Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093214.D
Acq On : 15 Jun 2017 18:41
Operator : SJ/MA
Sample : I3521-06DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 16 04:44:11 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	2895	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	14947	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8774	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	20837	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	21470	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	19746	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1507	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	4020	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	2638	0.07	ng/ul#	94
5) 2-Methylnaphthalene	12.19	142	651	0.03	ng/ul	98
7) Acenaphthylene	14.09	152	8452	0.22	ng/ul	97
8) Acenaphthene	14.43	153	449	0.01	ng/ul	94
9) Fluorene	15.42	166	419	0.01	ng/ul#	78
12) Phenanthrene	17.14	178	79189	1.38	ng/ul#	88
13) Anthracene	17.22	178	15706	0.31	ng/ul#	88
15) Fluoranthene	19.15	202	142641	2.03	ng/ul	84
17) Pyrene	19.52	202	102833	1.62	ng/ul#	82
18) Benzo(a)anthracene	21.24	228	26971	0.47	ng/ul#	85
19) Chrysene	21.29	228	58605	0.99	ng/ul	97
21) Benzo(b)fluoranthene	22.94	252	88281	1.47	ng/ul	90
22) Benzo(k)fluoranthene	22.94	252	88281	1.39	ng/ul#	91
23) Benzo(a)pyrene	23.56	252	20677	0.36	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.19	276	21002	0.32	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.20	278	4813	0.09	ng/ul#	66
26) Benzo(g,h,i)perylene	26.96	276	16862	0.30	ng/ul#	93

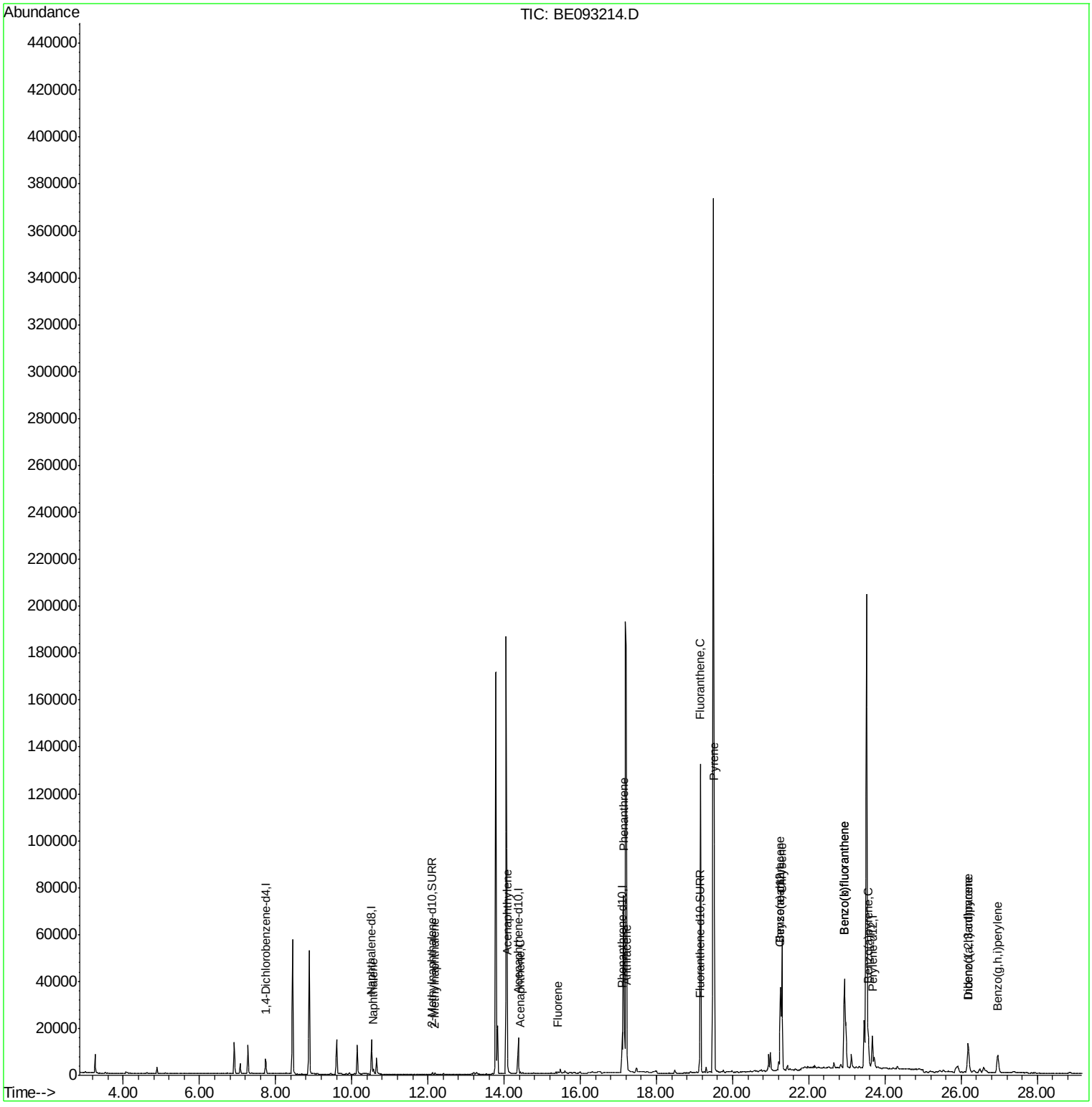
(#) = qualifier out of range (m) = manual integration (+) = signals summed

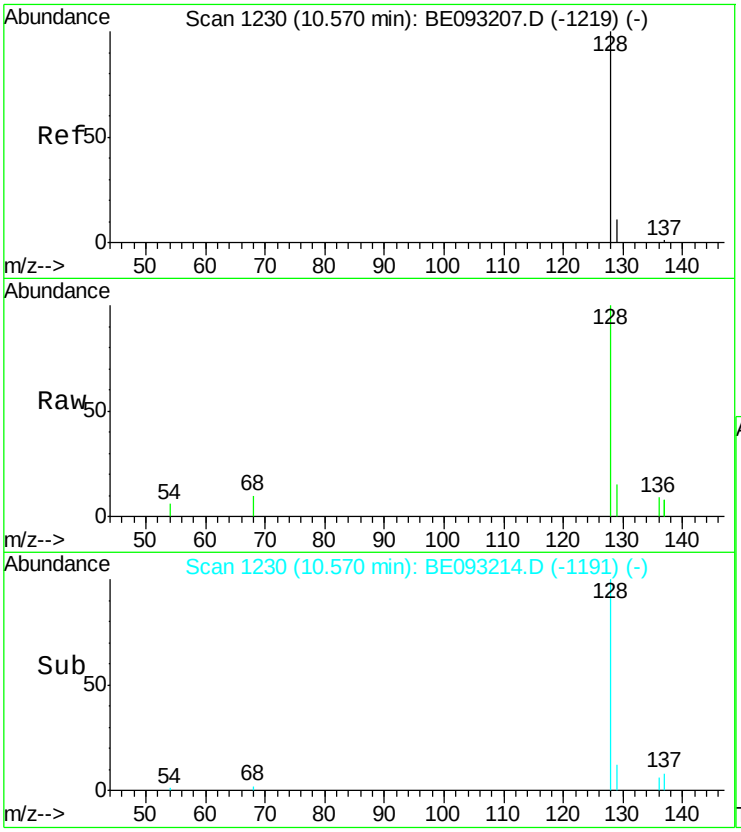
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093214.D
Acq On : 15 Jun 2017 18:41
Operator : SJ/MA
Sample : I3521-06DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 16 04:44:11 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



