Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
Data File : BE093272.D
Acq On : 20 Jun 2017 4:24
Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5D37

Quant Time: Jun 20 09:37:29 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 08:49:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2319	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	11748	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	7109	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	16657	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	17728	0.40	ng/ul	0.00
20) Perylene-d12	23.68	264	18980	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2790	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	7509	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	77626	2.663	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	14505	0.728	ng/ul	99
7) Acenaphthylene	14.09	152	164104	5.379	ng/ul	95
8) Acenaphthene	14.42	153	14584	0.593	ng/ul	97
9) Fluorene	15.42	166	18231	0.632	ng/ul	93
12) Phenanthrene	17.14	178	212386	4.634	ng/ul#	88
13) Anthracene	17.22	178	314915	7.892	ng/ul#	87
15) Fluoranthene	19.16	202	1823420	32.443	ng/ul	83
17) Pyrene	19.52	202	2275431	43.523	ng/ul#	90
18) Benzo(a)anthracene	21.25	228	1175149	24.851	ng/ul#	84
19) Chrysene	21.30	228	1498925	30.557	ng/ul	97
21) Benzo(b)fluoranthene	22.96	252	2599053m	45.123	ng/ul	
22) Benzo(k)fluoranthene	22.99	252	921449m	15.063	ng/ul	
23) Benzo(a)pyrene	23.58	252	1210954	22.235	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.21	276	826069	13.099	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.21	278	246477	4.641	ng/ul	93
26) Benzo(g,h,i)perylene	26.99	276	510577	9.441	ng/ul	97

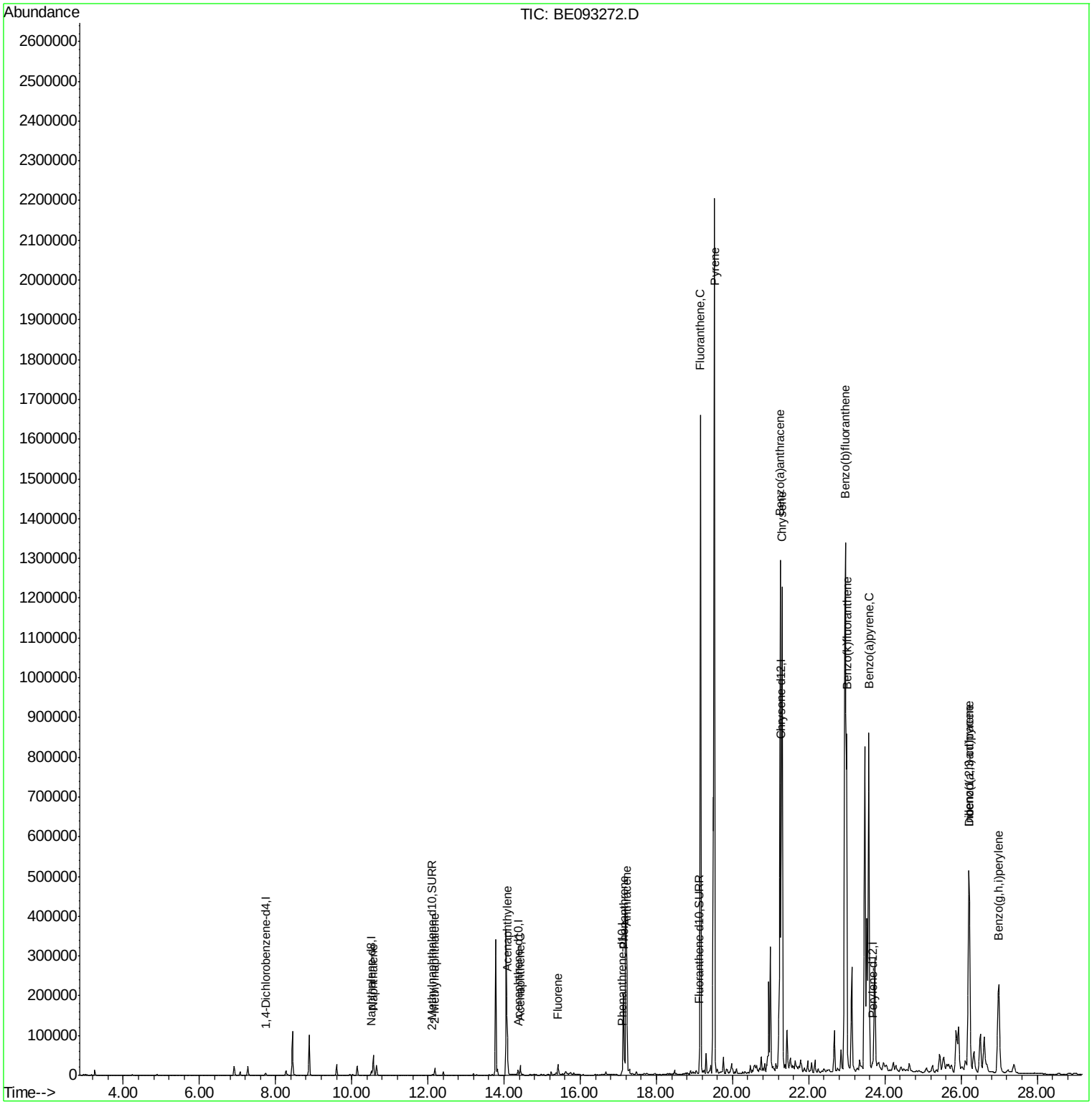
(#) = qualifier out of range (m) = manual integration (+) = signals summed

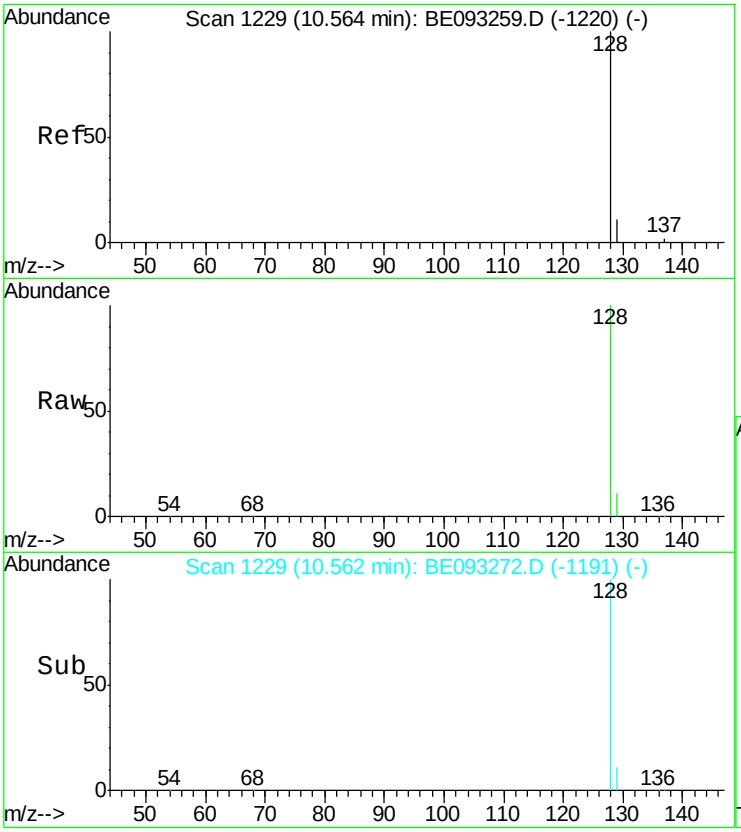
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
Data File : BE093272.D
Acq On : 20 Jun 2017 4:24
Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5D37

