Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Not Reviewed)

Data File : BE093189.D
Acq On : 15 Jun 2017 3:07
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5C36

Quant Time: Jun 15 04:01:42 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	4137	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	21388	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12986	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	31453	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	27483	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	1102356	0.40	ng/ul	-0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	7194	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	17584	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	18222	0.34	ng/ul#	92
5) 2-Methylnaphthalene	12.19	142	4275	0.12	ng/ul	98
7) Acenaphthylene	14.08	152	73549	1.32	ng/ul	96
8) Acenaphthene	14.43	153	3847	0.09	ng/ul	97
9) Fluorene	15.42	166	3633	0.07	ng/ul#	87
11) Pentachlorophenol	16.81	266	315	0.07	ng/ul#	20
12) Phenanthrene	17.24	178	78300	0.90	ng/ul	95
13) Anthracene	17.24	178	86108	1.14	ng/ul	96
15) Fluoranthene	19.16	202	1007884	9.50	ng/ul	84
17) Pyrene	19.52	202	1044342	12.89	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	504479	6.88	ng/ul#	84
19) Chrysene	21.30	228	637553	8.38	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	998157	0.30	ng/ul	88
22) Benzo(k)fluoranthene	22.94	252	1326610	0.37	ng/ul#	89
23) Benzo(a)pyrene	23.46	252	444116	0.14	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.92	276	60175	0.02	ng/ul#	69
26) Benzo(g,h,i)perylene	26.97	276	245871	0.08	ng/ul	96

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

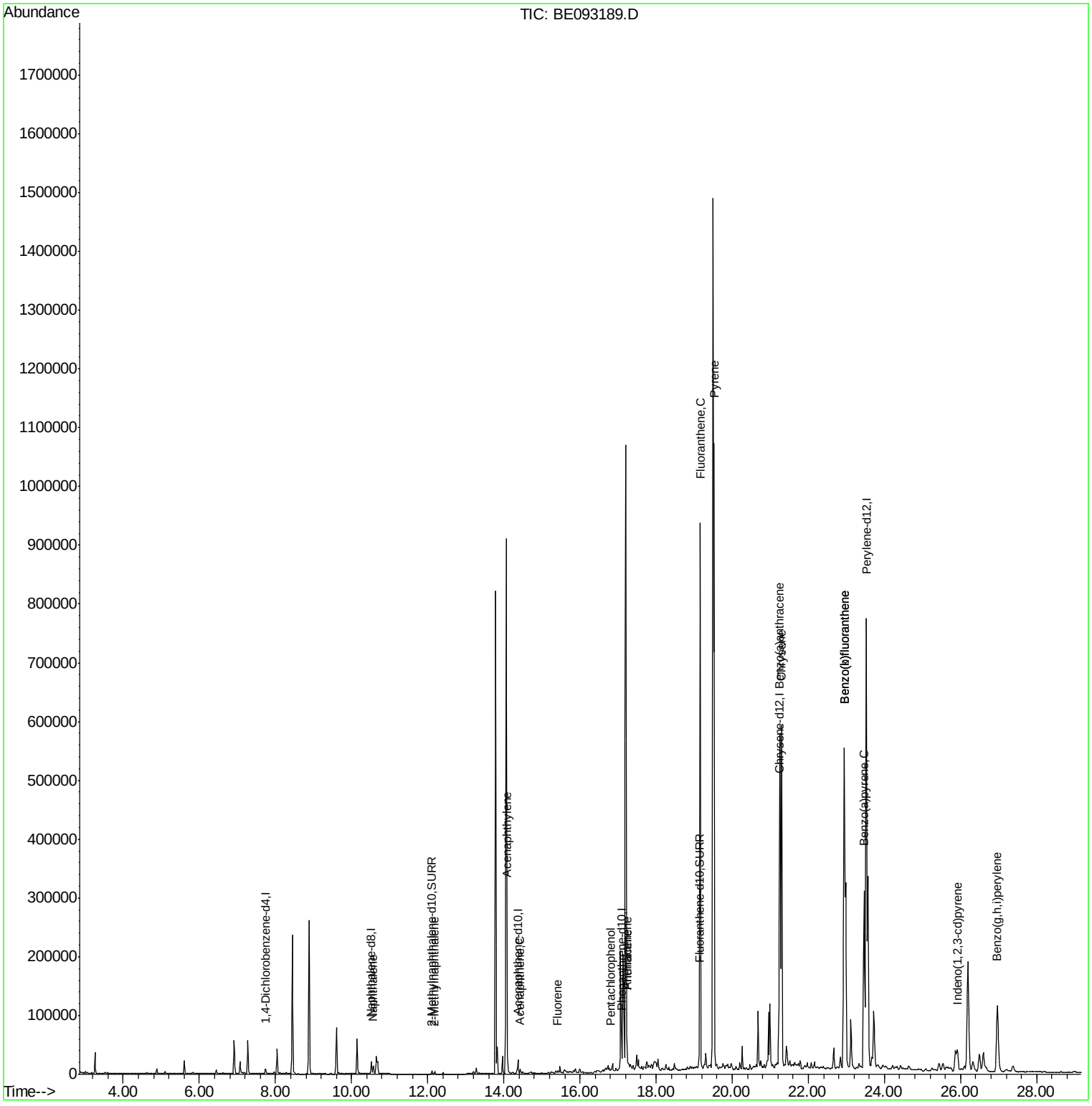
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

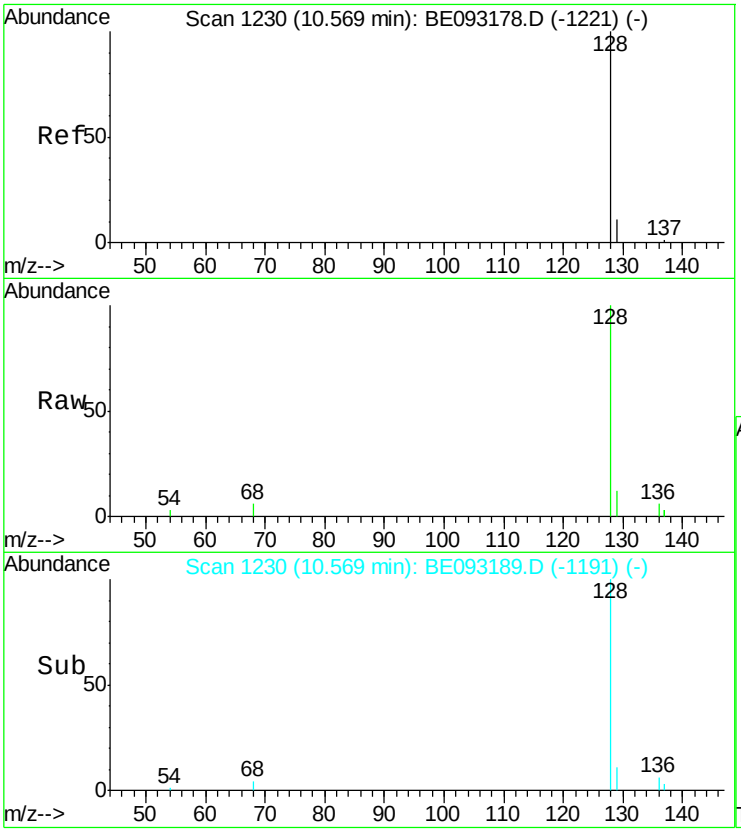
Quantitation Report (Not Reviewed)