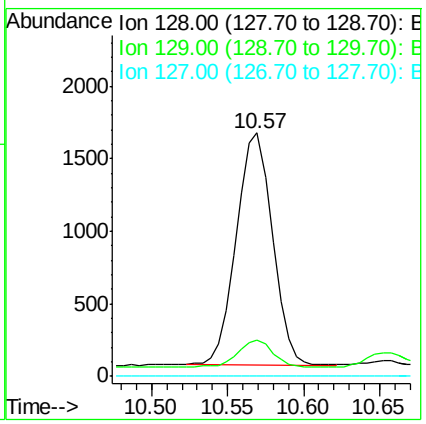


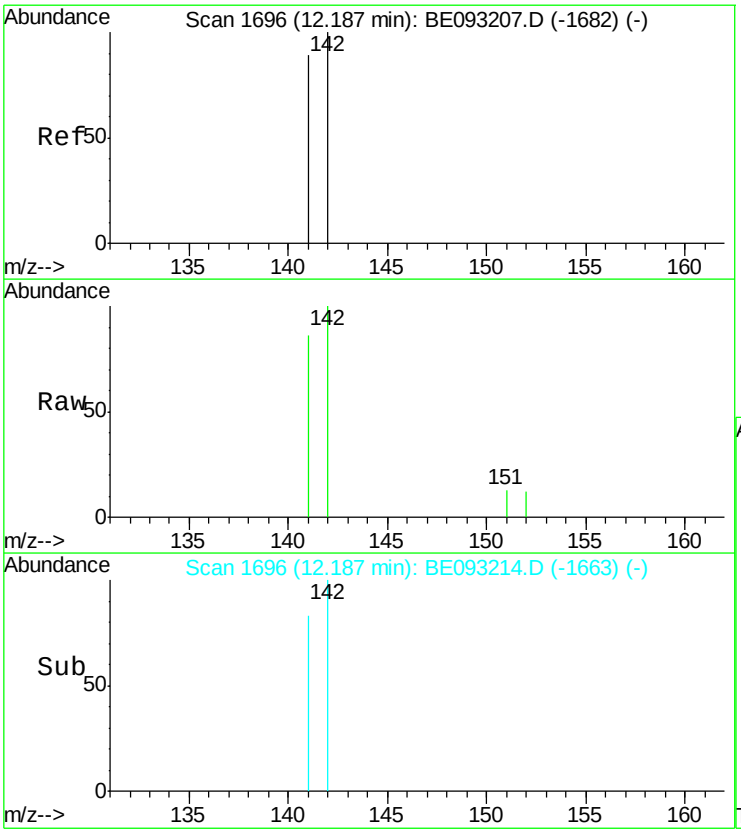
#3
Naphthalene
Concen: 0.07 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 2638

Ion	Ratio	Lower	Upper
128	100		
129	15.1	11.3	16.9
127	0.0	4.0	6.0#

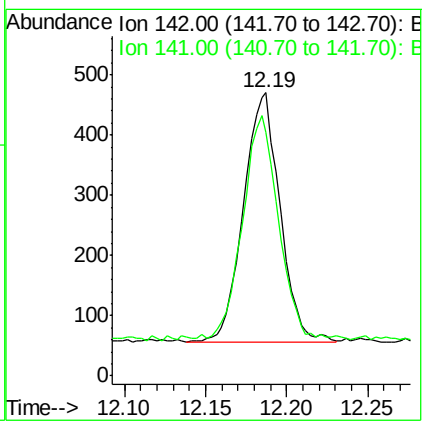


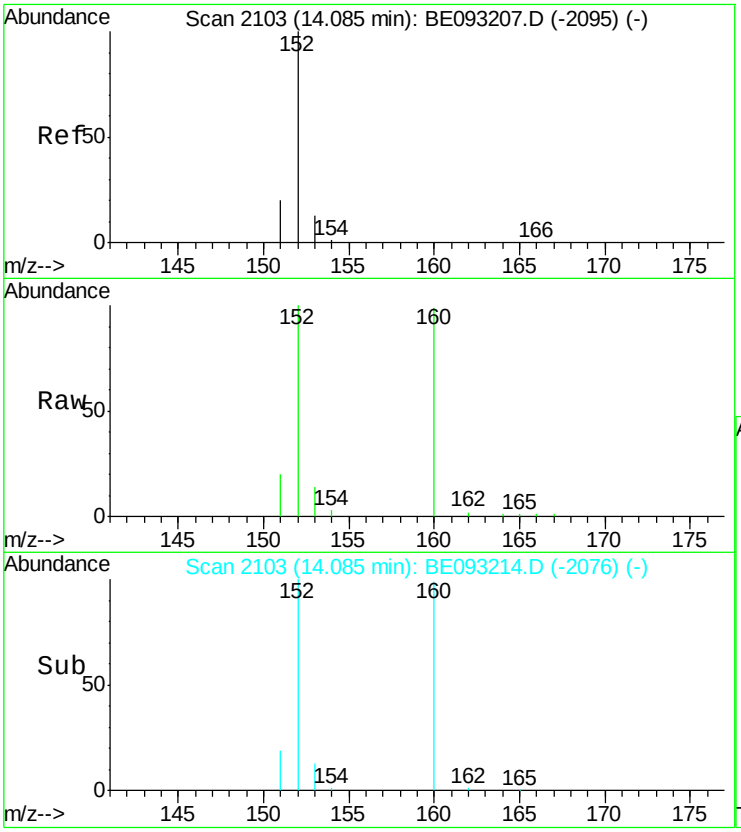


#5
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.19 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Tgt Ion:142 Resp: 651

