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

Quantitation Report (QT Reviewed)

Data File : BE093185.D
Acq On : 15 Jun 2017 00:41
Operator : SJ/MA
Sample : I3521-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5C06

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:46 PM

Quant Time: Jun 19 04:37:26 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	3935	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	19969	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12553	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	29507m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	30318	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	24552m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	7988	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	22788	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	4153	0.08	ng/ul#	95
5) 2-Methylnaphthalene	12.18	142	713	0.02	ng/ul	94
7) Acenaphthylene	14.09	152	16247	0.30	ng/ul	96
12) Phenanthrene	17.14	178	13524	0.17	ng/ul#	86
13) Anthracene	17.22	178	16203	0.23	ng/ul#	88
15) Fluoranthene	19.16	202	112810	1.13	ng/ul	83
17) Pyrene	19.52	202	128765	1.44	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	73771	0.91	ng/ul#	85
19) Chrysene	21.29	228	74974	0.89	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	127413	1.71	ng/ul	88
22) Benzo(k)fluoranthene	22.98	252	42678m	0.54	ng/ul	
23) Benzo(a)pyrene	23.56	252	64192m	0.91	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	43138m	0.53	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	11314m	0.16	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276	32338	0.46	ng/ul	95

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

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

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5C06

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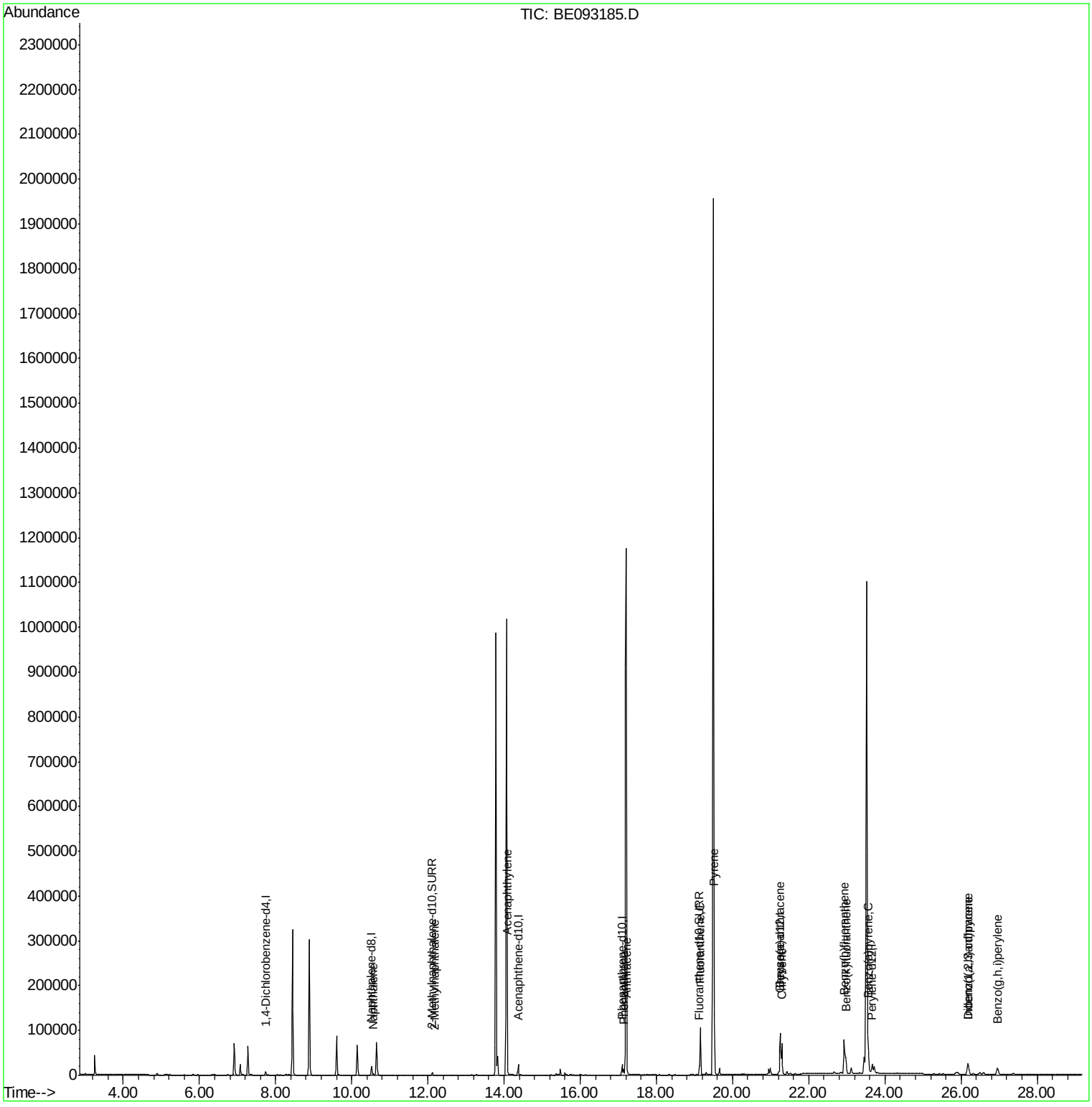

