Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062417\

Quantitation Report (Not Reviewed)

Data File : BE093362.D
Acq On : 24 Jun 2017 15:19
Operator : SJ/JU
Sample : I3627-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5B42

Quant Time: Jun 26 01:14:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 01:13:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1392	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7404	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4788	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	11269	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	12242	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	617689	0.40	ng/ul	-0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3072	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	9087	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	11210	0.61	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	2126	0.17	ng/ul	98
7) Acenaphthylene	14.08	152	103425	5.03	ng/ul	95
8) Acenaphthene	14.42	153	2810	0.17	ng/ul	93
9) Fluorene	15.42	166	3740	0.19	ng/ul	93
12) Phenanthrene	17.14	178	49336	1.59	ng/ul#	90
13) Anthracene	17.22	178	111739	4.14	ng/ul#	88
15) Fluoranthene	19.15	202	411931	10.83	ng/ul	84
17) Pyrene	19.52	202	948999	26.29	ng/ul#	85
18) Benzo(a)anthracene	21.25	228	403804	12.37	ng/ul#	84
19) Chrysene	21.30	228	654884	19.33	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	1456298	0.78	ng/ul	87
22) Benzo(k)fluoranthene	22.94	252	1943043	0.98	ng/ul#	89
23) Benzo(a)pyrene	23.46	252	760154	0.43	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.93	276	88475	0.04	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.11	278	28469	0.02	ng/ul	96
26) Benzo(g,h,i)perylene	26.99	276	443022	0.25	ng/ul	96

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

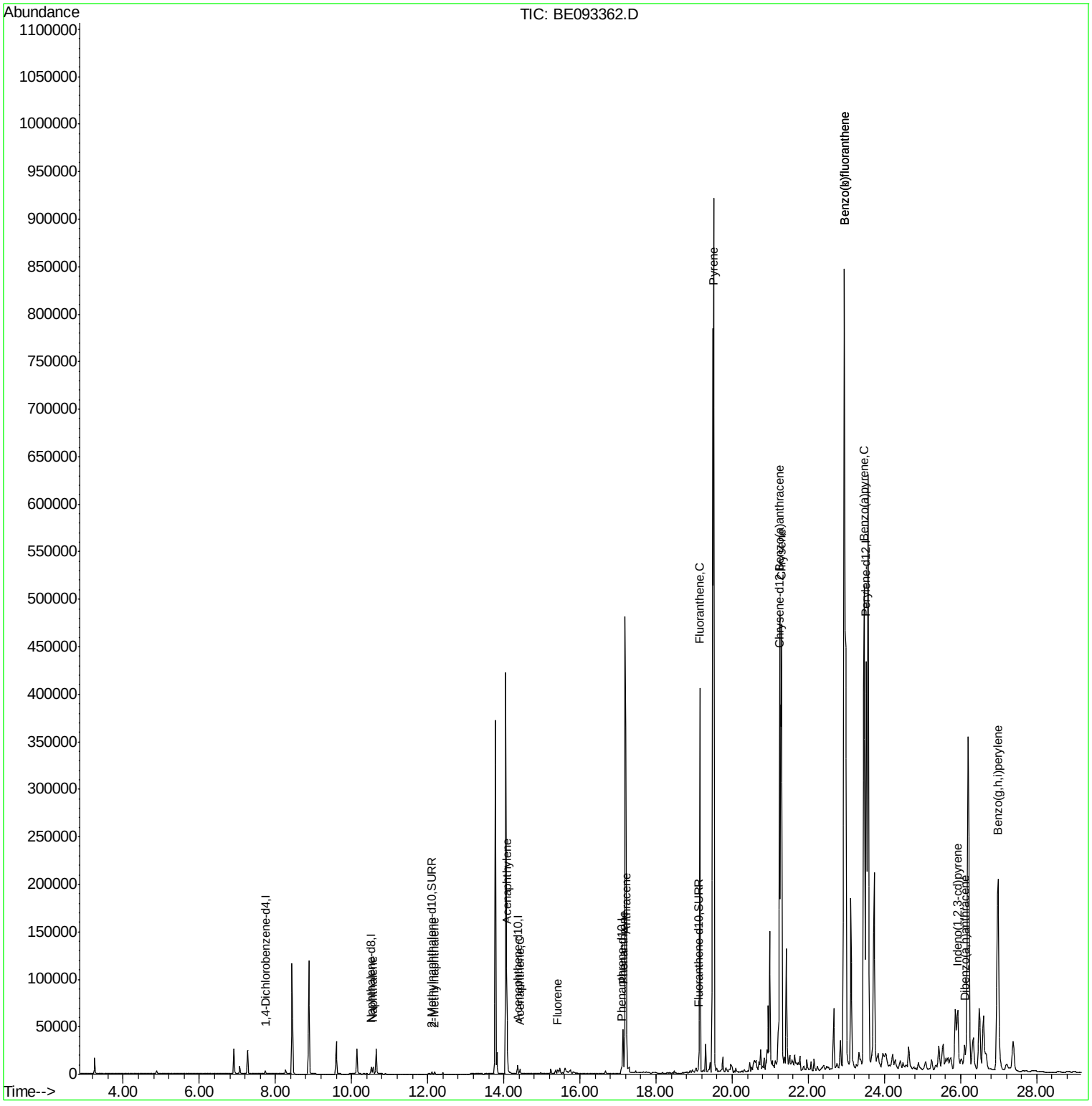
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062417\

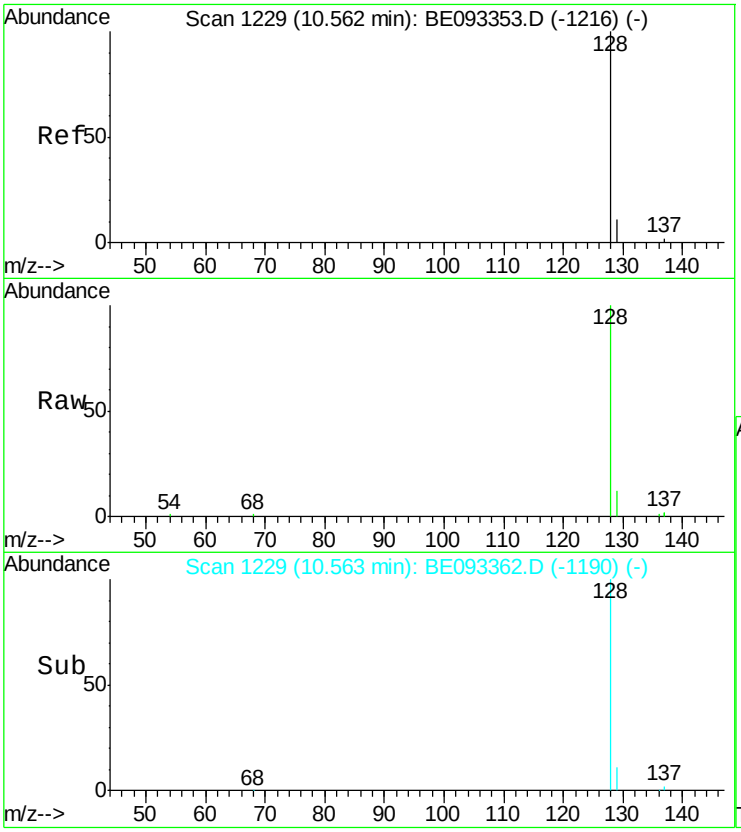
Quantitation Report (Not Reviewed)