Data File : BE093189.D
Acq On : 15 Jun 2017 3:07
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C36

Quant Time: Jun 15 04:01:42 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration



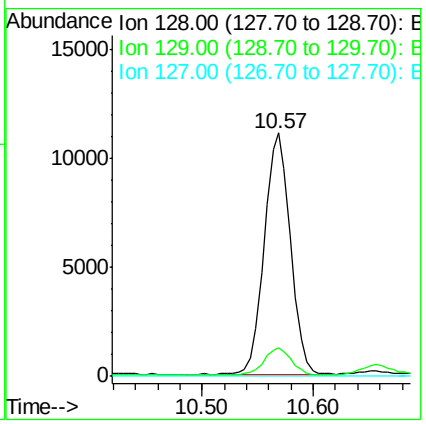


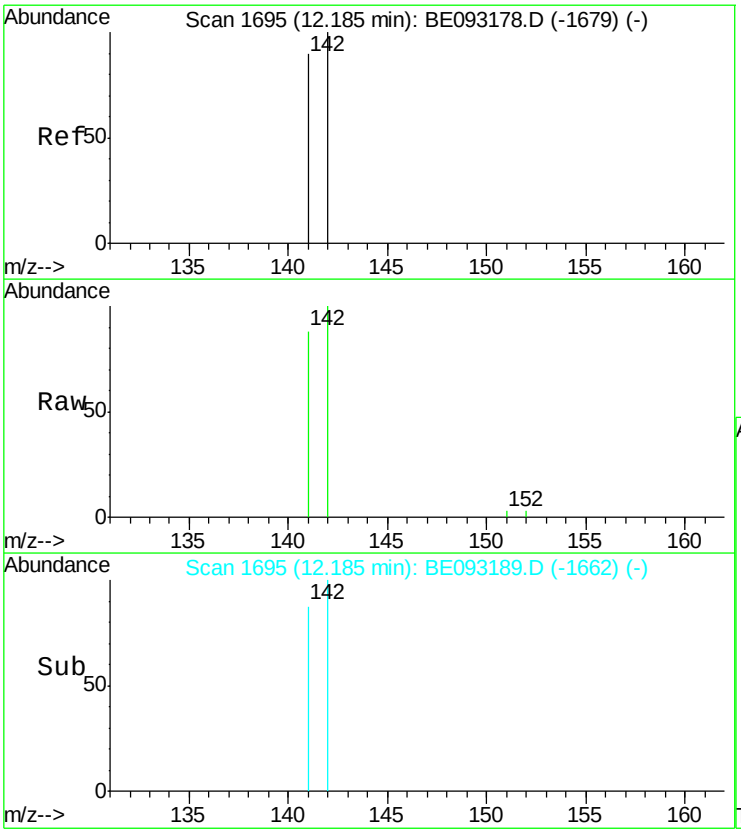
#3
Naphthalene
Concen: 0.34 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Instrument :
BNA_E
ClientSampleId :
F5C36

Tgt Ion:128 Resp: 18222

Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.3	16.9
127	0.0	4.0	6.0#

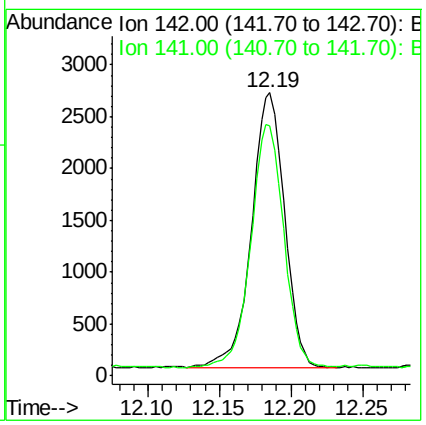


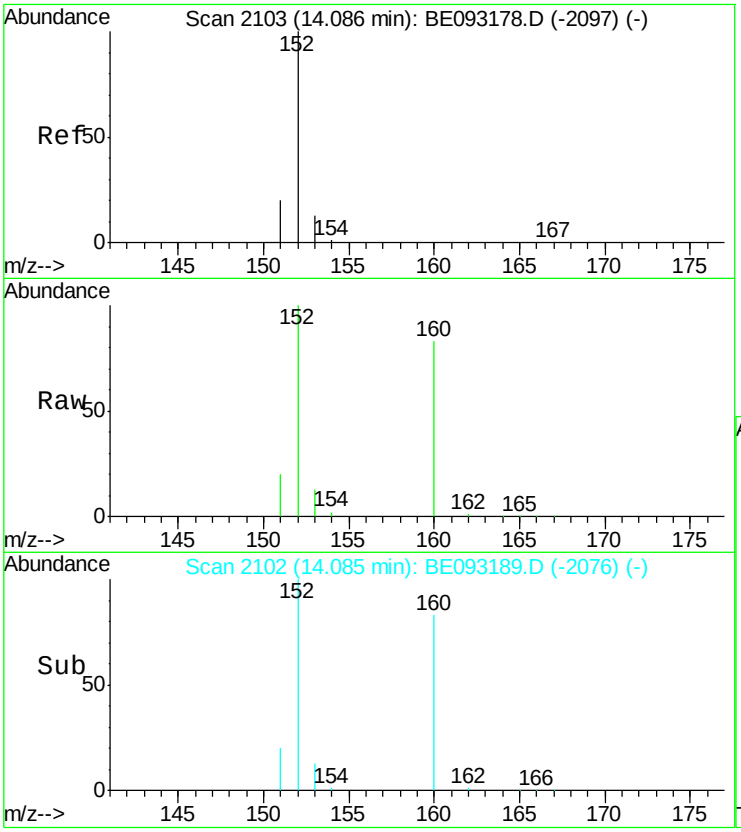


#5
2-Methylnaphthalene
Concen: 0.12 ng/ul
RT: 12.19 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:142 Resp: 4275

