Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Data File : BE093195.D
Acq On : 15 Jun 2017 6:48
Operator : SJ/MA
Sample : I3521-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5C60

Manual Integrations APPROVED
mohammad
6/15/2017 3:54:18 PM

Quant Time: Jun 15 07:34:04 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	4055	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	20753	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12653	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	29551m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	29390	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	25609m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	8477	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	22412	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	9203	0.179	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	2370	0.067	ng/ul	99
7) Acenaphthylene	14.08	152	32985	0.607	ng/ul	96
8) Acenaphthene	14.43	153	1116	0.025	ng/ul	91
12) Phenanthrene	17.14	178	27545m	0.339	ng/ul	
13) Anthracene	17.24	178	33157	0.468	ng/ul	93
15) Fluoranthene	19.16	202	254536	2.553	ng/ul	83
17) Pyrene	19.52	202	350840	4.048	ng/ul#	85
18) Benzo(a)anthracene	21.25	228	167409	2.135	ng/ul#	84
19) Chrysene	21.30	228	202112	2.485	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	427909	5.506	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	141491m	1.714	ng/ul	
23) Benzo(a)pyrene	23.56	252	215546m	2.933	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	148662m	1.747	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	37753m	0.527	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	123245	1.689	ng/ul	97

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

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Instrument :
BNA_E
ClientSampleId :
F5C60

Manual Integrations APPROVED
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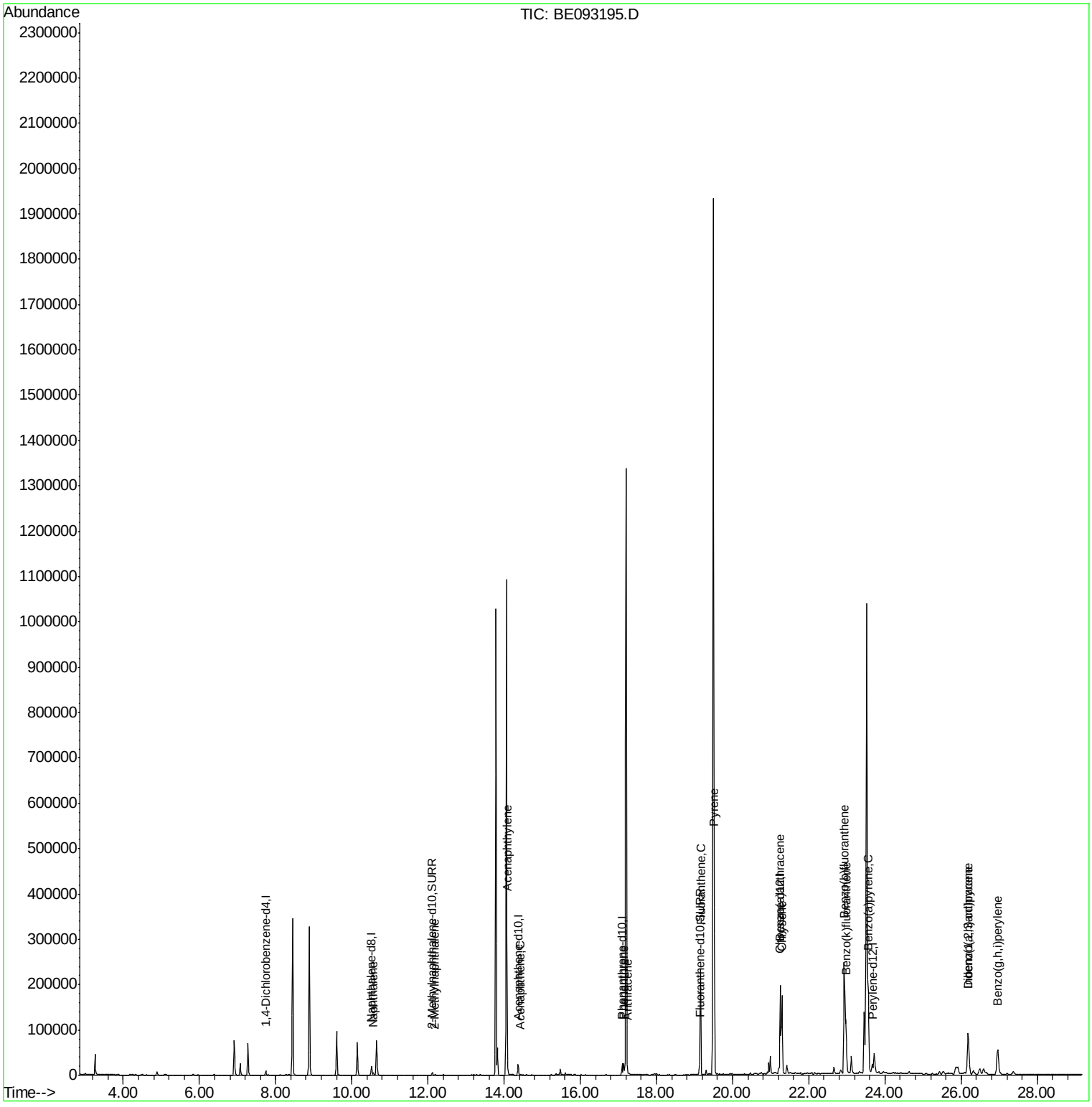

