Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
Data File : BE097231.D
Acq On : 8 Aug 2018 12:32
Operator : SJ/JU
Sample : J4268-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AC5

Manual Integrations APPROVED
Sohil
8/9/2018 4:42:56 PM

Quant Time: Aug 09 00:06:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1112	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	5984	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3658	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	8651m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	8982m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	8809m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2046	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	6128m	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	4334	0.299	ng/ul#	94
5) 2-Methylnaphthalene	11.80	142	1999	0.209	ng/ul	99
7) Acenaphthylene	13.73	152	8922	0.564	ng/ul	98
8) Acenaphthene	14.08	153	4619	0.404	ng/ul#	95
9) Fluorene	15.08	166	6991	0.532	ng/ul	95
12) Phenanthrene	16.81	178	251458m	11.402	ng/ul	
13) Anthracene	16.90	178	31653m	1.539	ng/ul	
15) Fluoranthene	18.84	202	774515m	26.569	ng/ul	
17) Pyrene	19.21	202	666008	27.672	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	306171m	11.929	ng/ul	
19) Chrysene	21.02	228	413747	15.644	ng/ul	99
21) Benzo(b)fluoranthene	22.54	252	556599m	23.183	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	195360m	7.547	ng/ul	
23) Benzo(a)pyrene	23.12	252	361072m	15.029	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	289097m	9.615	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	64970m	2.641	ng/ul	
26) Benzo(g,h,i)perylene	26.22	276	290924m	11.196	ng/ul	

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

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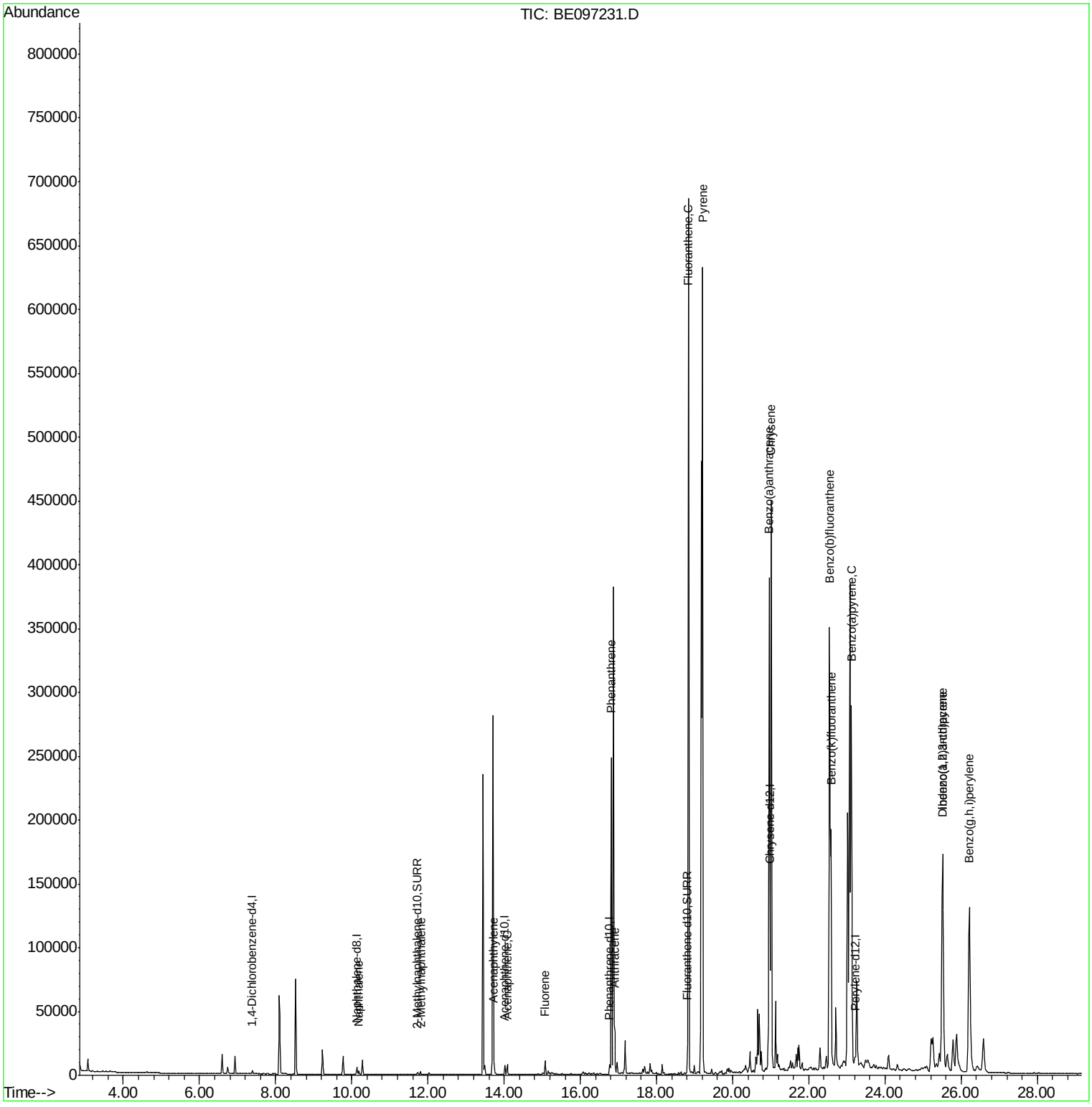

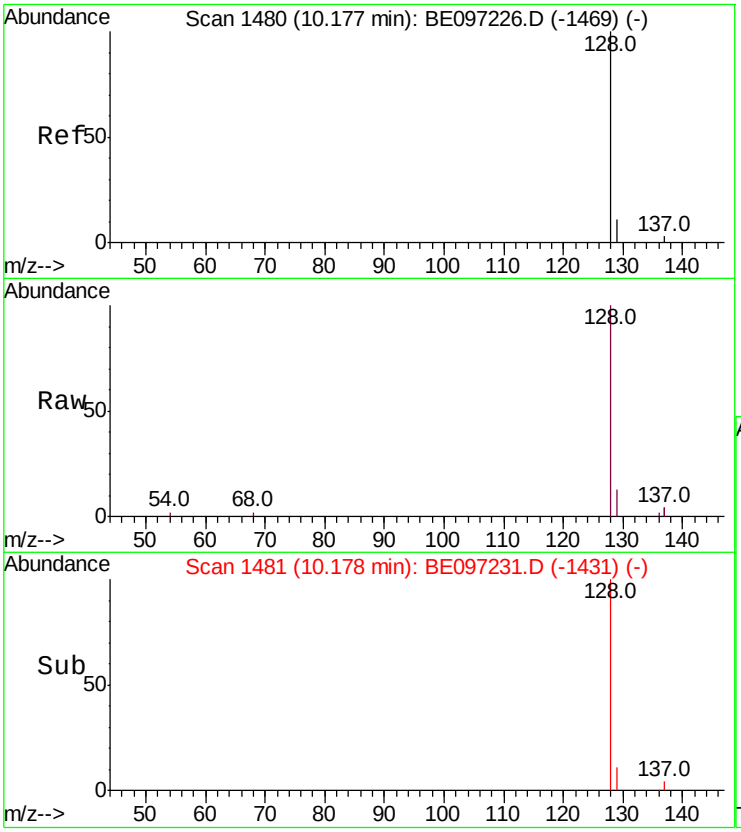

#3
Naphthalene
Concen: 0.299 ng/ul
RT: 10.18 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:128 Resp: 4334