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8



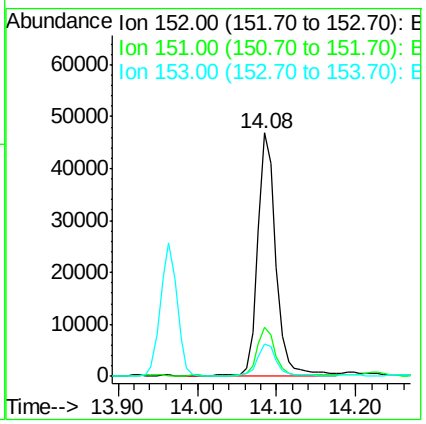


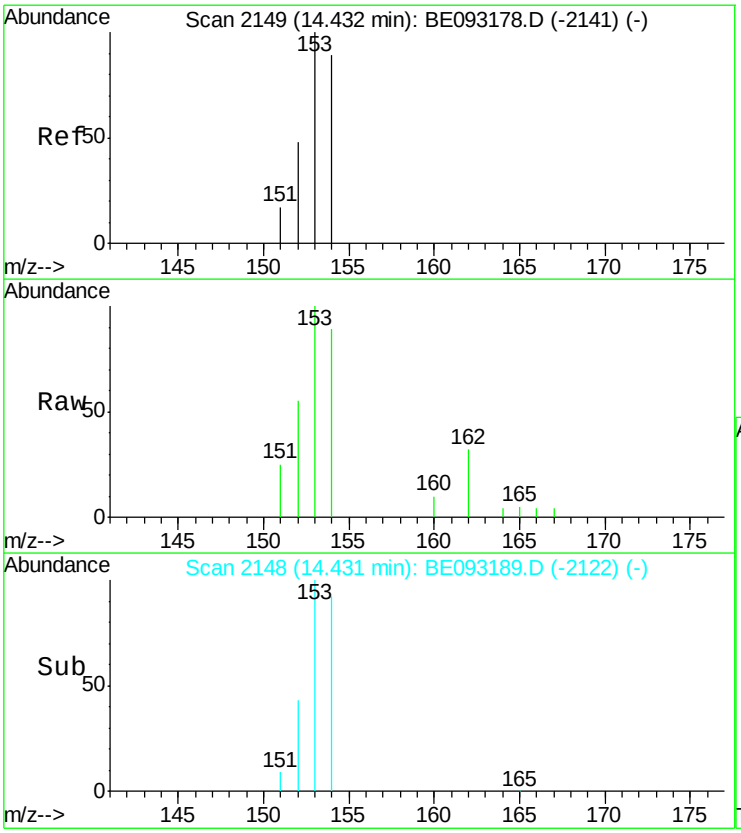
#7
Acenaphthylene
Concen: 1.32 ng/ul
RT: 14.08 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Instrument :
BNA_E
ClientSampleId :
F5C36

Tgt Ion:152 Resp: 73549

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

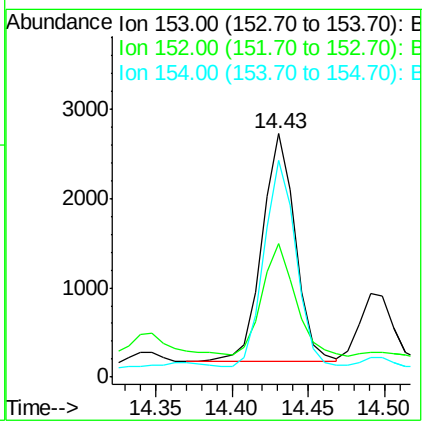


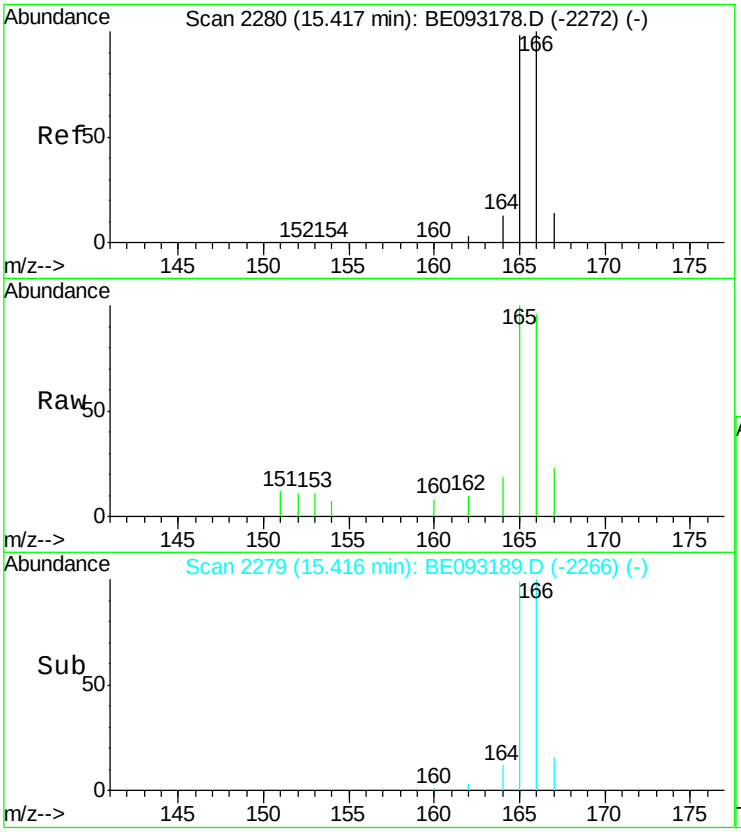


#8
Acenaphthene
Concen: 0.09 ng/ul
RT: 14.43 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:153 Resp: 3847