Quant Time: Jun 20 09:37:29 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 08:49:11 2017
Response via : Initial Calibration



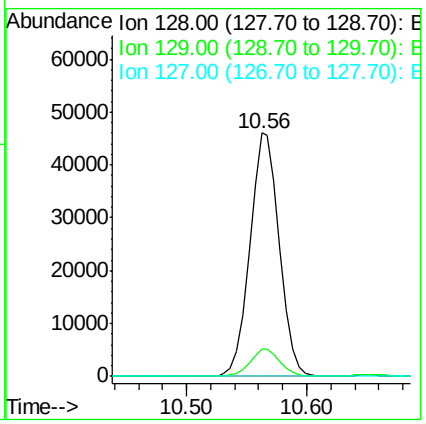


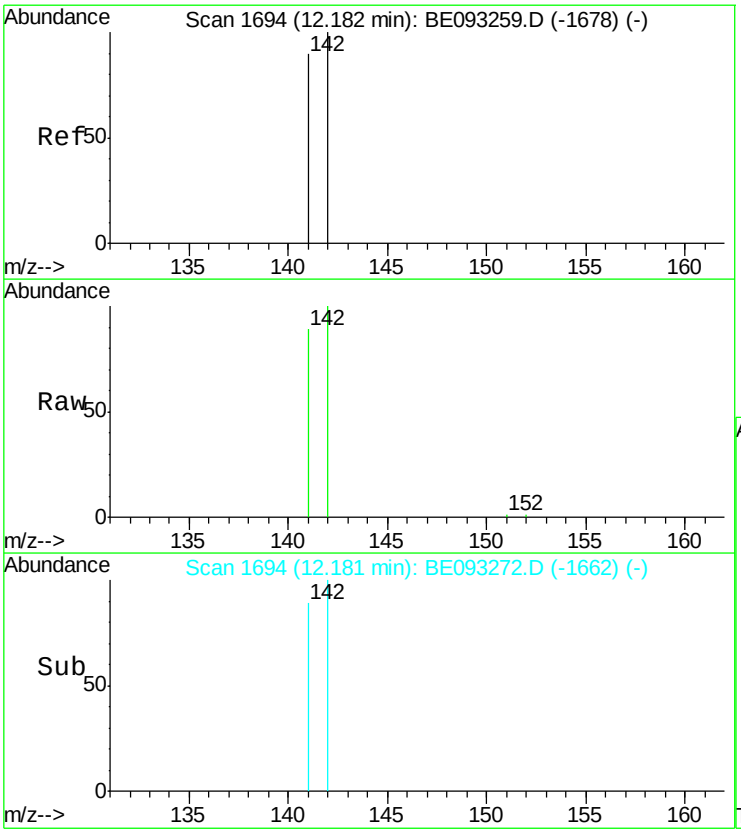
#3
Naphthalene
Concen: 2.663 ng/ul
RT: 10.56 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Instrument :
BNA_E
ClientSampleId :
F5D37

Tgt Ion:128 Resp: 77626

Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	0.0	4.0	6.0#

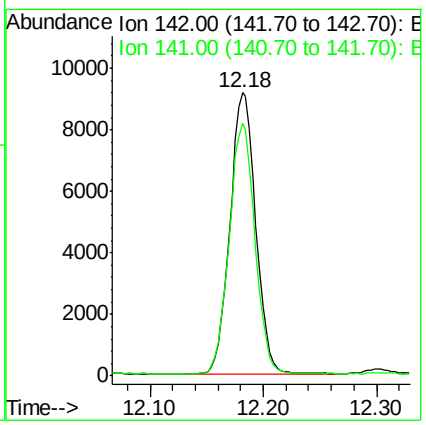


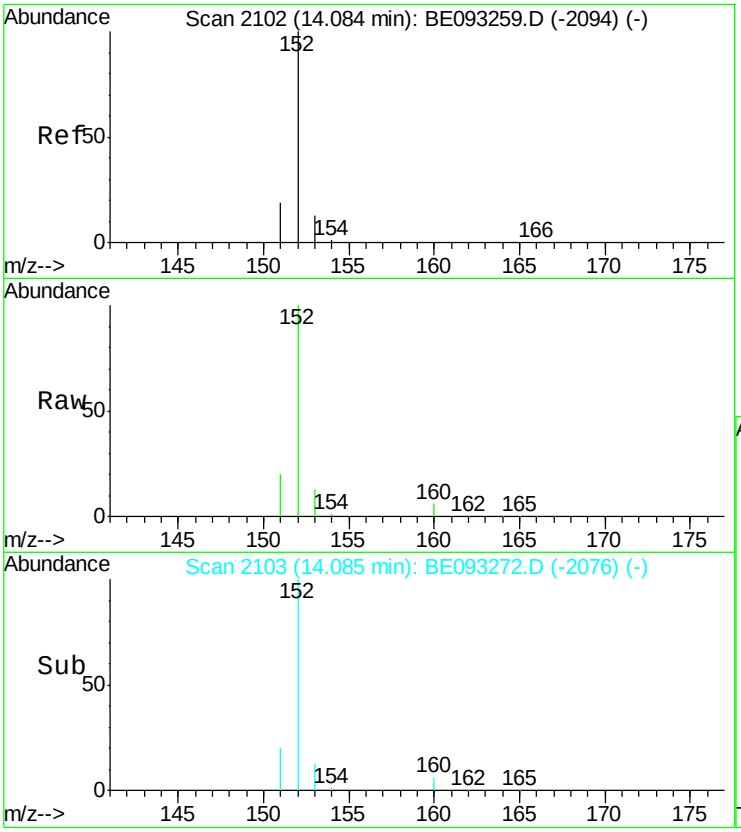


#5
2-Methylnaphthalene
Concen: 0.728 ng/ul
RT: 12.18 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Tgt Ion:142 Resp: 14505