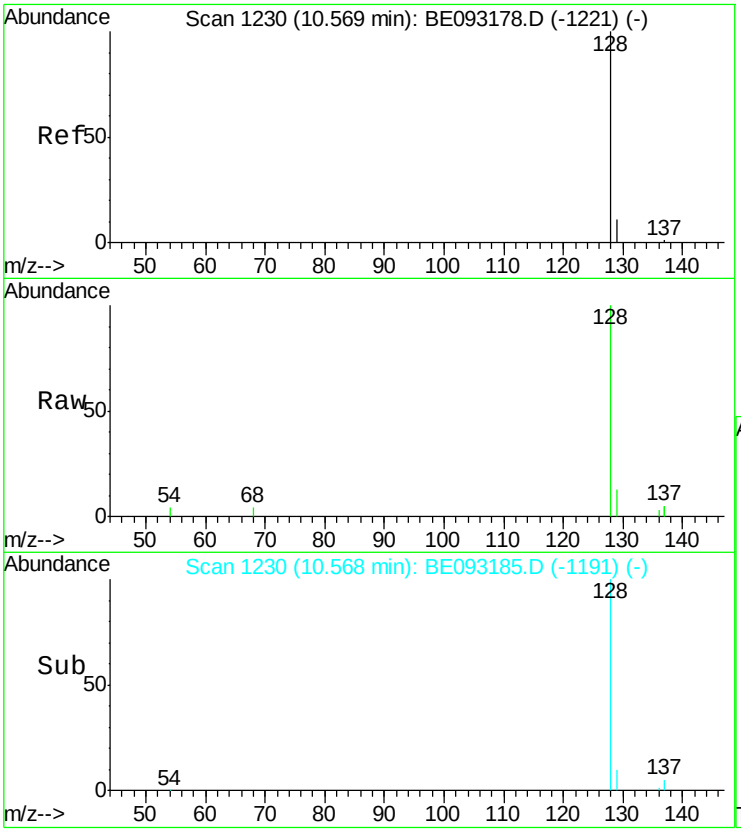

#3
Naphthalene
Concen: 0.08 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093185.D
Acq: 15 Jun 2017 00:41

Tgt Ion:128 Resp: 4153

Ion	Ratio	Lower	Upper
128	100		
129	13.5	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5C06

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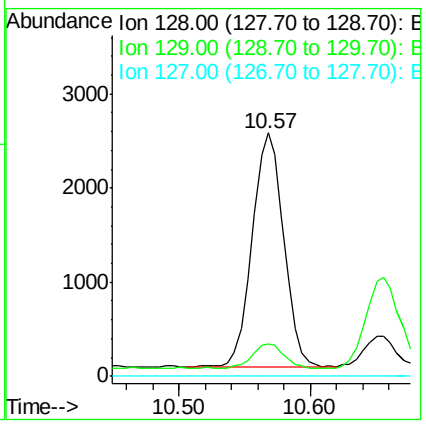
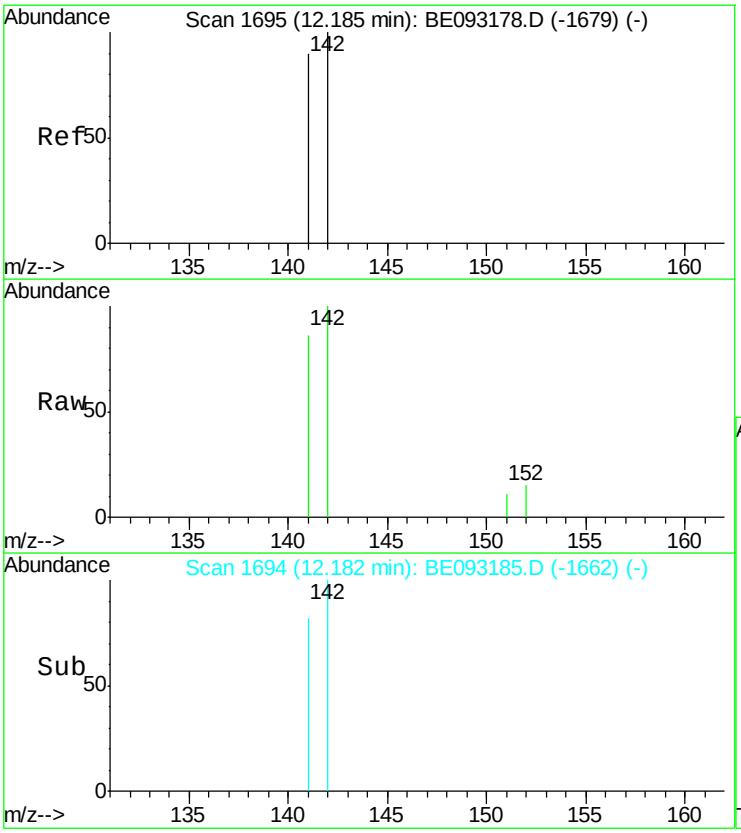
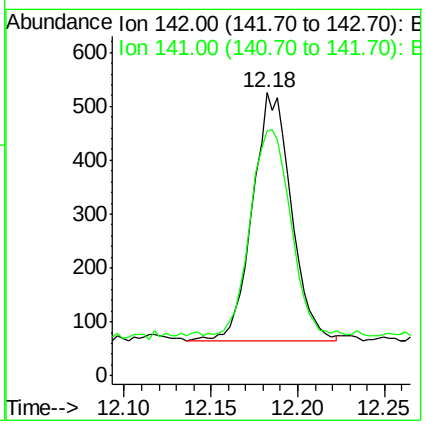


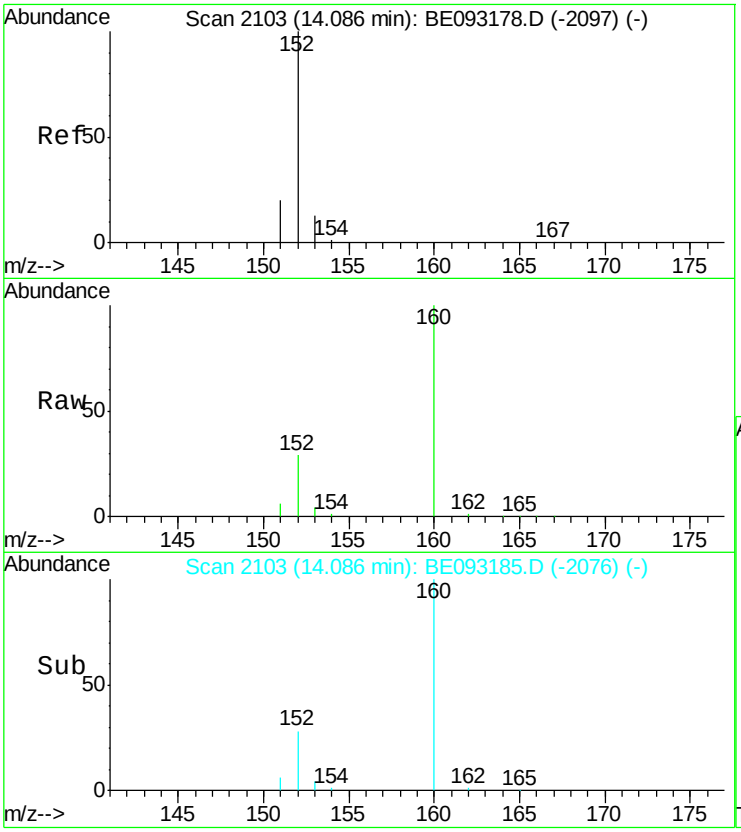


#5
2-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.18 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BE093185.D
Acq: 15 Jun 2017 00:41