Ion	Ratio	Lower	Upper
153	100		
152	55.0	40.3	60.5
154	88.9	71.4	107.2



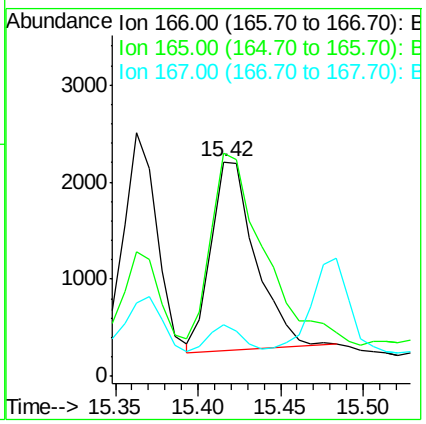


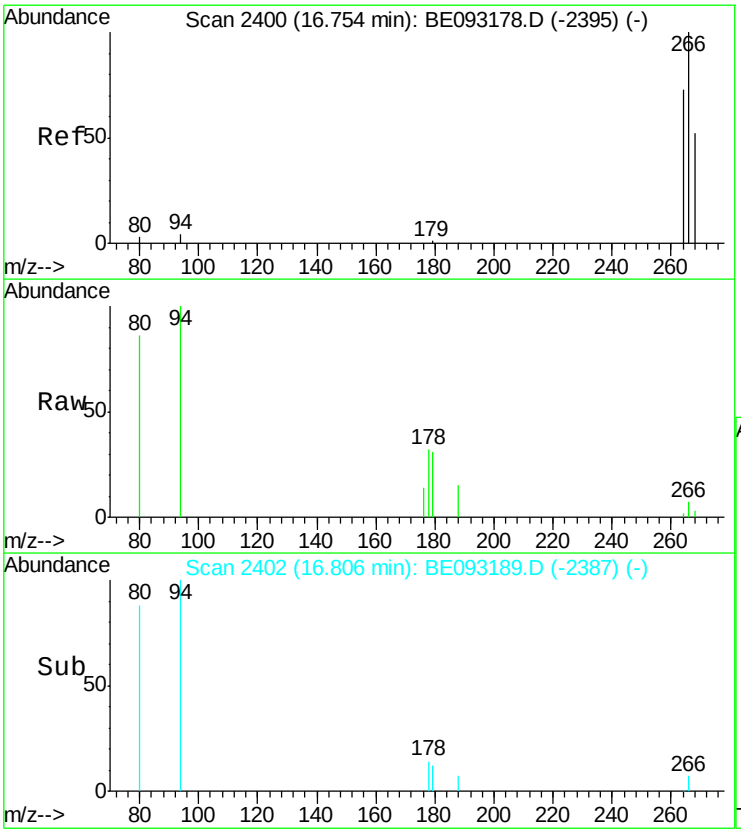
#9
Fluorene
Concen: 0.07 ng/ul
RT: 15.42 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Instrument :
BNA_E
ClientSampleId :
F5C36

Tgt Ion:166 Resp: 3633

Ion	Ratio	Lower	Upper
166	100		
165	103.8	73.4	110.2
167	24.0	14.6	22.0#

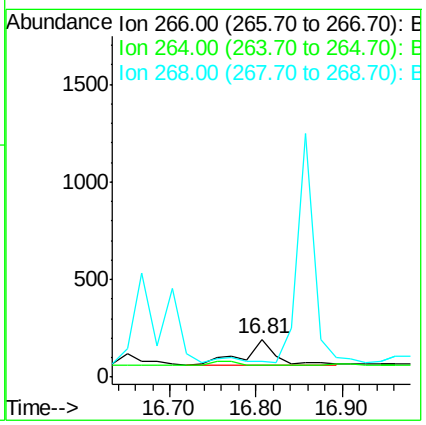


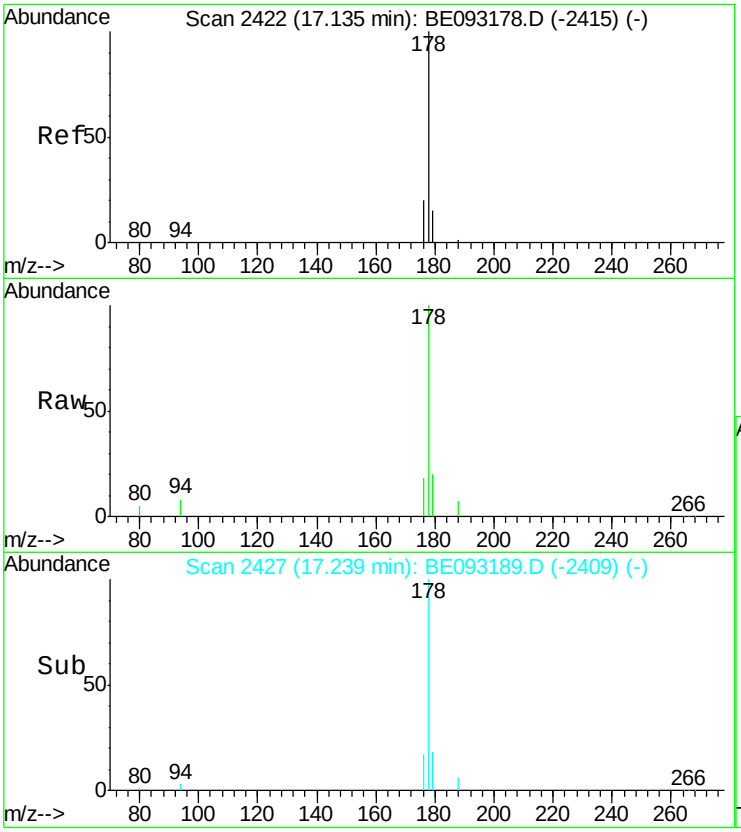


#11
Pentachlorophenol
Concen: 0.07 ng/ul
RT: 16.81 min Scan# 2402
Delta R.T. 0.05 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:266 Resp: 315

Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9#
268	0.0	49.8	74.8#



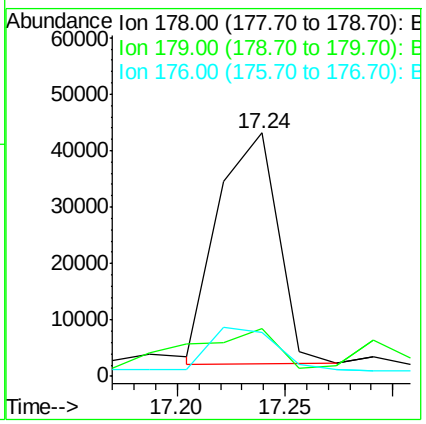


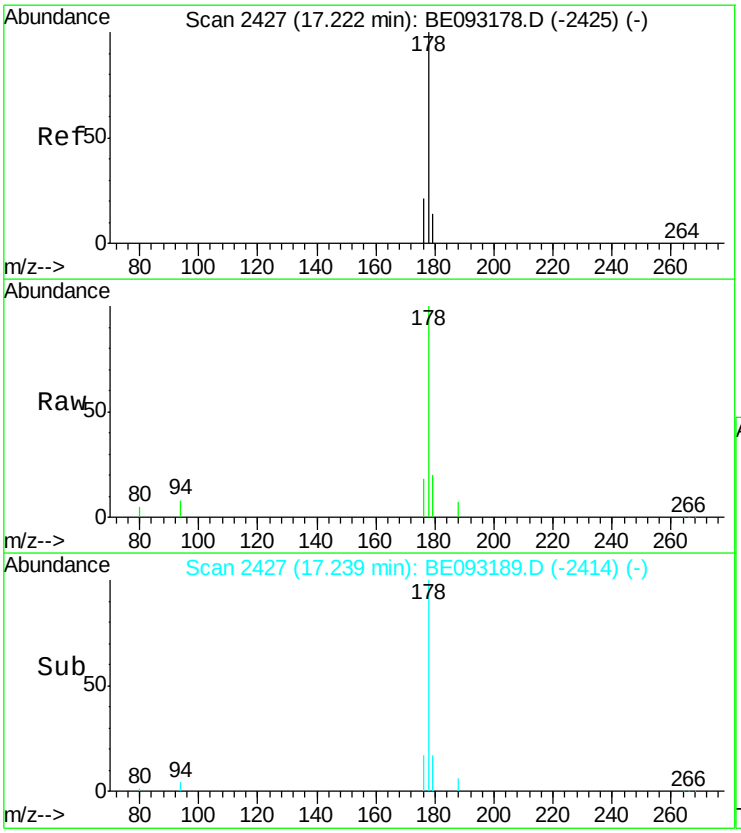
#12
Phenanthrene
Concen: 0.90 ng/ul
RT: 17.24 min Scan# 2427
Delta R.T. 0.10 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Instrument :
BNA_E
ClientSampleId :
F5C36

