Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093212.D
Acq On : 15 Jun 2017 17:26
Operator : SJ/MA
Sample : I3522-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 16 04:43:47 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	2511	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	13914	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8519	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	20101	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	21317	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	17227	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	834	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	2100	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	1753	0.05	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	504	0.02	ng/ul	100
7) Acenaphthylene	14.09	152	26425	0.72	ng/ul	96
8) Acenaphthene	14.43	153	974	0.03	ng/ul#	94
9) Fluorene	15.42	166	1331	0.04	ng/ul#	89
12) Phenanthrene	17.14	178	31401	0.57	ng/ul#	85
13) Anthracene	17.22	178	42142	0.88	ng/ul#	87
15) Fluoranthene	19.16	202	505172	7.45	ng/ul	84
17) Pyrene	19.52	202	538057	8.56	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	251847	4.43	ng/ul#	85
19) Chrysene	21.30	228	331015	5.61	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	575160	11.00	ng/ul	86
22) Benzo(k)fluoranthene	23.12	252	37745	0.68	ng/ul	96
23) Benzo(a)pyrene	23.56	252	174367	3.53	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.19	276	105679	1.85	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.09	278	4002	0.08	ng/ul	91
26) Benzo(g,h,i)perylene	26.96	276	69888	1.42	ng/ul	97

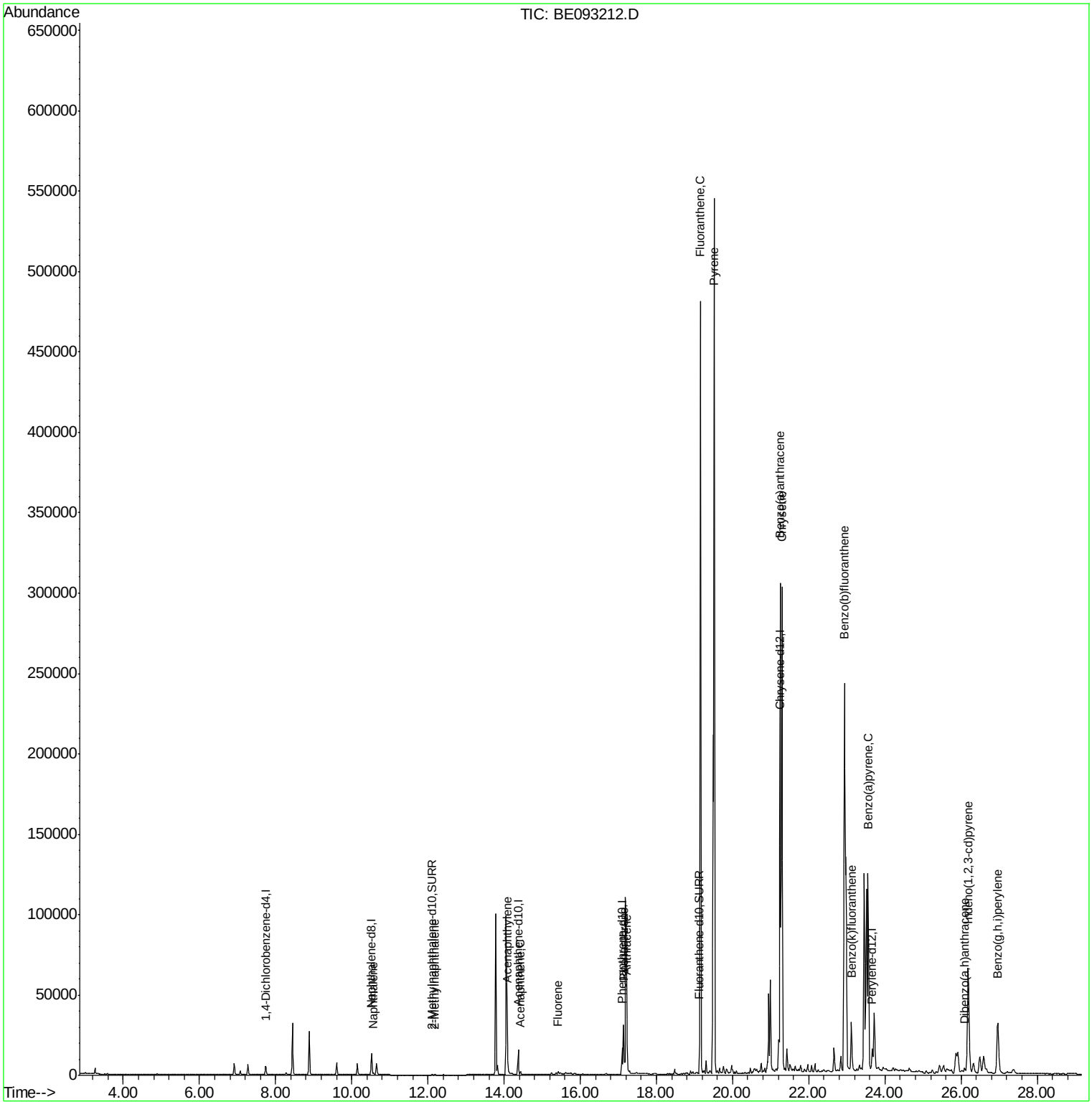
(#) = qualifier out of range (m) = manual integration (+) = signals summed

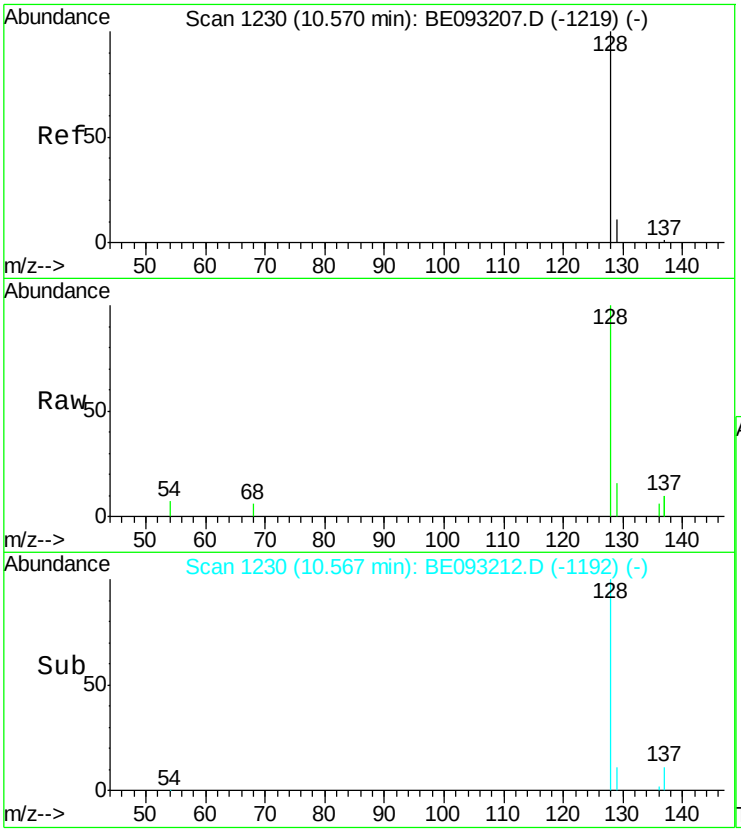
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093212.D
Acq On : 15 Jun 2017 17:26
Operator : SJ/MA
Sample : I3522-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 16 04:43:47 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