Tgt Ion:142 Resp: 713

Ion	Ratio	Lower	Upper
142	100		
141	85.1	72.6	108.8

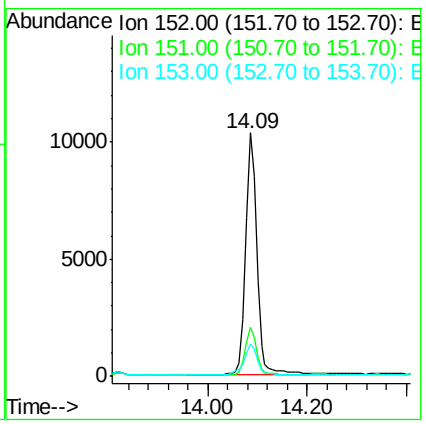




#7
Acenaphthylene
Concen: 0.30 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093185.D
Acq: 15 Jun 2017 00:41

Tgt Ion:152 Resp: 16247

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



Instrument :
BNA_E
ClientSampleId :
F5C06

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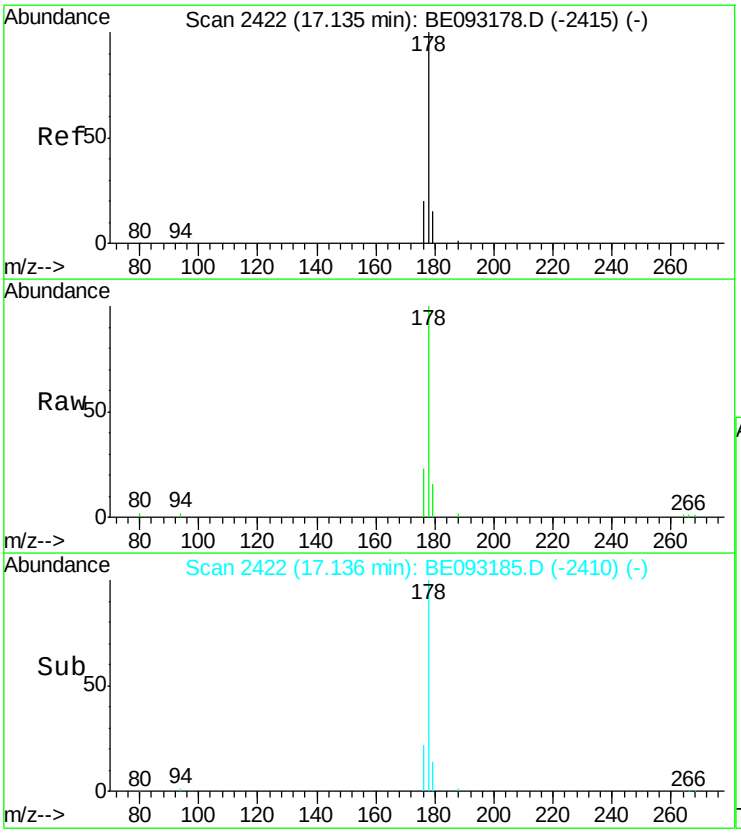
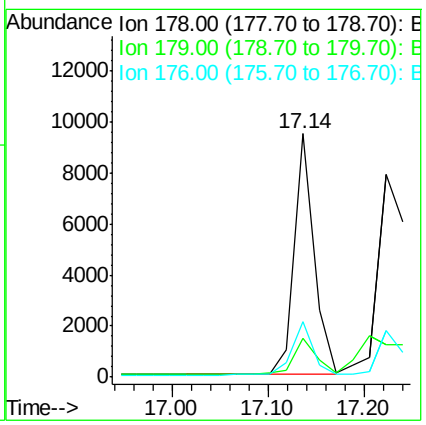
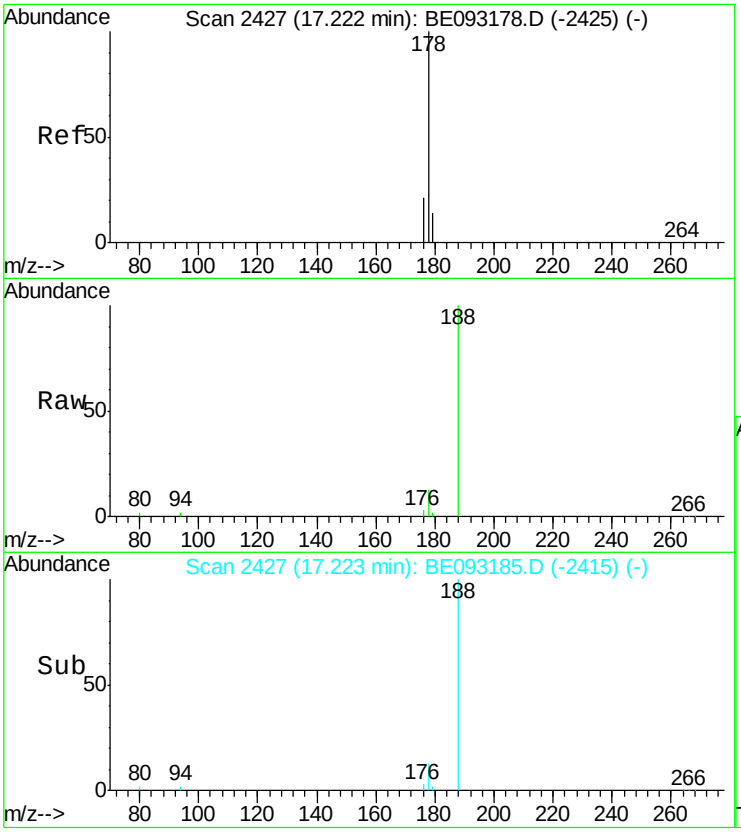