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8



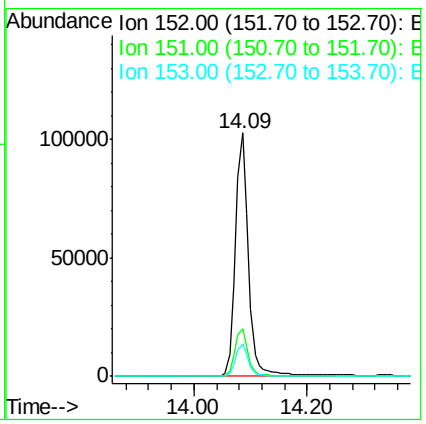


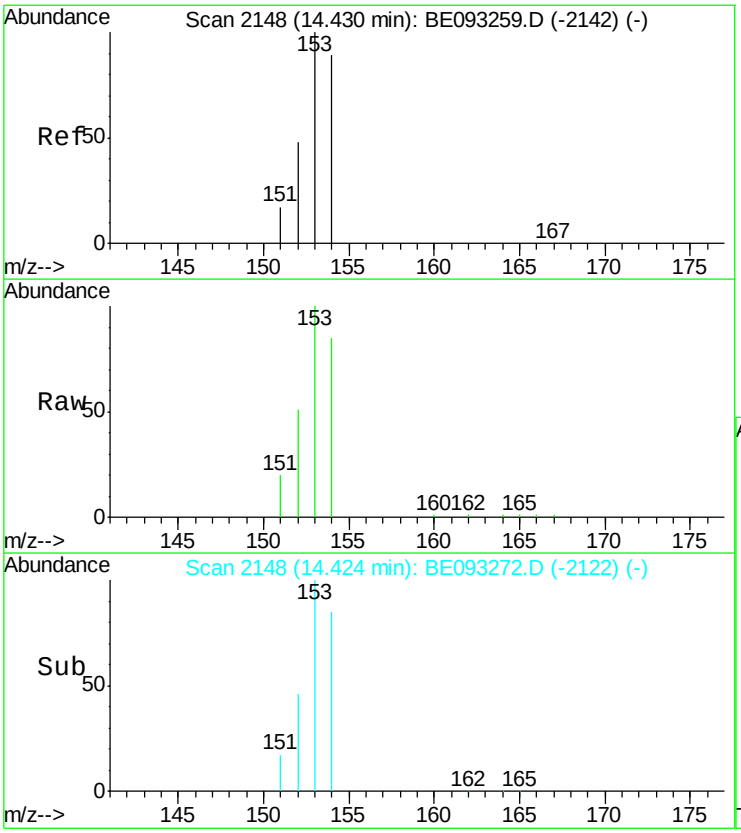
#7
Acenaphthylene
Concen: 5.379 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Instrument :
BNA_E
ClientSampleId :
F5D37

Tgt Ion:152 Resp: 164104

Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.1	25.7
153	13.4	12.8	19.2

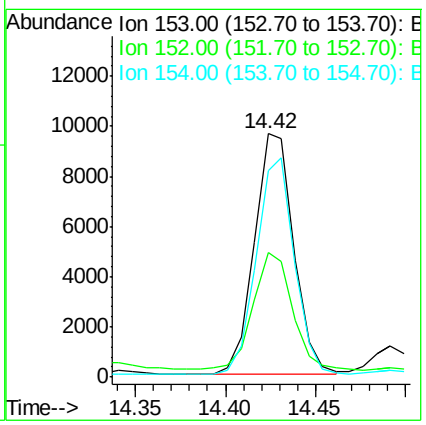


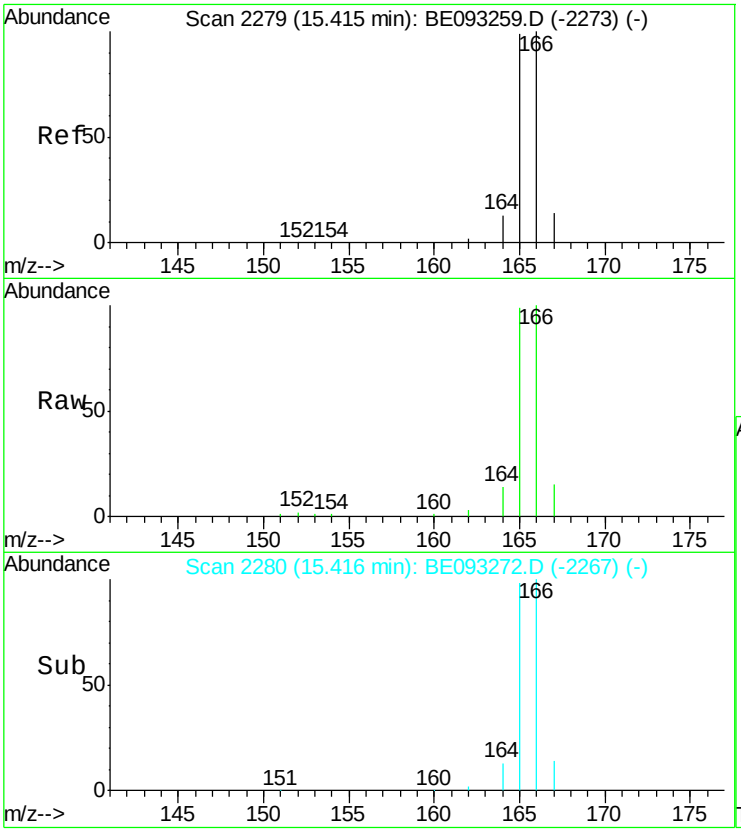


#8
Acenaphthene
Concen: 0.593 ng/ul
RT: 14.42 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Tgt Ion:153 Resp: 14584