Tgt Ion:178 Resp: 78300

Ion	Ratio	Lower	Upper
178	100		
179	19.8	18.4	27.6
176	17.9	13.6	20.4

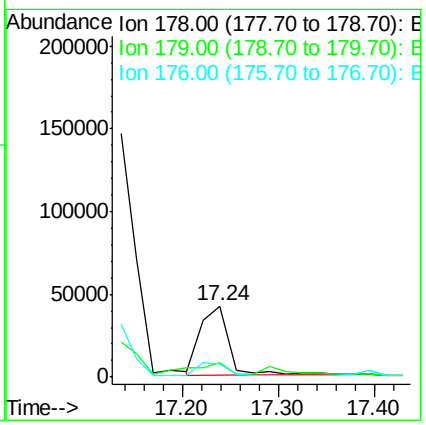


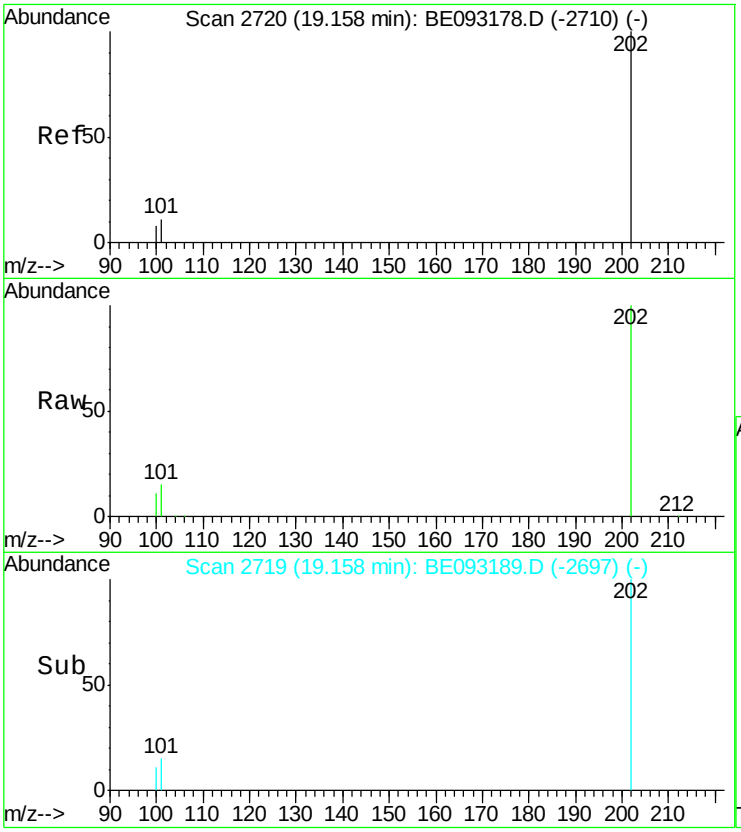


#13
Anthracene
Concen: 1.14 ng/ul
RT: 17.24 min Scan# 2427
Delta R.T. 0.02 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:178 Resp: 86108

Ion	Ratio	Lower	Upper
178	100		
179	19.8	18.1	27.1
176	17.9	14.7	22.1



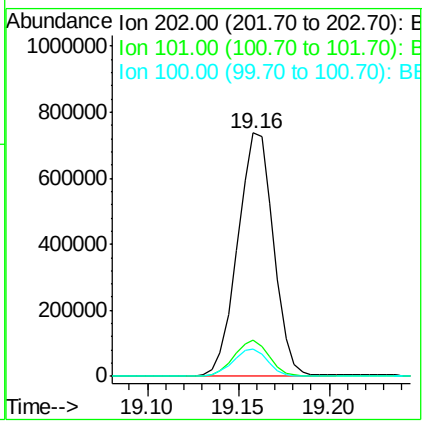


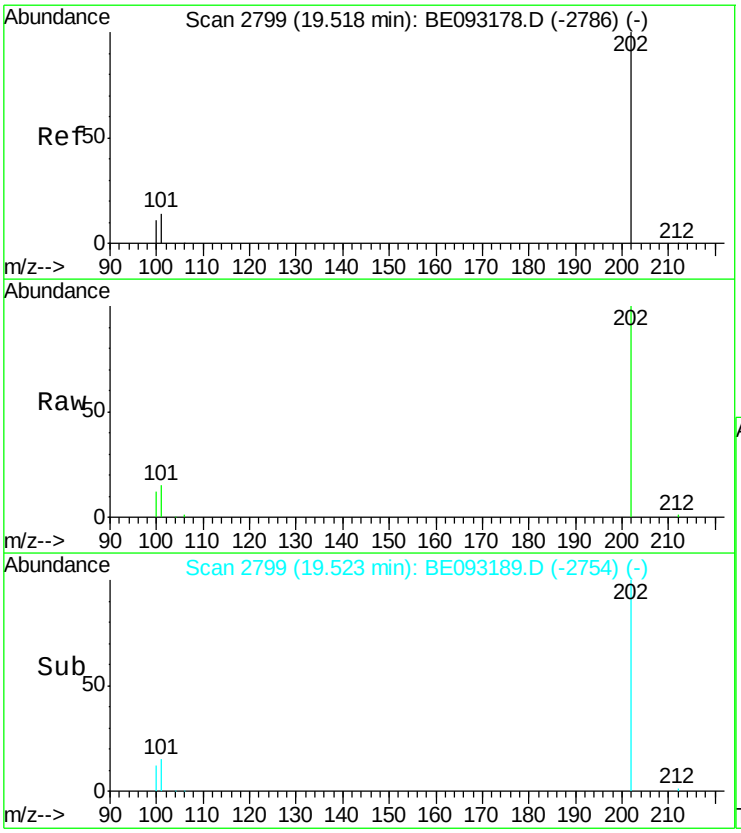
#15
Fluoranthene
Concen: 9.50 ng/ul
RT: 19.16 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Instrument :
BNA_E
ClientSampleId :
F5C36

