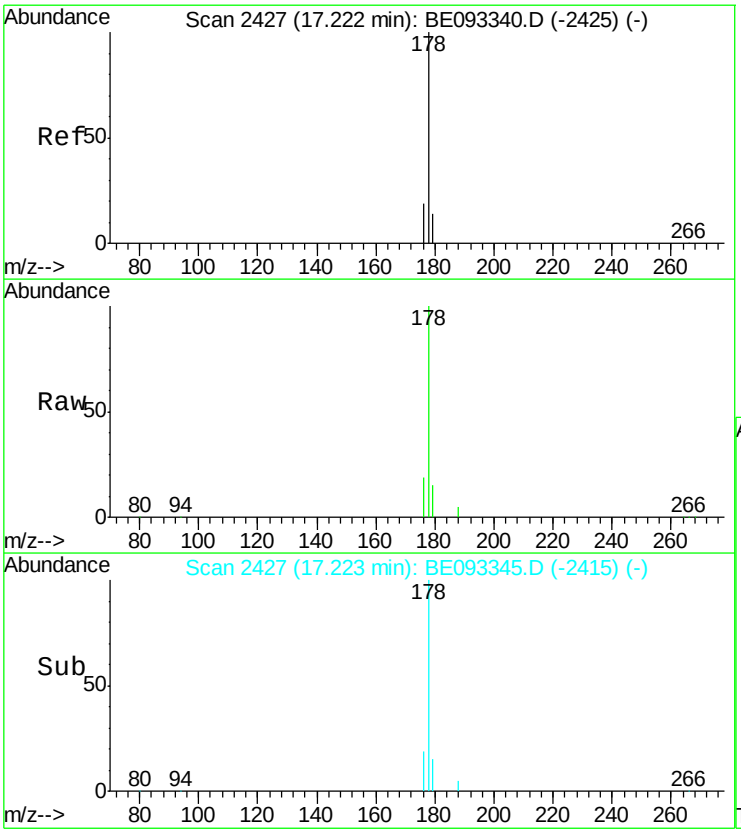
#12
Phenanthrene
Concen: 11.78 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Instrument :
BNA_E
ClientSampleId :
F5D15