Data File : BE093362.D
Acq On : 24 Jun 2017 15:19
Operator : SJ/JU
Sample : I3627-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B42

Quant Time: Jun 26 01:14:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 01:13:30 2017
Response via : Initial Calibration



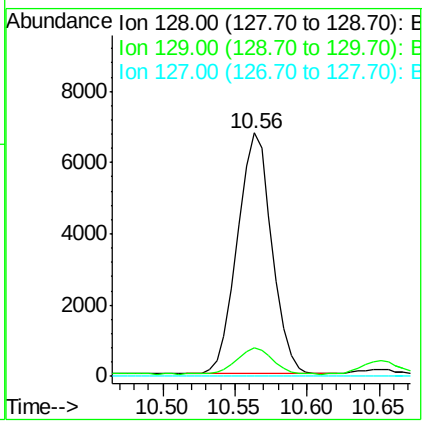


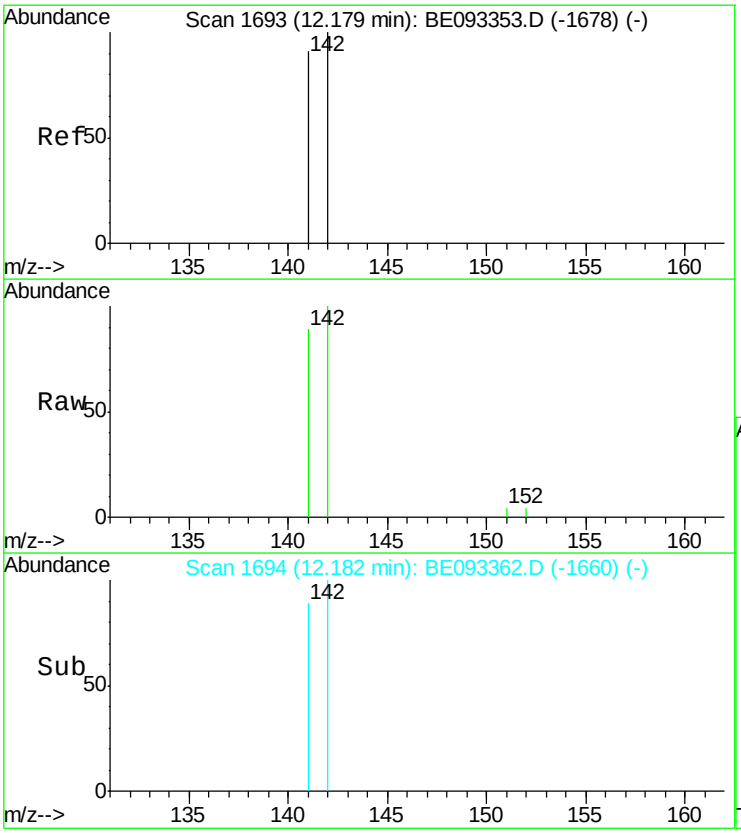
#3
Naphthalene
Concen: 0.61 ng/ul
RT: 10.56 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Instrument :
BNA_E
ClientSampleId :
F5B42

Tgt Ion:128 Resp: 11210

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

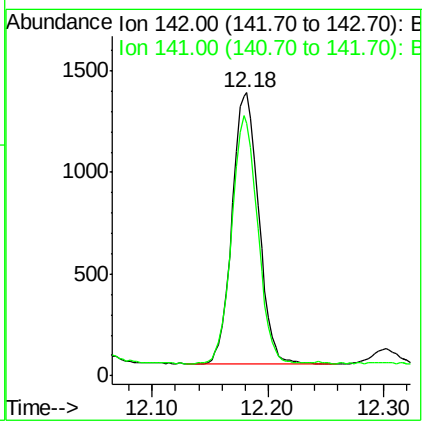


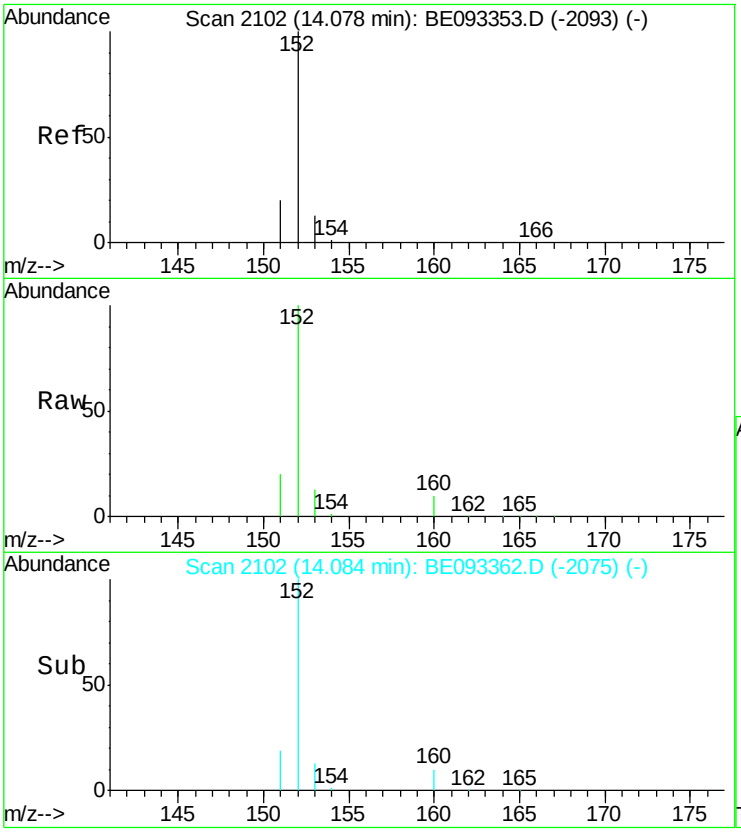


#5
2-Methylnaphthalene
Concen: 0.17 ng/ul
RT: 12.18 min Scan# 1694
Delta R.T. 0.00 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Tgt Ion:142 Resp: 2126