Ion	Ratio	Lower	Upper
128	100		
129	12.9	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AC5

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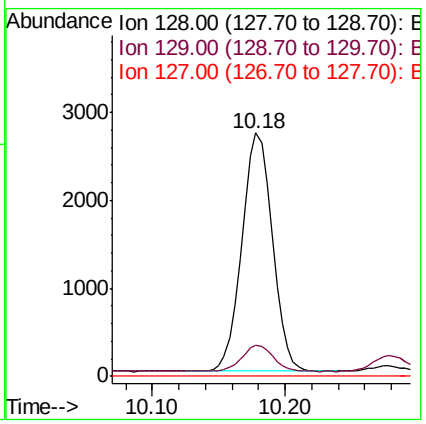
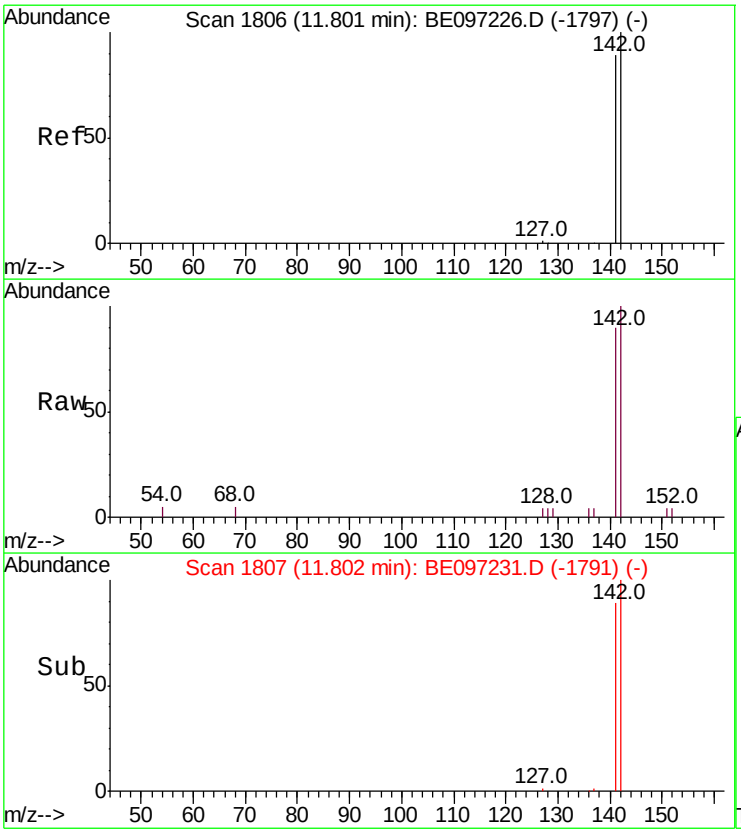
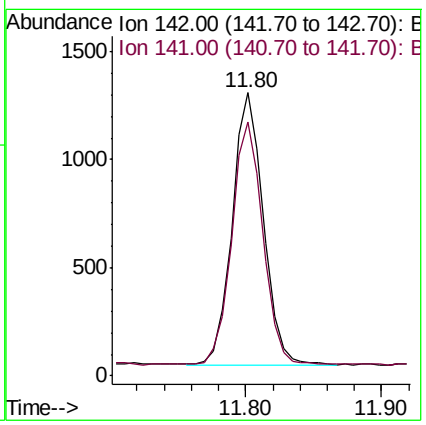


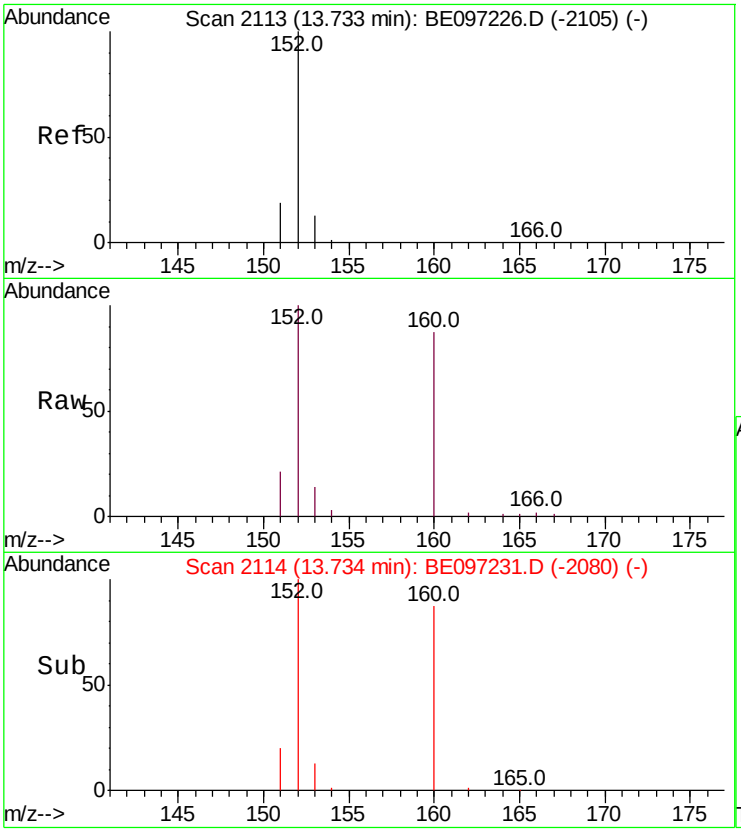


#5
2-Methylnaphthalene
Concen: 0.209 ng/ul
RT: 11.80 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:142 Resp: 1999

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8

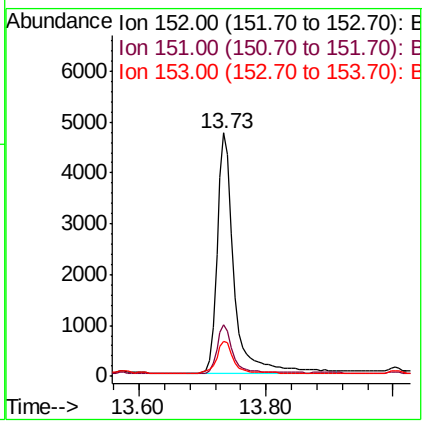




#7
Acenaphthylene
Concen: 0.564 ng/ul
RT: 13.73 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:152 Resp: 8922