Tgt Ion:178 Resp: 439620

Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.4	27.6#
176	18.4	13.6	20.4

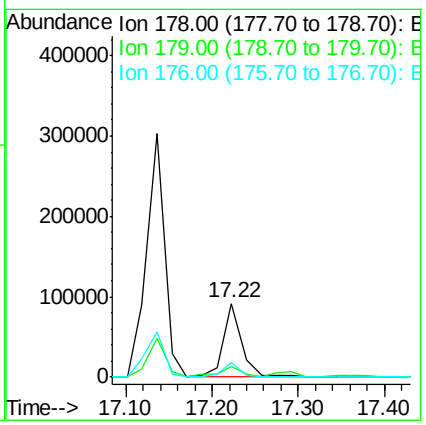


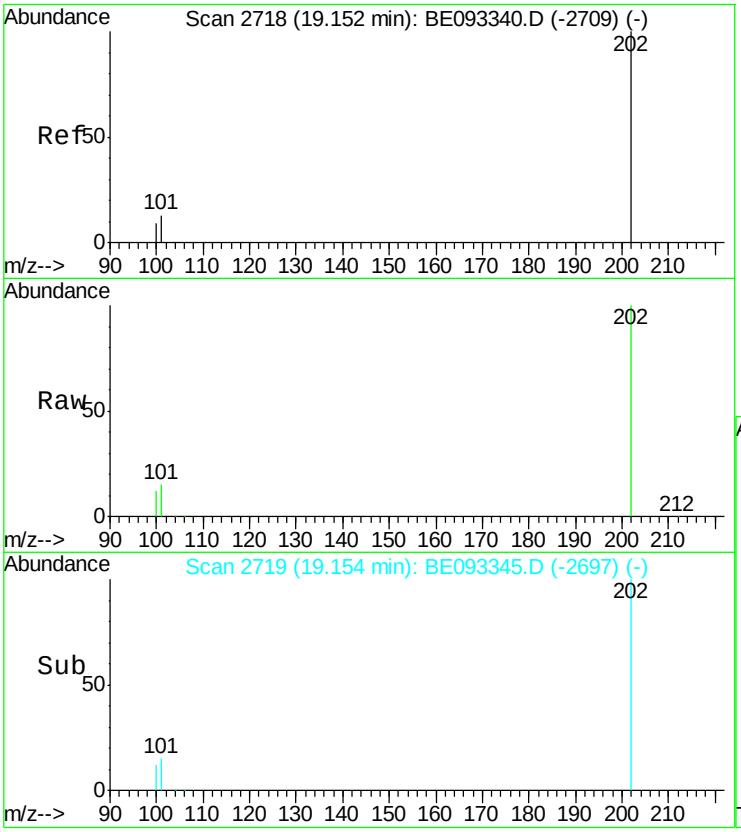


#13
Anthracene
Concen: 4.14 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Tgt Ion:178 Resp: 134685

Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.1	27.1#
176	18.9	14.7	22.1



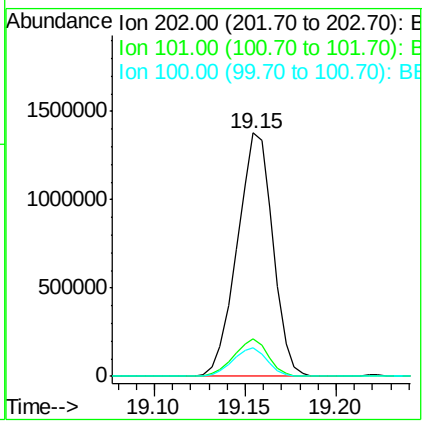


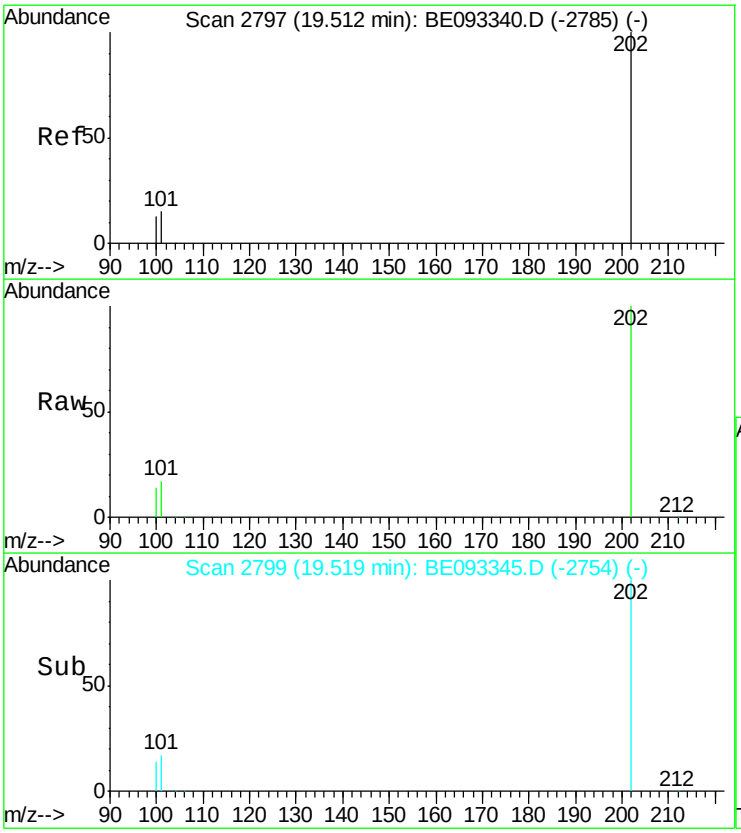
#15
Fluoranthene
Concen: 41.11 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Instrument :
BNA_E
ClientSampleId :
F5D15