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	108.8



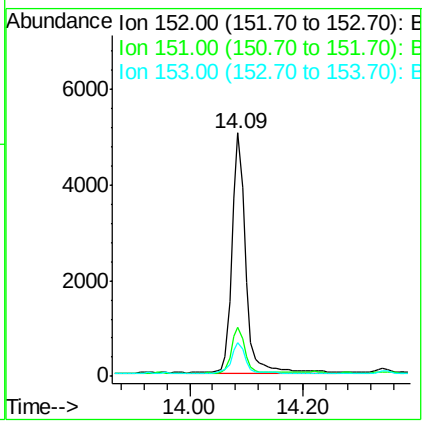


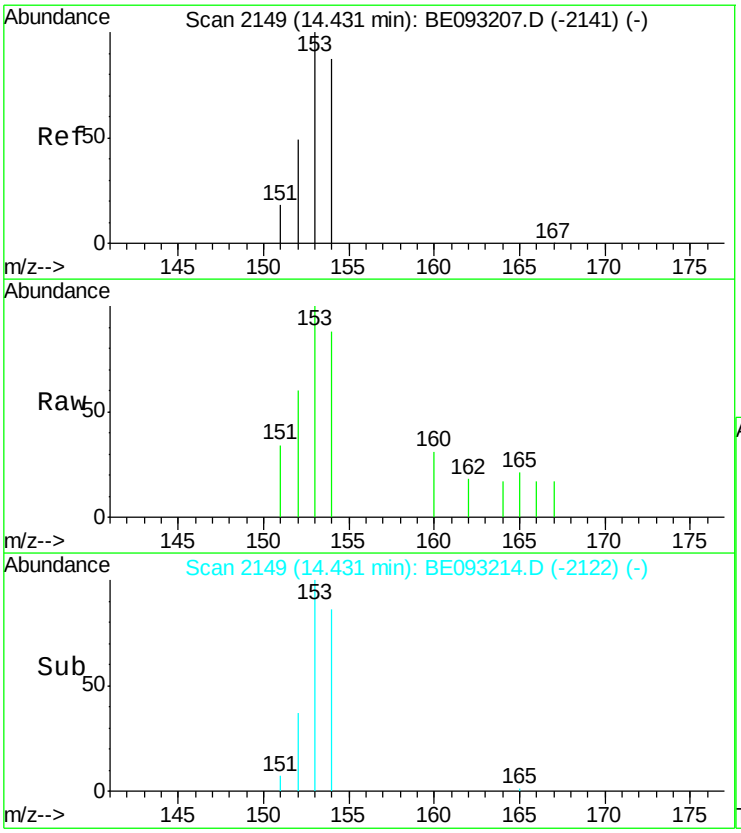
#7
Acenaphthylene
Concen: 0.22 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8452

Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.1	25.7
153	13.9	12.8	19.2

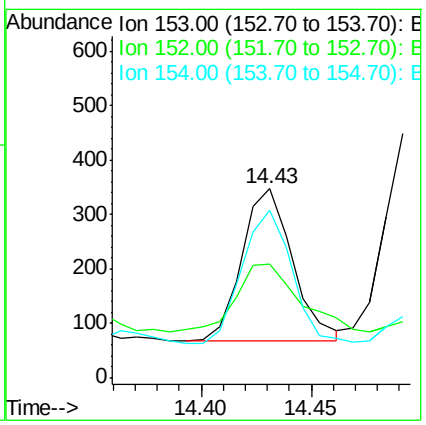


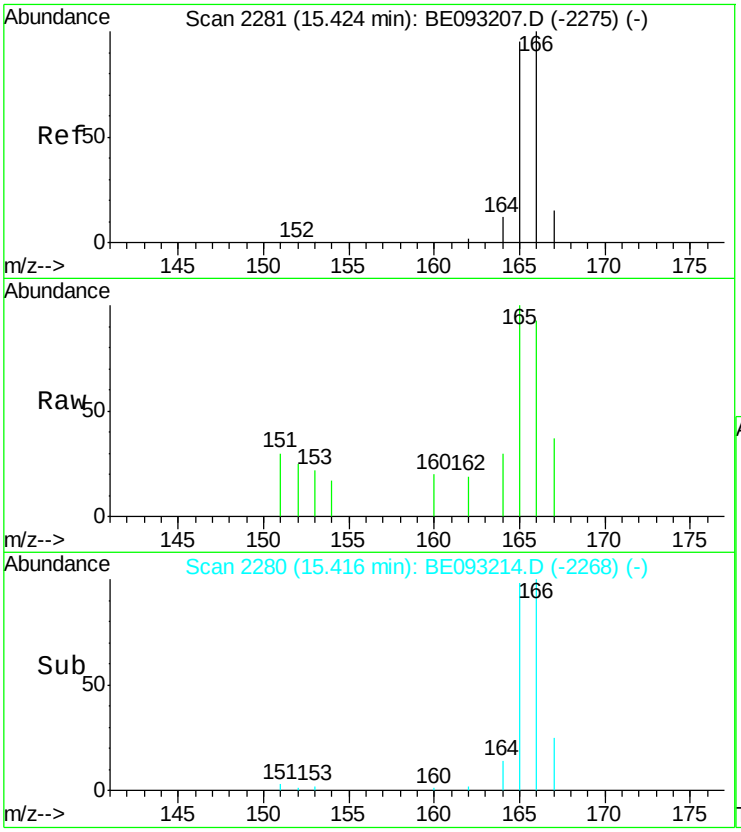


#8
Acenaphthene
Concen: 0.01 ng/ul
RT: 14.43 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Tgt Ion:153 Resp: 449