Ion	Ratio	Lower	Upper
153	100		
152	51.3	40.3	60.5
154	84.9	71.4	107.2



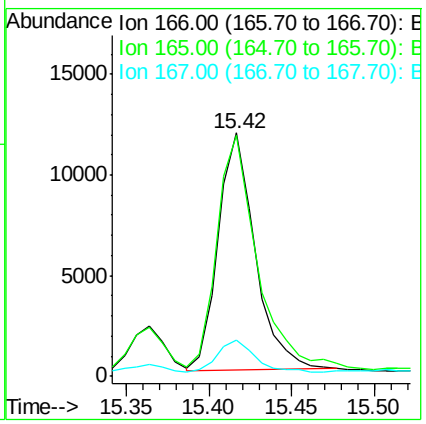


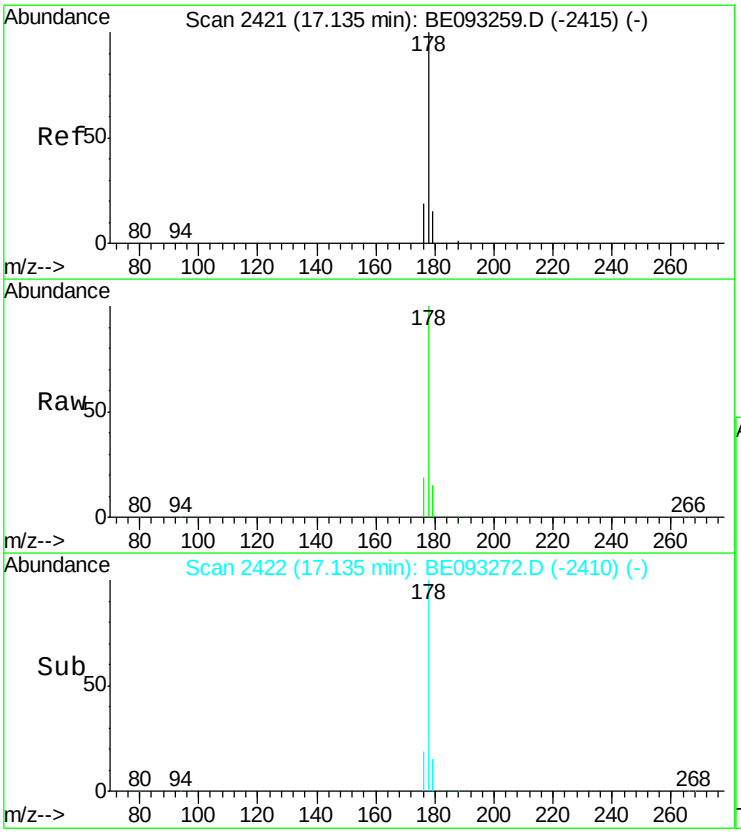
#9
Fluorene
Concen: 0.632 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Instrument :
BNA_E
ClientSampleId :
F5D37

Tgt Ion:166 Resp: 18231

Ion	Ratio	Lower	Upper
166	100		
165	98.9	73.4	110.2
167	15.0	14.6	22.0

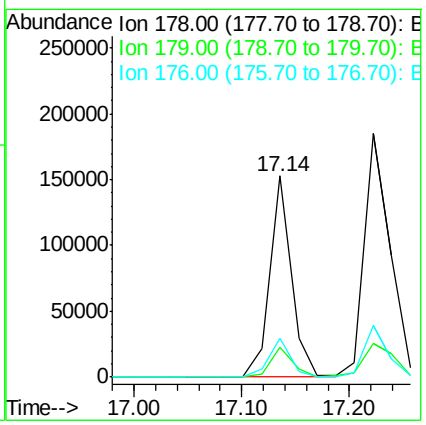


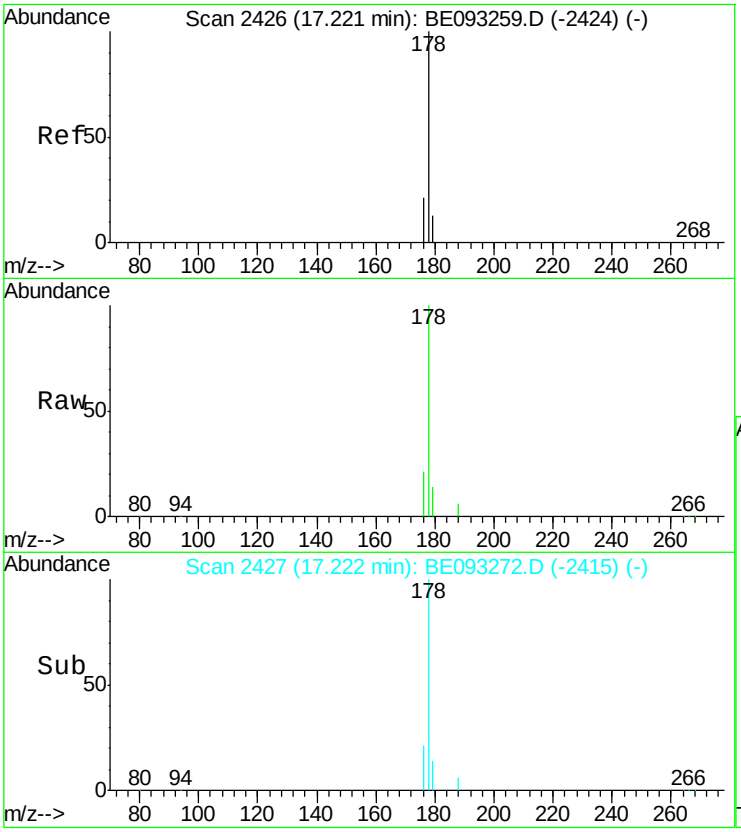


#12
Phenanthrene
Concen: 4.634 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Tgt Ion:178 Resp: 212386

Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.4	27.6#
176	19.4	13.6	20.4



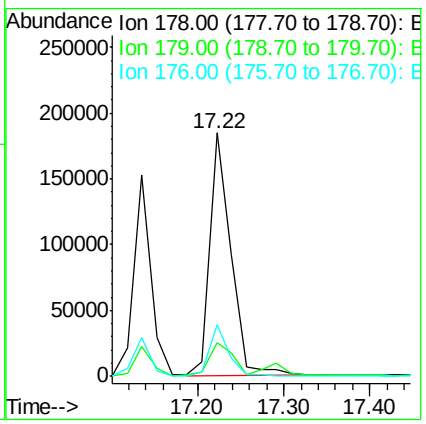


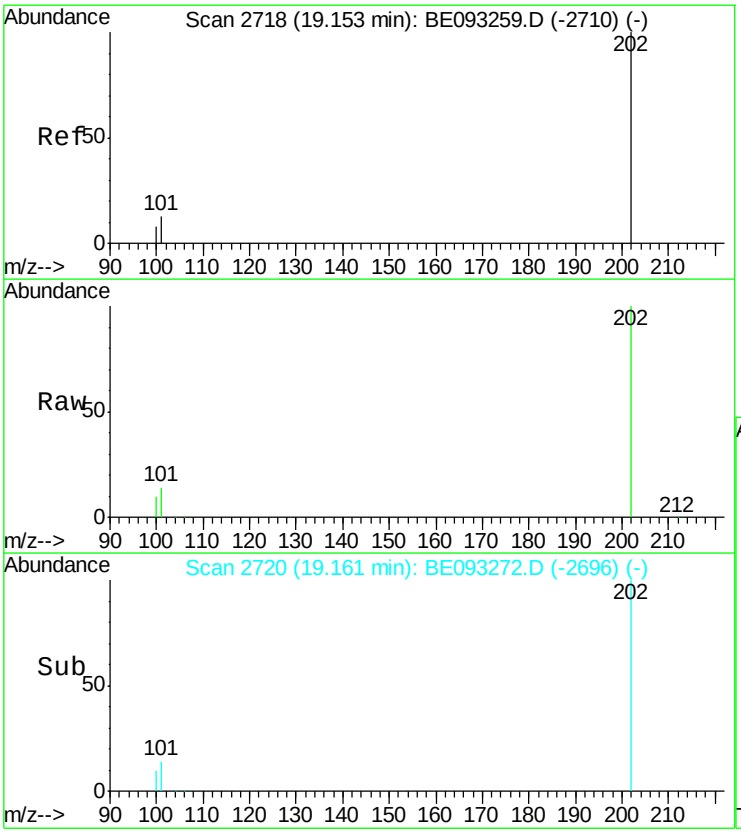
#13
Anthracene
Concen: 7.892 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Instrument :
BNA_E
ClientSampleId :
F5D37