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.1	25.7
153	14.5	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
C0AC5

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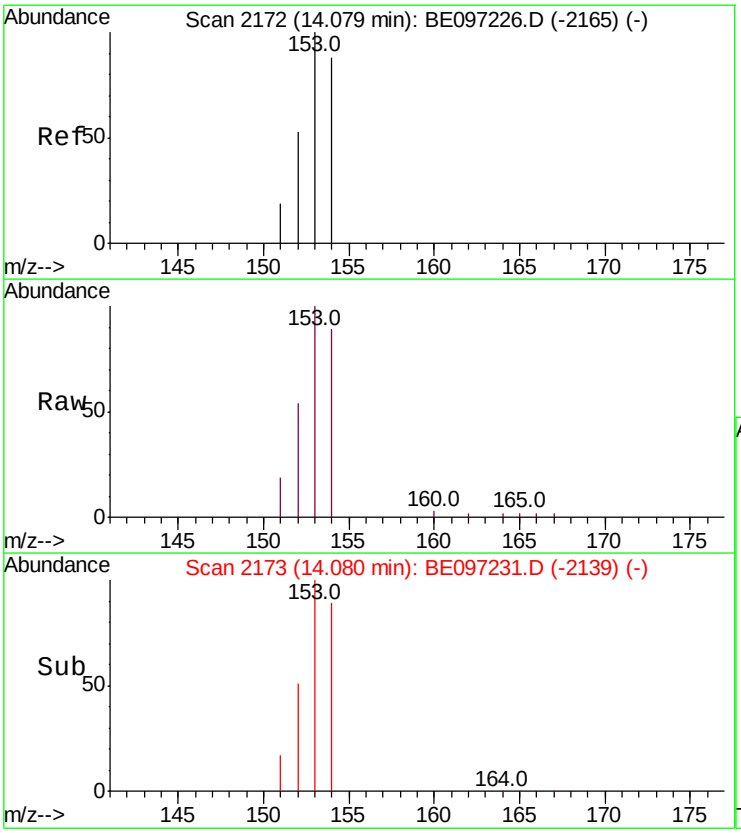
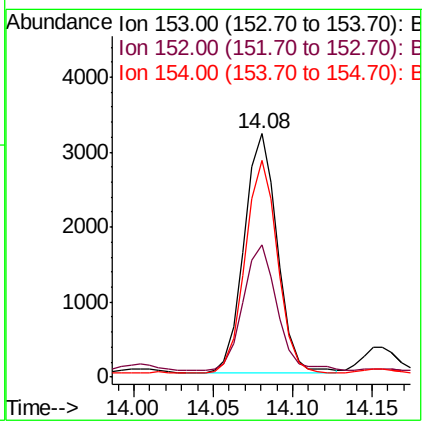
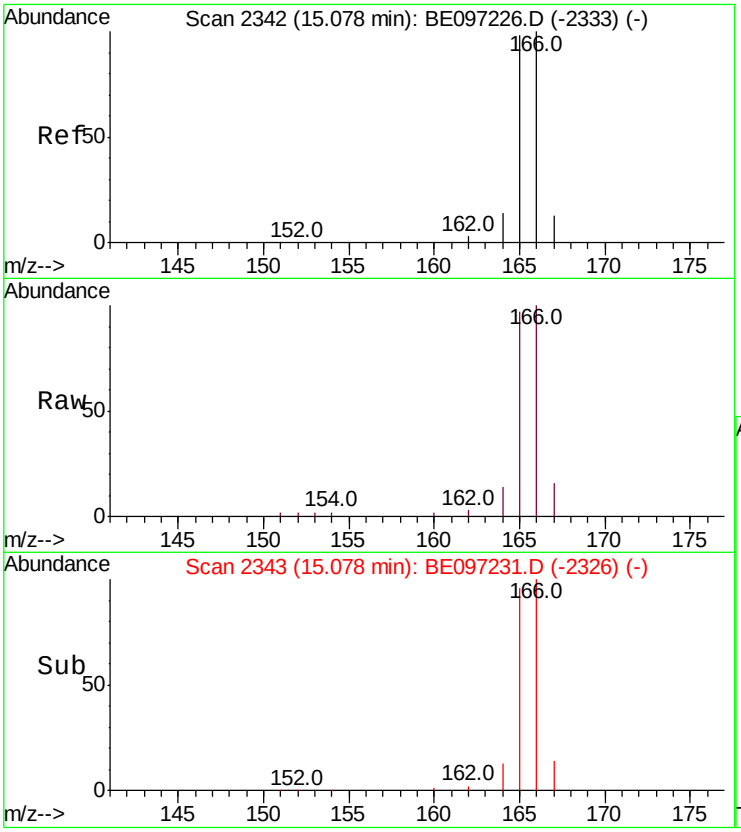


#8
Acenaphthene
Concen: 0.404 ng/ul
RT: 14.08 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:153 Resp: 4619

Ion	Ratio	Lower	Upper
153	100		
152	54.3	36.0	54.0#
154	88.9	72.0	108.0





#9
Fluorene
Concen: 0.532 ng/ul
RT: 15.08 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:166 Resp: 6991