Ion	Ratio	Lower	Upper
153	100		
152	60.2	40.3	60.5
154	88.2	71.4	107.2



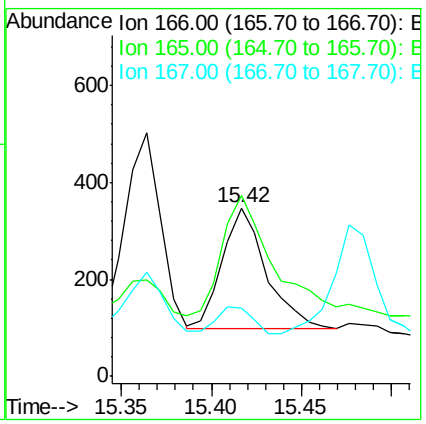


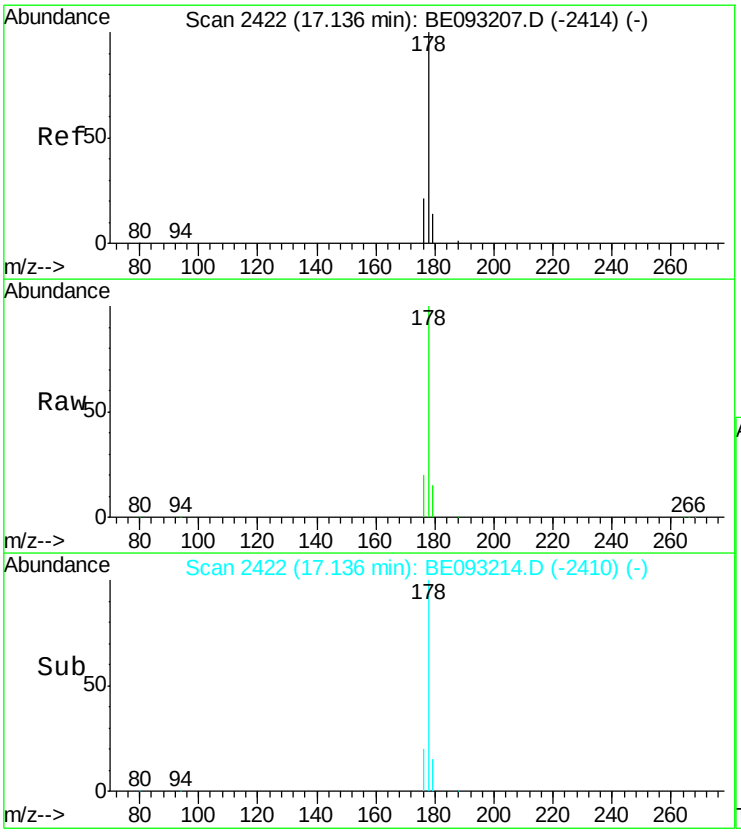
#9
Fluorene
Concen: 0.01 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 419

Ion	Ratio	Lower	Upper
166	100		
165	107.8	73.4	110.2
167	40.3	14.6	22.0#

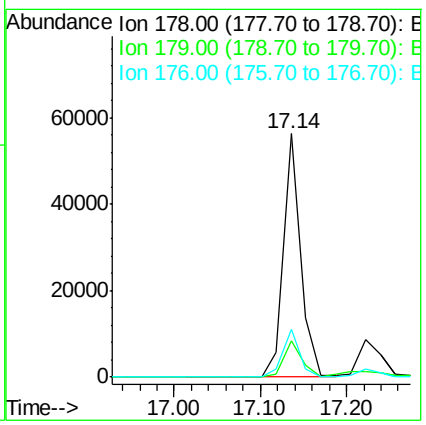


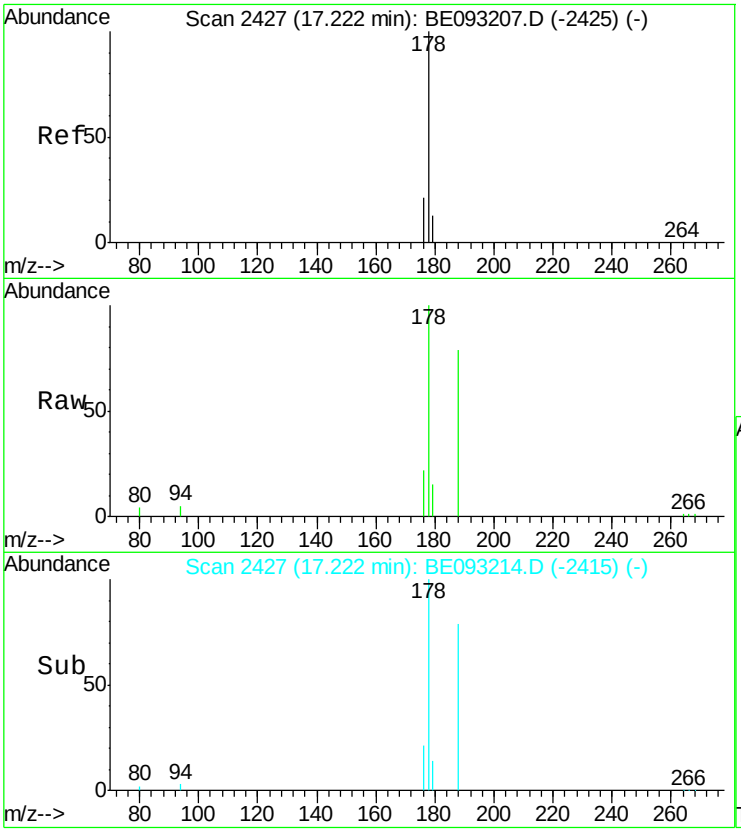


#12
Phenanthrene
Concen: 1.38 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Tgt Ion:178 Resp: 79189

Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.4	27.6#
176	19.9	13.6	20.4



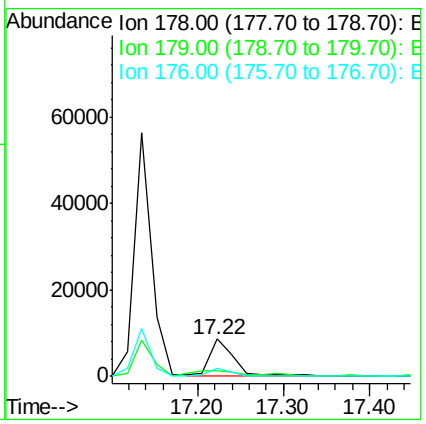


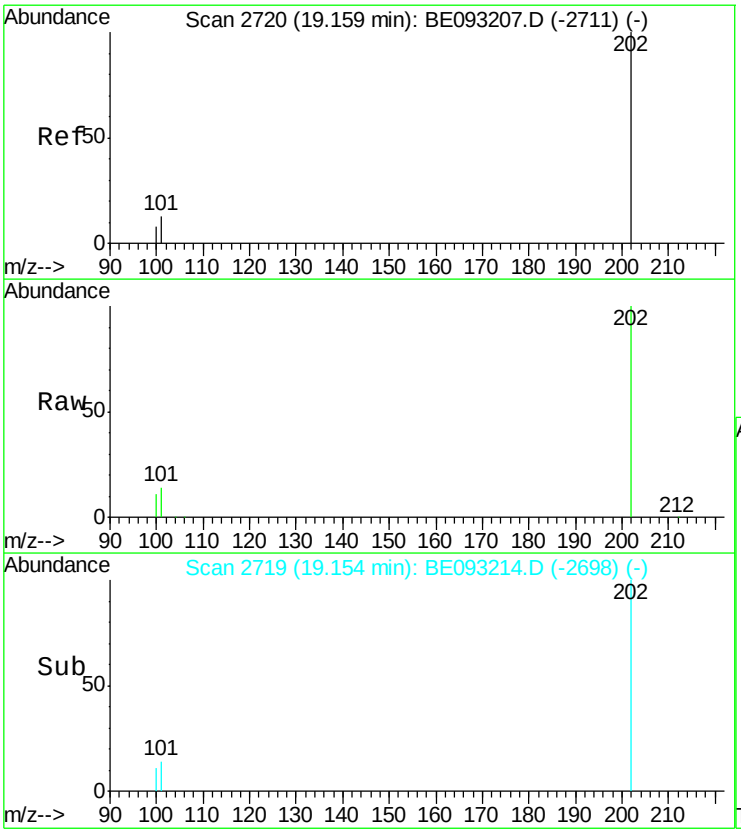
#13
Anthracene
Concen: 0.31 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 15706