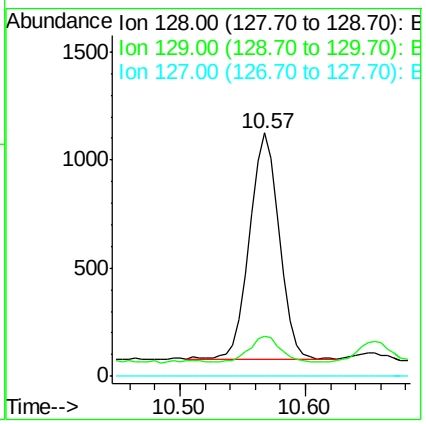


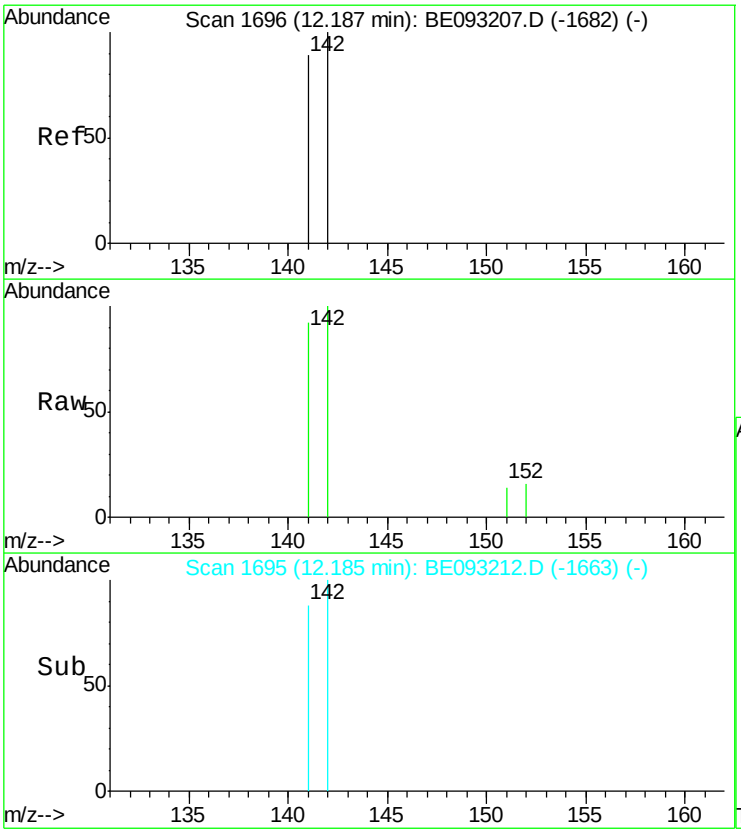
#3
Naphthalene
Concen: 0.05 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1753

Ion	Ratio	Lower	Upper
128	100		
129	16.3	11.3	16.9
127	0.0	4.0	6.0#

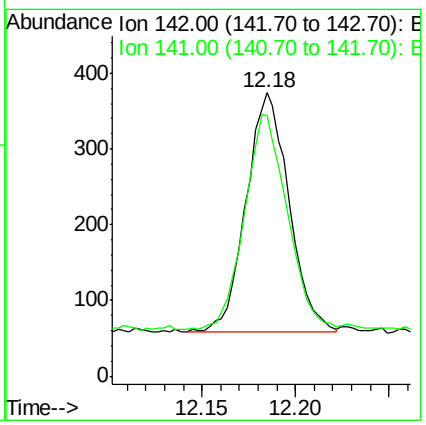


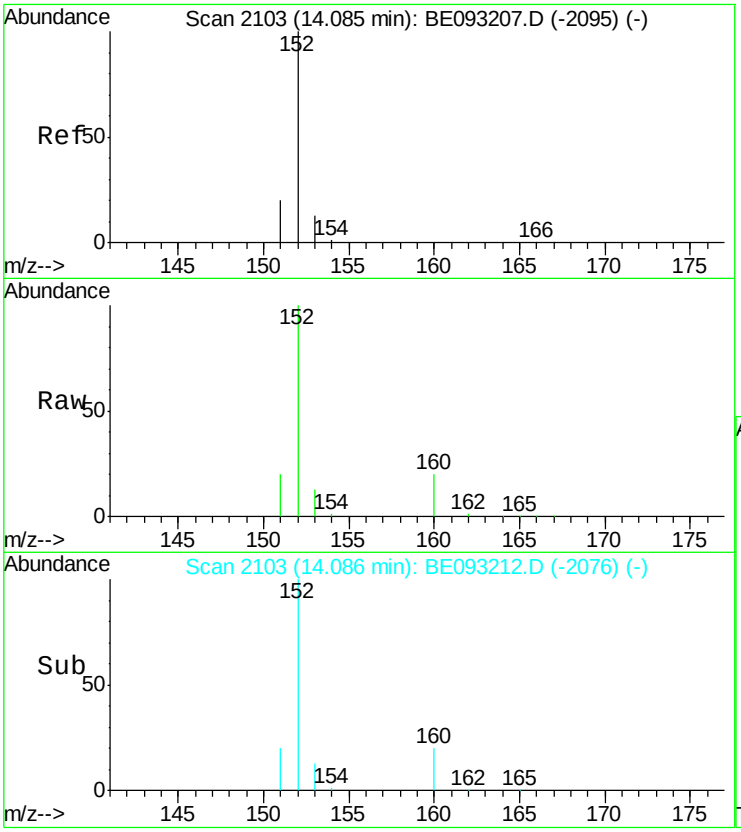


#5
2-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.18 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Tgt Ion:142 Resp: 504