Tgt Ion:202 Resp: 1007884

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	30.3
100	11.4	0.0	39.5

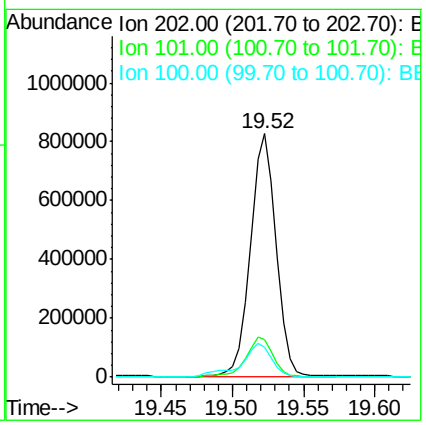


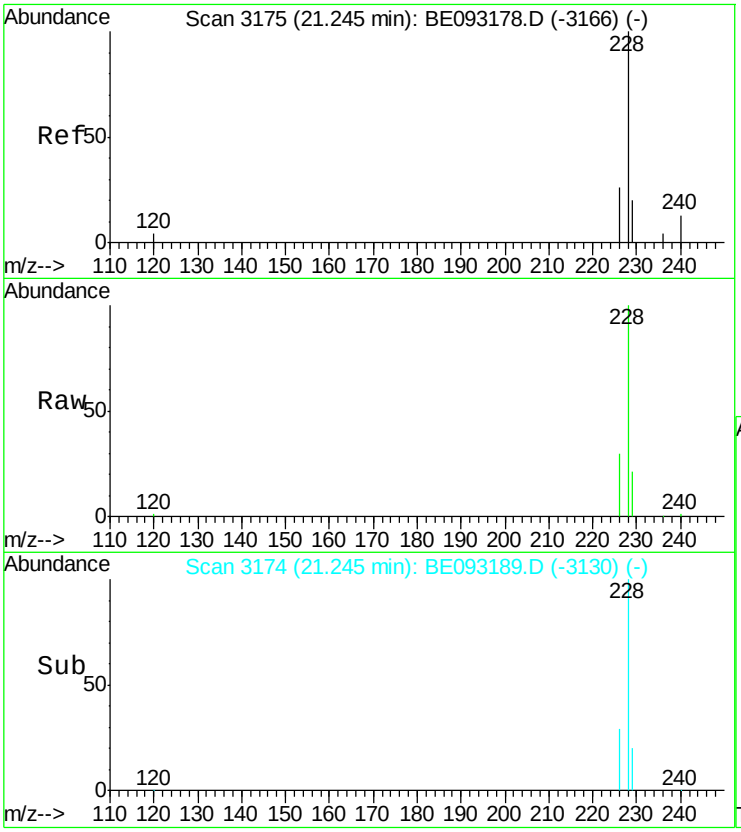


#17
Pyrene
Concen: 12.89 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:202 Resp: 1044342

Ion	Ratio	Lower	Upper
202	100		
101	15.3	18.2	27.4#
100	12.4	15.6	23.4#



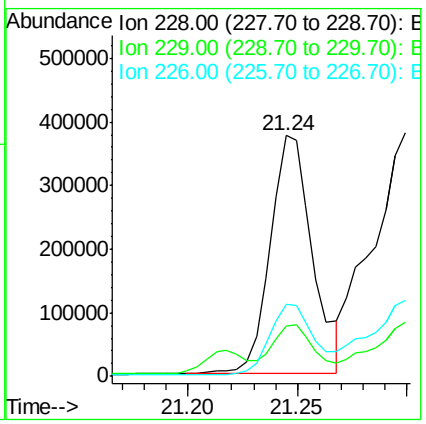


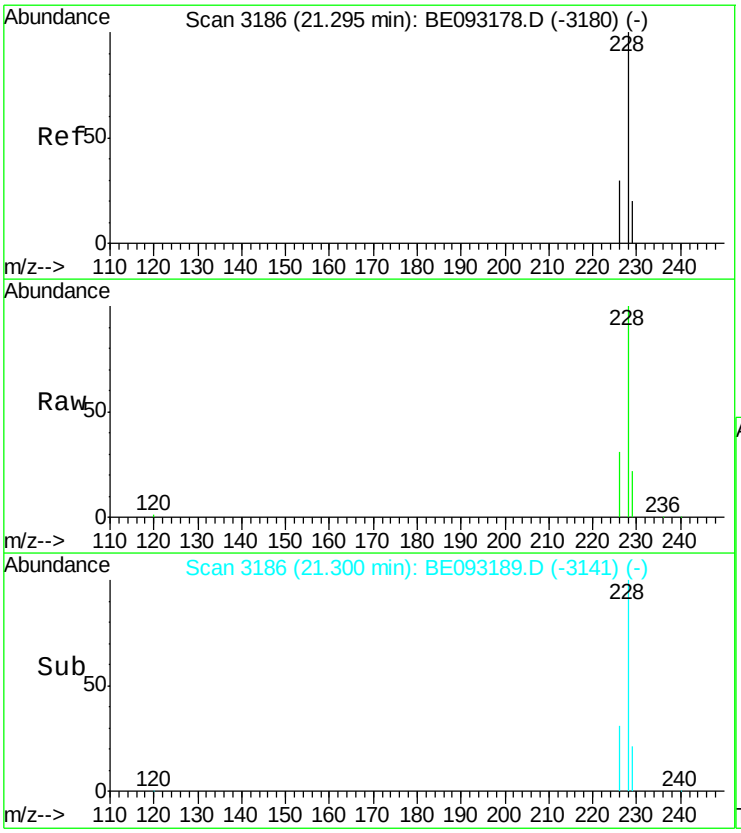
#18
Benzo(a)anthracene
Concen: 6.88 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Instrument :
BNA_E
ClientSampleId :
F5C36