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	22.1	14.7	22.1#

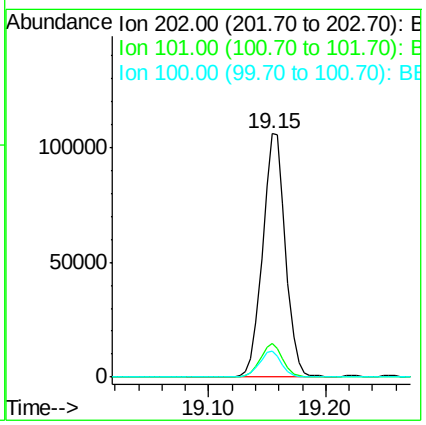


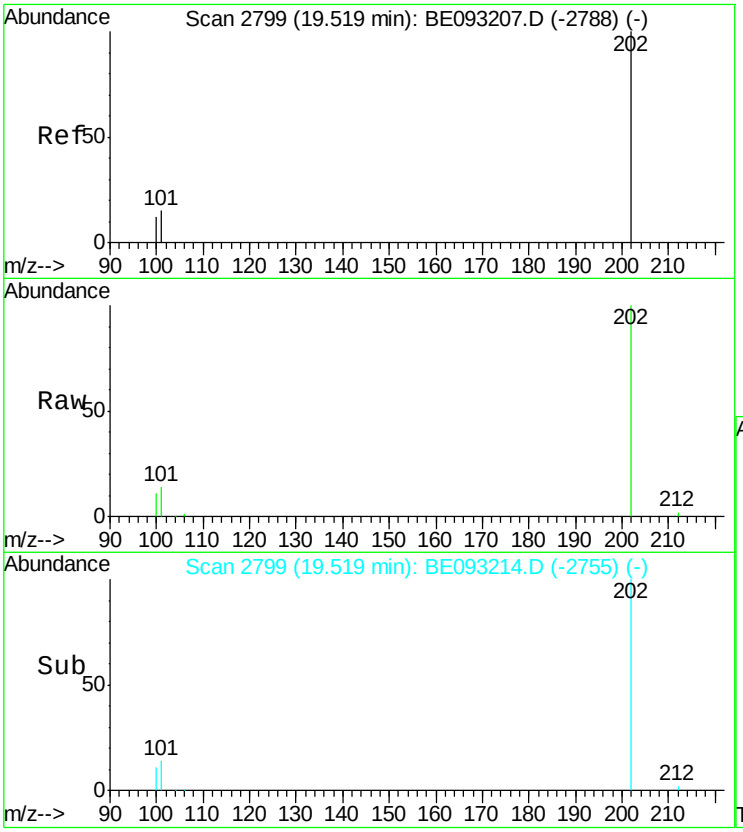


#15
Fluoranthene
Concen: 2.03 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Tgt Ion:202 Resp: 142641

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	30.3
100	10.6	0.0	39.5



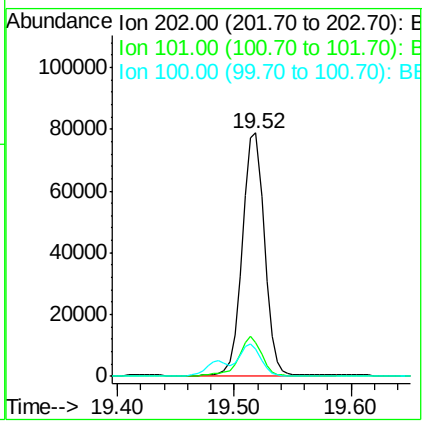


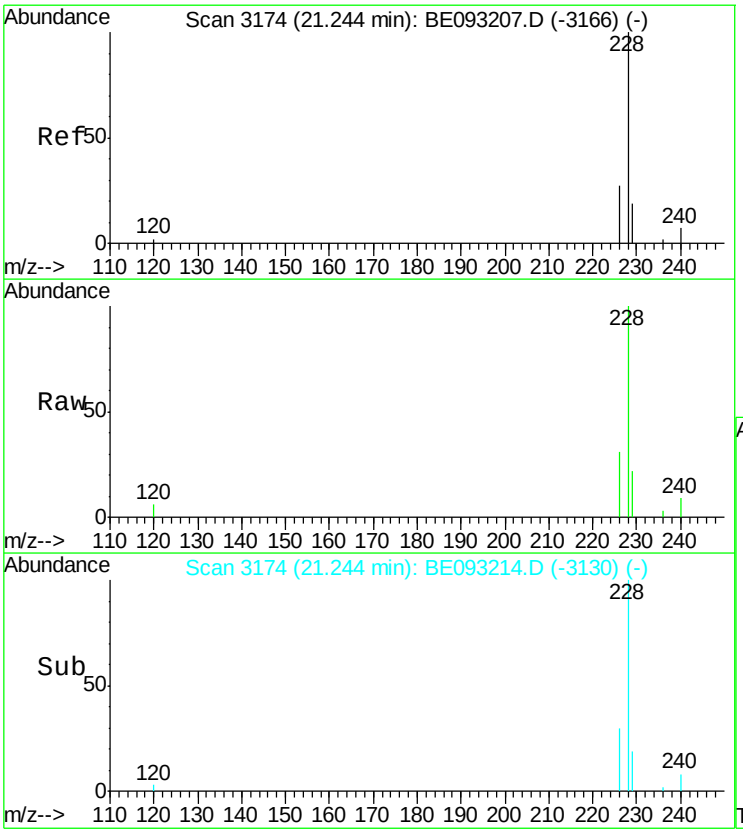
#17
Pyrene
Concen: 1.62 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 102833