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8



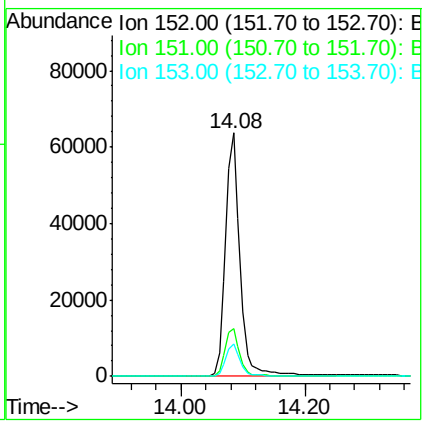


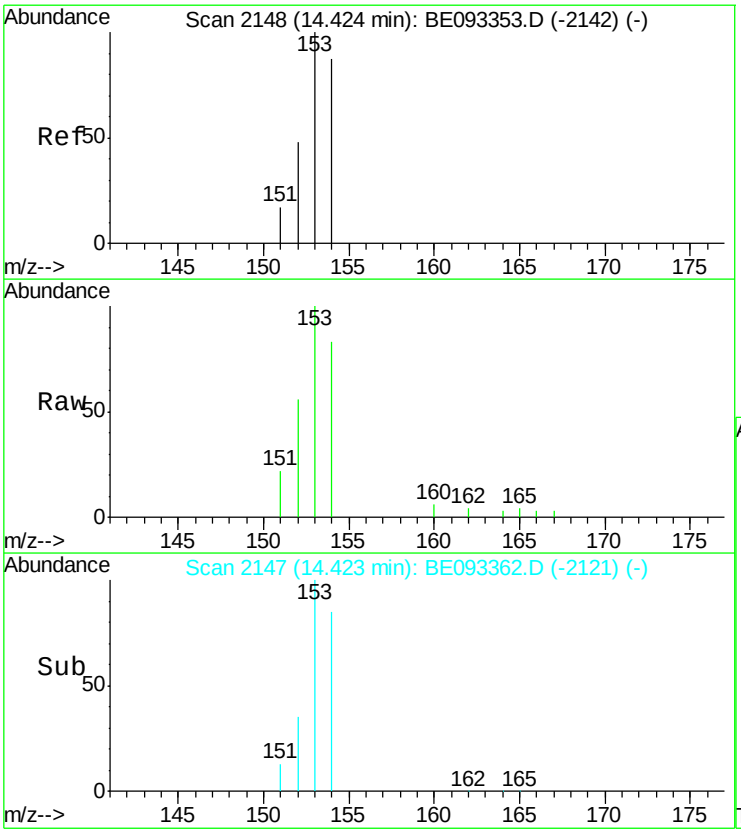
#7
Acenaphthylene
Concen: 5.03 ng/ul
RT: 14.08 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Instrument :
BNA_E
ClientSampleId :
F5B42

Tgt Ion:152 Resp: 103425

Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.1	25.7
153	13.5	12.8	19.2

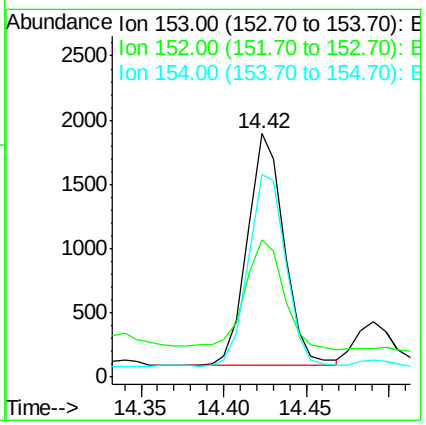


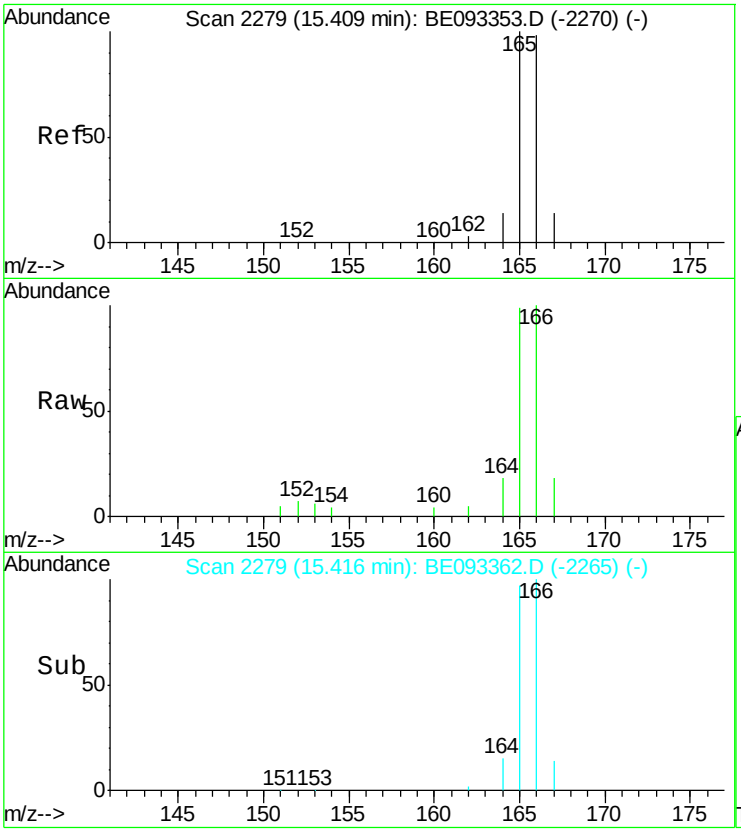


#8
Acenaphthene
Concen: 0.17 ng/ul
RT: 14.42 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Tgt Ion:153 Resp: 2810