#12
Phenanthrene
Concen: 0.17 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093185.D
Acq: 15 Jun 2017 00:41

Tgt Ion:178 Resp: 13524

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.4	27.6#
176	23.0	13.6	20.4#





#13
Anthracene
Concen: 0.23 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093185.D
Acq: 15 Jun 2017 00:41

Tgt Ion:178 Resp: 16203

Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.1	27.1#
176	23.0	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
F5C06

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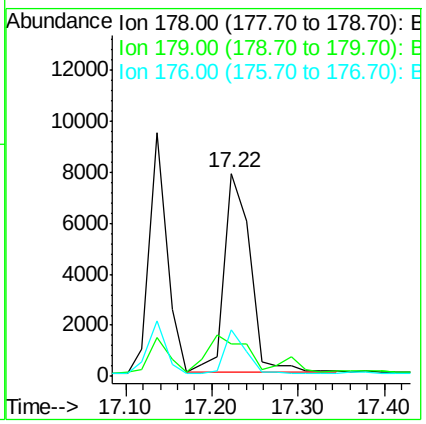
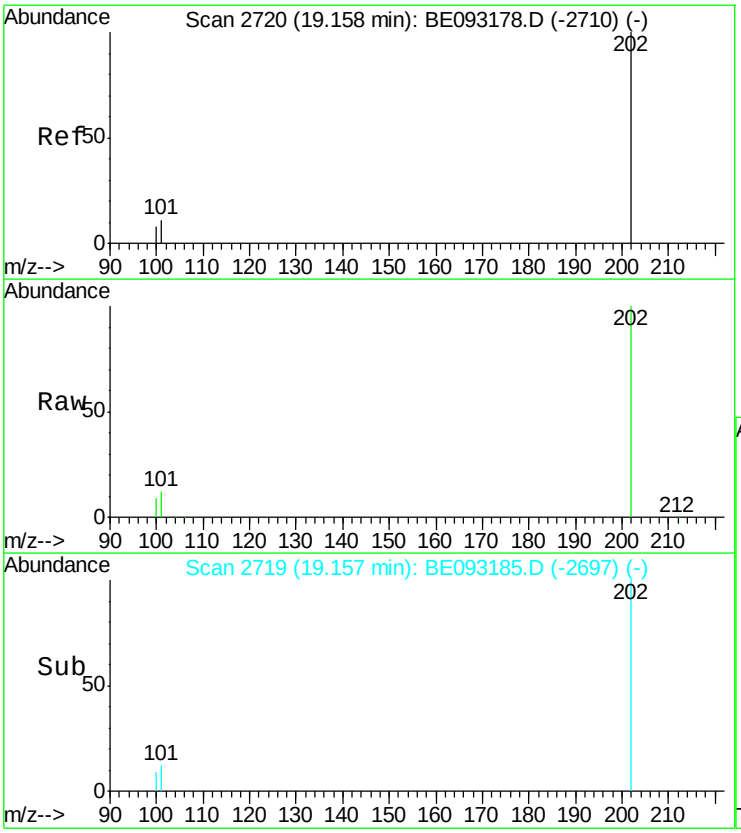
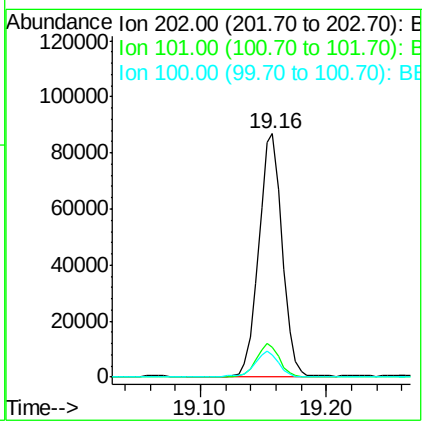


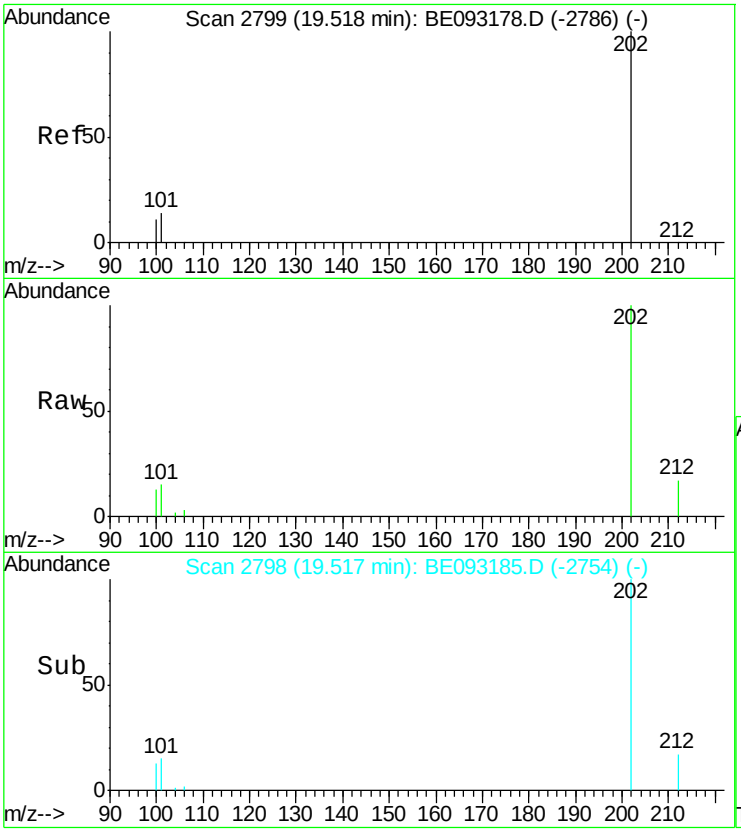


#15
Fluoranthene
Concen: 1.13 ng/ul
RT: 19.16 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093185.D
Acq: 15 Jun 2017 00:41

Tgt Ion:202 Resp: 112810

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.3
100	9.1	0.0	39.5





#17
Pyrene
Concen: 1.44 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093185.D
Acq: 15 Jun 2017 00:41