Ion	Ratio	Lower	Upper
202	100		
101	14.1	18.2	27.4#
100	11.2	15.6	23.4#

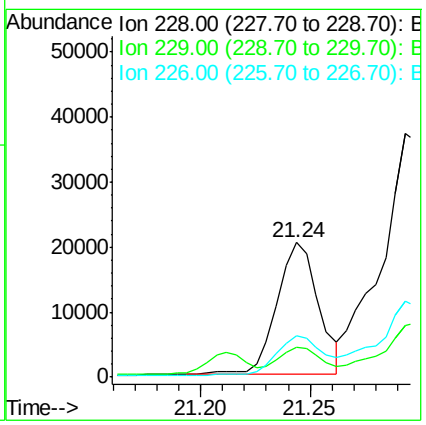


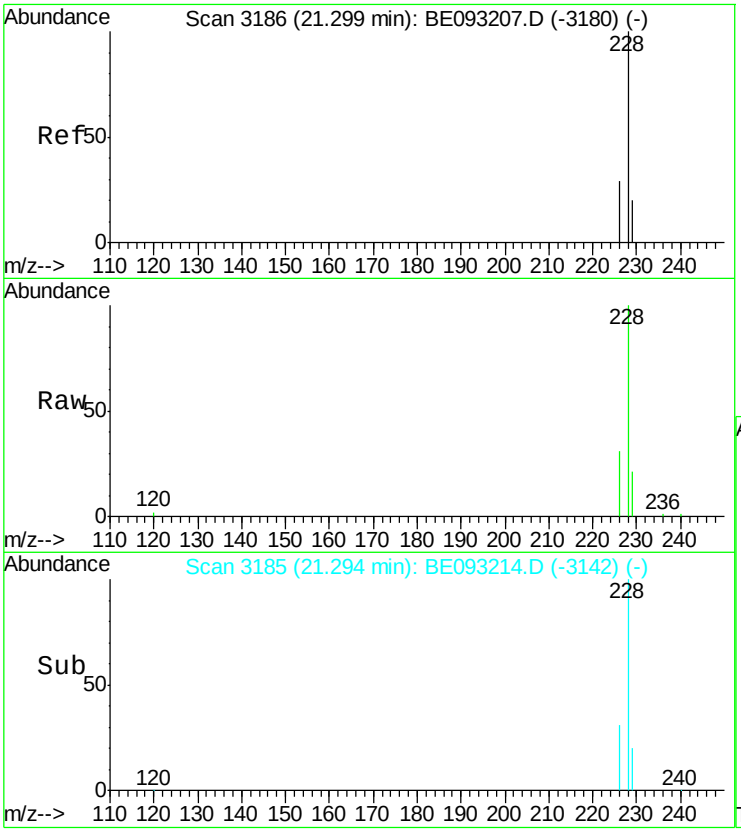


#18
Benzo(a)anthracene
Concen: 0.47 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Tgt Ion:228 Resp: 26971

Ion	Ratio	Lower	Upper
228	100		
229	22.0	22.8	34.2#
226	30.6	17.0	25.6#



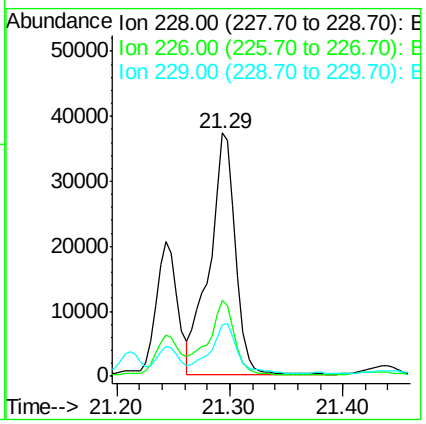


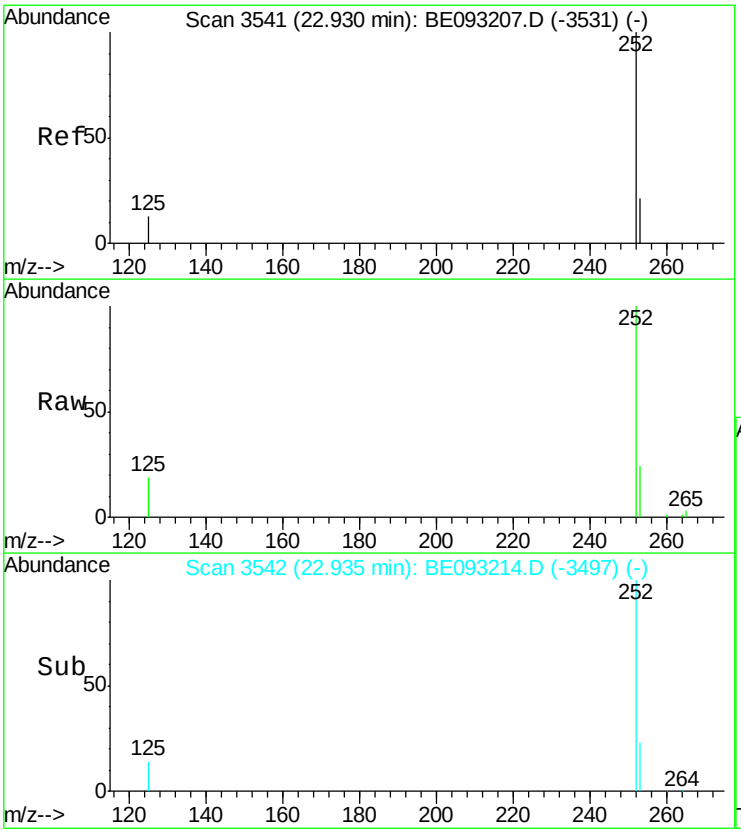
#19
Chrysene
Concen: 0.99 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 58605