Ion	Ratio	Lower	Upper
153	100		
152	56.5	40.3	60.5
154	83.4	71.4	107.2



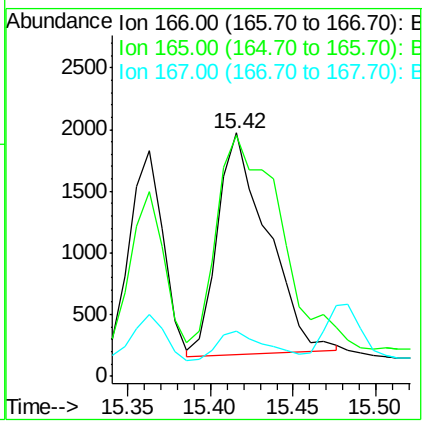


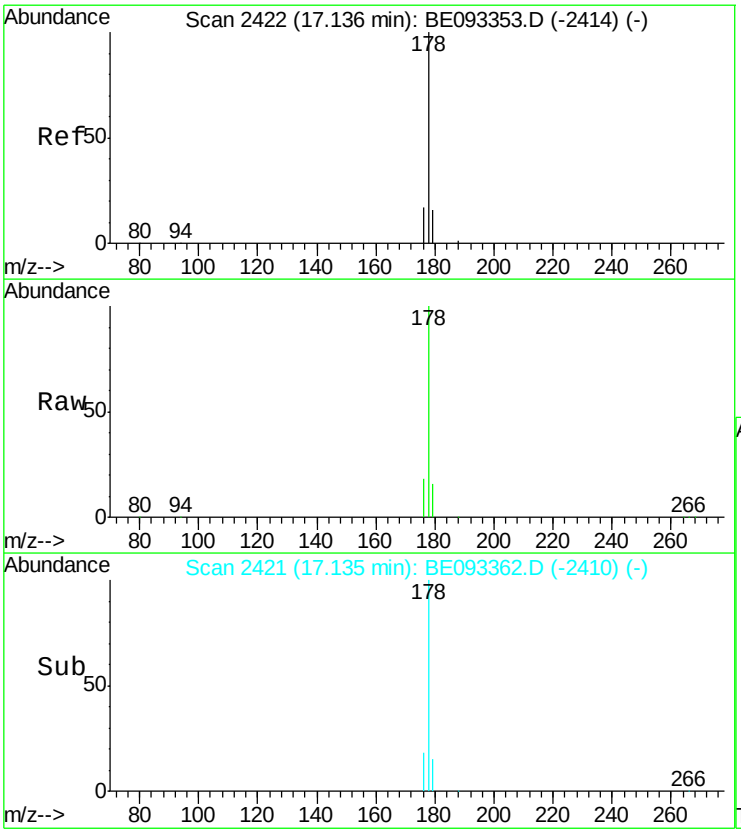
#9
Fluorene
Concen: 0.19 ng/ul
RT: 15.42 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Instrument :
BNA_E
ClientSampleId :
F5B42

Tgt Ion:166 Resp: 3740

Ion	Ratio	Lower	Upper
166	100		
165	99.2	73.4	110.2
167	18.5	14.6	22.0

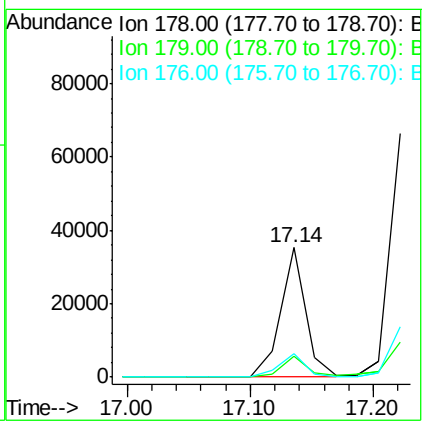


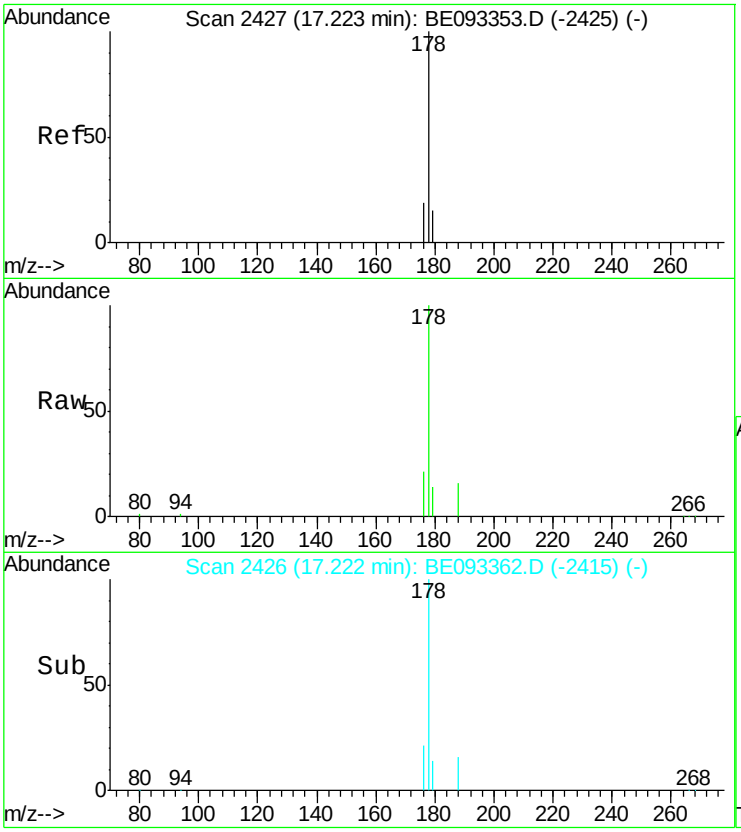


#12
Phenanthrene
Concen: 1.59 ng/ul
RT: 17.14 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Tgt Ion:178 Resp: 49336

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	18.5	13.6	20.4



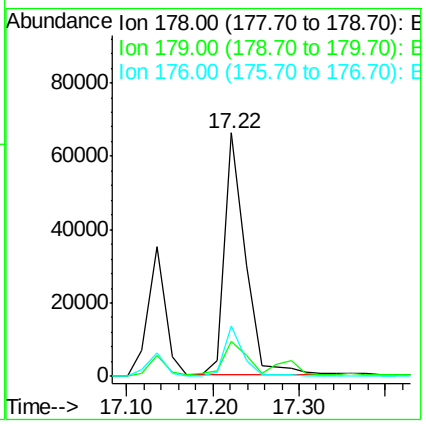


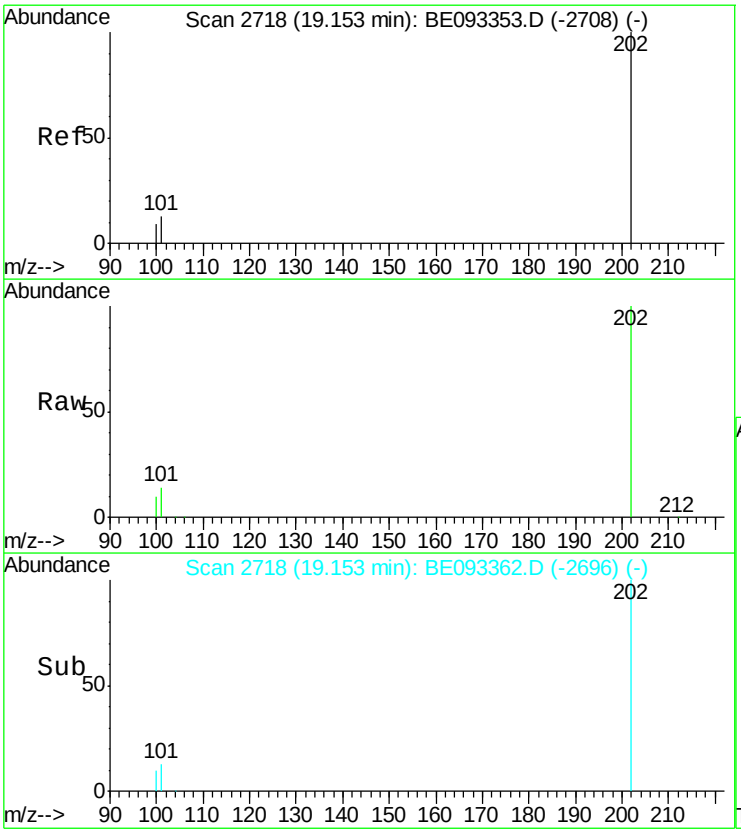
#13
Anthracene
Concen: 4.14 ng/ul
RT: 17.22 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Instrument :
BNA_E
ClientSampleId :
F5B42

