Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020818\
Data File : BE095572.D
Acq On : 8 Feb 2018 16:55
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C83

Manual Integrations APPROVED
Sohil
2/9/2018 4:30:50 PM

Quant Time: Feb 09 03:13:48 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 01:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1960	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5891	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	283492	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8435m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	6815	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	6306m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3633	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	10166	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.30	128	6470	0.392	ng/ul#	1
8) Acenaphthene	15.08	153	108008	0.102	ng/ul	93
9) Fluorene	16.02	166	116879m	0.107	ng/ul	
11) Pentachlorophenol	17.36	266	3762	2.303	ng/ul	96
12) Phenanthrene	17.75	178	16974m	0.598	ng/ul	
13) Anthracene	17.84	178	81393	3.135	ng/ul#	92
15) Fluoranthene	19.72	202	302349	8.231	ng/ul	82
17) Pyrene	20.08	202	238334m	10.422	ng/ul	
18) Benzo(a)anthracene	21.78	228	45278	2.125	ng/ul#	83
19) Chrysene	21.84	228	38740	1.751	ng/ul	92
21) Benzo(b)fluoranthene	23.62	252	29699m	1.335	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	8120m	0.399	ng/ul	
23) Benzo(a)pyrene	24.32	252	16142m	0.813	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.23	276	5037m	0.231	ng/ul	
25) Dibenzo(a,h)anthracene	27.25	278	1457m	0.082	ng/ul	
26) Benzo(g,h,i)perylene	28.11	276	4048m	0.219	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020818\
Data File : BE095572.D
Acq On : 8 Feb 2018 16:55
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 09 03:13:48 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 01:31:22 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C83

Manual Integrations APPROVED
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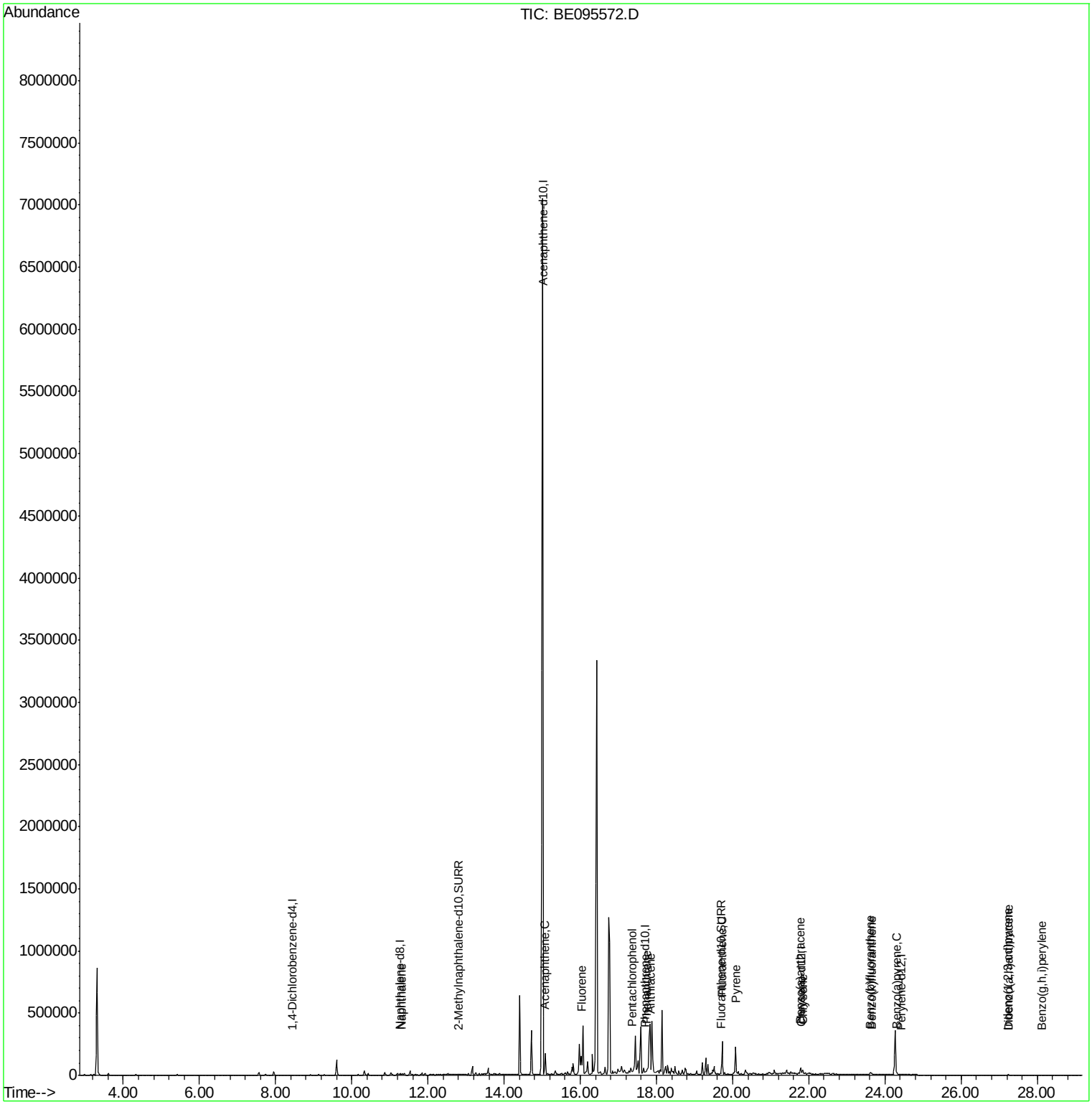