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.0
229	21.4	17.7	26.5

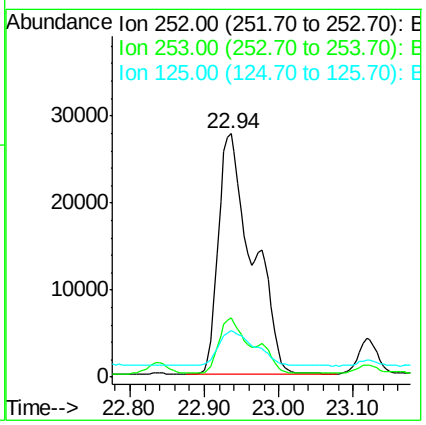


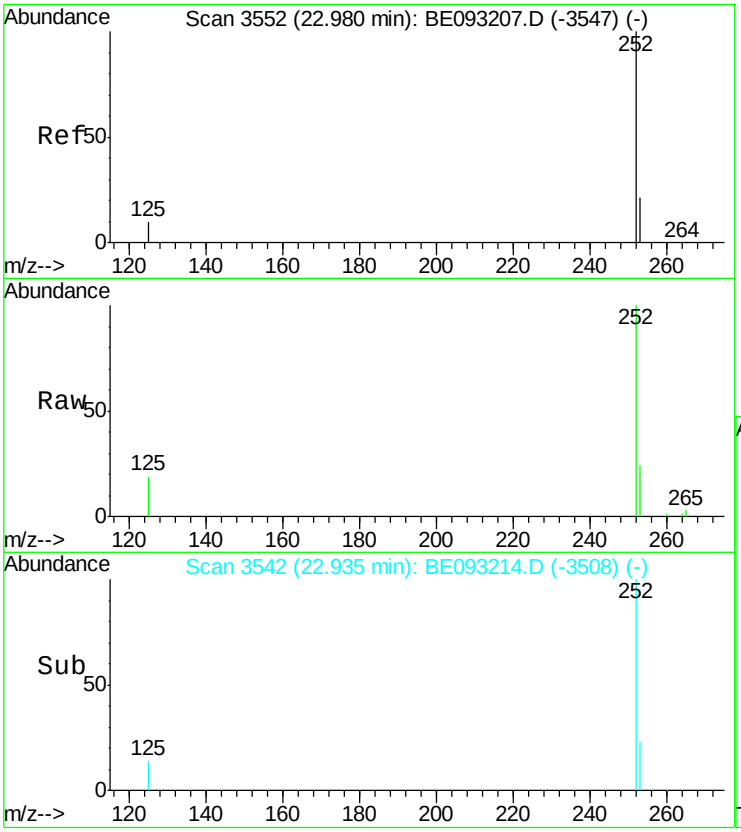


#21
Benzo(b)fluoranthene
Concen: 1.47 ng/ul
RT: 22.94 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Tgt Ion:252 Resp: 88281

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	64.2
125	18.9	0.0	35.0



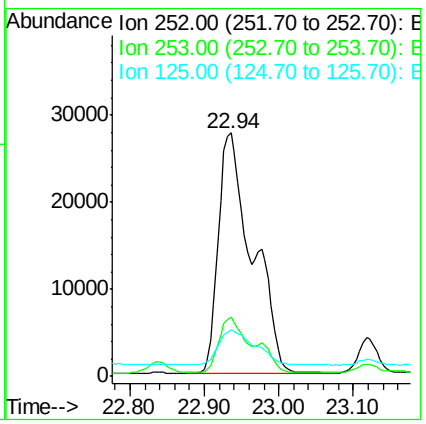


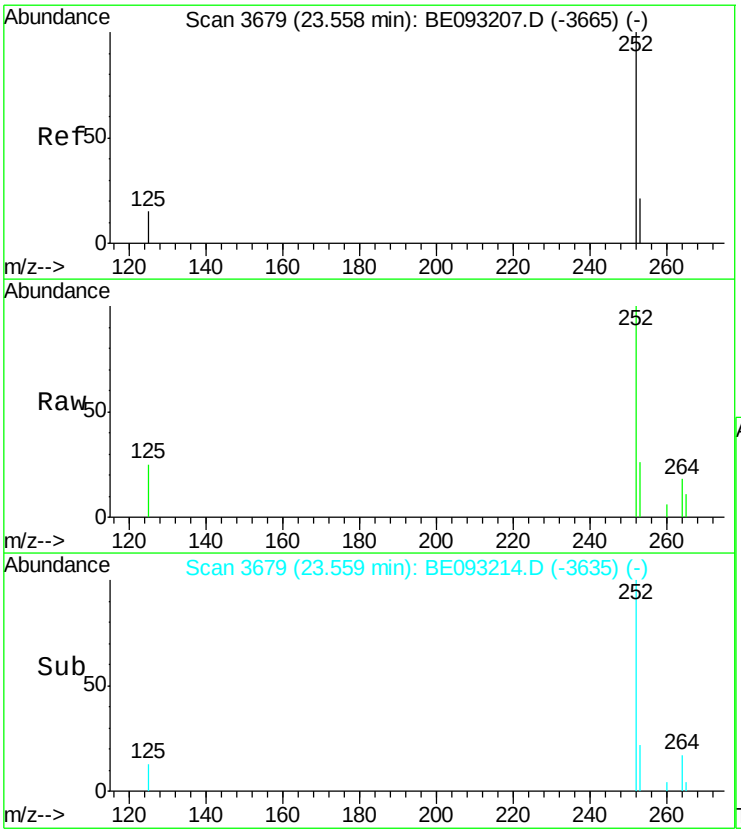
#22
Benzo(k)fluoranthene
Concen: 1.39 ng/ul
RT: 22.94 min Scan# 3542
Delta R.T. -0.04 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 88281

Ion	Ratio	Lower	Upper
252	100		
253	24.1	24.5	36.7#
125	18.9	13.7	20.5

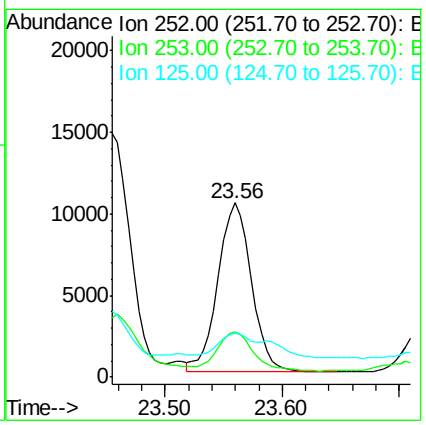


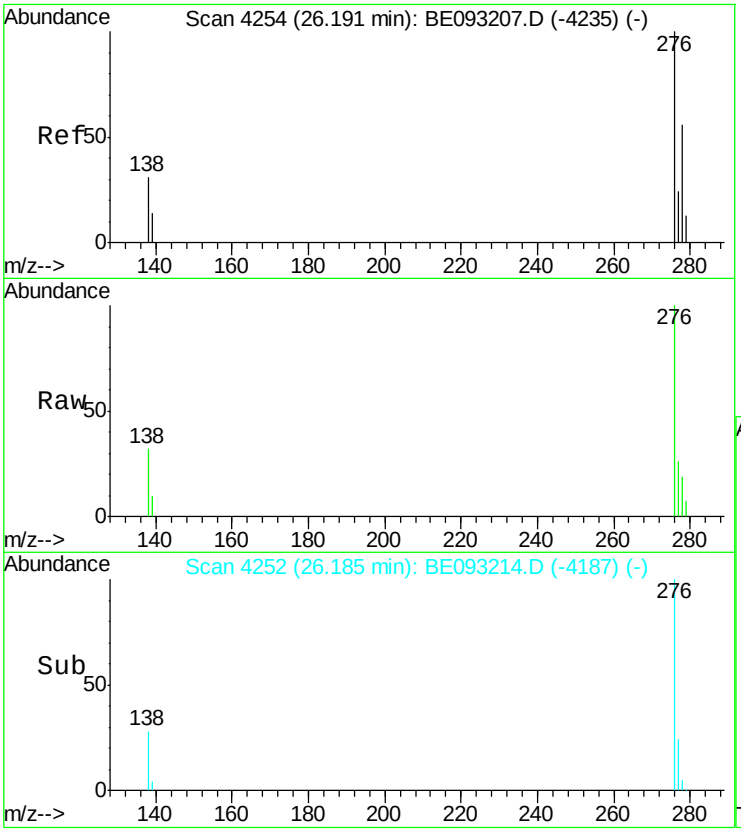


#23
Benzo(a)pyrene
Concen: 0.36 ng/ul
RT: 23.56 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Tgt Ion:252 Resp: 20677