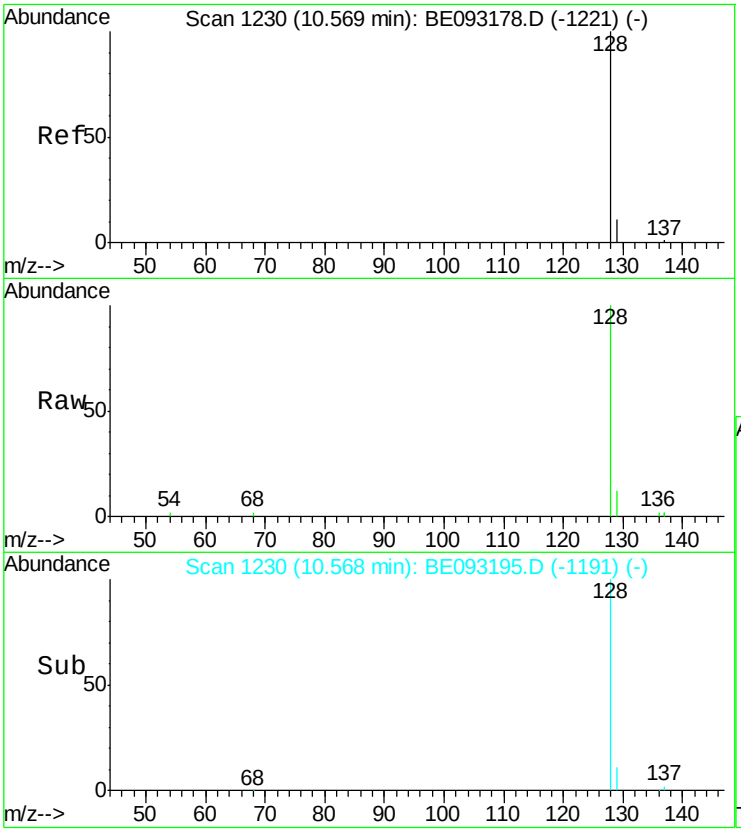

#3
Naphthalene
Concen: 0.179 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:128 Resp: 9203

Ion	Ratio	Lower	Upper
128	100		
129	12.1	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5C60

Manual Integrations APPROVED
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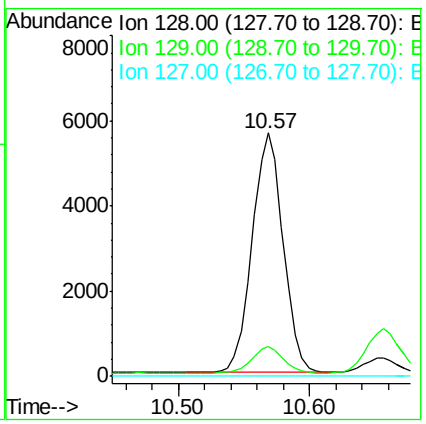
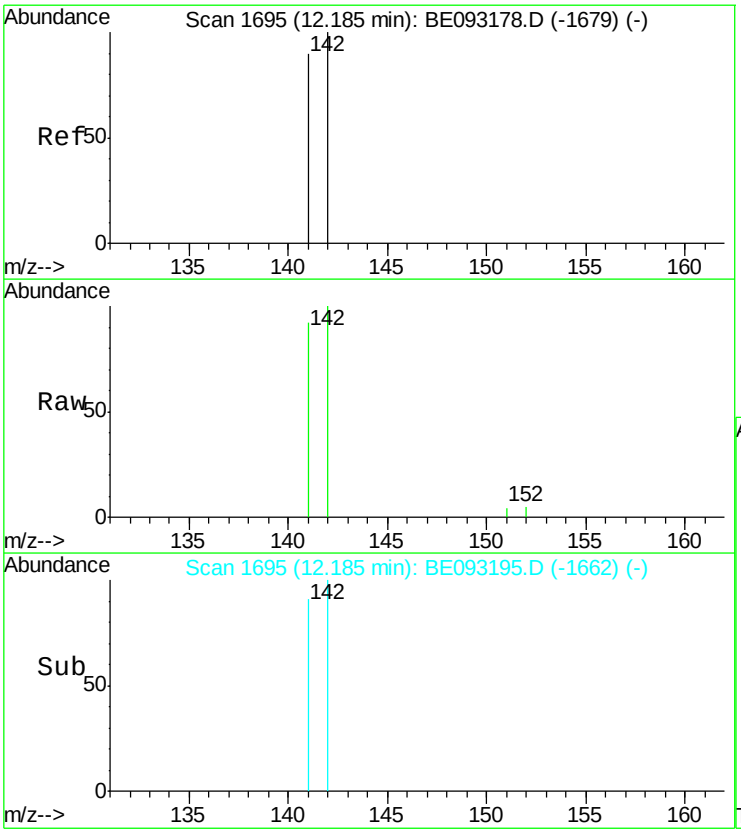
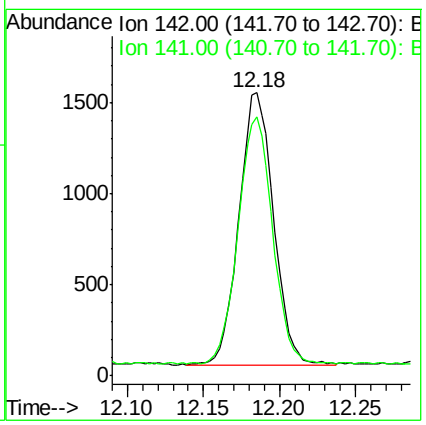


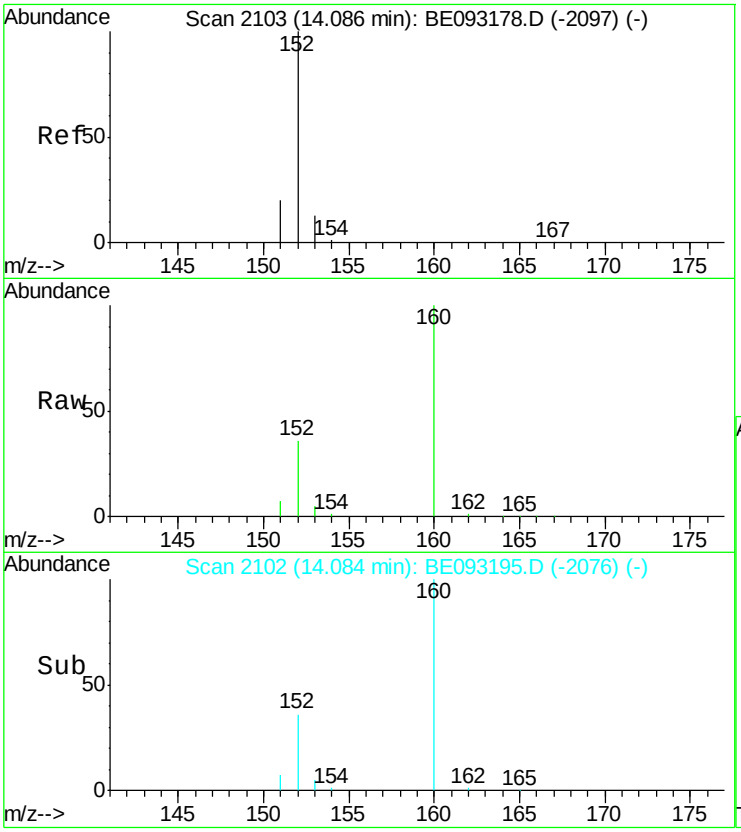


#5
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.18 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:142 Resp: 2370