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	108.8



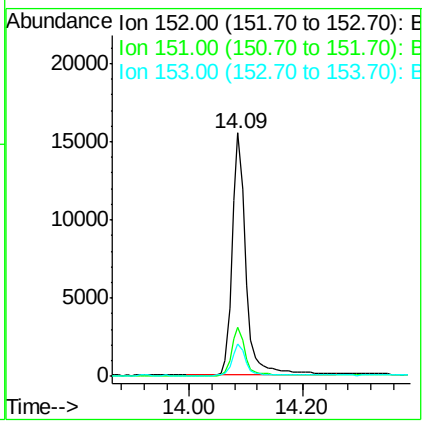


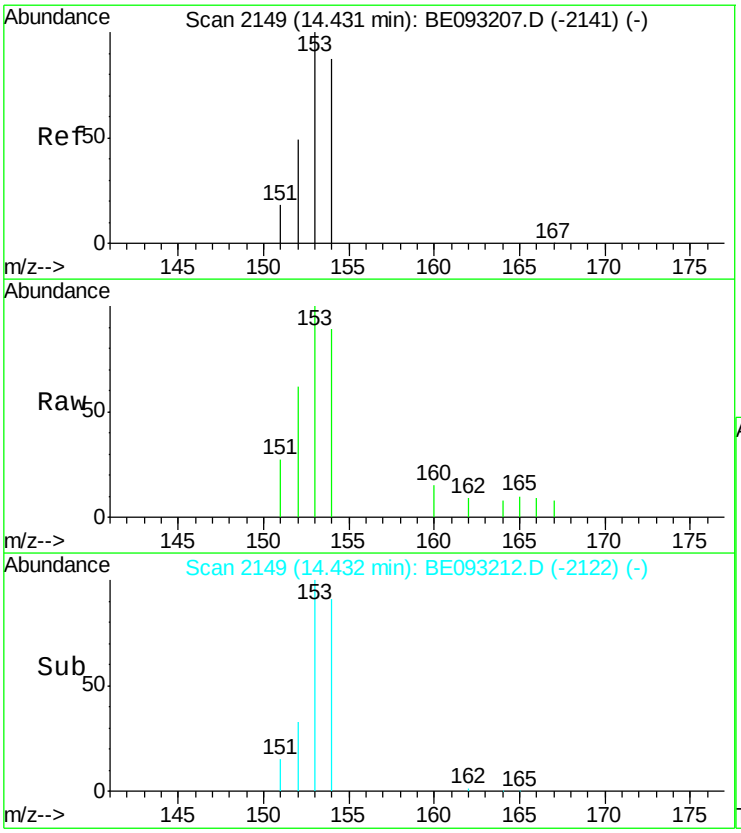
#7
Acenaphthylene
Concen: 0.72 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 26425

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.1	25.7
153	13.3	12.8	19.2

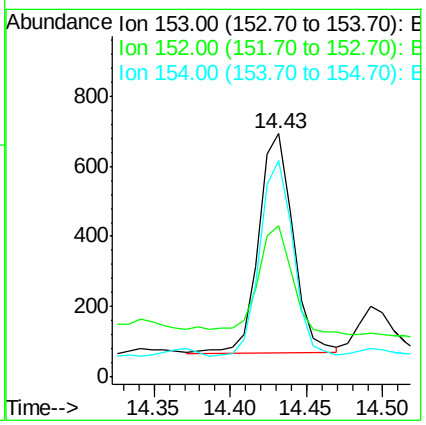


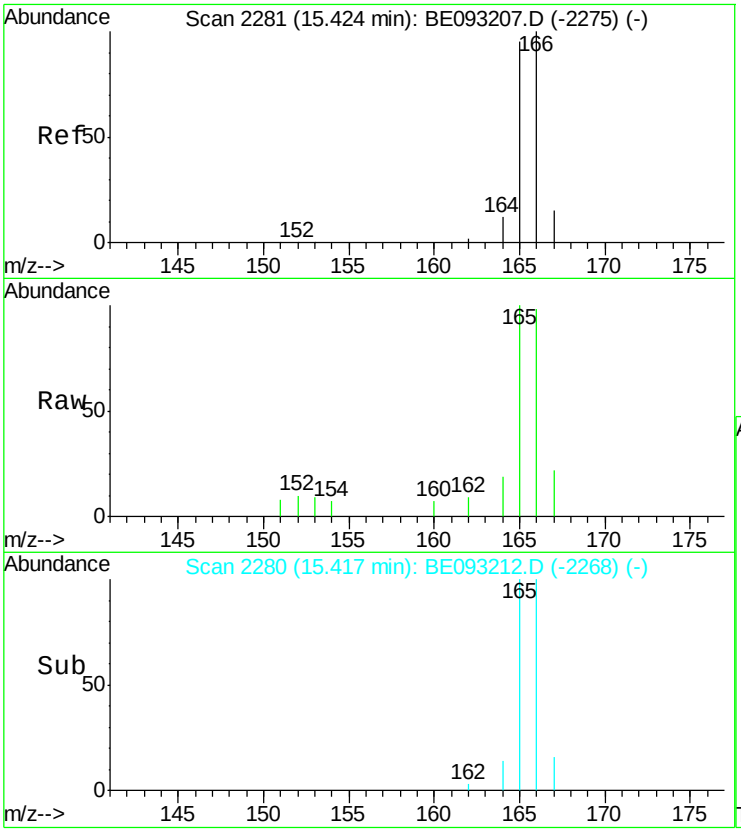


#8
Acenaphthene
Concen: 0.03 ng/ul
RT: 14.43 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Tgt Ion:153 Resp: 974