Tgt Ion:178 Resp: 111739

Ion	Ratio	Lower	Upper
178	100		
179	14.2	18.1	27.1#
176	20.6	14.7	22.1

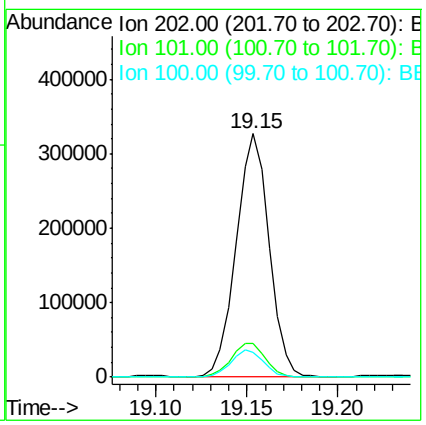


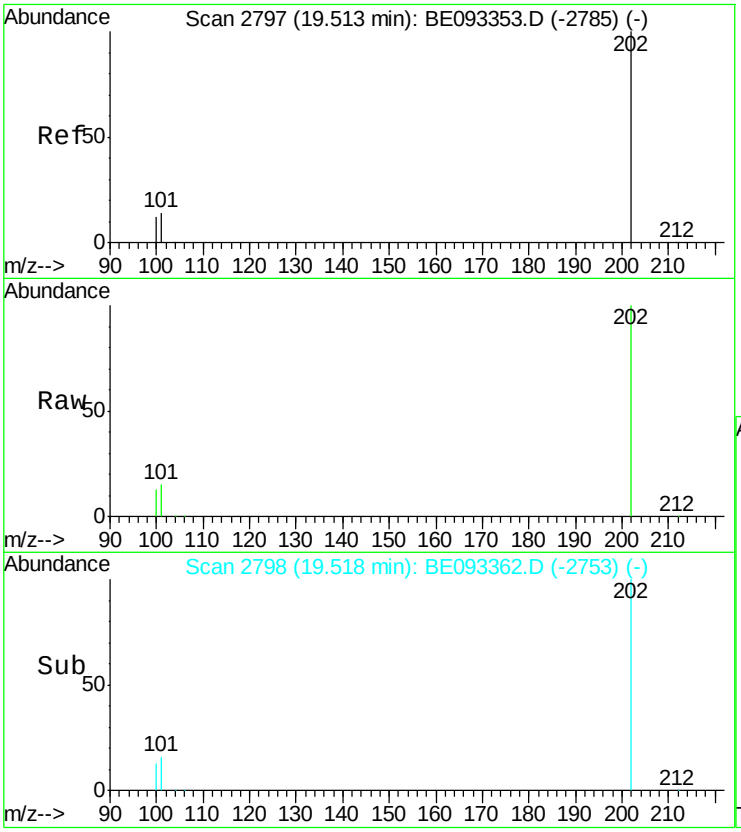


#15
Fluoranthene
Concen: 10.83 ng/ul
RT: 19.15 min Scan# 2718
Delta R.T. 0.00 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Tgt Ion:202 Resp: 411931

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	30.3
100	10.3	0.0	39.5



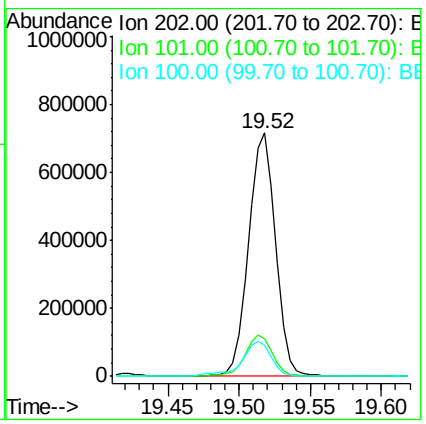


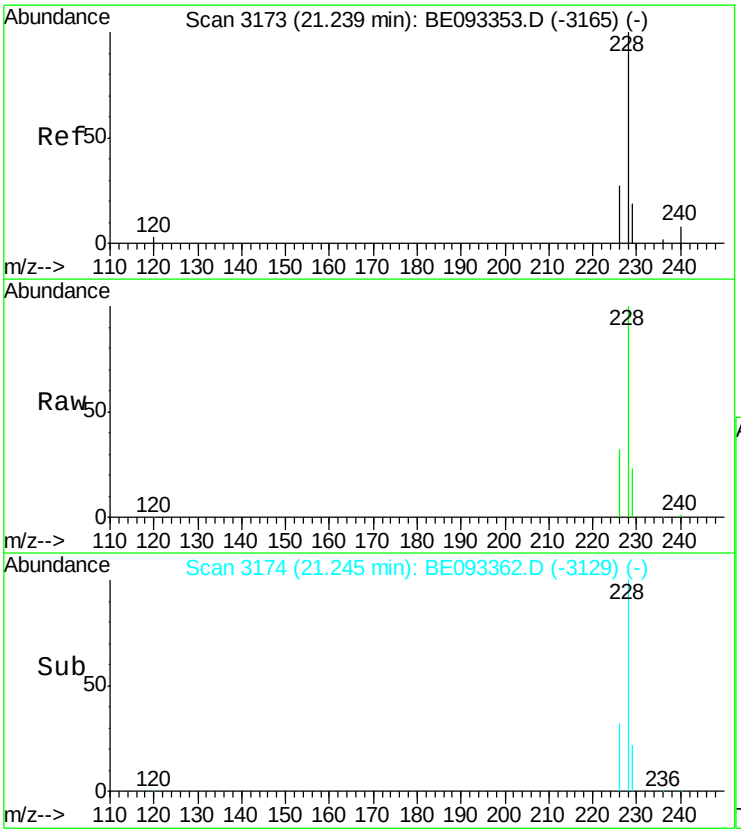
#17
Pyrene
Concen: 26.29 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. 0.01 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Instrument :
BNA_E
ClientSampleId :
F5B42