Tgt Ion:202 Resp: 1881599

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	30.3
100	11.7	0.0	39.5

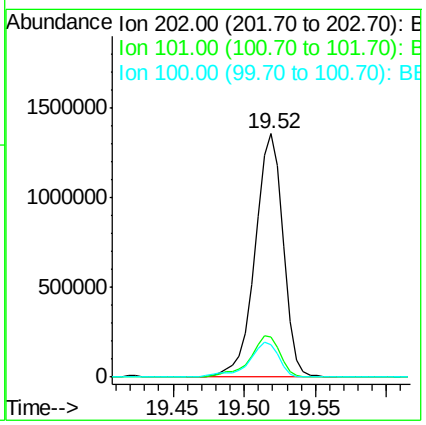


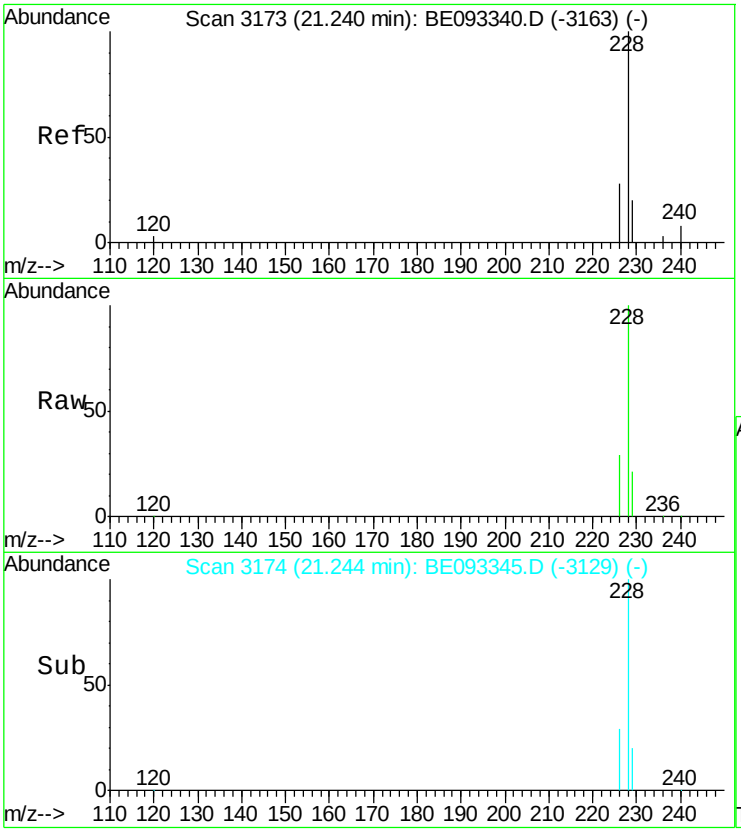


#17
Pyrene
Concen: 48.53 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Tgt Ion:202 Resp: 1876769