Ion	Ratio	Lower	Upper
153	100		
152	62.0	40.3	60.5#
154	88.7	71.4	107.2



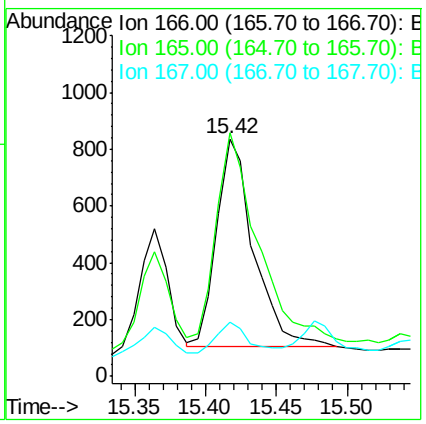


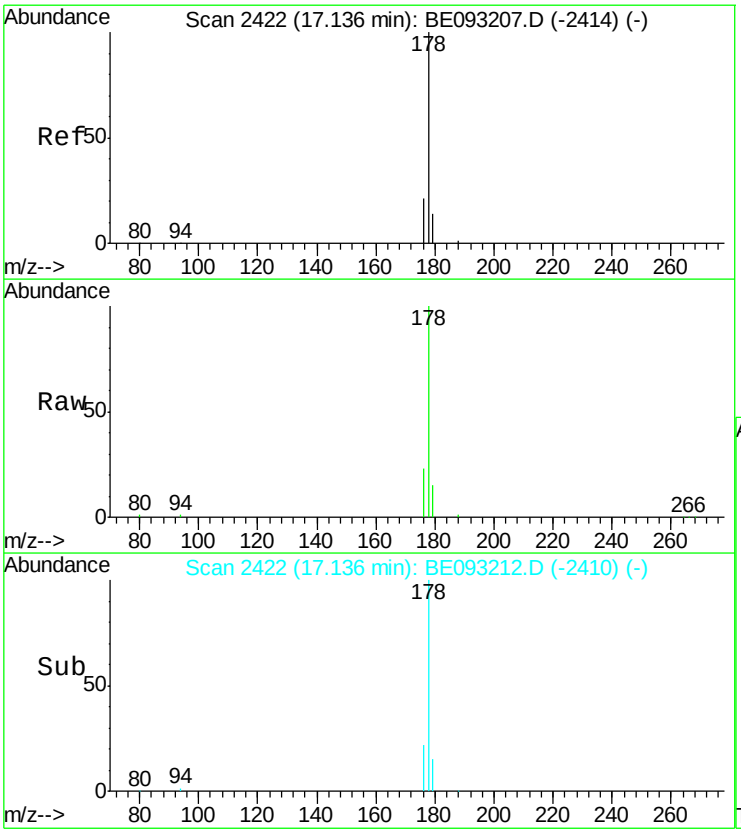
#9
Fluorene
Concen: 0.04 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 1331

Ion	Ratio	Lower	Upper
166	100		
165	102.5	73.4	110.2
167	22.7	14.6	22.0#

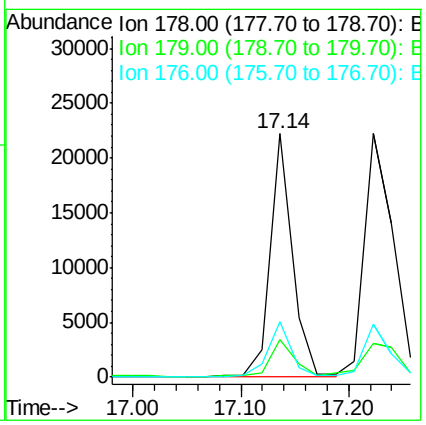


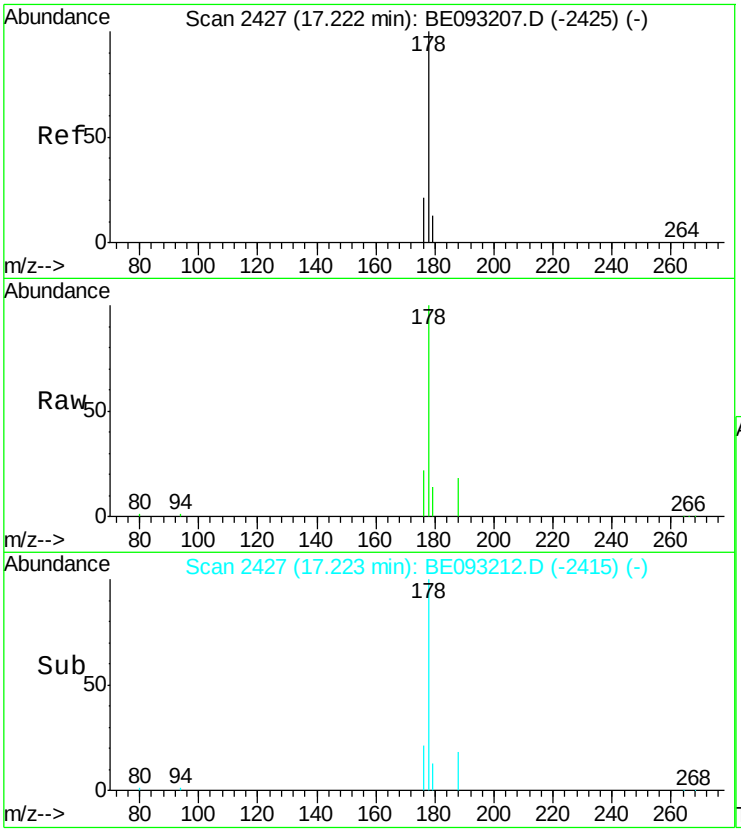


#12
Phenanthrene
Concen: 0.57 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Tgt Ion:178 Resp: 31401

Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6#
176	22.6	13.6	20.4#



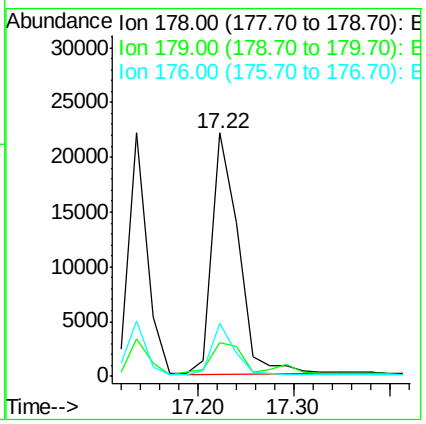


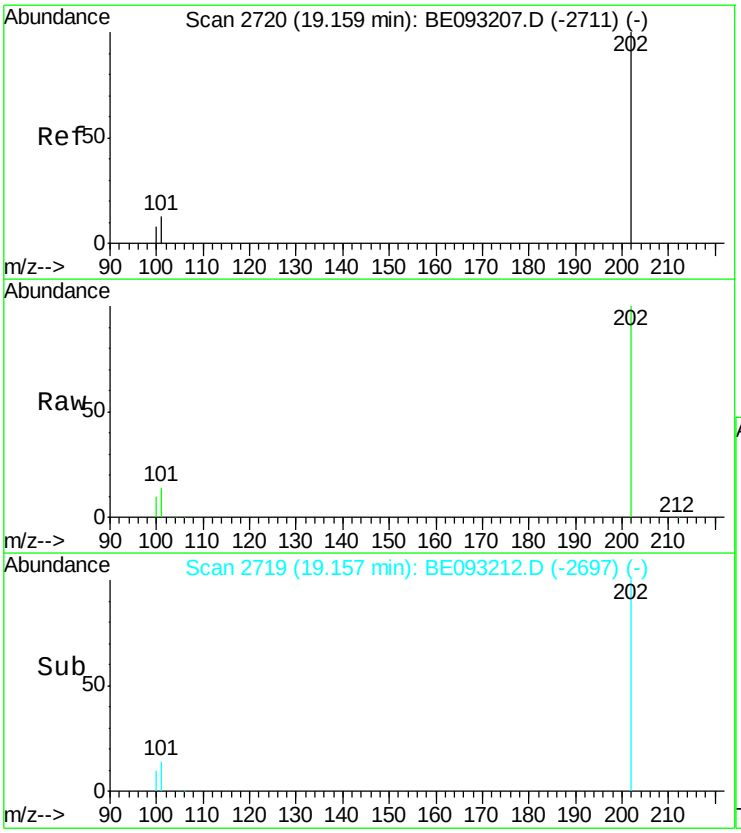
#13
Anthracene
Concen: 0.88 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 42142