Tgt Ion:178 Resp: 314915

Ion	Ratio	Lower	Upper
178	100		
179	13.6	18.1	27.1#
176	21.3	14.7	22.1

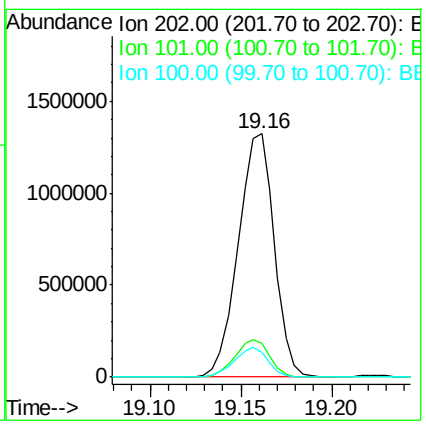


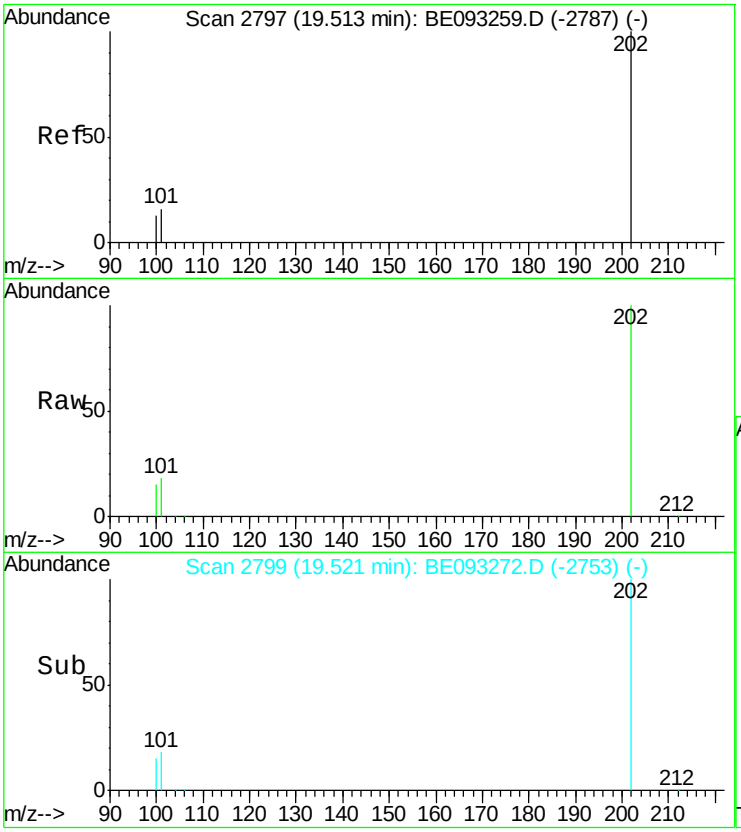


#15
Fluoranthene
Concen: 32.443 ng/ul
RT: 19.16 min Scan# 2720
Delta R.T. 0.01 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Tgt Ion:202 Resp: 1823420

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	30.3
100	10.1	0.0	39.5



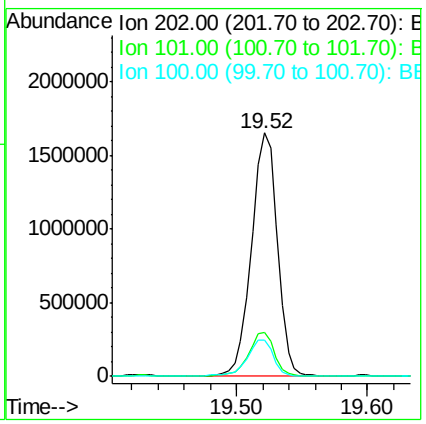


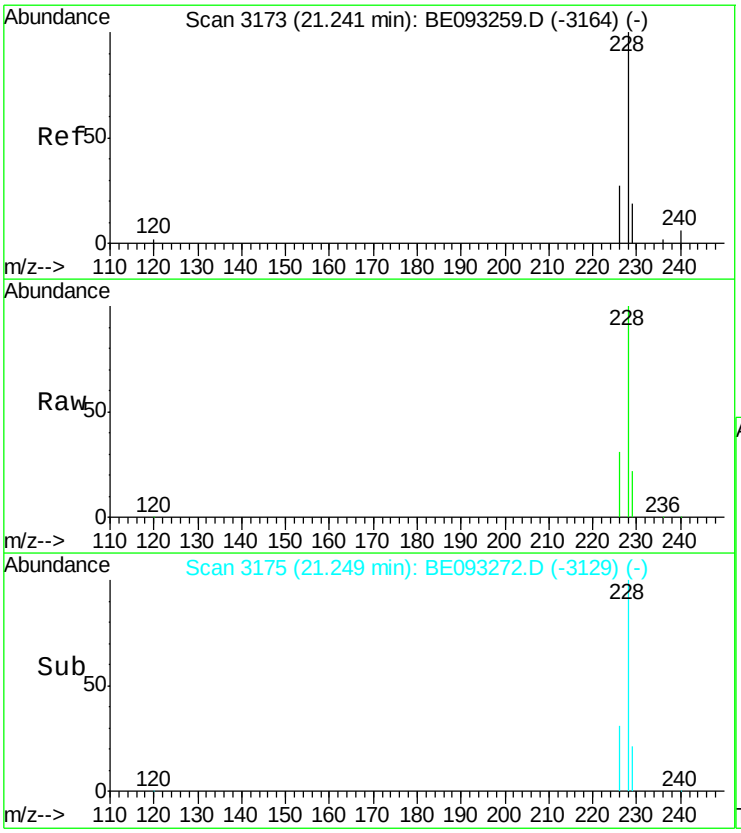
#17
Pyrene
Concen: 43.523 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Instrument :
BNA_E
ClientSampleId :
F5D37