Ion	Ratio	Lower	Upper
202	100		
101	16.5	18.2	27.4#
100	13.5	15.6	23.4#



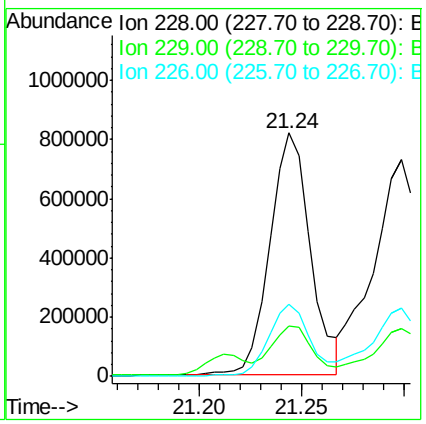


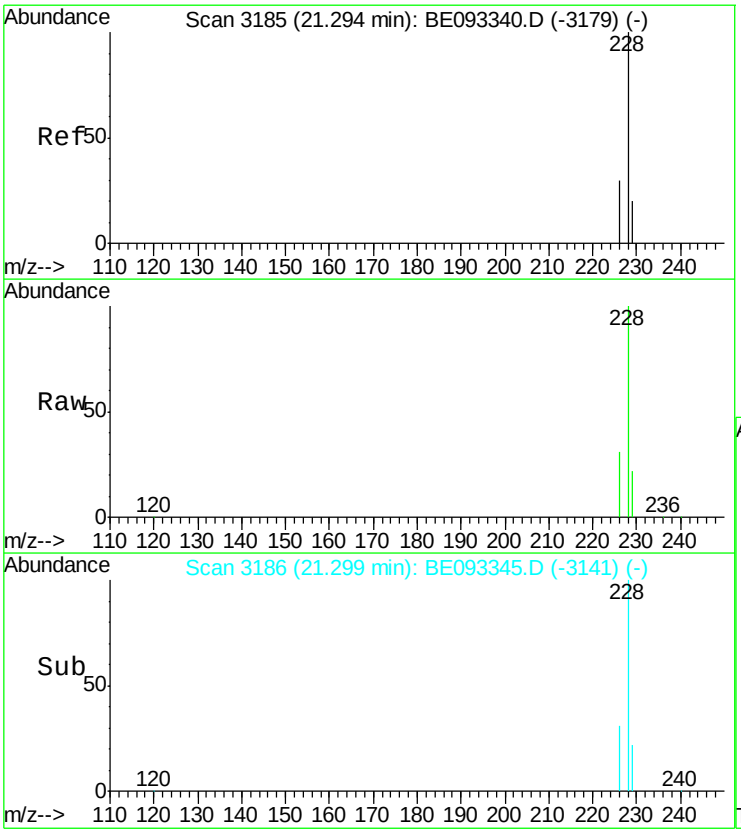
#18
Benzo(a)anthracene
Concen: 32.14 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Instrument :
BNA_E
ClientSampleId :
F5D15