Ion	Ratio	Lower	Upper
178	100		
179	13.7	18.1	27.1#
176	21.6	14.7	22.1

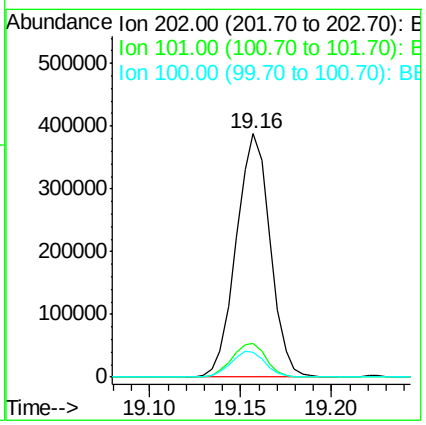


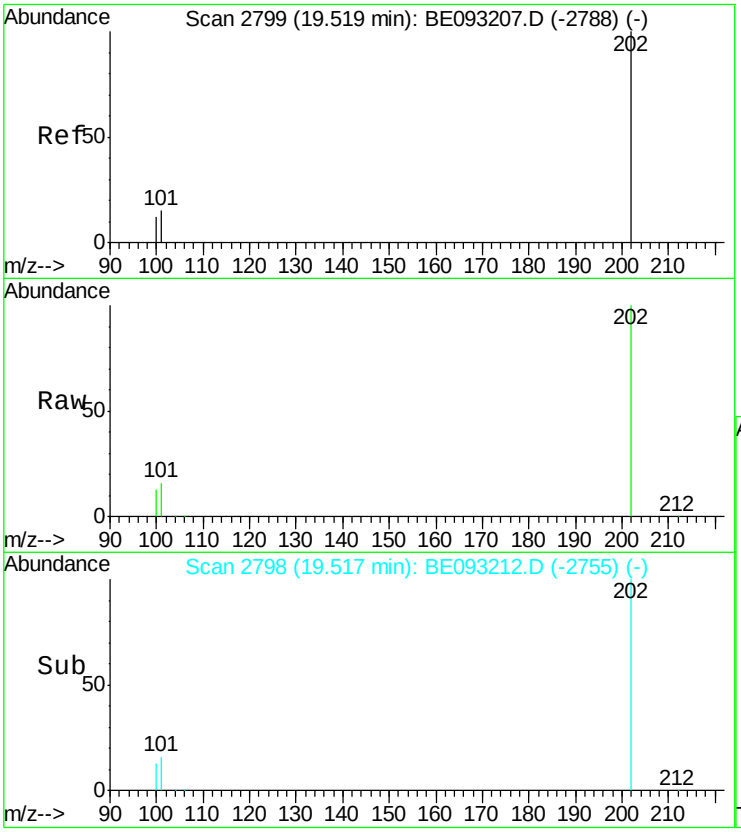


#15
Fluoranthene
Concen: 7.45 ng/ul
RT: 19.16 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Tgt Ion:202 Resp: 505172

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	30.3
100	10.3	0.0	39.5



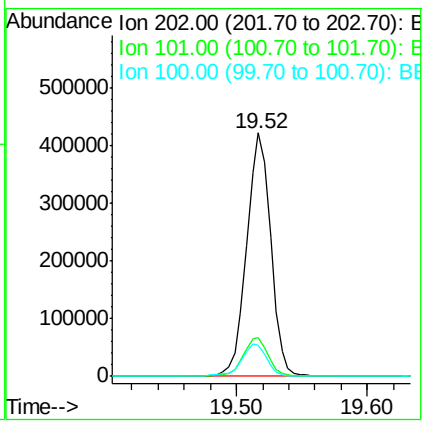


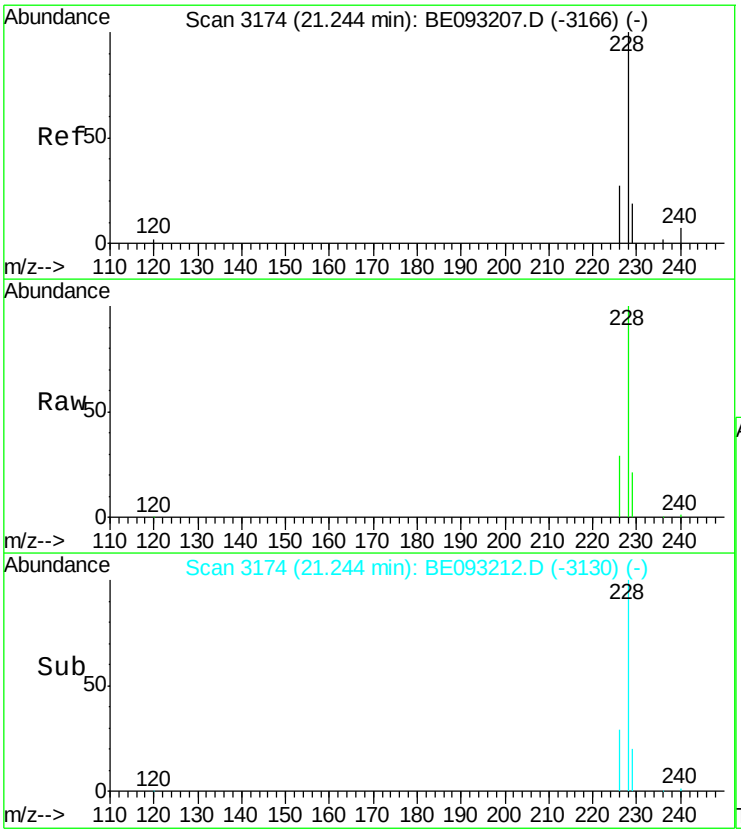
#17
Pyrene
Concen: 8.56 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 538057