Tgt Ion:202 Resp: 2275431

Ion	Ratio	Lower	Upper
202	100		
101	18.0	18.2	27.4#
100	14.9	15.6	23.4#

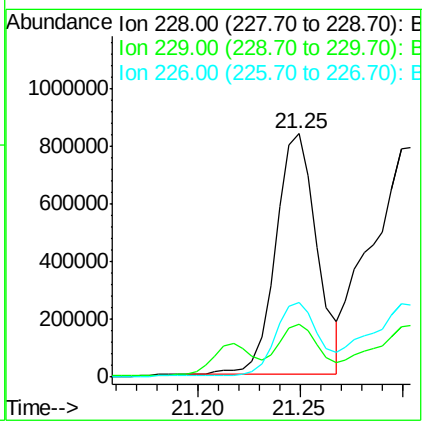


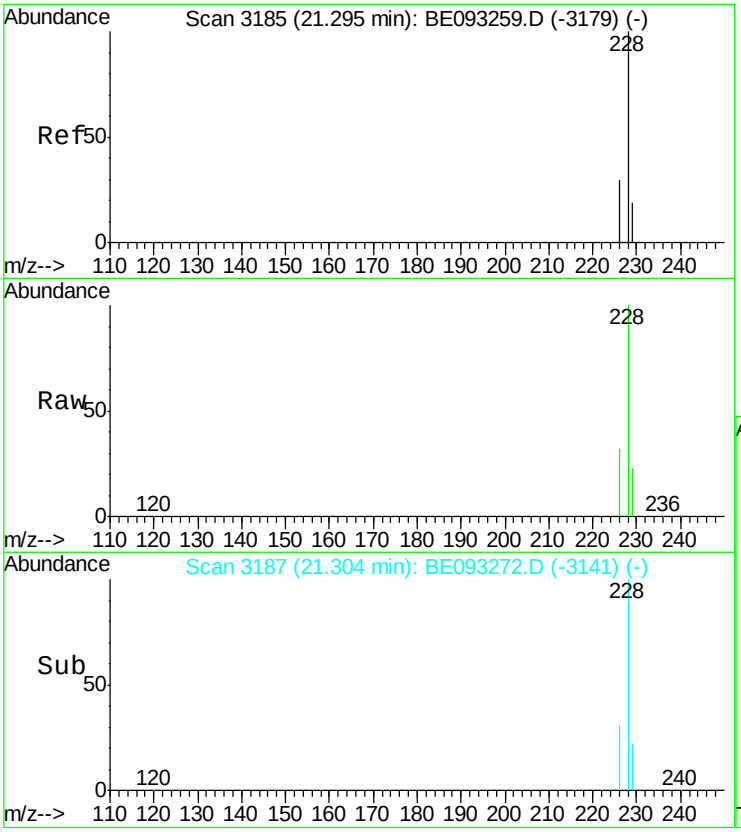


#18
Benzo(a)anthracene
Concen: 24.851 ng/ul
RT: 21.25 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Tgt Ion:228 Resp: 1175149

Ion	Ratio	Lower	Upper
228	100		
229	21.8	22.8	34.2#
226	30.9	17.0	25.6#



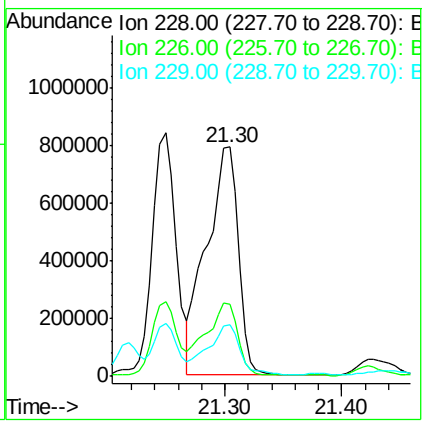


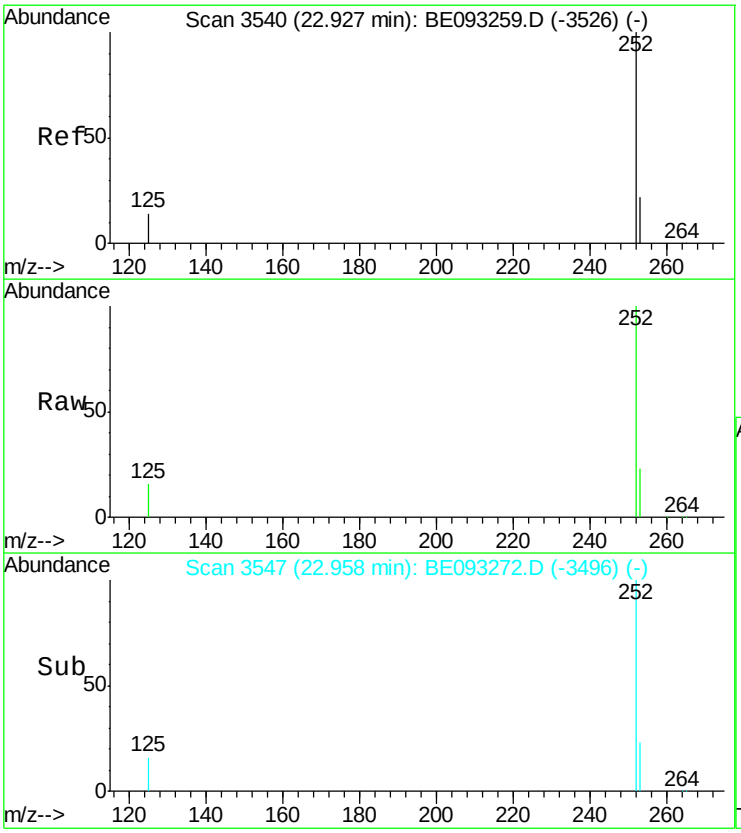
#19
Chrysene
Concen: 30.557 ng/ul
RT: 21.30 min Scan# 3187
Delta R.T. 0.01 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Instrument :
BNA_E
ClientSampleId :
F5D37