Tgt Ion:228 Resp: 1124315

Ion	Ratio	Lower	Upper
228	100		
229	20.9	22.8	34.2#
226	29.4	17.0	25.6#

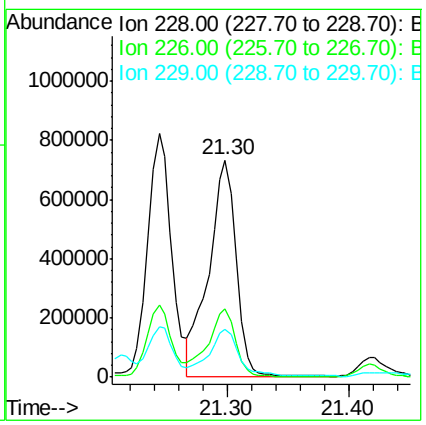


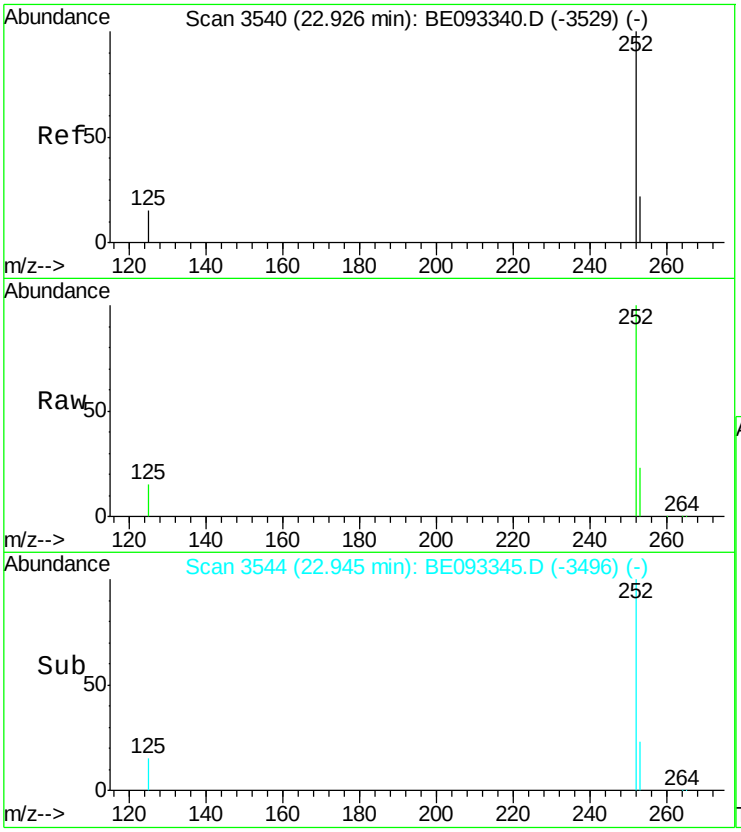


#19
Chrysene
Concen: 31.84 ng/ul
RT: 21.30 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Tgt Ion:228 Resp: 1155390

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.0
229	22.3	17.7	26.5



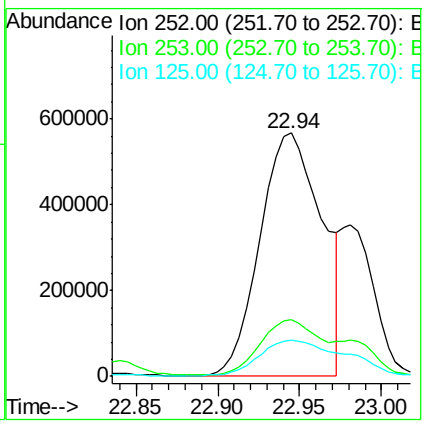


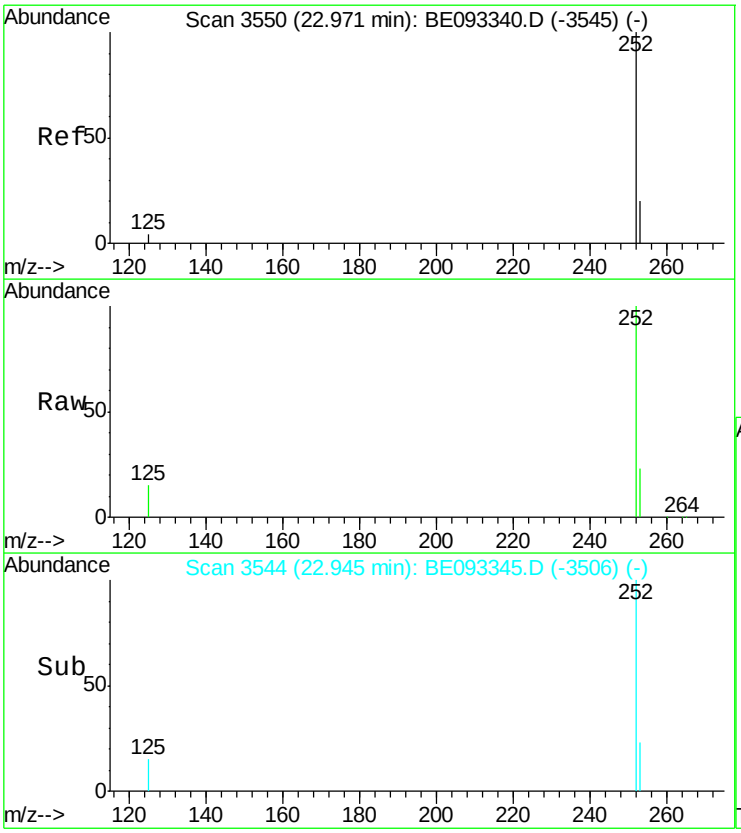
#21
Benzo(b)fluoranthene
Concen: 0.56 ng/ul
RT: 22.94 min Scan# 3544
Delta R.T. 0.02 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Instrument :
BNA_E
ClientSampleId :
F5D15