Tgt Ion:228 Resp: 504479

Ion	Ratio	Lower	Upper
228	100		
229	21.2	22.8	34.2#
226	29.9	17.0	25.6#

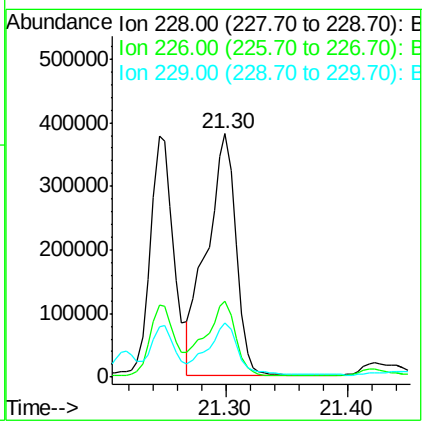


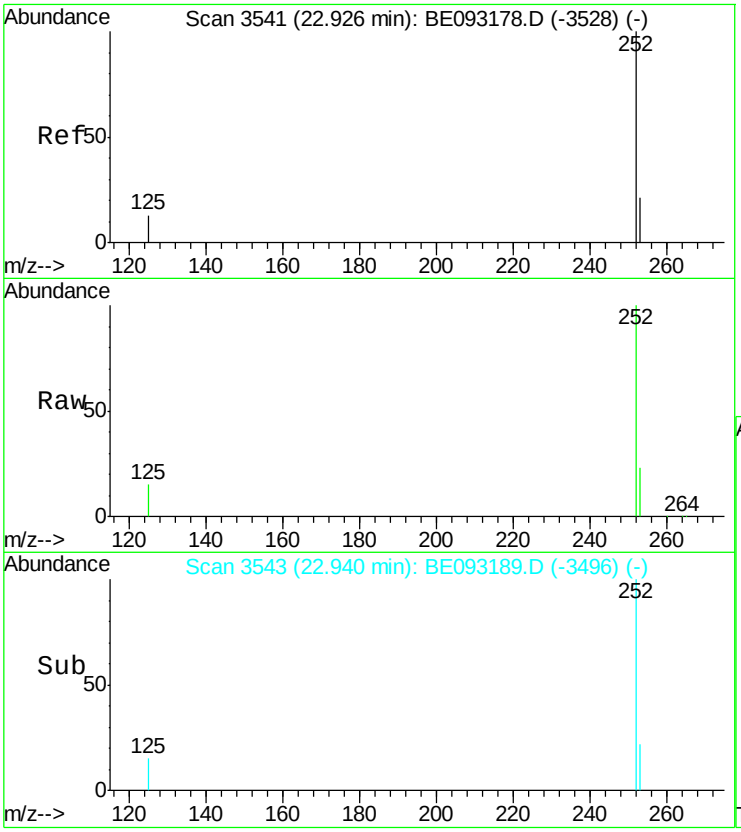


#19
Chrysene
Concen: 8.38 ng/ul
RT: 21.30 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:228 Resp: 637553

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.0
229	22.2	17.7	26.5



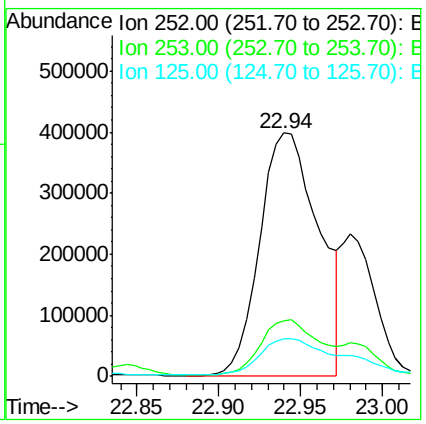


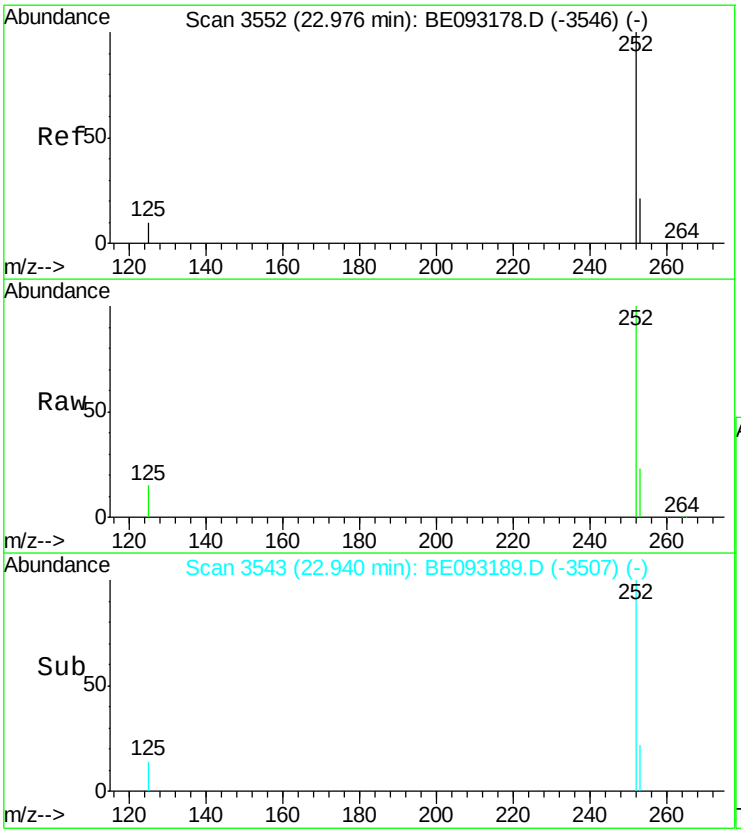
#21
Benzo(b)fluoranthene
Concen: 0.30 ng/ul
RT: 22.94 min Scan# 3543
Delta R.T. 0.01 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Instrument :
BNA_E
ClientSampleId :
F5C36

Tgt Ion:252 Resp: 998157

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	64.2
125	15.2	0.0	35.0

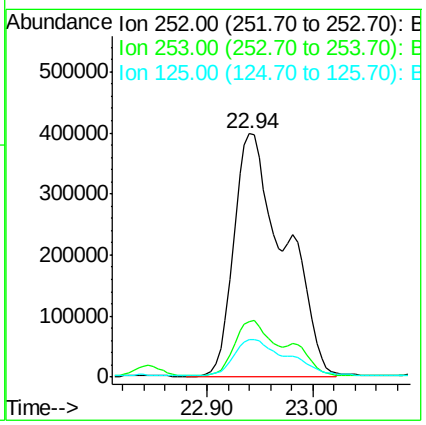


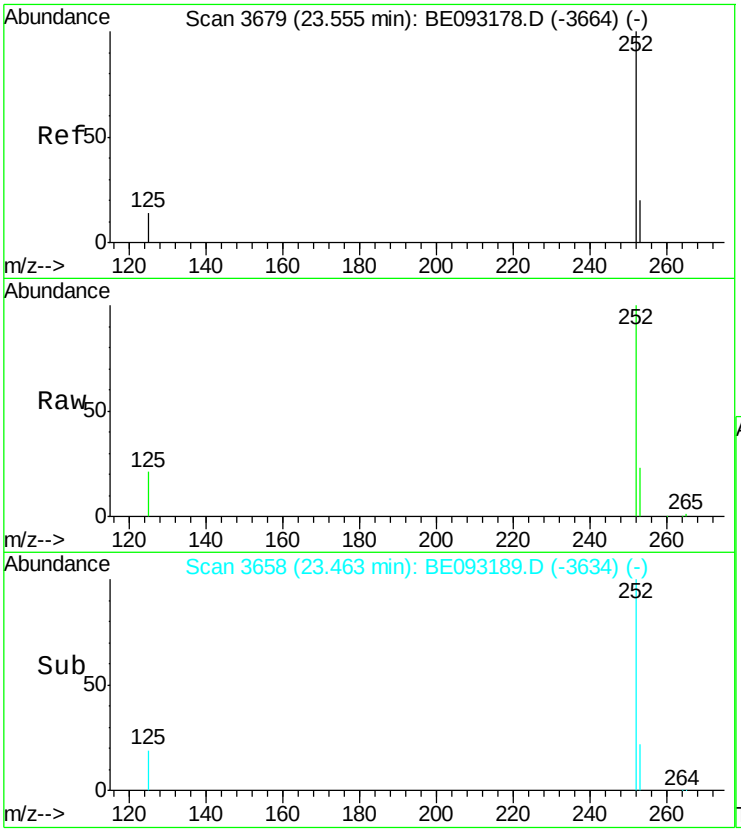


#22
Benzo(k)fluoranthene
Concen: 0.37 ng/ul
RT: 22.94 min Scan# 3543
Delta R.T. -0.04 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:252 Resp: 1326610