Tgt Ion:202 Resp: 128765

Ion	Ratio	Lower	Upper
202	100		
101	15.4	18.2	27.4#
100	12.6	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F5C06

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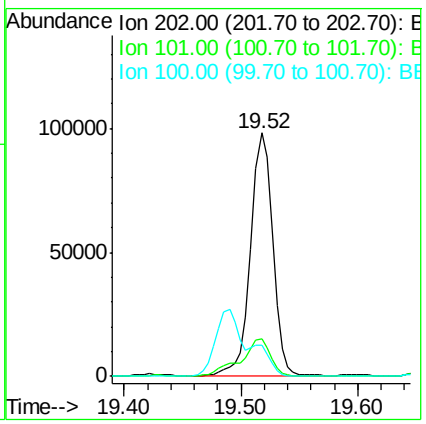
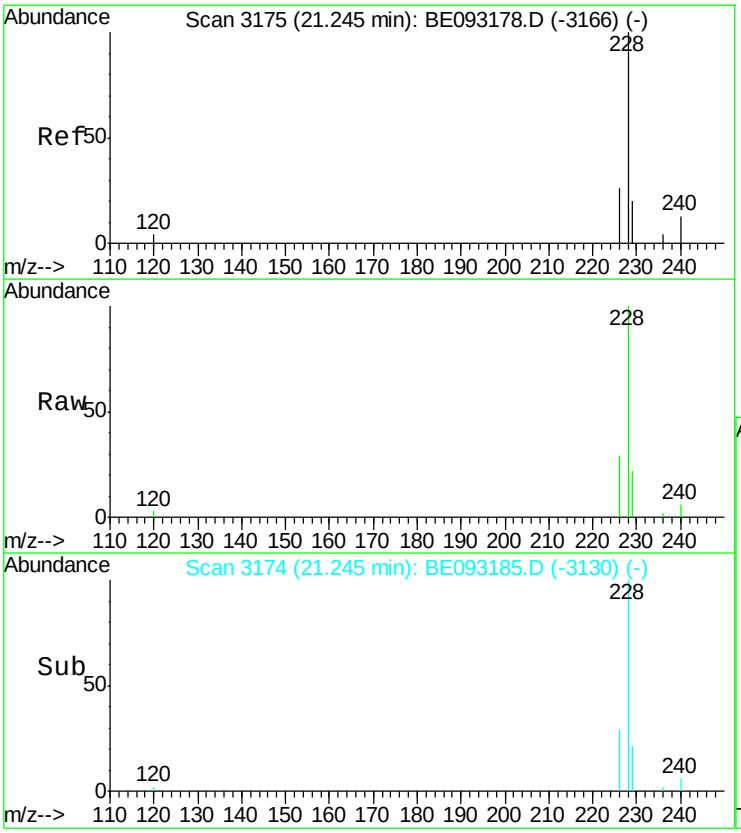
6/15/2017 3:53:46 PM

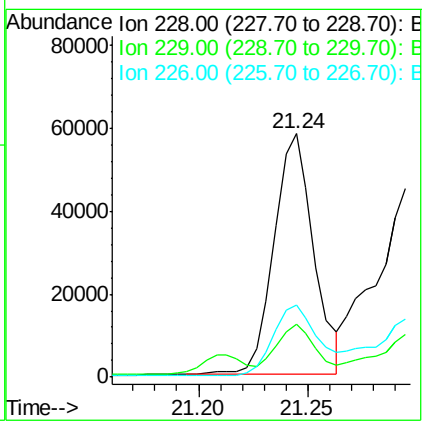


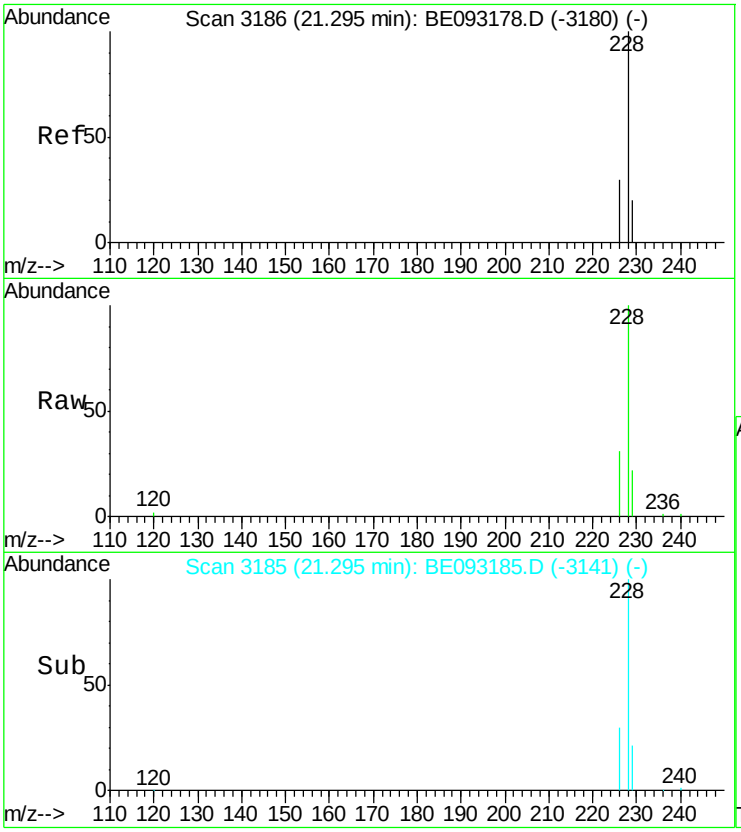


#18
Benzo(a)anthracene
Concen: 0.91 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093185.D
Acq: 15 Jun 2017 00:41

Tgt Ion:228 Resp: 73771

Ion	Ratio	Lower	Upper
228	100		
229	21.6	22.8	34.2#
226	29.4	17.0	25.6#





#19
Chrysene
Concen: 0.89 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093185.D
Acq: 15 Jun 2017 00:41

Tgt Ion:228 Resp: 74974

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	22.4	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
F5C06