Tgt Ion:228 Resp: 1498925

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.0
229	22.5	17.7	26.5

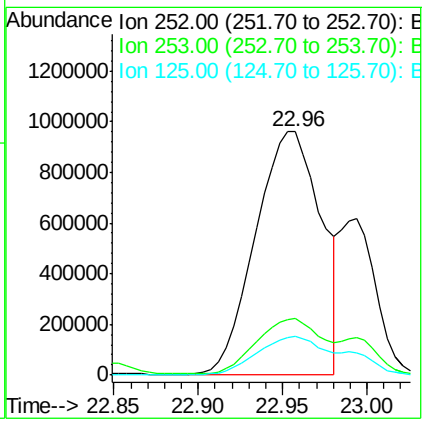


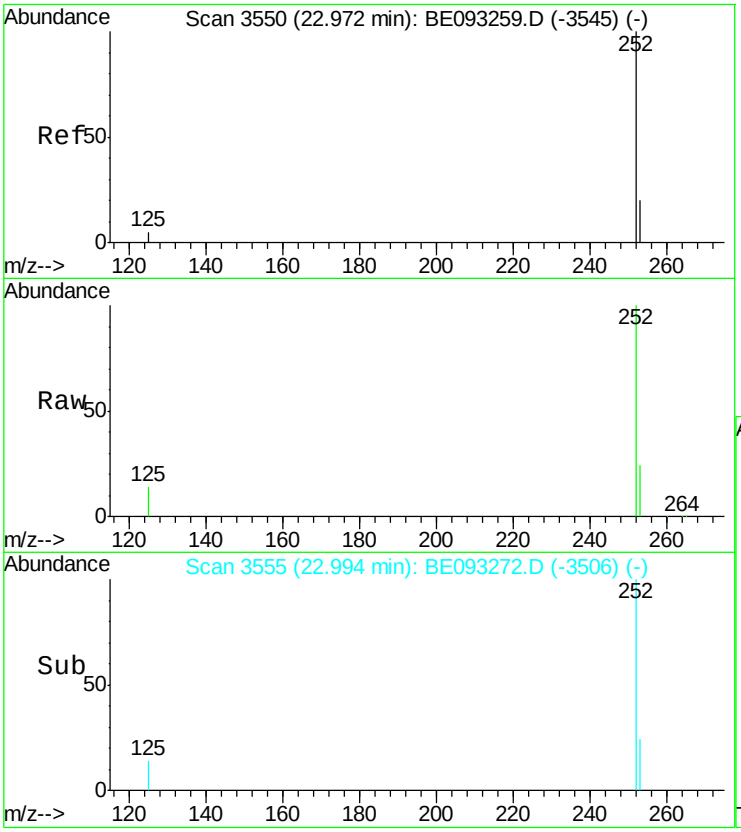


#21
Benzo(b)fluoranthene
Concen: 45.123 ng/ul m
RT: 22.96 min Scan# 3547
Delta R.T. 0.03 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Tgt Ion:252 Resp: 2599053

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	64.2
125	15.8	0.0	35.0



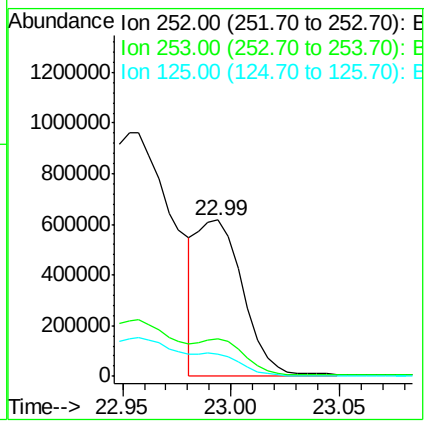


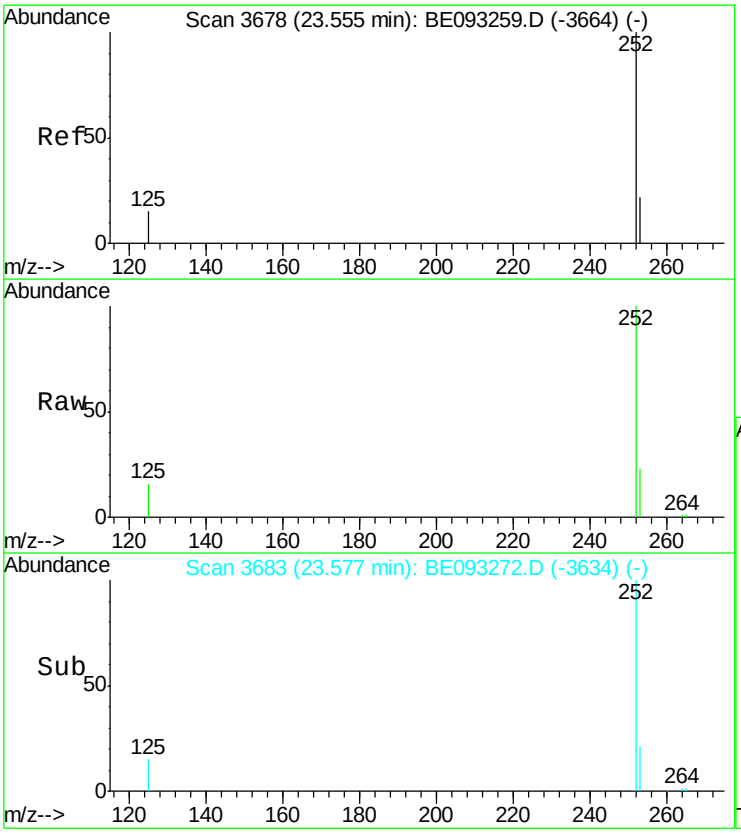
#22
Benzo(k)fluoranthene
Concen: 15.063 ng/ul m
RT: 22.99 min Scan# 3555
Delta R.T. 0.02 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Instrument :
BNA_E
ClientSampleId :
F5D37

Tgt Ion:252 Resp: 921449

Ion	Ratio	Lower	Upper
252	100		
253	24.1	24.5	36.7#
125	14.4	13.7	20.5

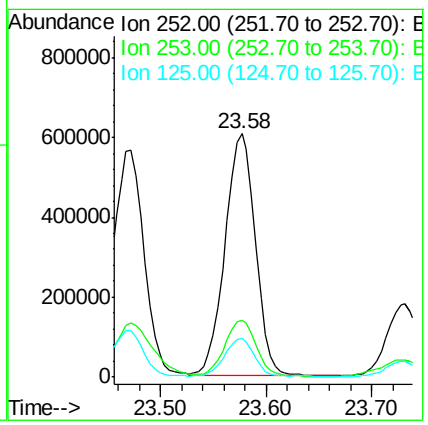


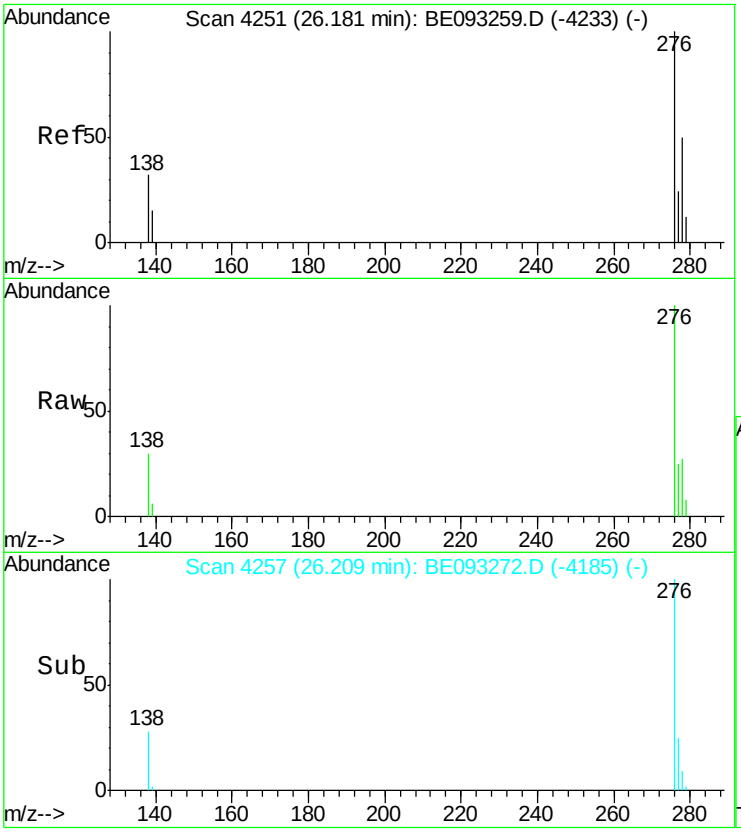


#23
Benzo(a)pyrene
Concen: 22.235 ng/ul
RT: 23.58 min Scan# 3683
Delta R.T. 0.02 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Tgt Ion:252 Resp: 1210954

Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	15.8	18.1	27.1#



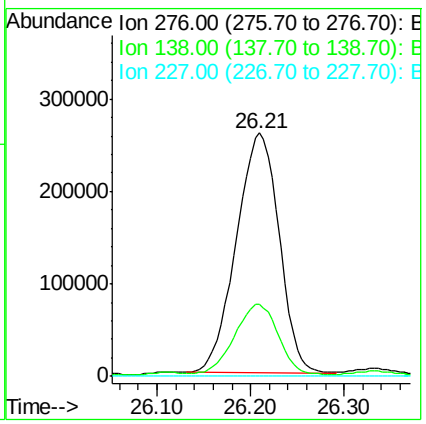


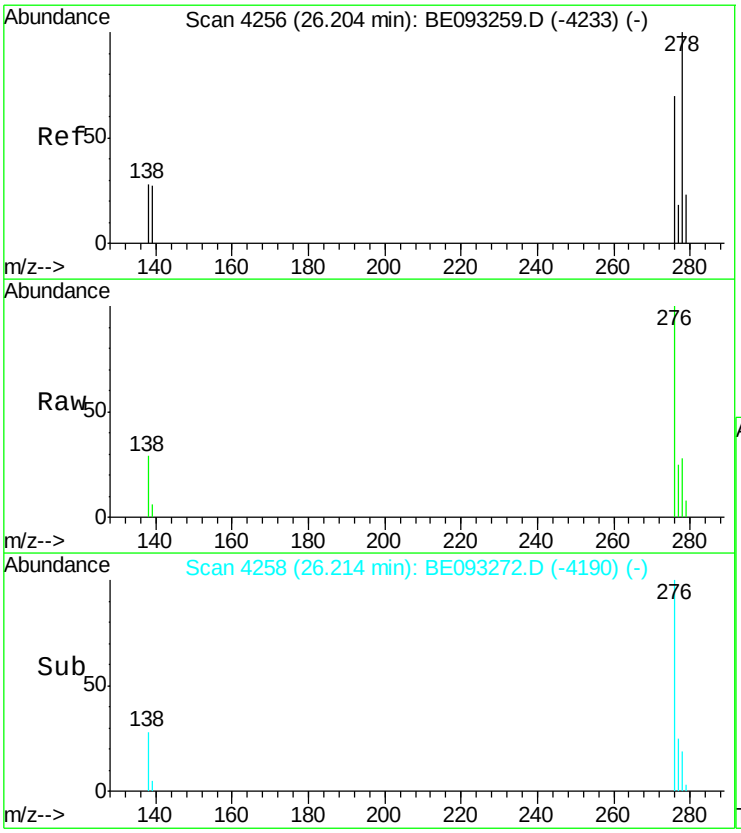
#24
Indeno(1,2,3-cd)pyrene
Concen: 13.099 ng/ul
RT: 26.21 min Scan# 4257
Delta R.T. 0.03 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Instrument :
BNA_E
ClientSampleId :
F5D37

Tgt Ion:276 Resp: 826069

Ion	Ratio	Lower	Upper
276	100		
138	30.0	28.0	42.0
227	0.0	8.0	12.0#

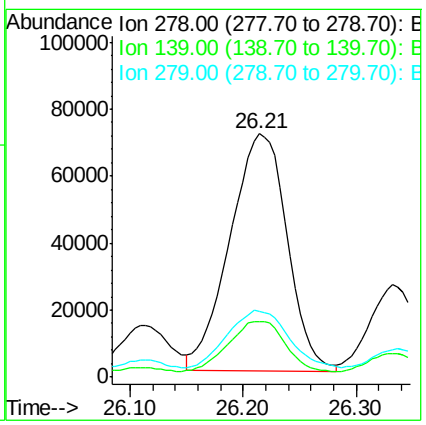


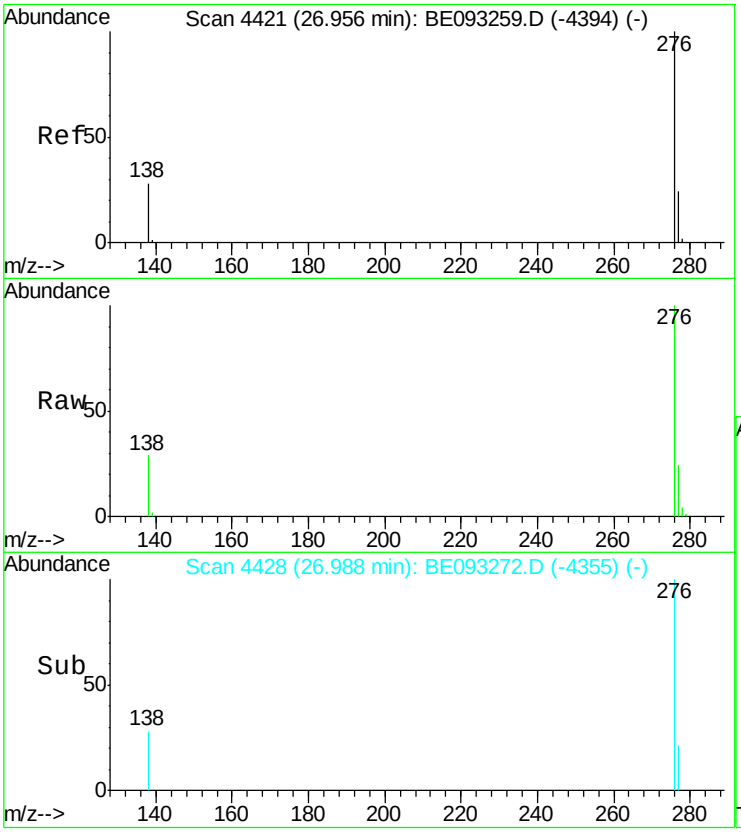


#25
Dibenzo(a,h)anthracene
Concen: 4.641 ng/ul
RT: 26.21 min Scan# 4258
Delta R.T. 0.01 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Tgt Ion:278 Resp: 246477

Ion	Ratio	Lower	Upper
278	100		
139	22.8	17.4	26.0
279	26.9	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 9.441 ng/ul
RT: 26.99 min Scan# 4428
Delta R.T. 0.03 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Instrument :
BNA_E
ClientSampleId :
F5D37

Tgt Ion:276 Resp: 510577

Ion	Ratio	Lower	Upper
276	100		
138	29.2	21.8	32.8
277	24.3	20.5	30.7