Ion	Ratio	Lower	Upper
166	100		
165	96.8	73.4	110.2
167	16.1	14.6	22.0

Instrument :
BNA_E
ClientSampleId :
C0AC5

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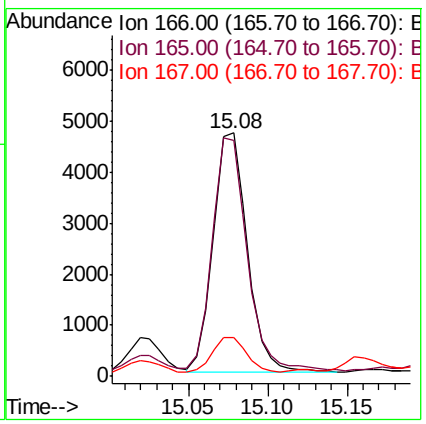
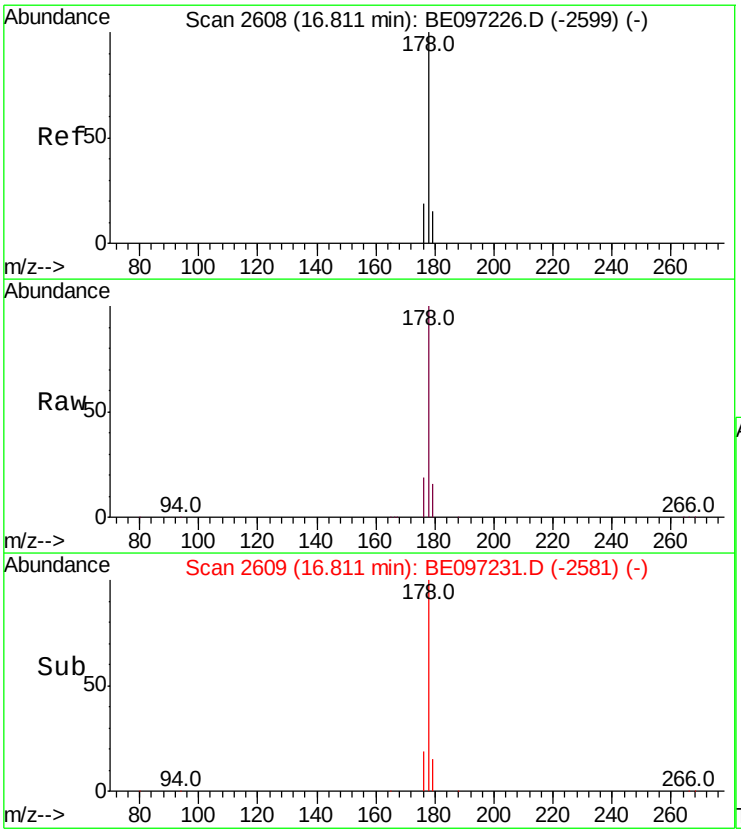
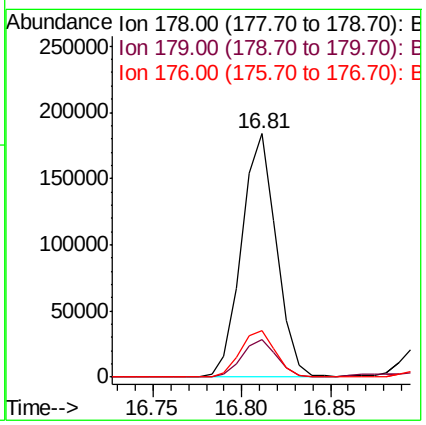


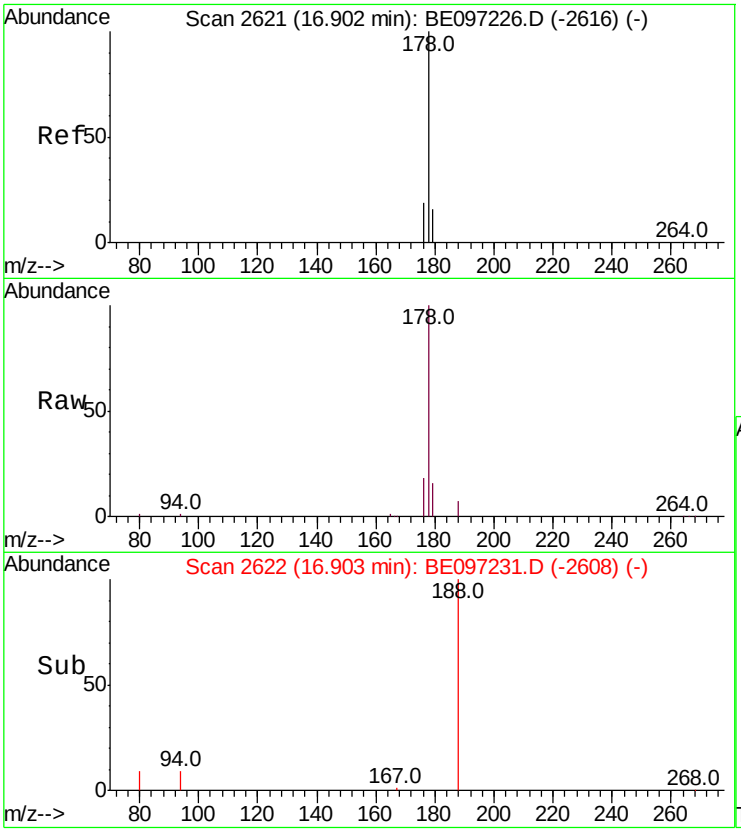


#12
Phenanthrene
Concen: 11.402 ng/ul m
RT: 16.81 min Scan# 2609
Delta R.T. 0.00 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:178 Resp: 251458

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	19.3	13.6	20.4

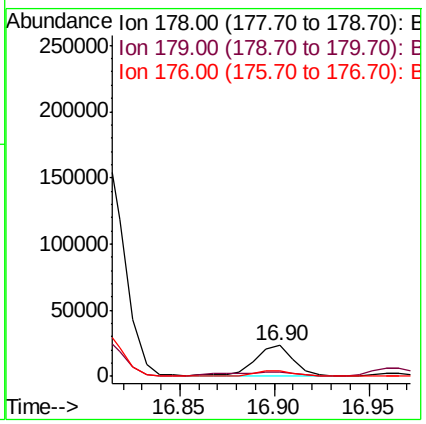




#13
Anthracene
Concen: 1.539 ng/ul m
RT: 16.90 min Scan# 2622
Delta R.T. 0.00 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:178 Resp: 31653

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	18.5	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AC5