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8

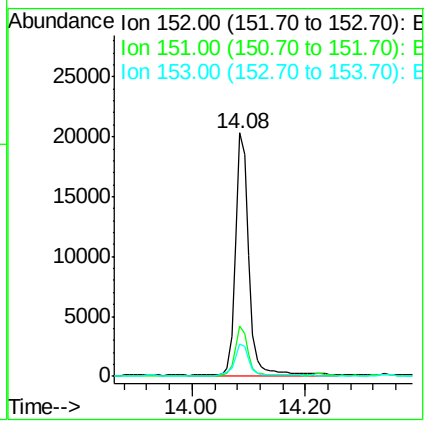




#7
Acenaphthylene
Concen: 0.607 ng/ul
RT: 14.08 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:152 Resp: 32985

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.1	25.7
153	13.2	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
F5C60

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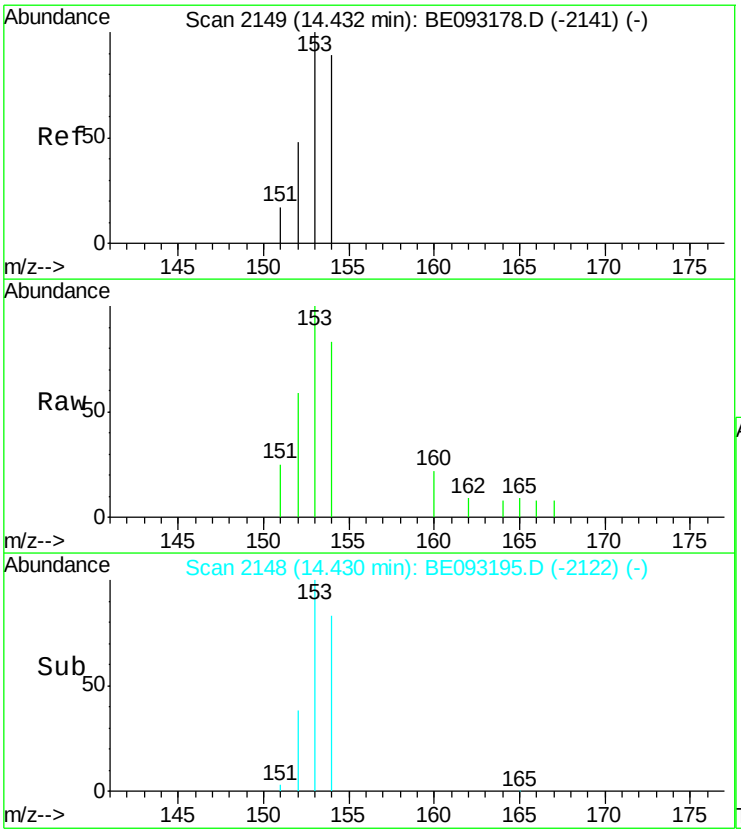
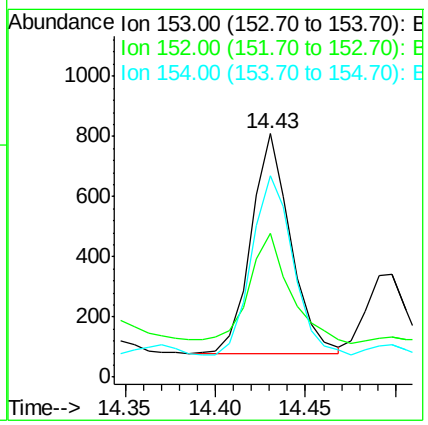
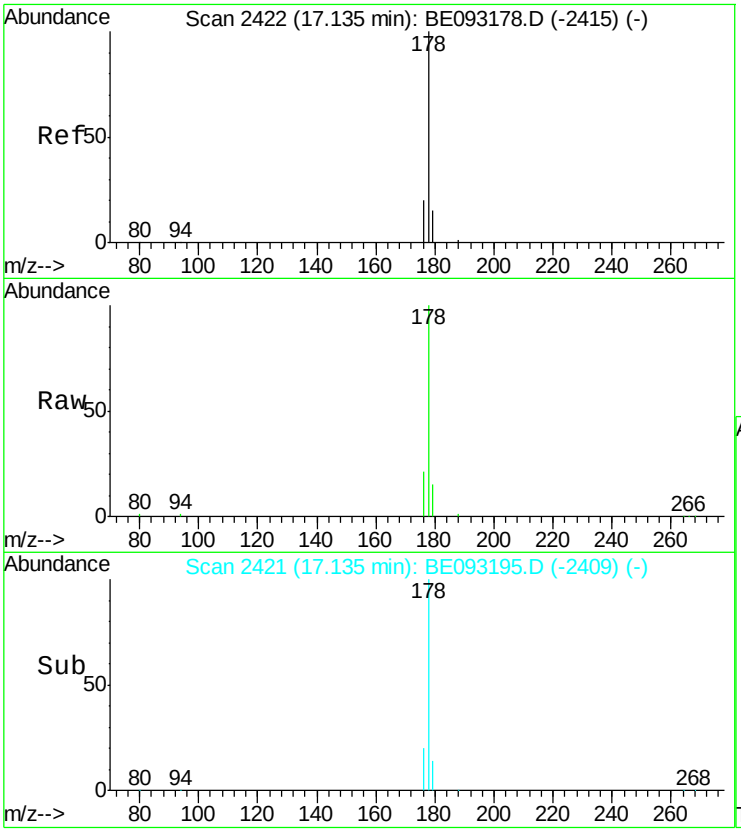


#8
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.43 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:153 Resp: 1116

Ion	Ratio	Lower	Upper
153	100		
152	58.8	40.3	60.5
154	82.9	71.4	107.2





#12
Phenanthrene
Concen: 0.339 ng/ul m
RT: 17.14 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:178 Resp: 27545

Ion	Ratio	Lower	Upper
178	100		
179	15.0	18.4	27.6#
176	20.7	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
F5C60