Tgt Ion:252 Resp: 1486772

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	64.2
125	15.1	0.0	35.0

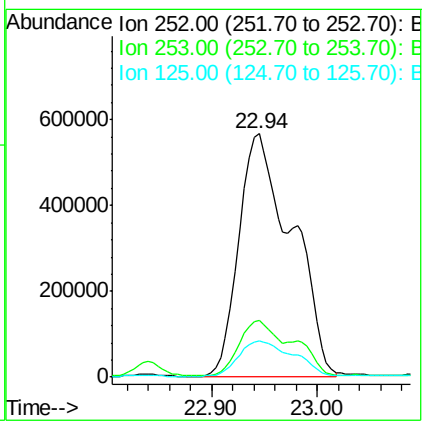


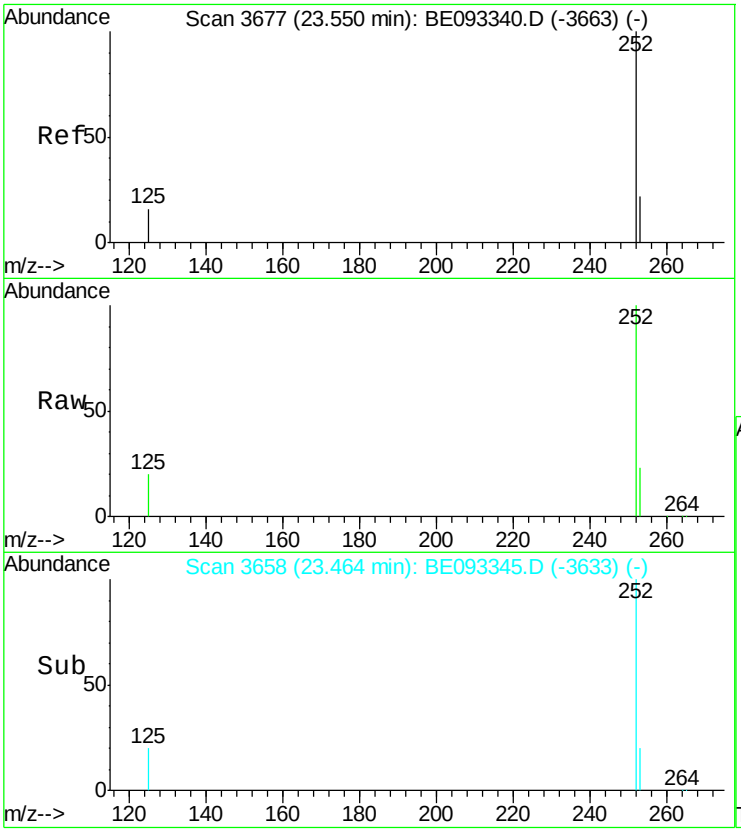


#22
Benzo(k)fluoranthene
Concen: 0.70 ng/ul
RT: 22.94 min Scan# 3544
Delta R.T. -0.03 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Tgt Ion:252 Resp: 1972418