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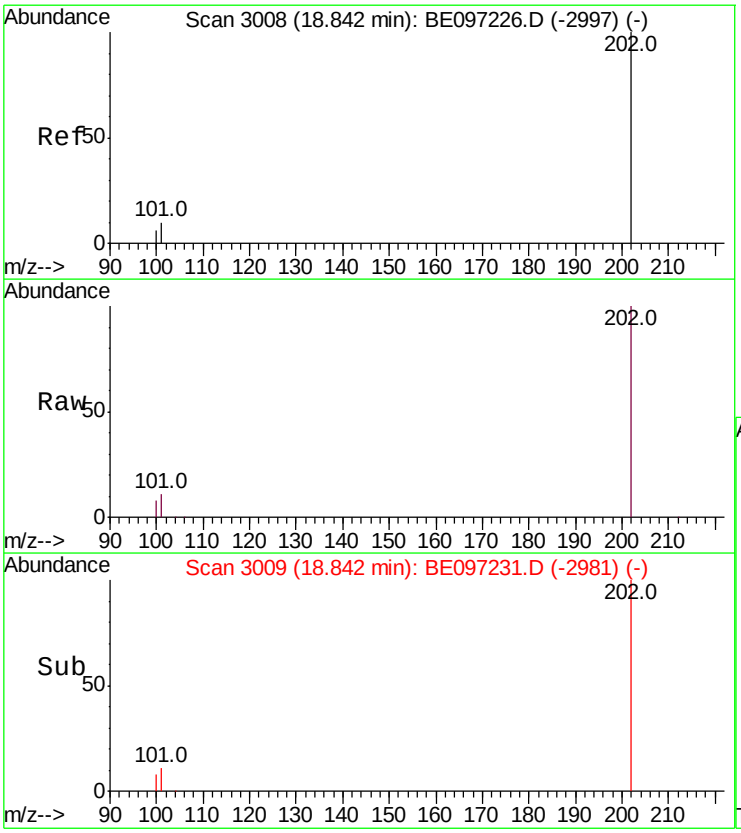
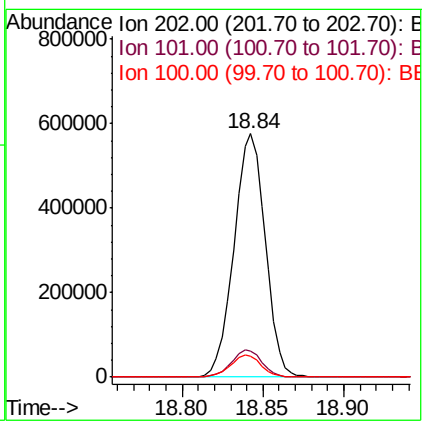
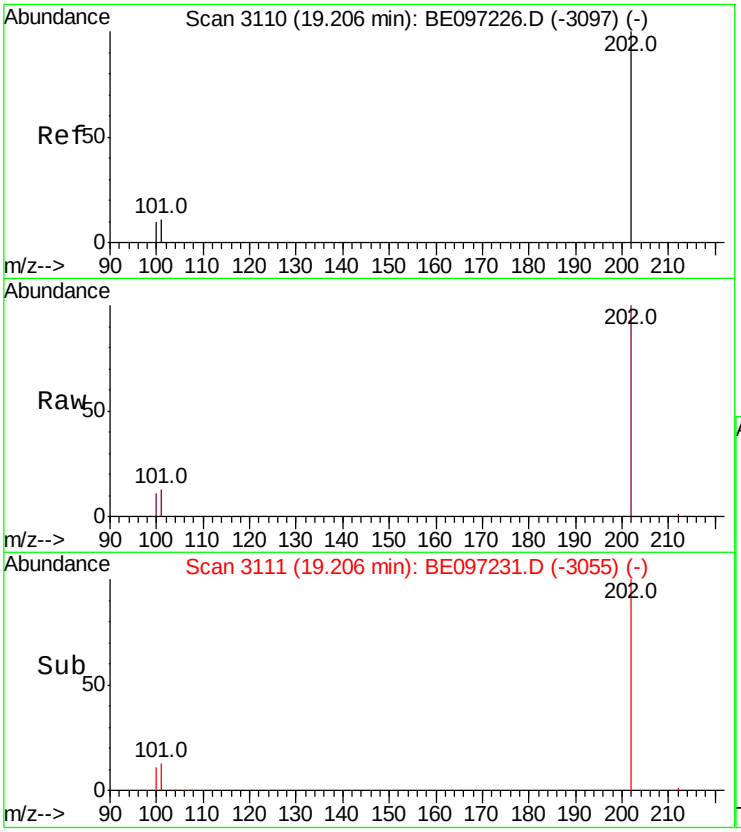


#15
Fluoranthene
Concen: 26.569 ng/ul m
RT: 18.84 min Scan# 3009
Delta R.T. 0.00 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:202 Resp: 774515

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
100	8.5	0.0	39.5





#17
Pyrene
Concen: 27.672 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:202 Resp: 666008

Ion	Ratio	Lower	Upper
202	100		
101	12.6	18.2	27.4#
100	11.0	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AC5

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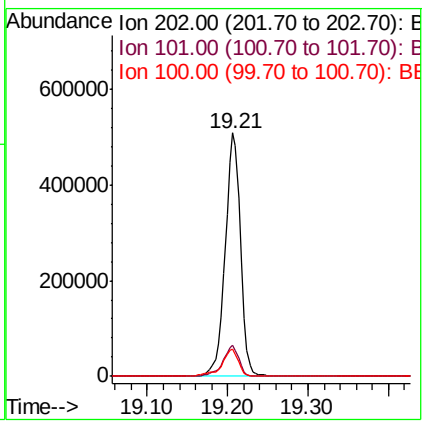
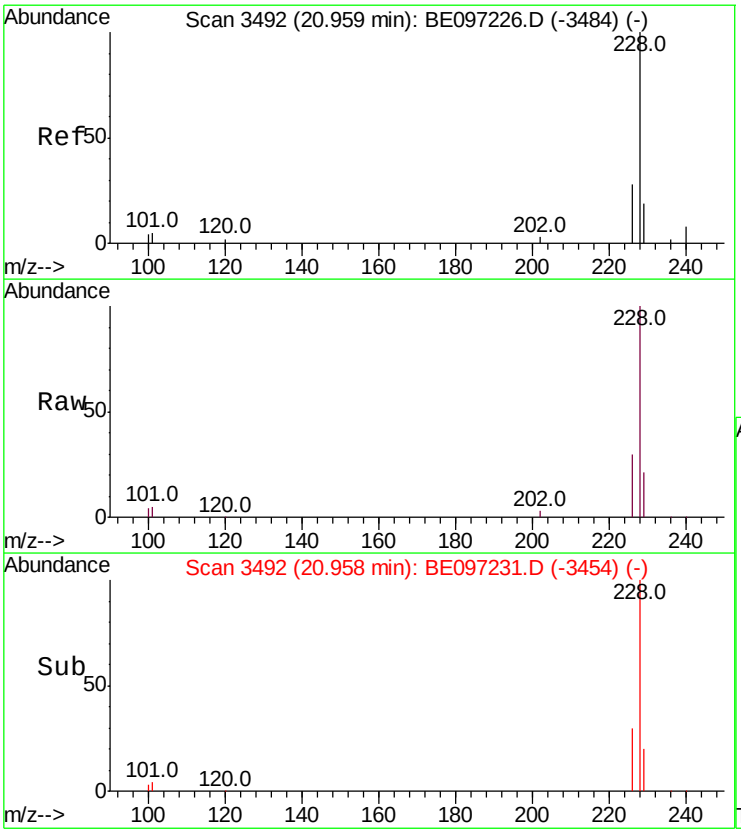
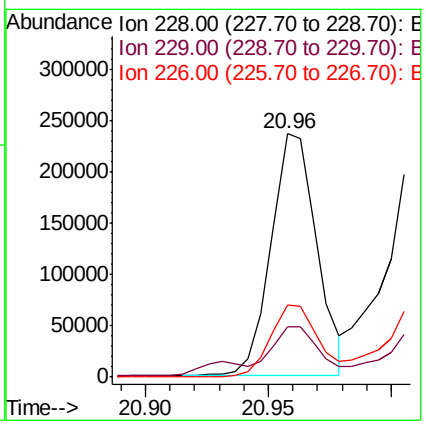