Ion	Ratio	Lower	Upper
252	100		
253	26.2	28.5	42.7#
125	25.0	18.1	27.1



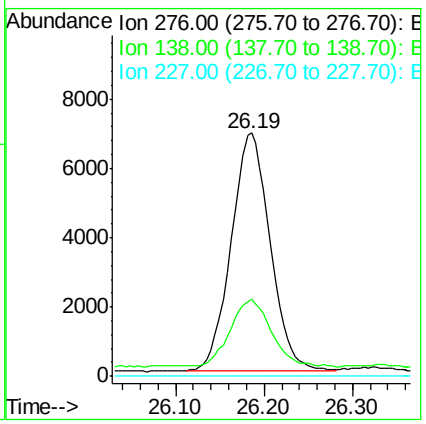


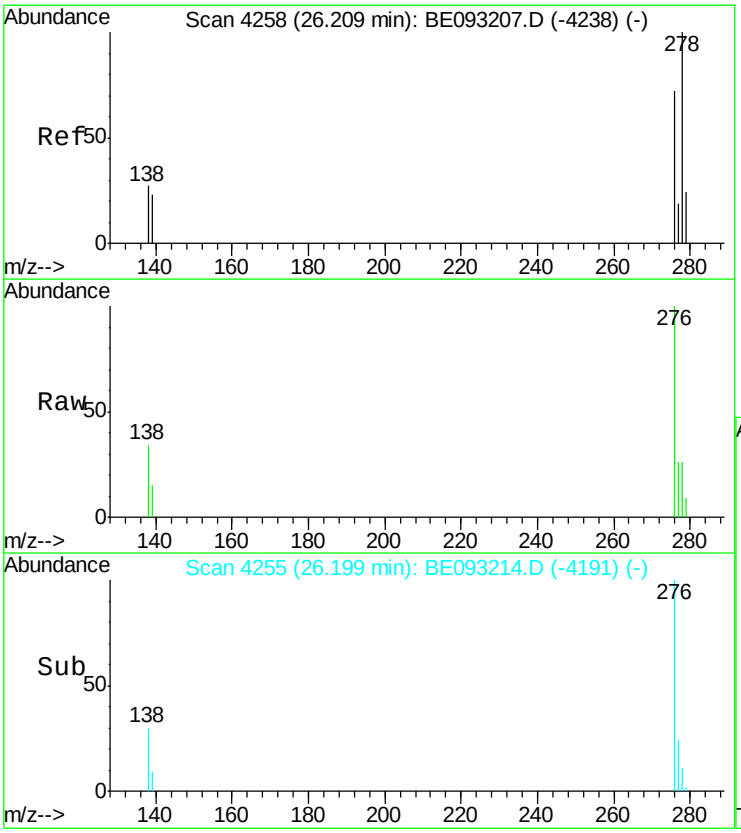
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.32 ng/ul
RT: 26.19 min Scan# 4252
Delta R.T. -0.01 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 21002

Ion	Ratio	Lower	Upper
276	100		
138	29.6	28.0	42.0
227	0.0	8.0	12.0#

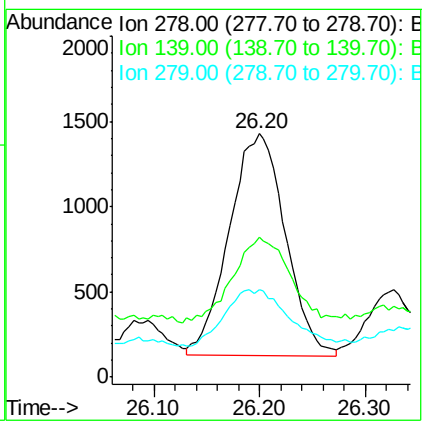


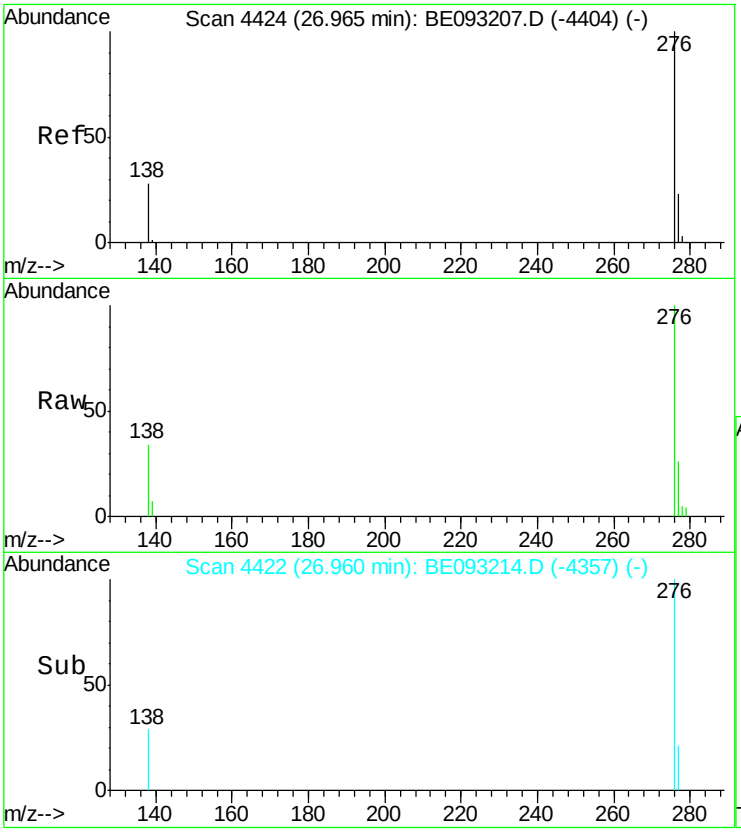


#25
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 26.20 min Scan# 4255
Delta R.T. -0.01 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Tgt Ion:278 Resp: 4813

Ion	Ratio	Lower	Upper
278	100		
139	57.3	17.4	26.0#
279	35.8	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.30 ng/ul
RT: 26.96 min Scan# 4422
Delta R.T. -0.01 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 16862

Ion	Ratio	Lower	Upper
276	100		
138	34.0	21.8	32.8#
277	25.7	20.5	30.7