Manual Integrations APPROVED
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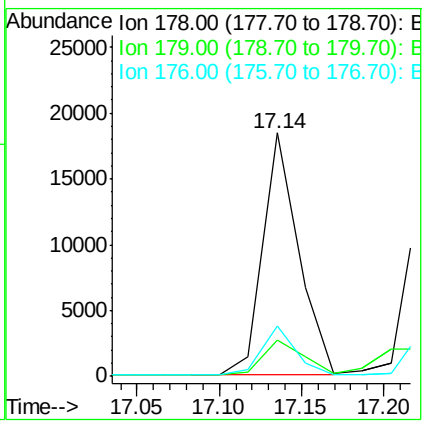
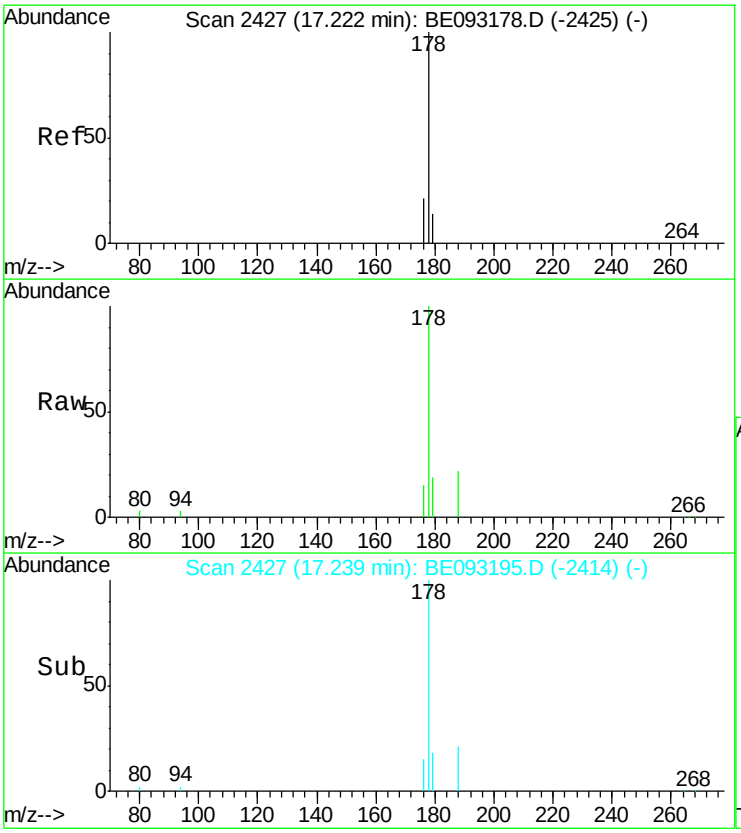
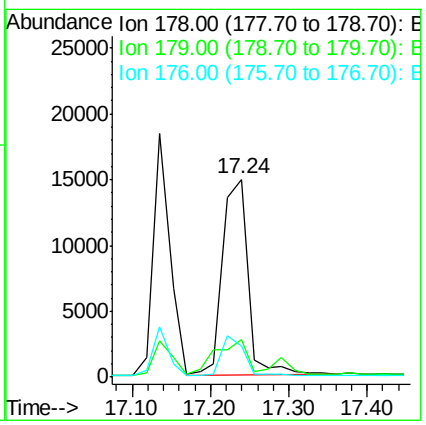


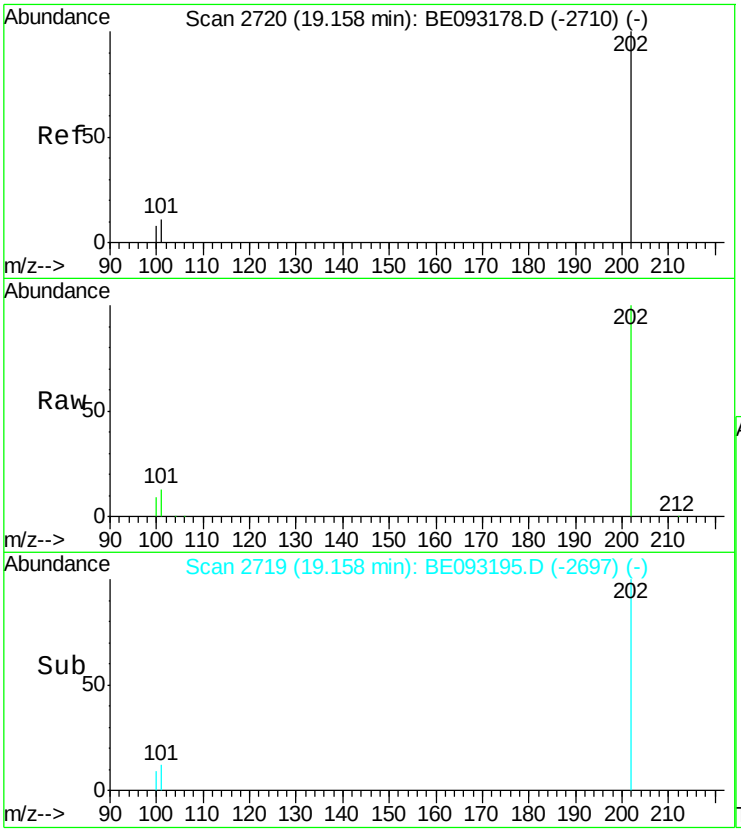


#13
Anthracene
Concen: 0.468 ng/ul
RT: 17.24 min Scan# 2427
Delta R.T. 0.02 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:178 Resp: 33157

Ion	Ratio	Lower	Upper
178	100		
179	18.7	18.1	27.1
176	15.4	14.7	22.1

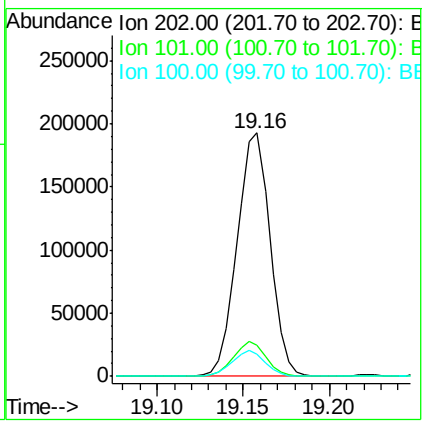




#15
Fluoranthene
Concen: 2.553 ng/ul
RT: 19.16 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:202 Resp: 254536

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.3
100	9.1	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
F5C60