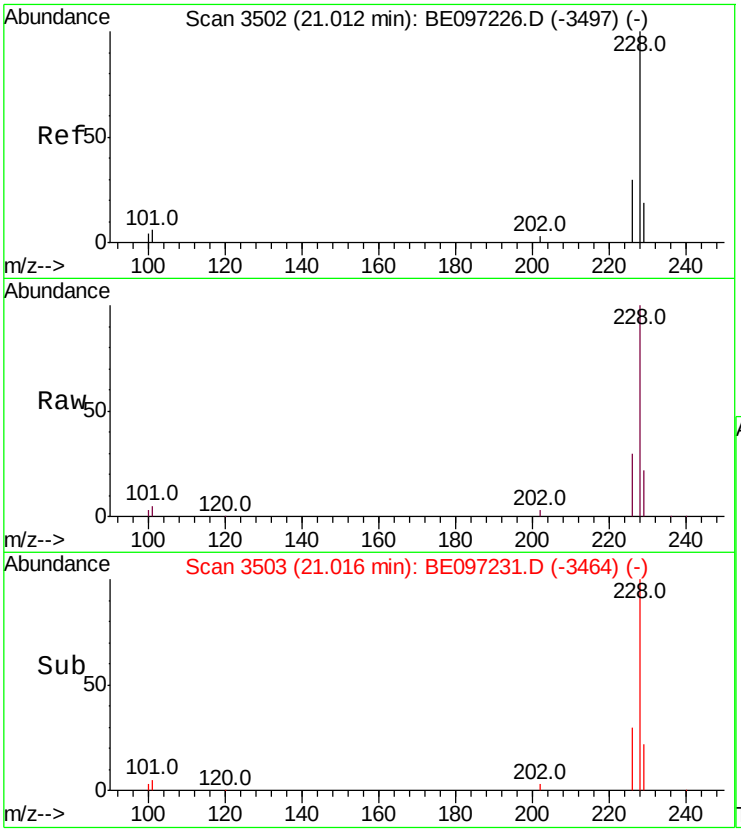


#18
Benzo(a)anthracene
Concen: 11.929 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:228 Resp: 306171

Ion	Ratio	Lower	Upper
228	100		
229	20.6	22.8	34.2#
226	29.8	17.0	25.6#

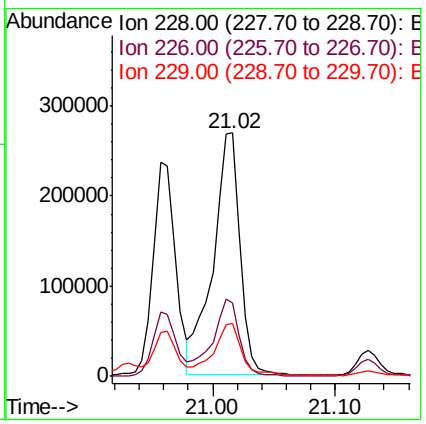




#19
Chrysene
Concen: 15.644 ng/ul
RT: 21.02 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:228 Resp: 413747

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	21.9	17.7	26.5



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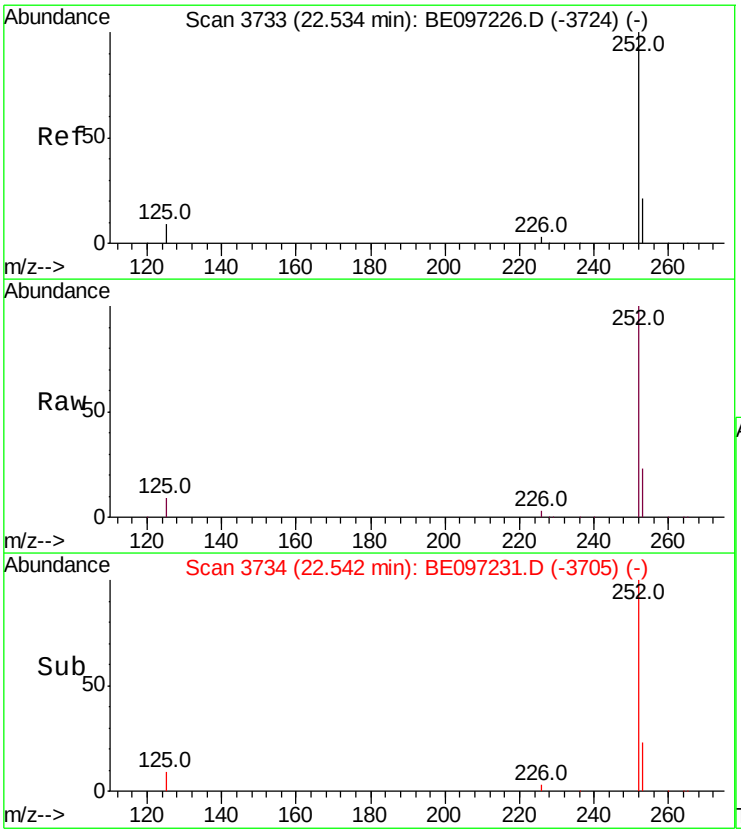
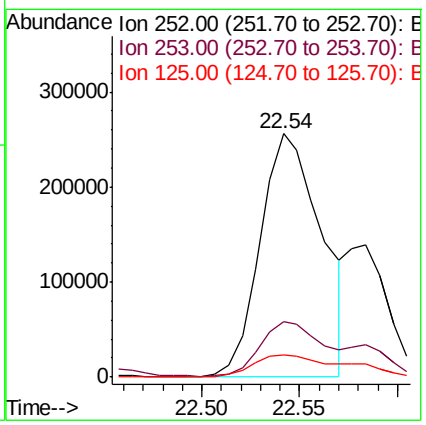
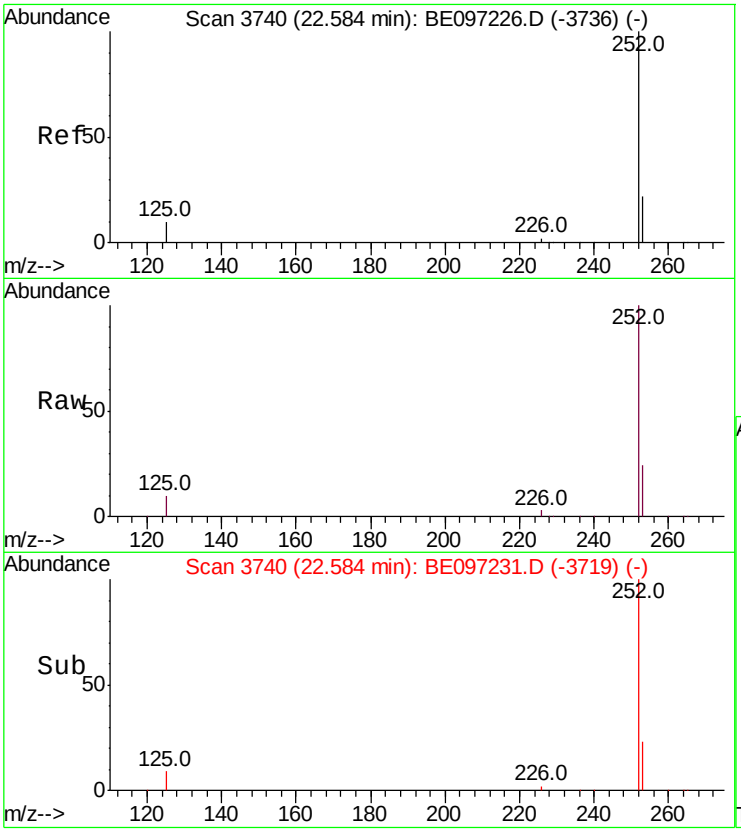