Ion	Ratio	Lower	Upper
202	100		
101	15.9	18.2	27.4#
100	12.9	15.6	23.4#

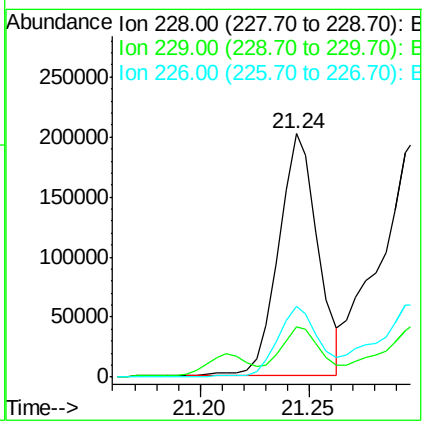


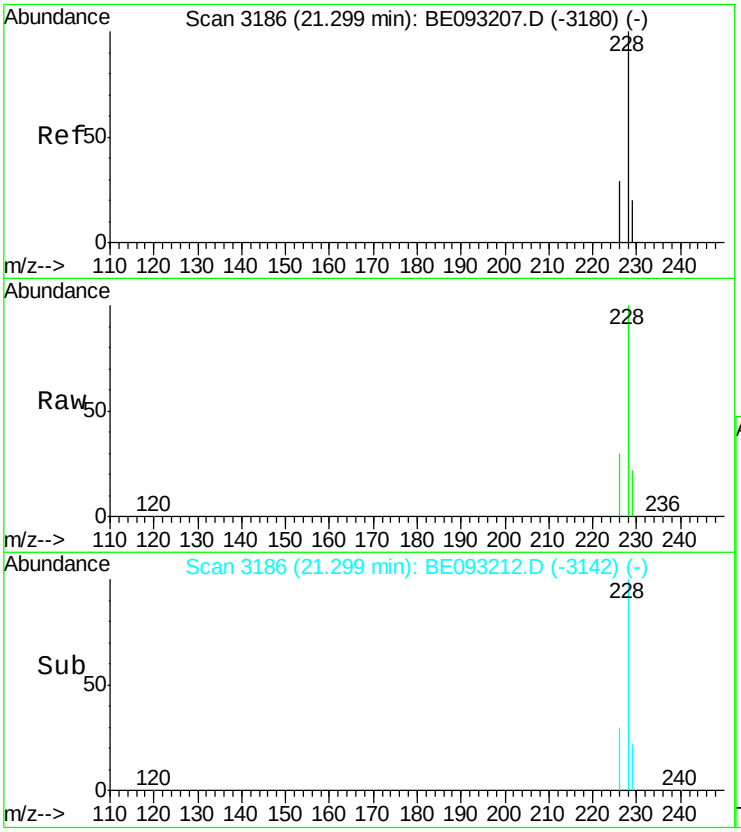


#18
Benzo(a)anthracene
Concen: 4.43 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Tgt Ion:228 Resp: 251847

Ion	Ratio	Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	29.0	17.0	25.6#



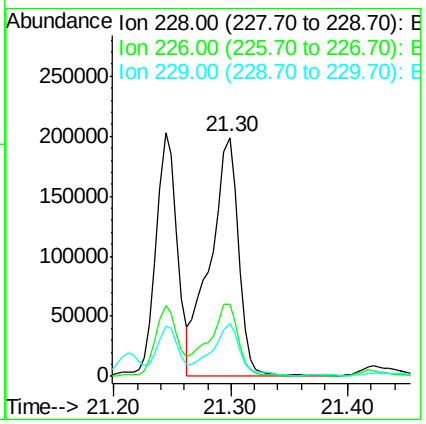


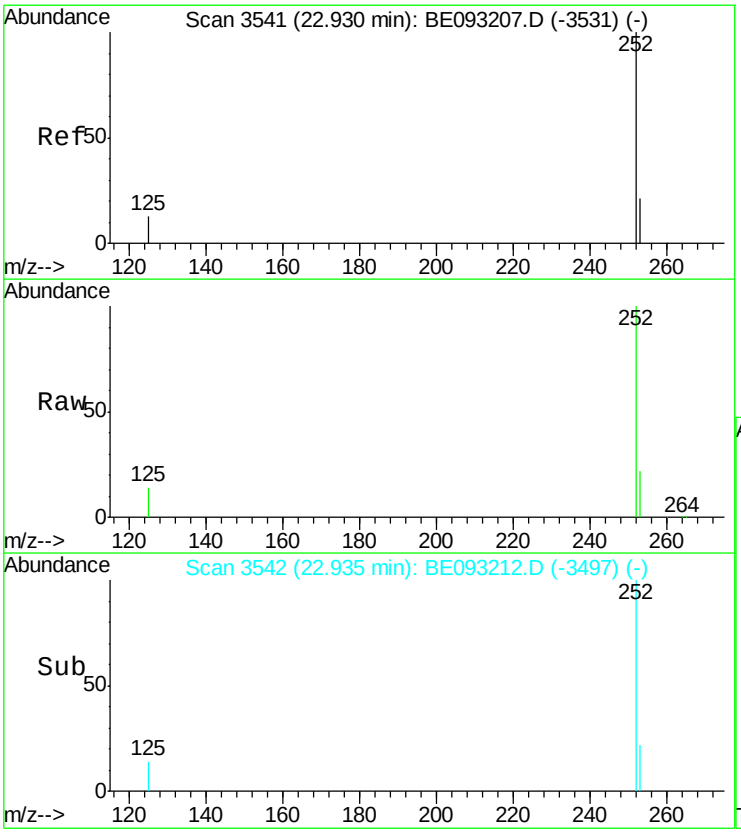
#19
Chrysene
Concen: 5.61 ng/ul
RT: 21.30 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 331015