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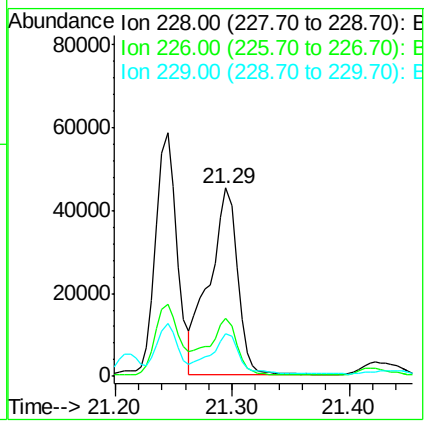
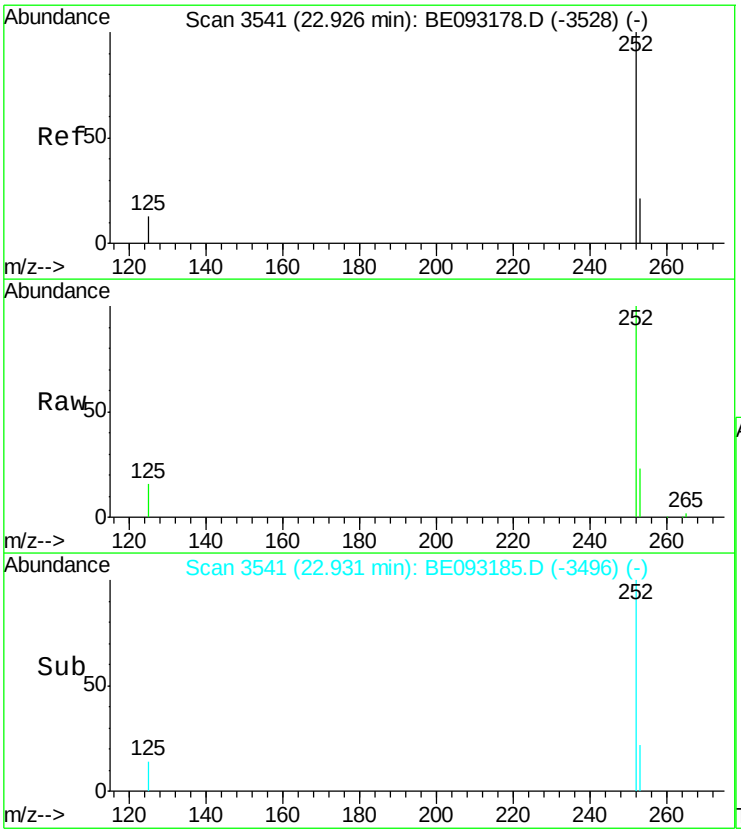
6/15/2017 3:53:46 PM

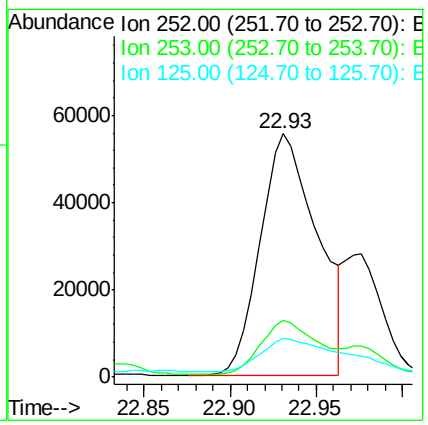


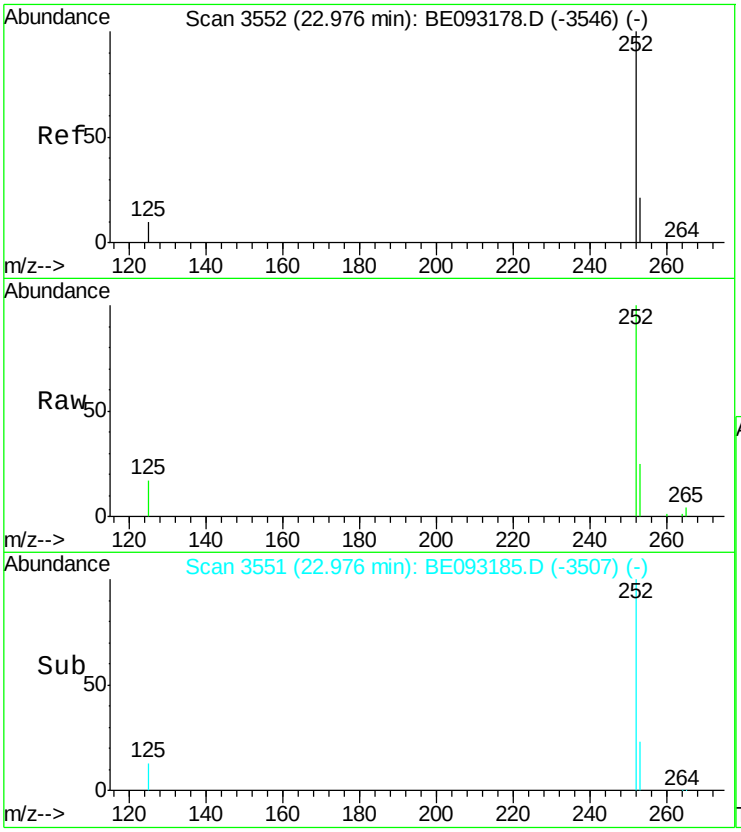


#21
Benzo(b)fluoranthene
Concen: 1.71 ng/ul
RT: 22.93 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BE093185.D
Acq: 15 Jun 2017 00:41

Tgt Ion:252 Resp: 127413

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	64.2
125	15.8	0.0	35.0

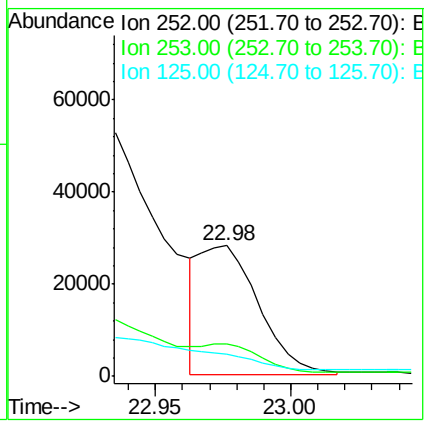




#22
Benzo(k)fluoranthene
Concen: 0.54 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BE093185.D
Acq: 15 Jun 2017 00:41