Ion	Ratio	Lower	Upper
252	100		
253	22.9	24.5	36.7#
125	15.2	13.7	20.5



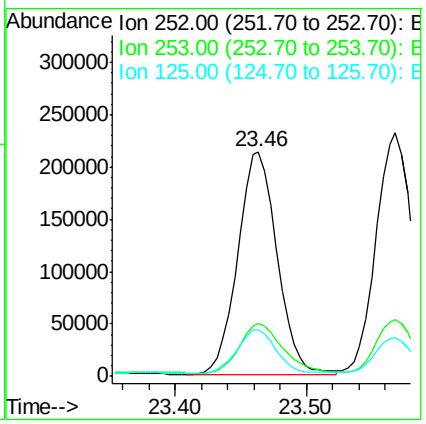


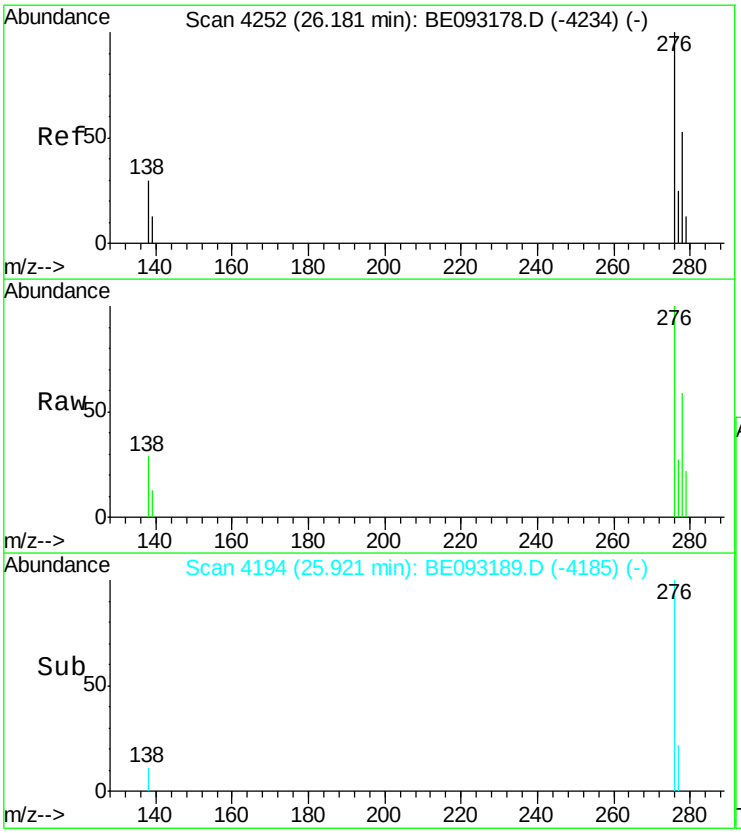
#23
Benzo(a)pyrene
Concen: 0.14 ng/ul
RT: 23.46 min Scan# 3658
Delta R.T. -0.09 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Instrument :
BNA_E
ClientSampleId :
F5C36

Tgt Ion:252 Resp: 444116

Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	20.5	18.1	27.1

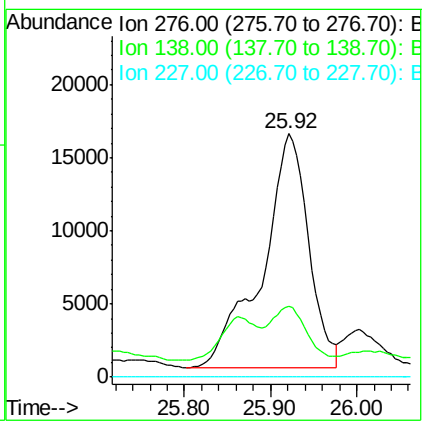


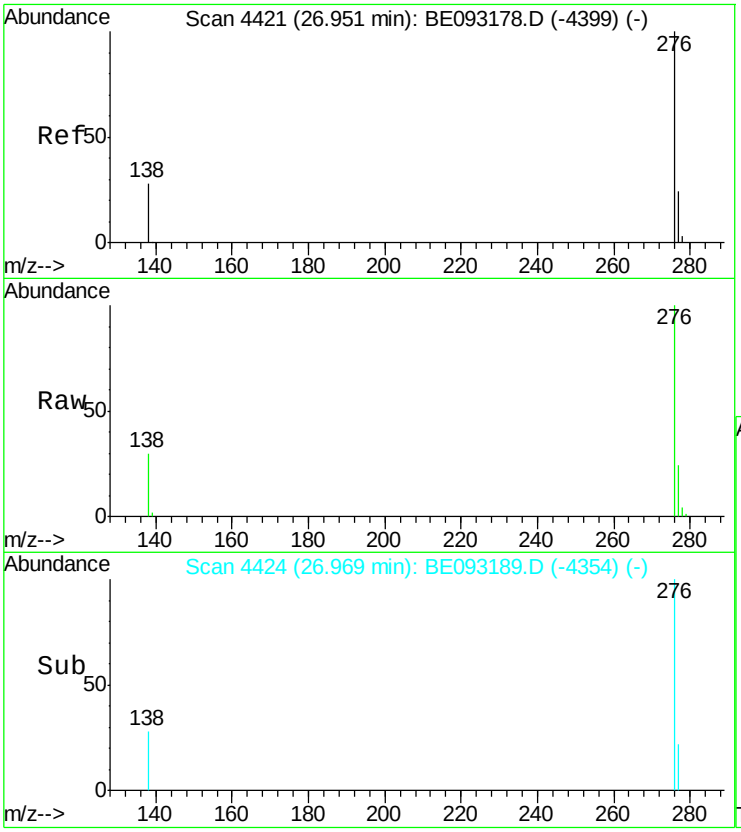


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng/ul
RT: 25.92 min Scan# 4194
Delta R.T. -0.26 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:276 Resp: 60175

Ion	Ratio	Lower	Upper
276	100		
138	16.5	28.0	42.0#
227	0.0	8.0	12.0#





#26
Benzo(g,h,i)perylene
Concen: 0.08 ng/ul
RT: 26.97 min Scan# 4424
Delta R.T. 0.02 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Instrument :
BNA_E
ClientSampleId :
F5C36

Tgt Ion:276 Resp: 245871

Ion	Ratio	Lower	Upper
276	100		
138	29.8	21.8	32.8
277	24.4	20.5	30.7