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.0
229	21.9	17.7	26.5

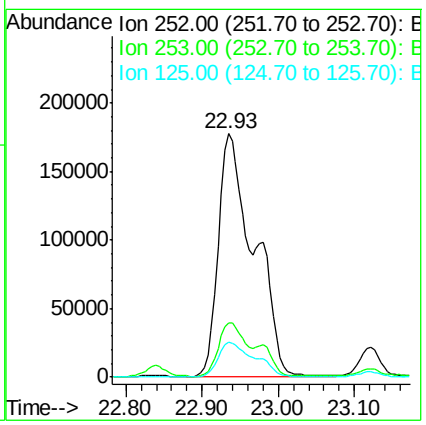


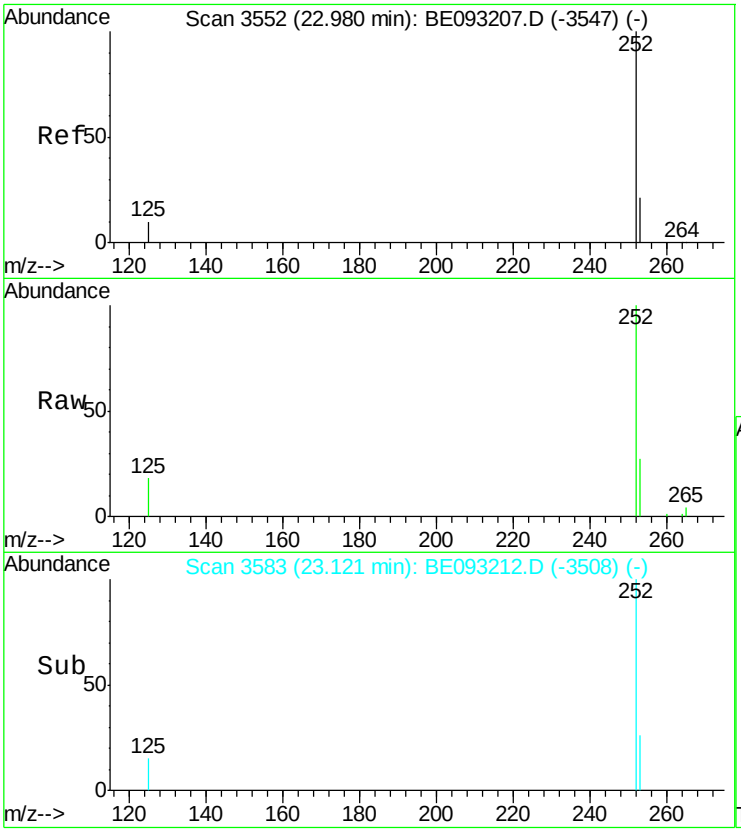


#21
Benzo(b)fluoranthene
Concen: 11.00 ng/ul
RT: 22.93 min Scan# 3542
Delta R.T. 0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Tgt Ion:252 Resp: 575160

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	64.2
125	14.2	0.0	35.0



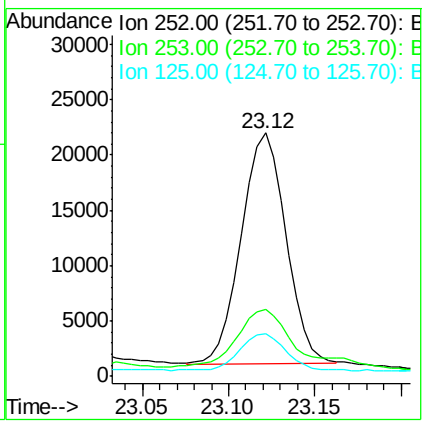


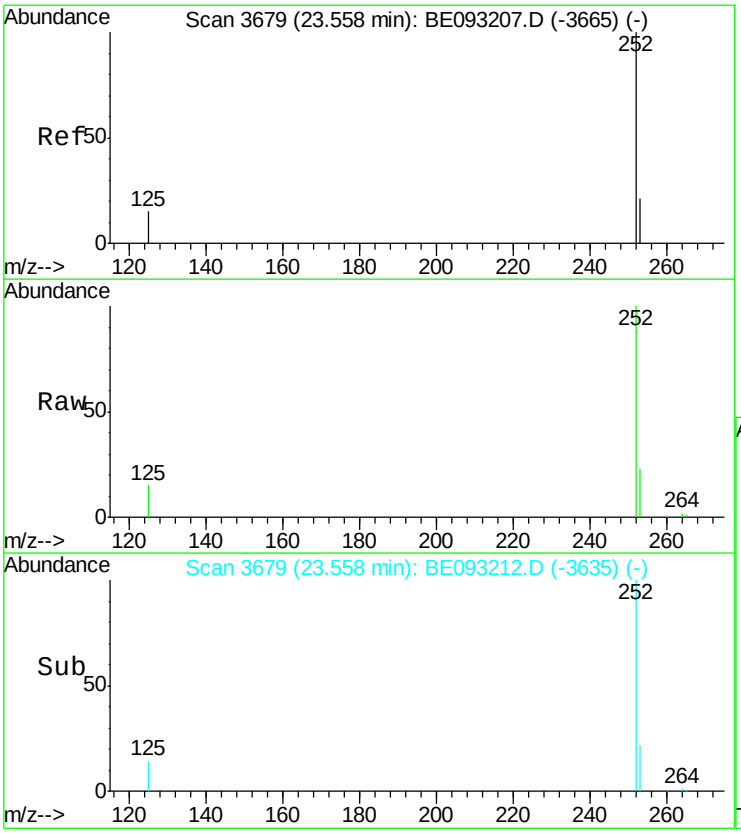
#22
Benzo(k)fluoranthene
Concen: 0.68 ng/ul
RT: 23.12 min Scan# 3583
Delta R.T. 0.14 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 37745

Ion	Ratio	Lower	Upper
252	100		
253	27.4	24.5	36.7
125	17.6	13.7	20.5

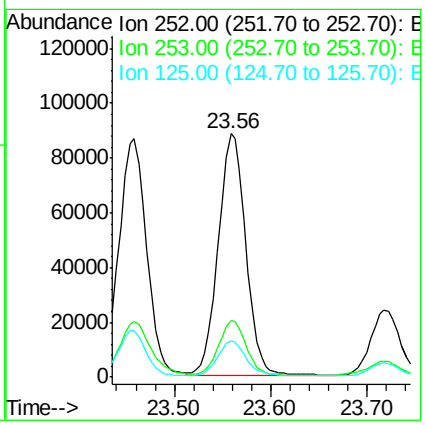


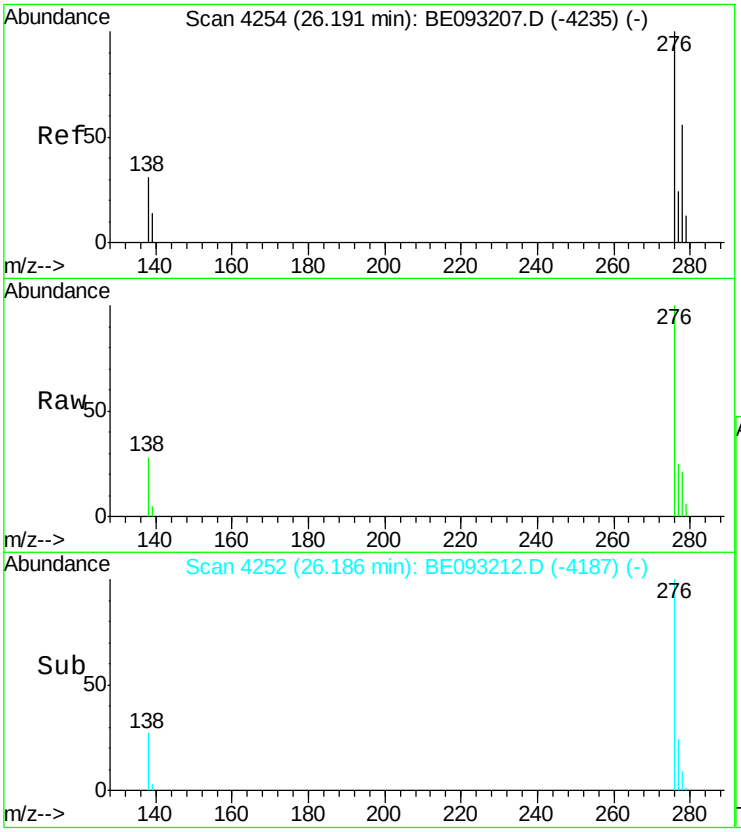


#23
Benzo(a)pyrene
Concen: 3.53 ng/ul
RT: 23.56 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Tgt Ion:252 Resp: 174367