Tgt Ion:252 Resp: 42678

Ion	Ratio	Lower	Upper
252	100		
253	25.0	24.5	36.7
125	17.2	13.7	20.5



Instrument :
BNA_E
ClientSampleId :
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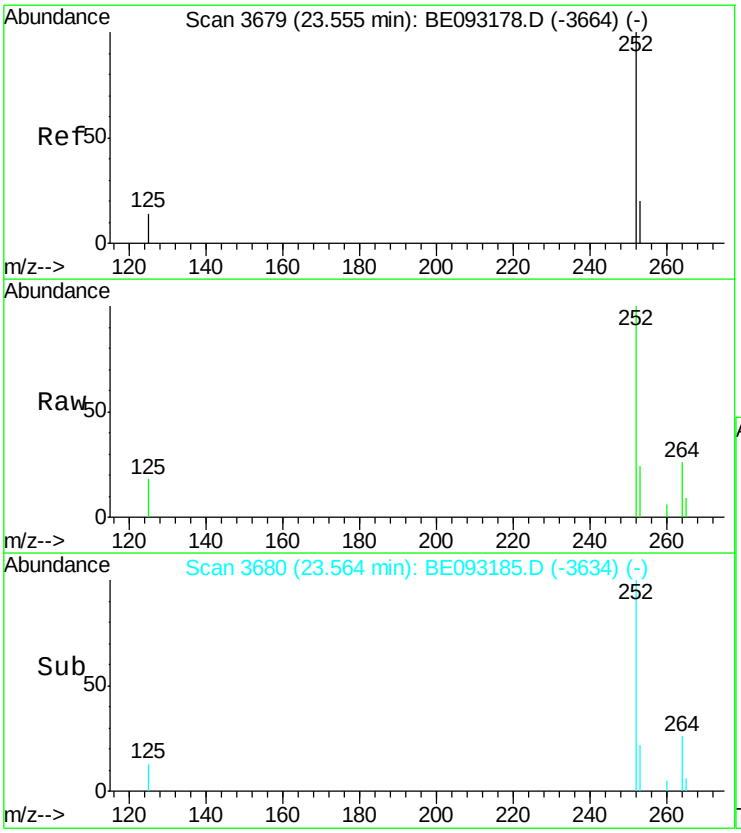
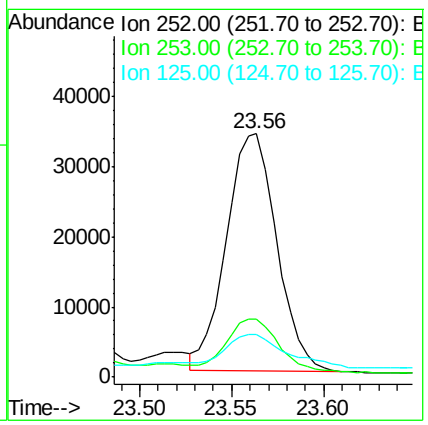
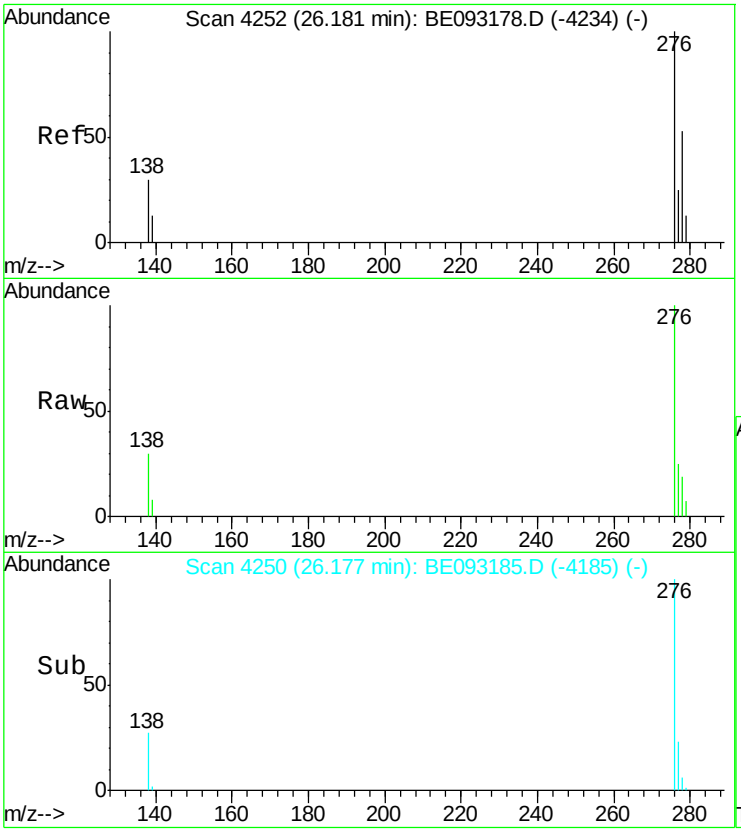


#23
Benzo(a)pyrene
Concen: 0.91 ng/ul m
RT: 23.56 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BE093185.D
Acq: 15 Jun 2017 00:41

Tgt Ion:252 Resp: 64192

Ion	Ratio	Lower	Upper
252	100		
253	23.8	28.5	42.7#
125	17.5	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.53 ng/ul m
RT: 26.18 min Scan# 4250
Delta R.T. -0.00 min
Lab File: BE093185.D
Acq: 15 Jun 2017 00:41

Tgt Ion:276 Resp: 43138

Ion	Ratio	Lower	Upper
276	100		
138	3.7	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F5C06