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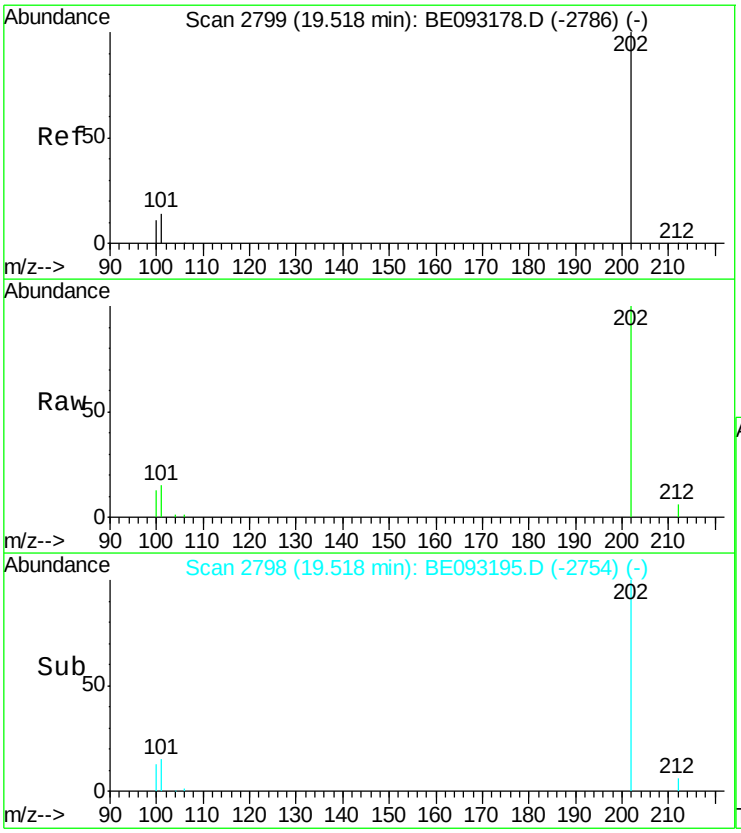
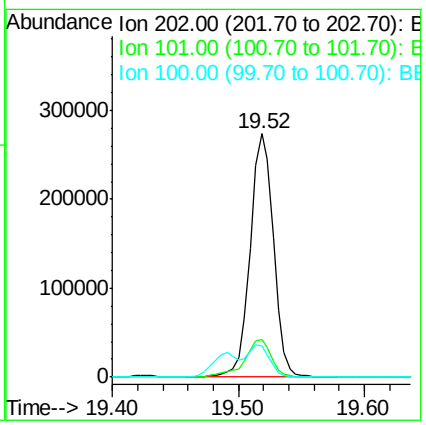
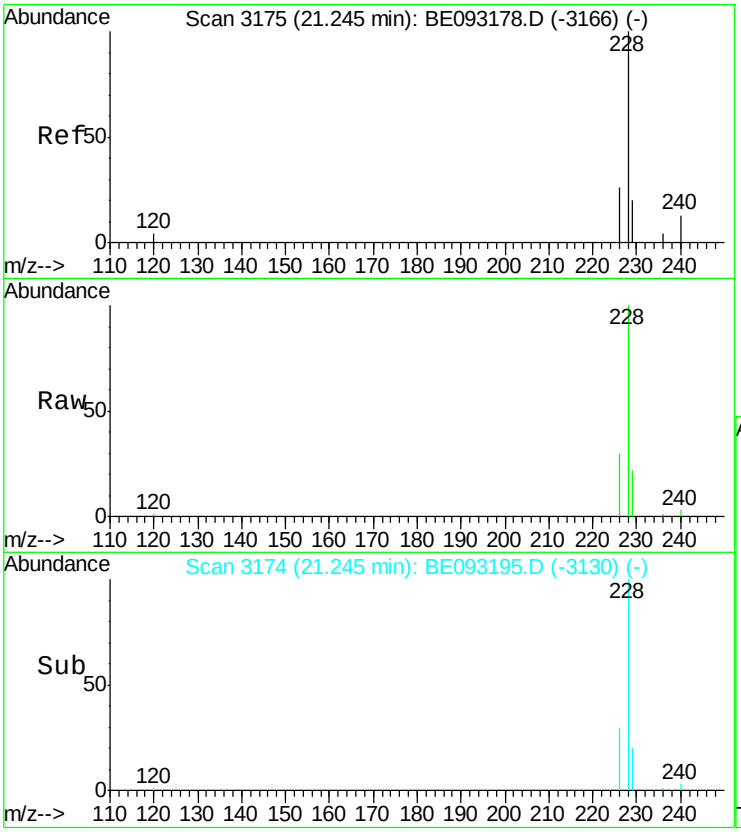


#17
Pyrene
Concen: 4.048 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:202 Resp: 350840

Ion	Ratio	Lower	Upper
202	100		
101	15.5	18.2	27.4#
100	12.7	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 2.135 ng/ul
RT: 21.25 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:228 Resp: 167409

Ion	Ratio	Lower	Upper
228	100		
229	21.5	22.8	34.2#
226	30.1	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
F5C60