Ion	Ratio	Lower	Upper
252	100		
253	23.1	24.5	36.7#
125	15.1	13.7	20.5



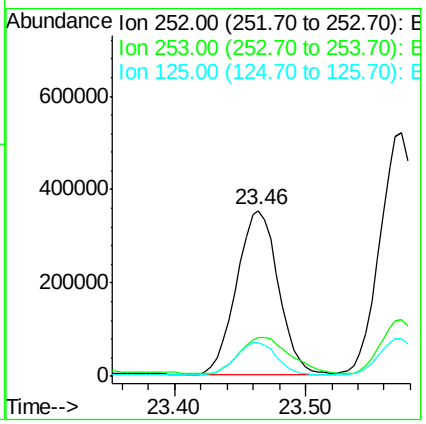


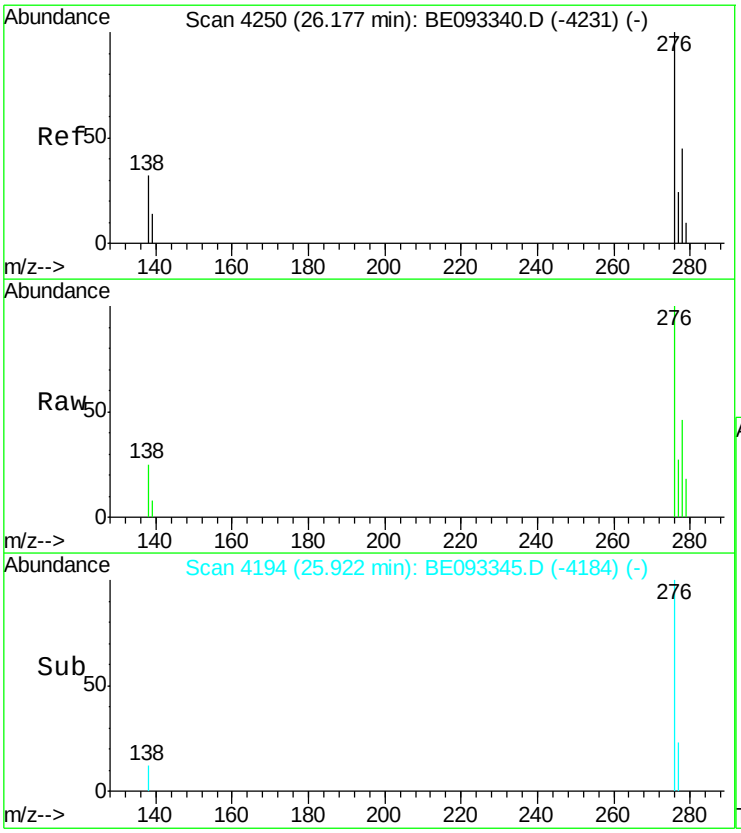
#23
Benzo(a)pyrene
Concen: 0.31 ng/ul
RT: 23.46 min Scan# 3658
Delta R.T. -0.09 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Instrument :
BNA_E
ClientSampleId :
F5D15

Tgt Ion:252 Resp: 782148

Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	20.4	18.1	27.1

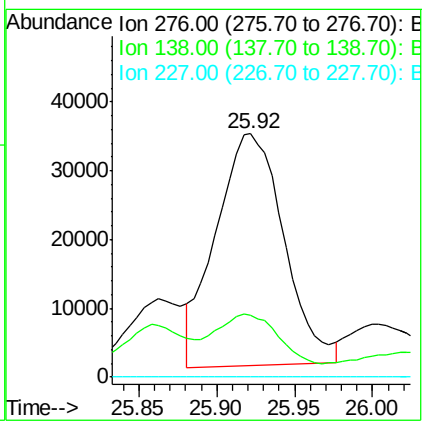


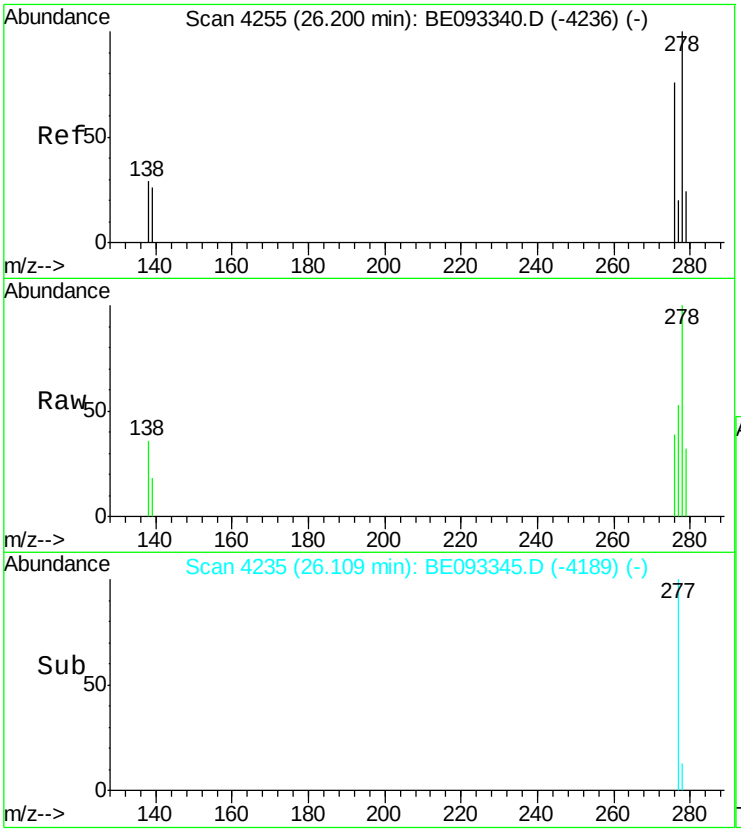


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng/ul
RT: 25.92 min Scan# 4194
Delta R.T. -0.26 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Tgt Ion:276 Resp: 102371