Ion	Ratio	Lower	Upper
252	100		
253	23.2	28.5	42.7#
125	14.8	18.1	27.1#



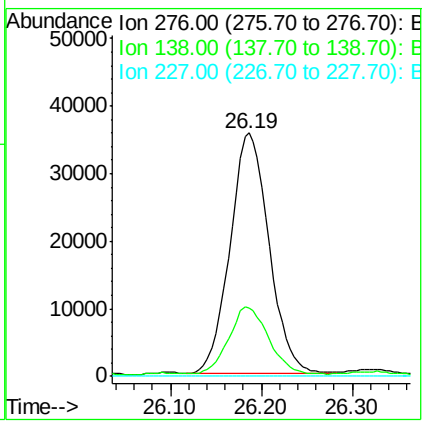


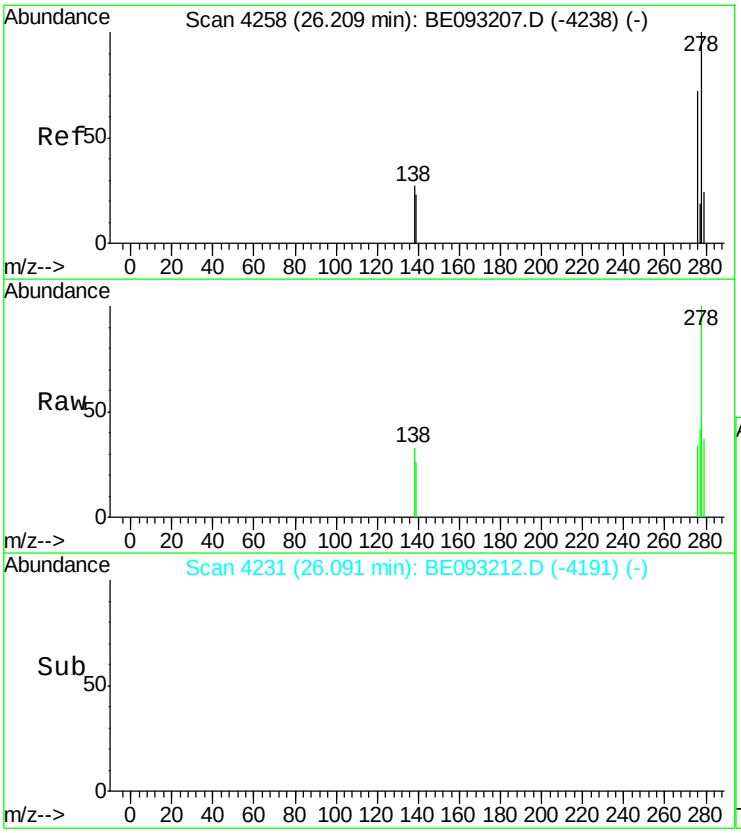
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.85 ng/ul
RT: 26.19 min Scan# 4252
Delta R.T. -0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 105679

Ion	Ratio	Lower	Upper
276	100		
138	28.9	28.0	42.0
227	0.0	8.0	12.0#

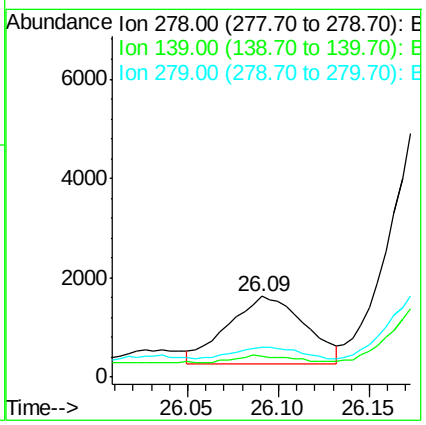


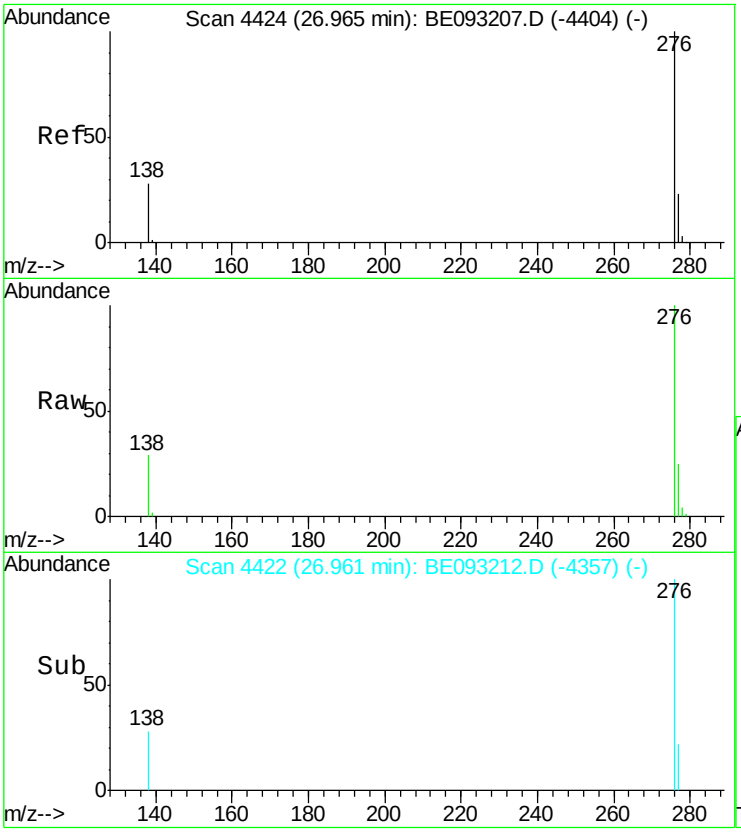


#25
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 26.09 min Scan# 4231
Delta R.T. -0.12 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Tgt Ion:278 Resp: 4002

Ion	Ratio	Lower	Upper
278	100		
139	25.6	17.4	26.0
279	37.4	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 1.42 ng/ul
RT: 26.96 min Scan# 4422
Delta R.T. -0.00 min
Lab File: BE093212.D
Acq: 15 Jun 2017 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 69888

Ion	Ratio	Lower	Upper
276	100		
138	29.2	21.8	32.8
277	24.5	20.5	30.7