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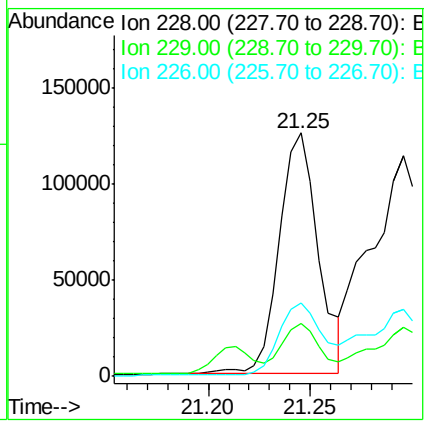
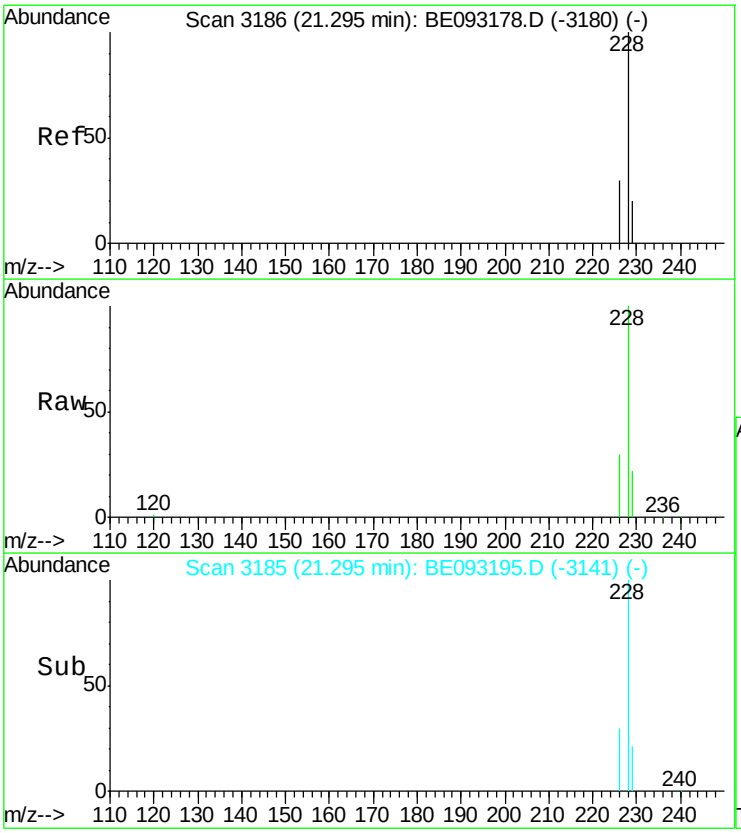
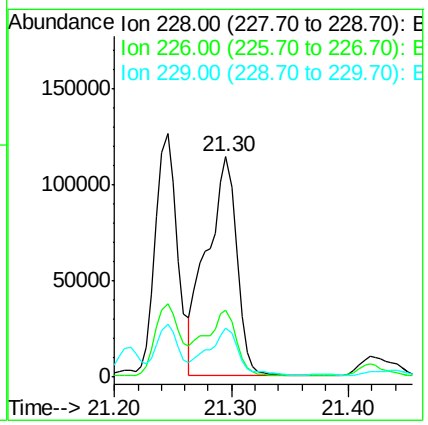


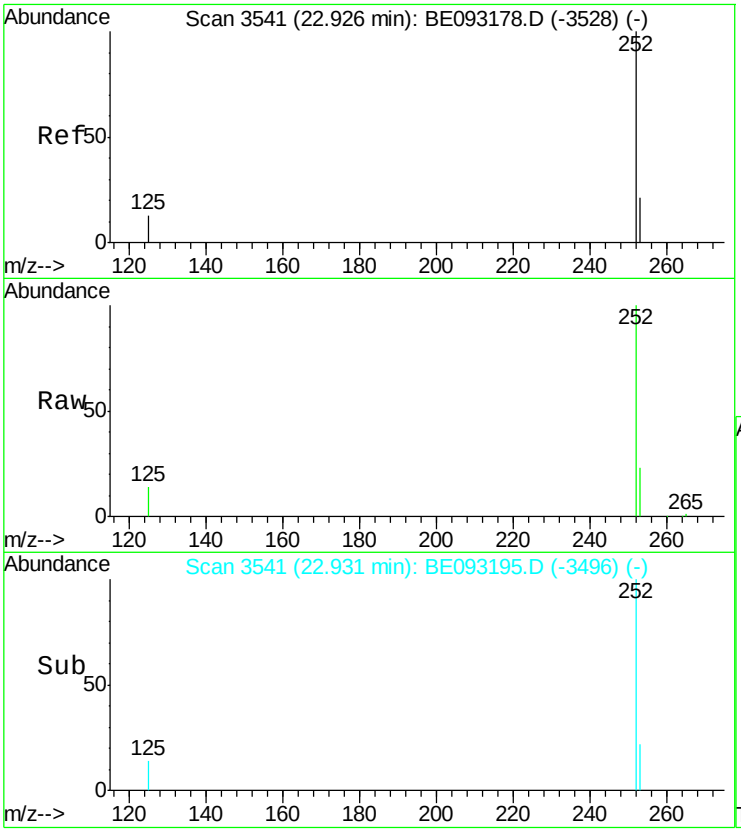


#19
Chrysene
Concen: 2.485 ng/ul
RT: 21.30 min Scan# 3185
Delta R.T. 0.00 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:228 Resp: 202112

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	22.2	17.7	26.5

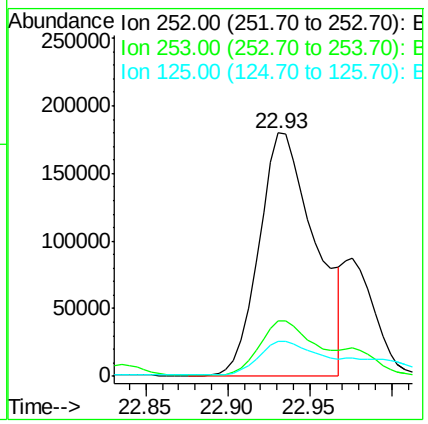




#21
Benzo(b)fluoranthene
Concen: 5.506 ng/ul
RT: 22.93 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:252 Resp: 427909

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	64.2
125	14.3	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
F5C60