#21
Benzo(b)fluoranthene
Concen: 23.183 ng/ul m
RT: 22.54 min Scan# 3734
Delta R.T. 0.01 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:252 Resp: 556599

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	64.2
125	9.3	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 7.547 ng/ul m
RT: 22.58 min Scan# 3740
Delta R.T. 0.00 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:252 Resp: 195360

Ion	Ratio	Lower	Upper
252	100		
253	24.0	24.5	36.7#
125	9.6	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AC5

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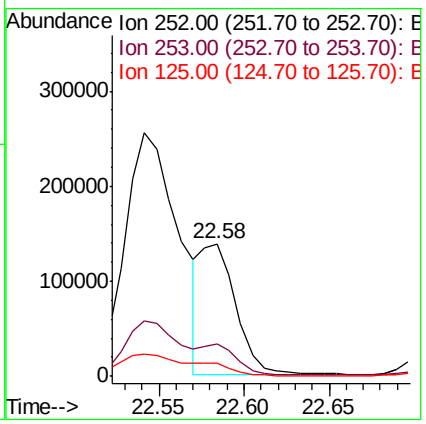
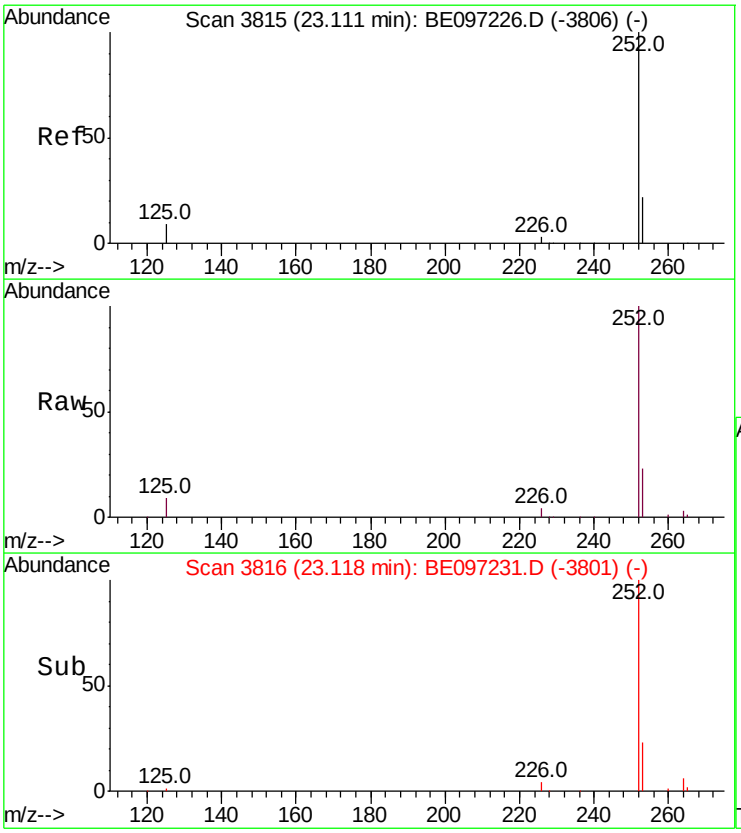
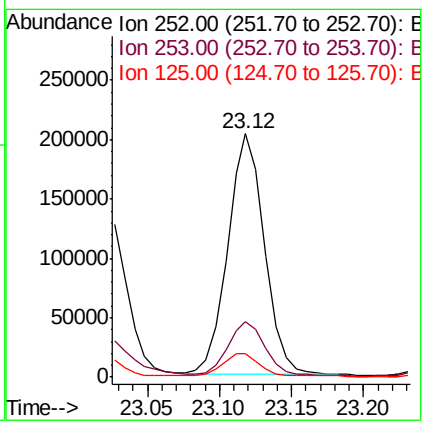


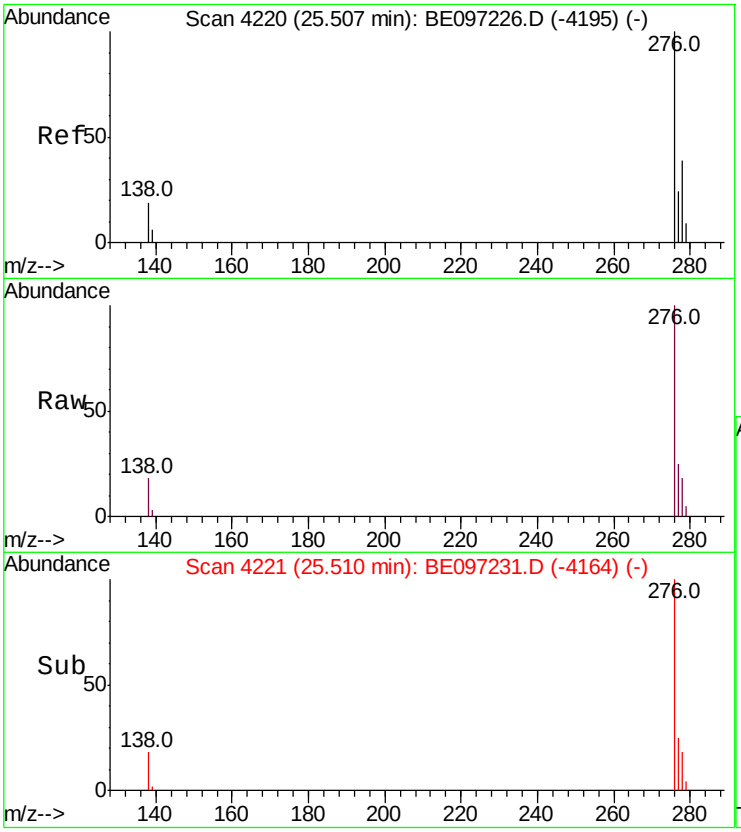


#23
Benzo(a)pyrene
Concen: 15.029 ng/ul m
RT: 23.12 min Scan# 3816
Delta R.T. 0.01 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:252 Resp: 361072

Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	9.5	18.1	27.1#

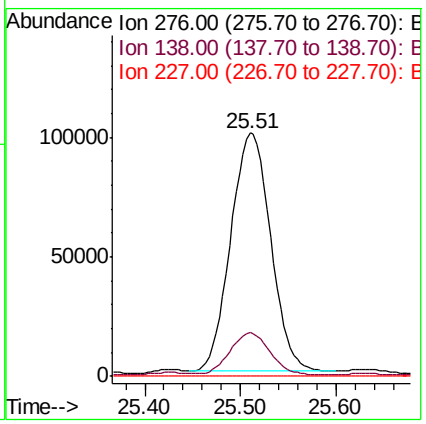




#24
Indeno(1,2,3-cd)pyrene
Concen: 9.615 ng/ul m
RT: 25.51 min Scan# 4221
Delta R.T. 0.00 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:276 Resp: 289097

Ion	Ratio	Lower	Upper
276	100		
138	1.5	28.0	42.0#
227	0.0	8.0	12.0#



Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations APPROVED
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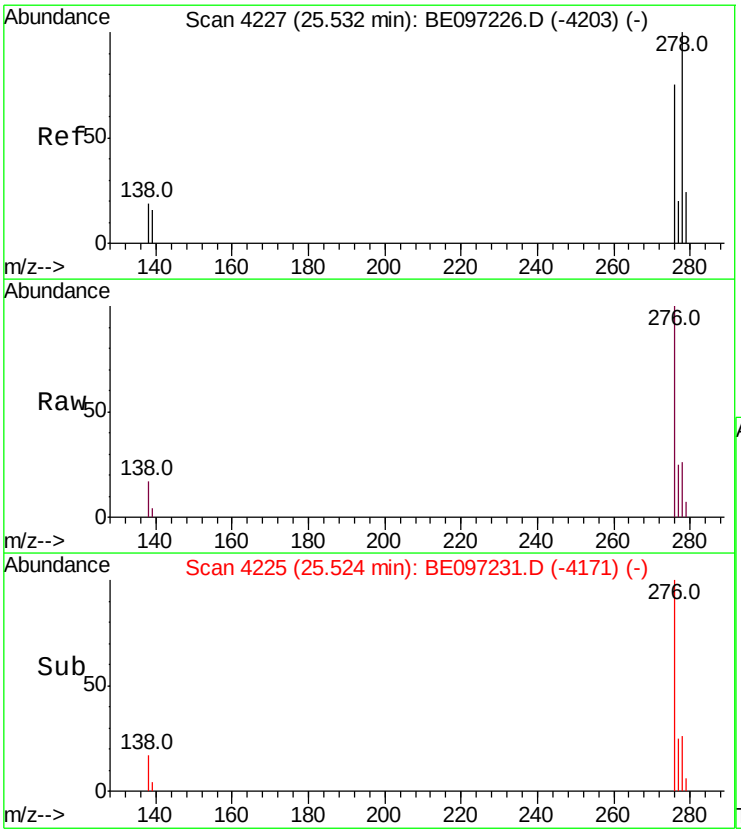
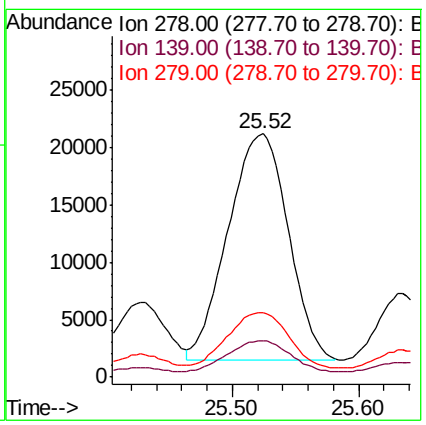
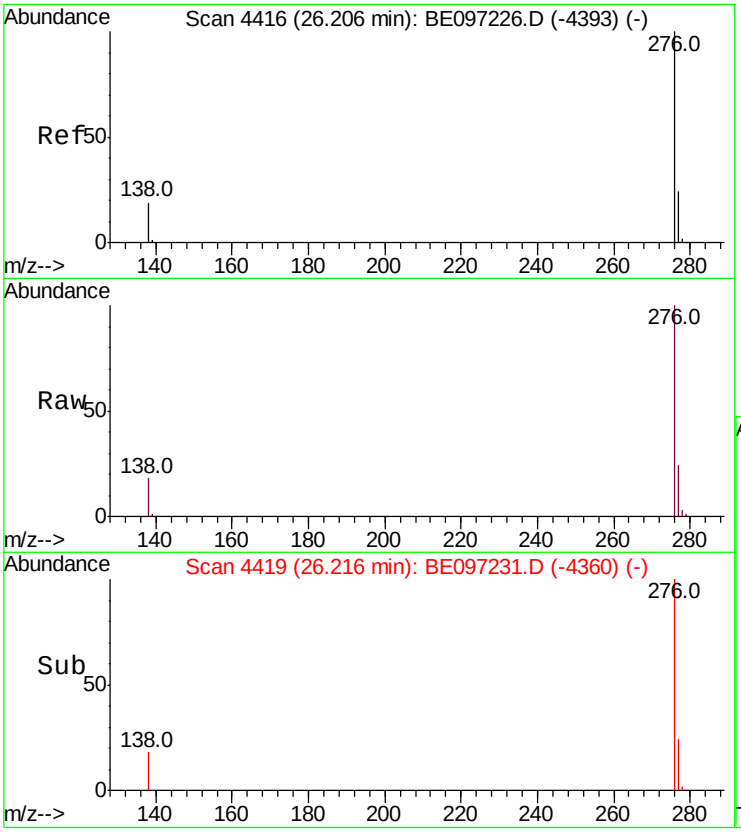


#25
Dibenzo(a,h)anthracene
Concen: 2.641 ng/ul m
RT: 25.52 min Scan# 4225
Delta R.T. -0.01 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:278 Resp: 64970

Ion	Ratio	Lower	Upper
278	100		
139	15.1	17.4	26.0#
279	26.5	25.9	38.9

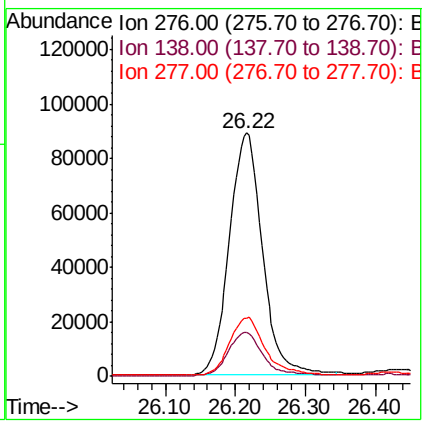




#26
Benzo(g,h,i)perylene
Concen: 11.196 ng/ul m
RT: 26.22 min Scan# 4419
Delta R.T. 0.01 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:276 Resp: 290924

Ion	Ratio	Lower	Upper
276	100		
138	18.1	21.8	32.8#
277	24.1	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations APPROVED
Sohil
8/9/2018 4:42:56 PM