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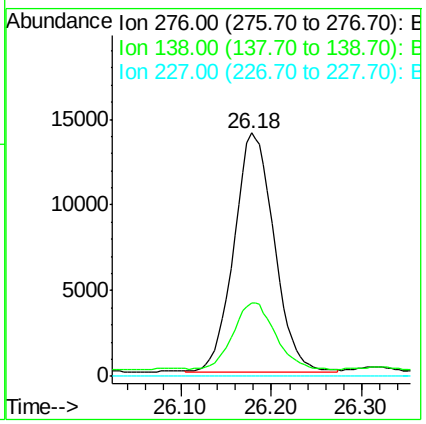
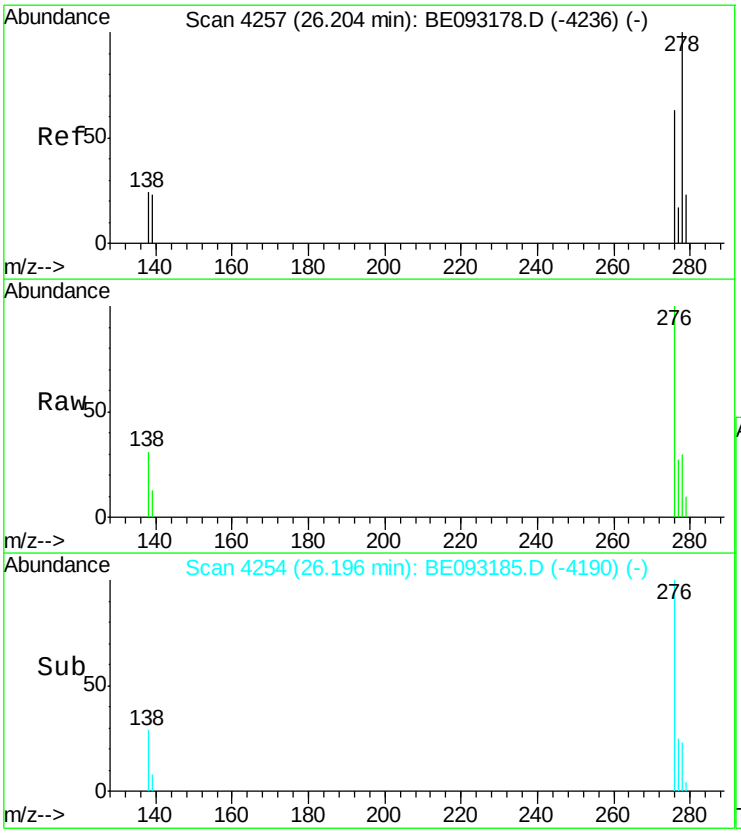
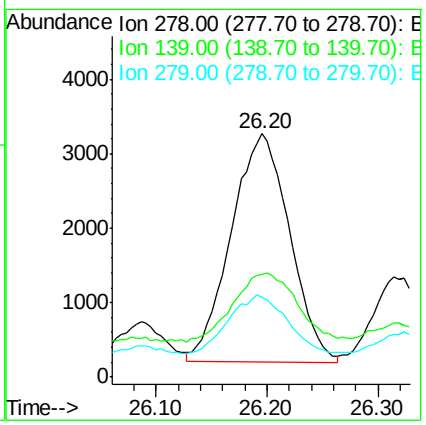


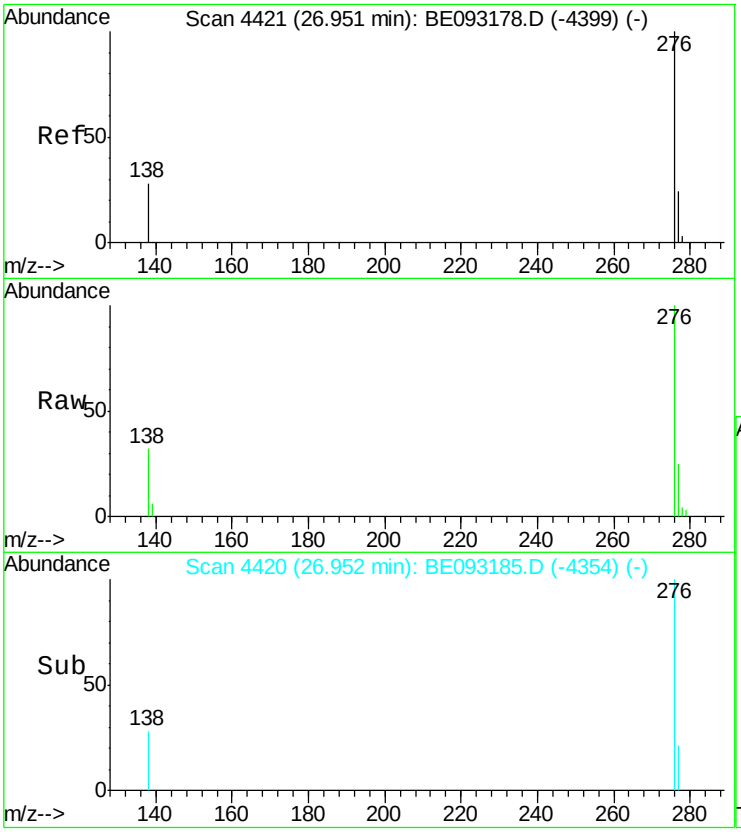


#25
Dibenzo(a,h)anthracene
Concen: 0.16 ng/ul m
RT: 26.20 min Scan# 4254
Delta R.T. -0.01 min
Lab File: BE093185.D
Acq: 15 Jun 2017 00:41

Tgt Ion:278 Resp: 11314

Ion	Ratio	Lower	Upper
278	100		
139	42.1	17.4	26.0#
279	33.0	25.9	38.9

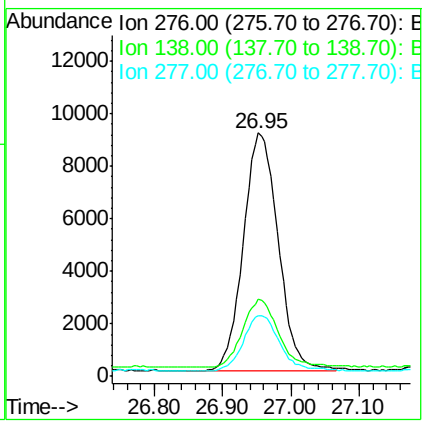




#26
Benzo(g,h,i)perylene
Concen: 0.46 ng/ul
RT: 26.95 min Scan# 4420
Delta R.T. 0.00 min
Lab File: BE093185.D
Acq: 15 Jun 2017 00:41

Tgt Ion:276 Resp: 32338

Ion	Ratio	Lower	Upper
276	100		
138	31.6	21.8	32.8
277	24.8	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
F5C06

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