Tgt Ion:202 Resp: 948999

Ion	Ratio	Lower	Upper
202	100		
101	15.5	18.2	27.4#
100	12.5	15.6	23.4#

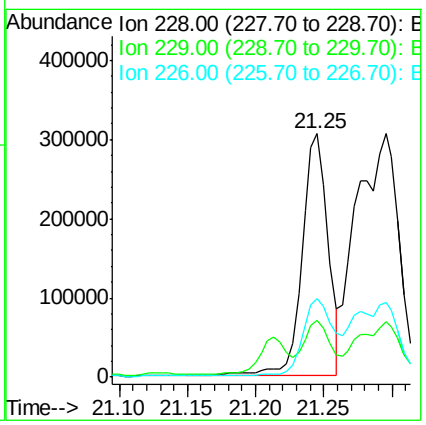


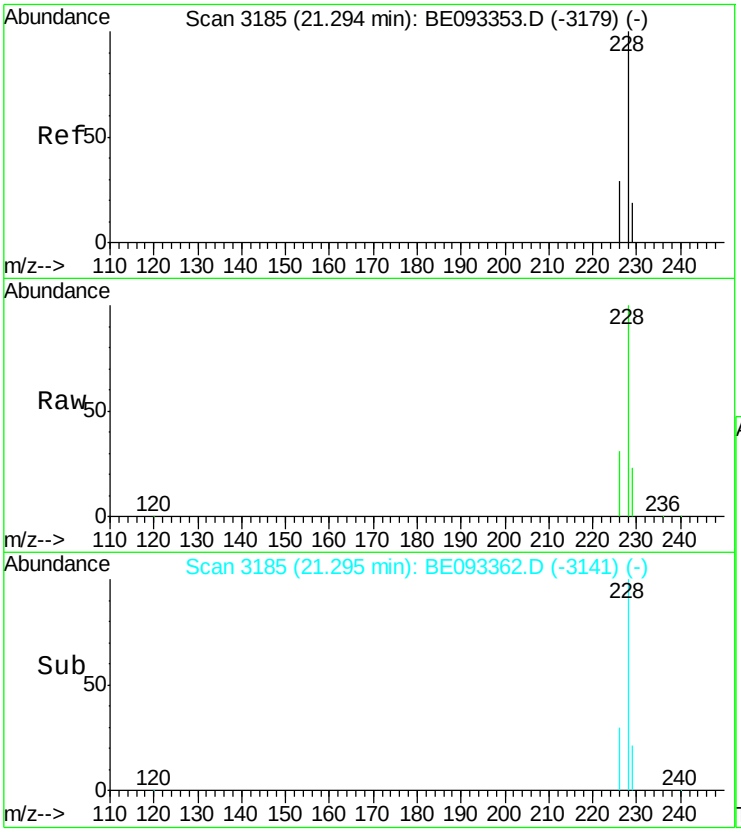


#18
Benzo(a)anthracene
Concen: 12.37 ng/ul
RT: 21.25 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Tgt Ion:228 Resp: 403804

Ion	Ratio	Lower	Upper
228	100		
229	23.2	22.8	34.2
226	32.4	17.0	25.6#



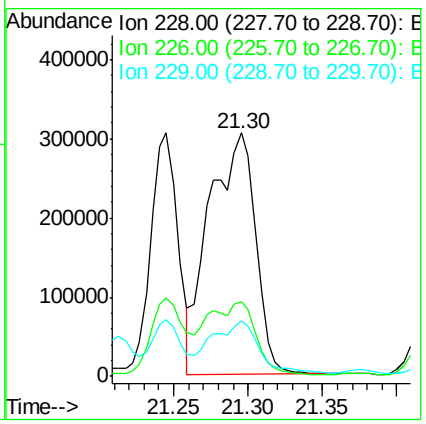


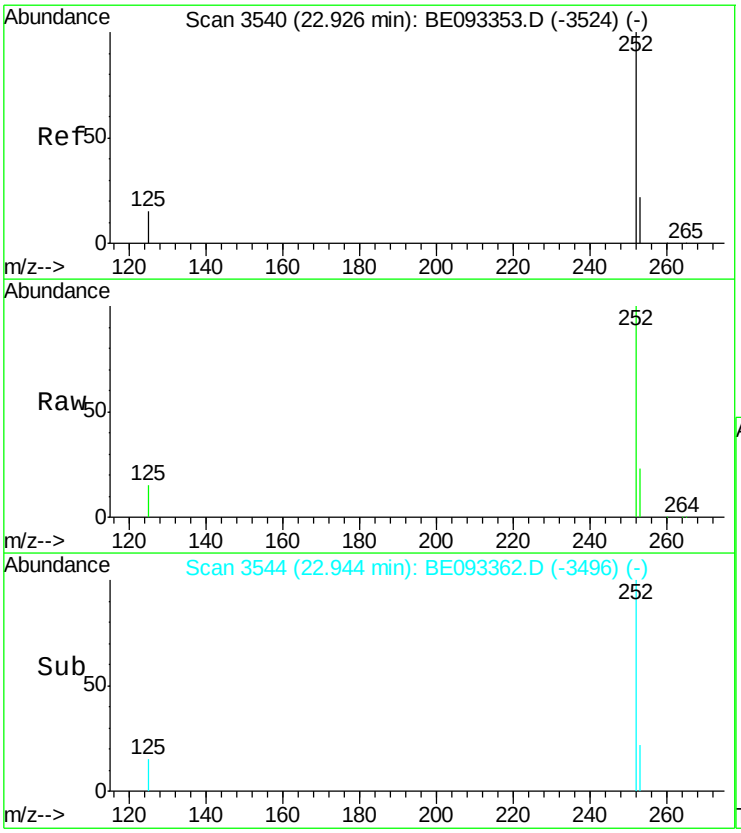
#19
Chrysene
Concen: 19.33 ng/ul
RT: 21.30 min Scan# 3185
Delta R.T. 0.00 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Instrument :
BNA_E
ClientSampleId :
F5B42