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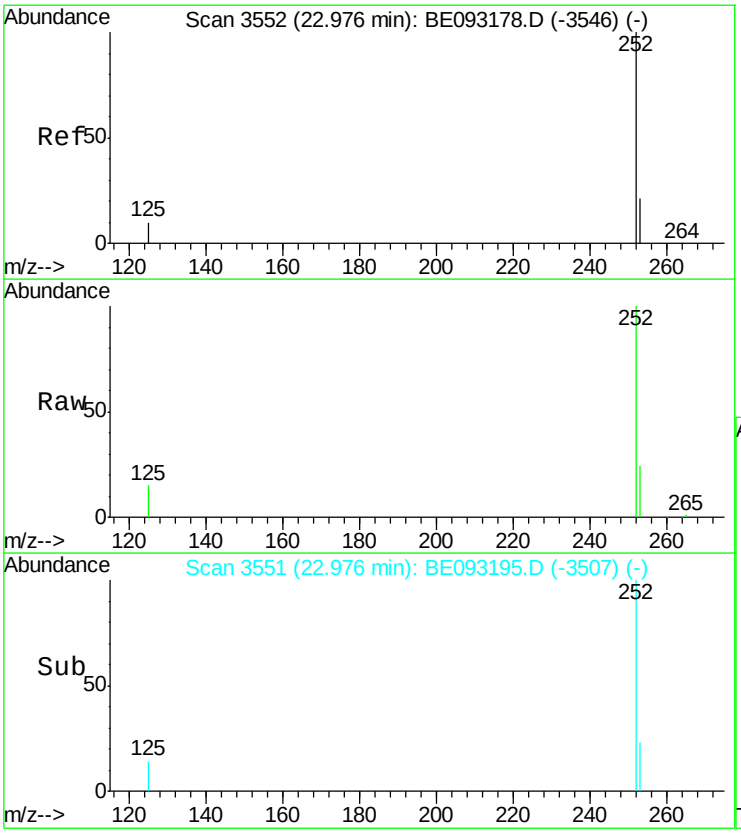
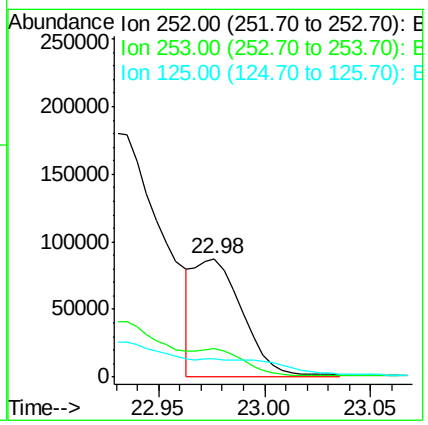
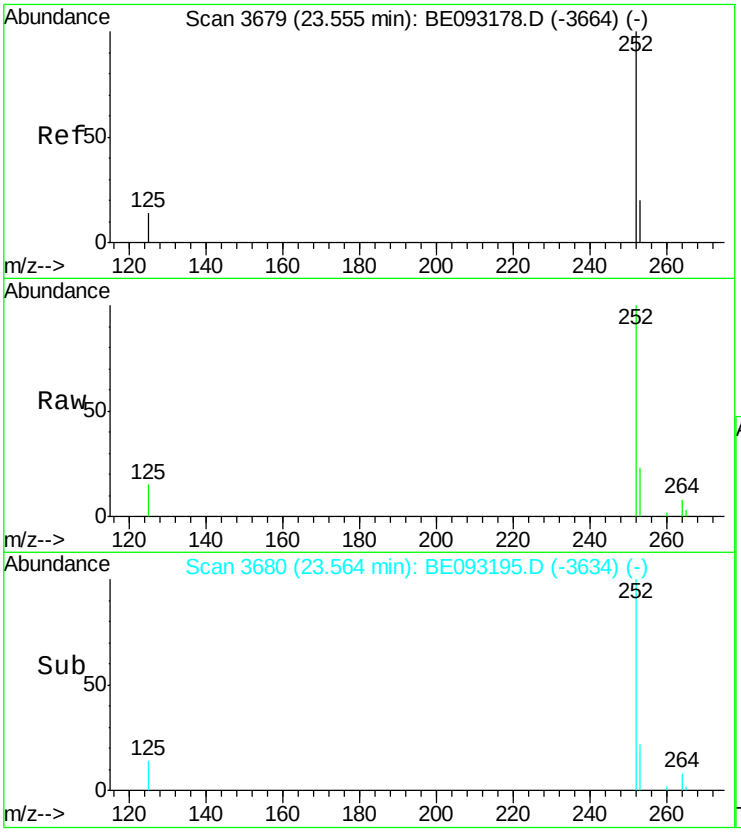


#22
Benzo(k)fluoranthene
Concen: 1.714 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:252 Resp: 141491

Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	15.1	13.7	20.5





#23
Benzo(a)pyrene
Concen: 2.933 ng/ul m
RT: 23.56 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:252 Resp: 215546

Ion	Ratio	Lower	Upper
252	100		
253	23.2	28.5	42.7#
125	15.0	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
F5C60

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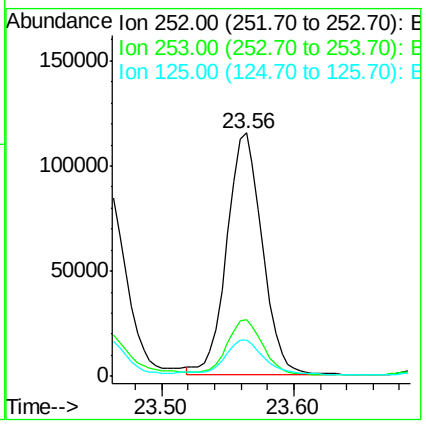
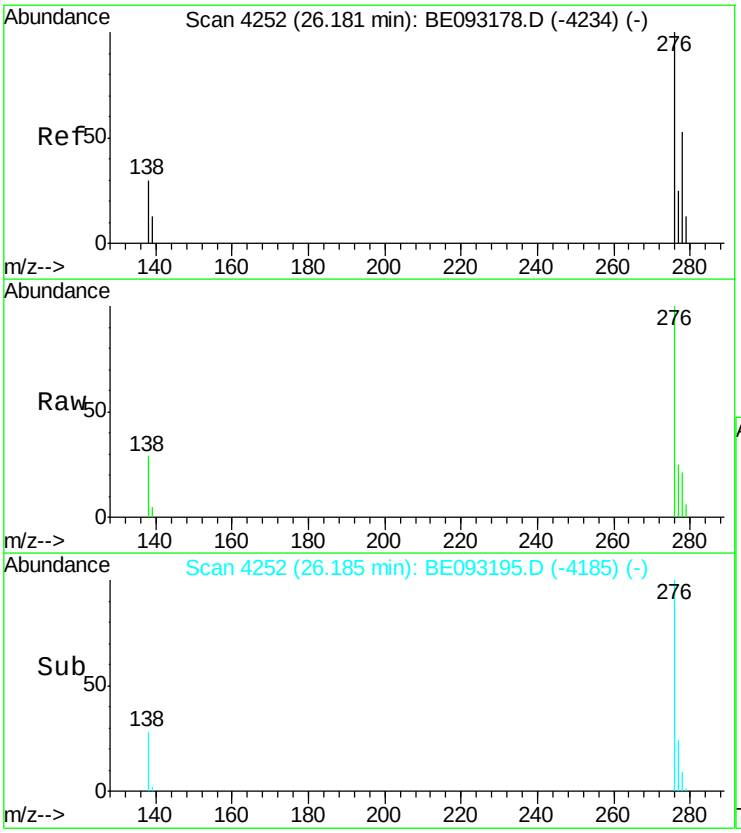
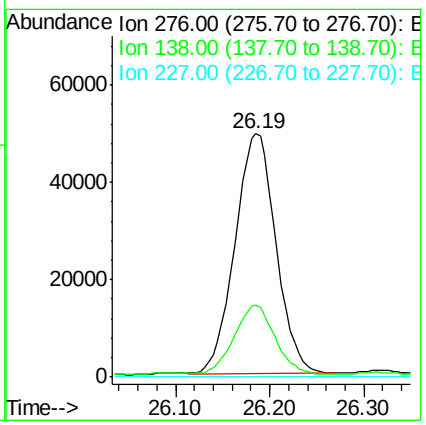