Ion	Ratio	Lower	Upper
276	100		
138	21.6	28.0	42.0#
227	0.0	8.0	12.0#



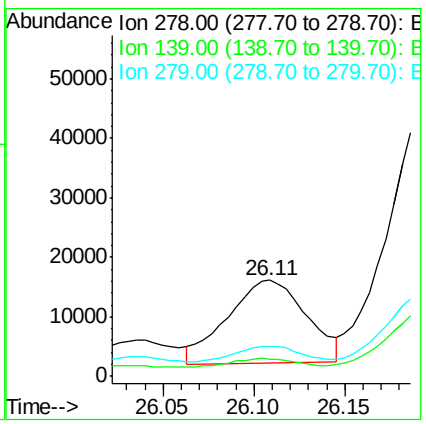


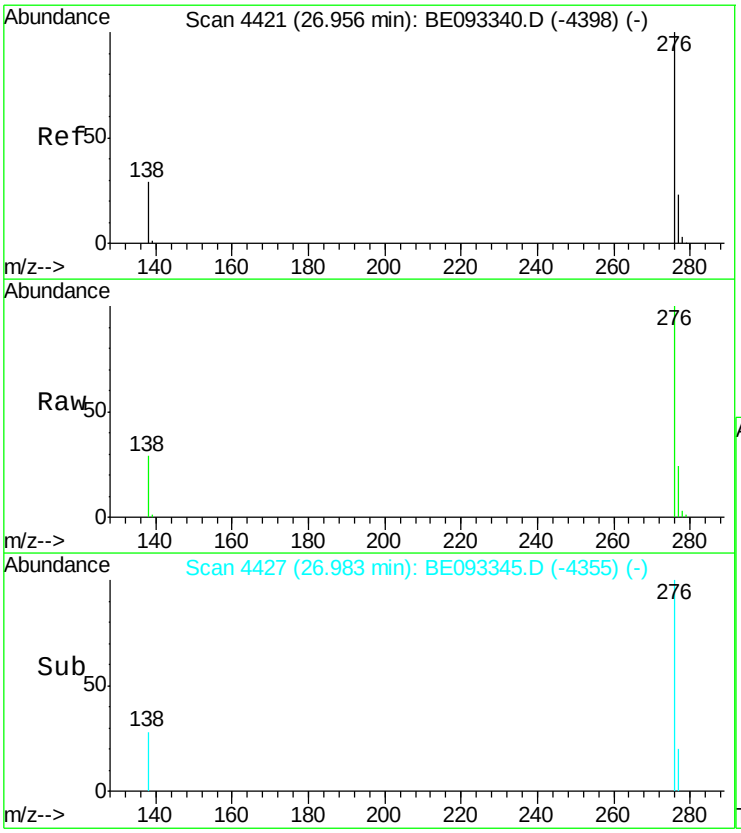
#25
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 26.11 min Scan# 4235
Delta R.T. -0.09 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Instrument :
BNA_E
ClientSampleId :
F5D15

Tgt Ion:278 Resp: 42224

Ion	Ratio	Lower	Upper
278	100		
139	18.3	17.4	26.0
279	31.8	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.24 ng/ul
RT: 26.98 min Scan# 4427
Delta R.T. 0.03 min
Lab File: BE093345.D
Acq: 23 Jun 2017 20:10

Tgt Ion:276 Resp: 595388

Ion	Ratio	Lower	Upper
276	100		
138	29.4	21.8	32.8
277	24.3	20.5	30.7