Tgt Ion:228 Resp: 654884

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	22.6	17.7	26.5

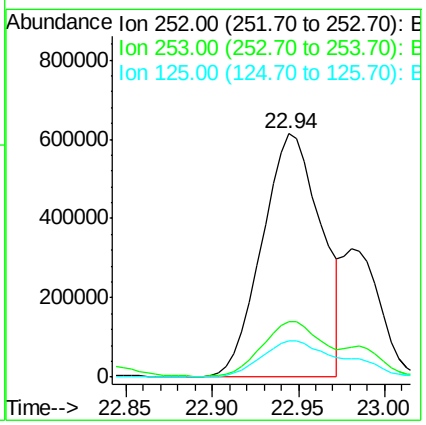


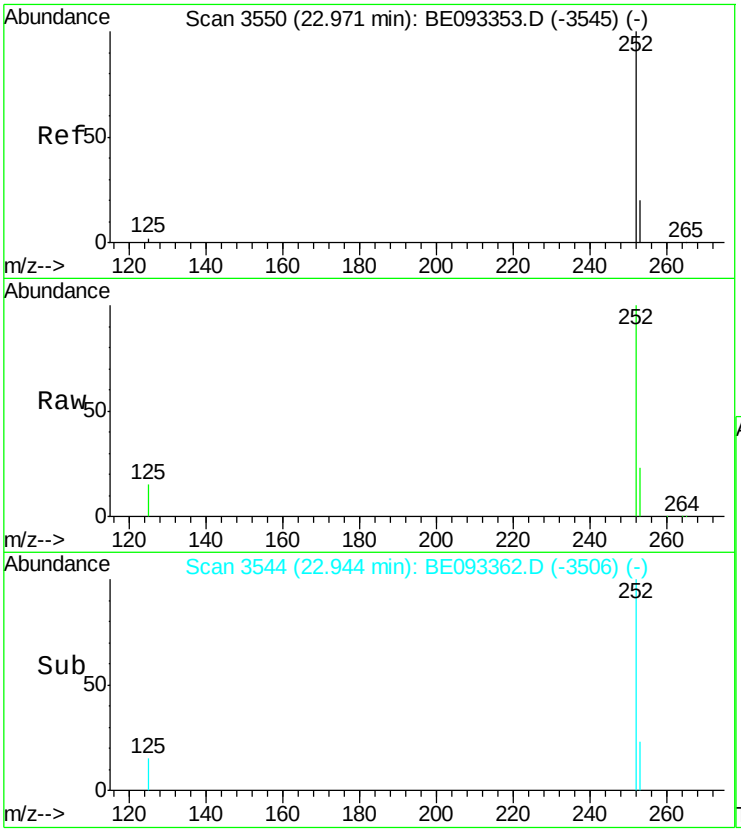


#21
Benzo(b)fluoranthene
Concen: 0.78 ng/ul
RT: 22.94 min Scan# 3544
Delta R.T. 0.02 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Tgt Ion:252 Resp: 1456298

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	64.2
125	14.9	0.0	35.0



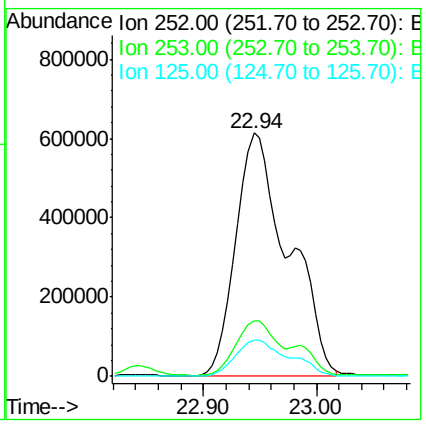


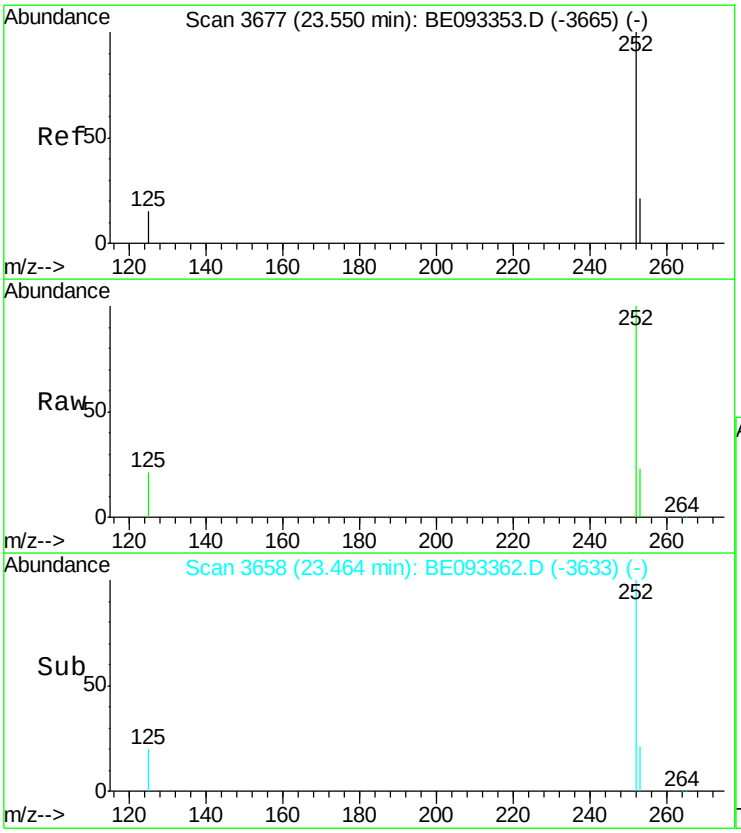
#22
Benzo(k)fluoranthene
Concen: 0.98 ng/ul
RT: 22.94 min Scan# 3544
Delta R.T. -0.03 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Instrument :
BNA_E
ClientSampleId :
F5B42

Tgt Ion:252 Resp: 1943043

Ion	Ratio	Lower	Upper
252	100		
253	22.7	24.5	36.7#
125	14.9	13.7	20.5

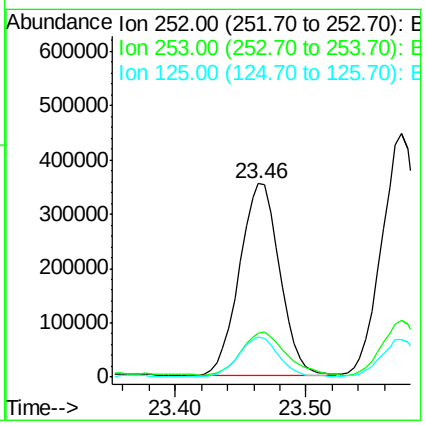


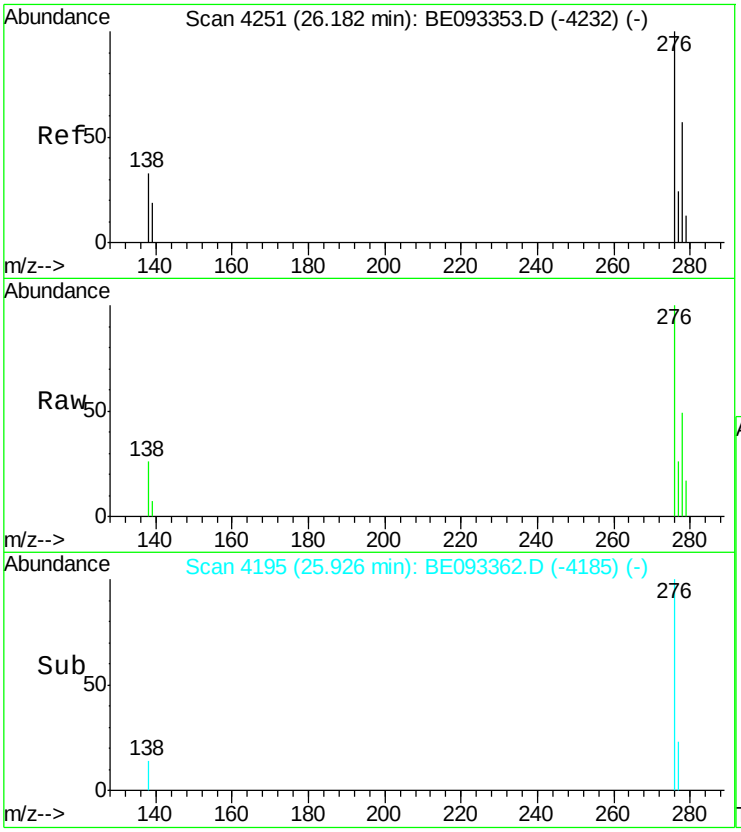


#23
Benzo(a)pyrene
Concen: 0.43 ng/ul
RT: 23.46 min Scan# 3658
Delta R.T. -0.09 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Tgt Ion:252 Resp: 760154

Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	20.6	18.1	27.1



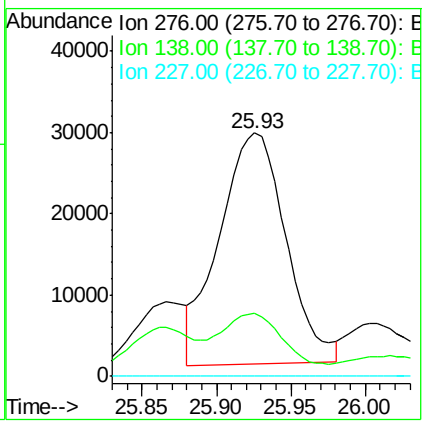


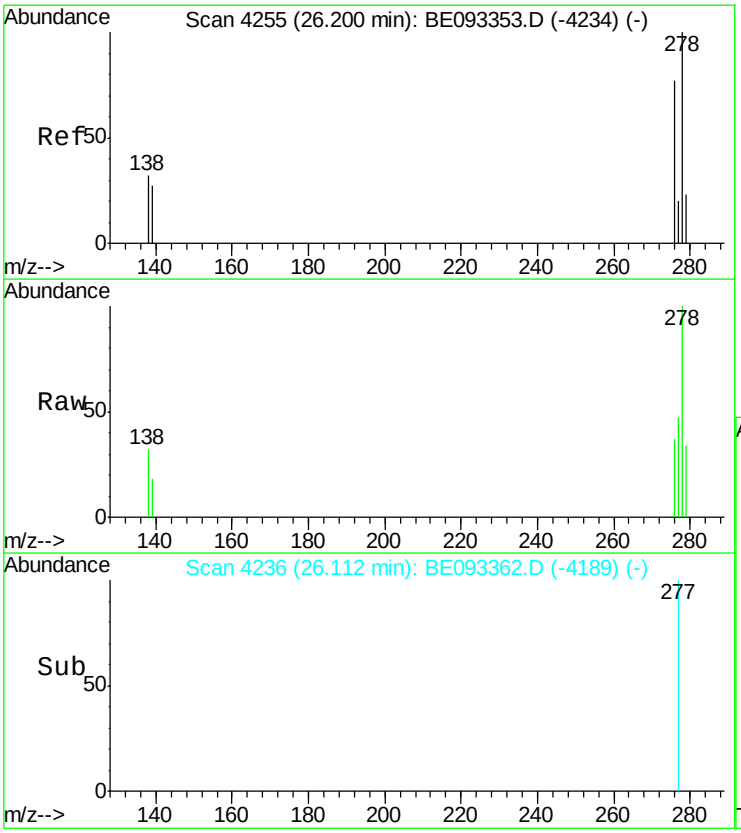
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng/ul
RT: 25.93 min Scan# 4195
Delta R.T. -0.26 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Instrument :
BNA_E
ClientSampleId :
F5B42

Tgt Ion:276 Resp: 88475

Ion	Ratio	Lower	Upper
276	100		
138	20.9	28.0	42.0#
227	0.0	8.0	12.0#

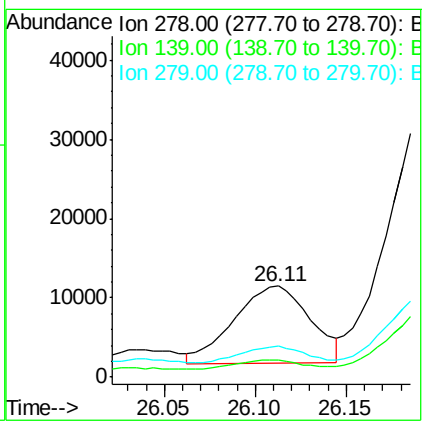


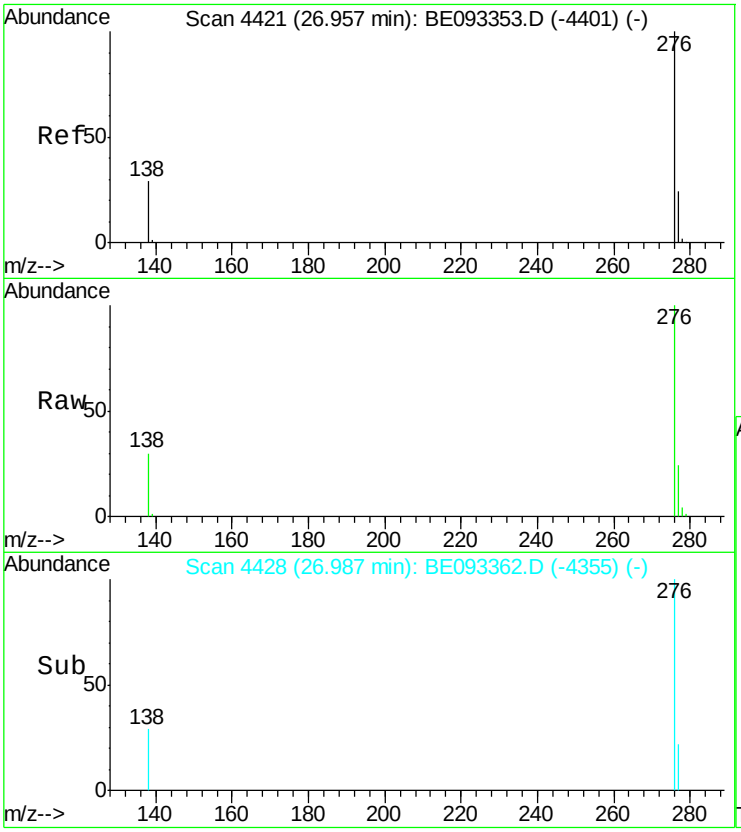


#25
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 26.11 min Scan# 4236
Delta R.T. -0.09 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Tgt Ion:278 Resp: 28469

Ion	Ratio	Lower	Upper
278	100		
139	18.2	17.4	26.0
279	33.6	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.25 ng/ul
RT: 26.99 min Scan# 4428
Delta R.T. 0.03 min
Lab File: BE093362.D
Acq: 24 Jun 2017 15:19

Instrument :
BNA_E
ClientSampleId :
F5B42

Tgt Ion:276 Resp: 443022

Ion	Ratio	Lower	Upper
276	100		
138	29.6	21.8	32.8
277	24.2	20.5	30.7