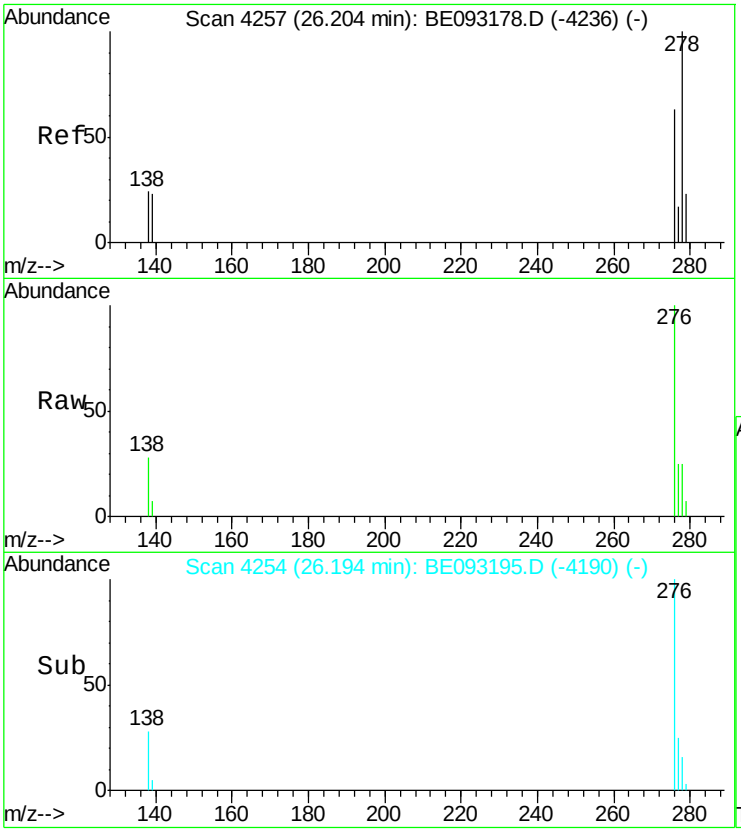


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.747 ng/ul m
RT: 26.19 min Scan# 4252
Delta R.T. 0.00 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:276 Resp: 148662

Ion	Ratio	Lower	Upper
276	100		
138	3.2	28.0	42.0#
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.527 ng/ul m
RT: 26.19 min Scan# 4254
Delta R.T. -0.01 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:278 Resp: 37753

Ion	Ratio	Lower	Upper
278	100		
139	26.8	17.4	26.0#
279	27.4	25.9	38.9

Instrument :
BNA_E
ClientSampleId :
F5C60

Manual Integrations APPROVED
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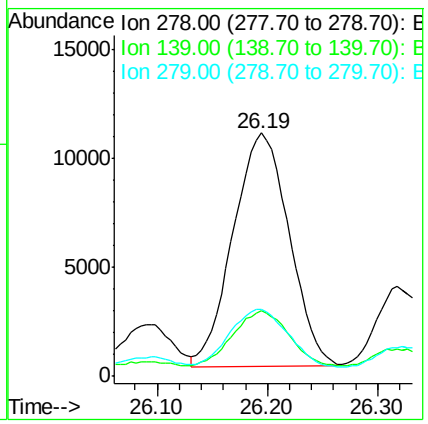

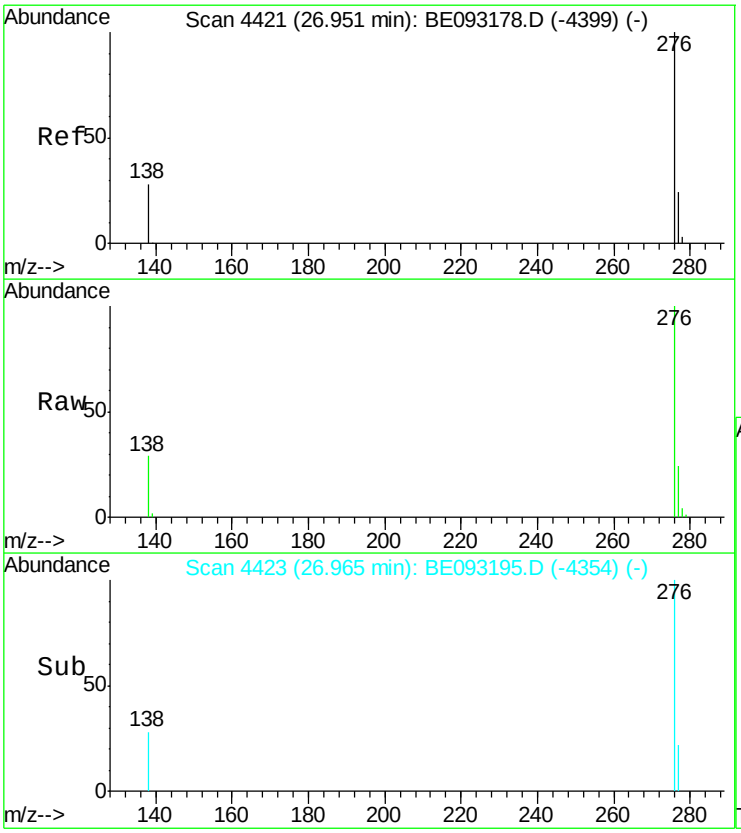

#26
Benzo(g,h,i)perylene
Concen: 1.689 ng/ul
RT: 26.96 min Scan# 4423
Delta R.T. 0.01 min
Lab File: BE093195.D
Acq: 15 Jun 2017 6:48

Tgt Ion:276 Resp: 123245

Ion	Ratio	Lower	Upper
276	100		
138	29.5	21.8	32.8
277	24.4	20.5	30.7