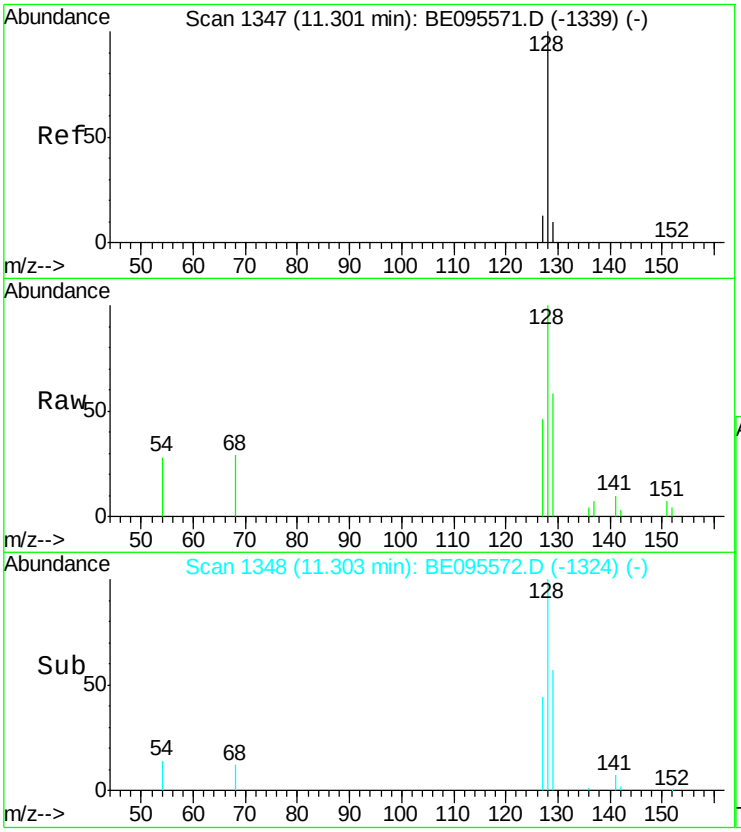

#3
Naphthalene
Concen: 0.392 ng/ul
RT: 11.30 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Tgt Ion:128 Resp: 6470

Ion	Ratio	Lower	Upper
128	100		
129	58.3	11.3	16.9#
127	45.6	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F6C83

Manual Integrations APPROVED
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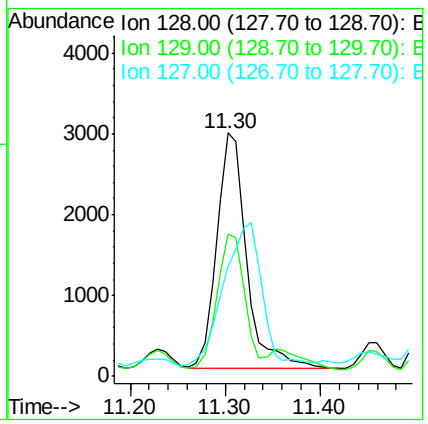
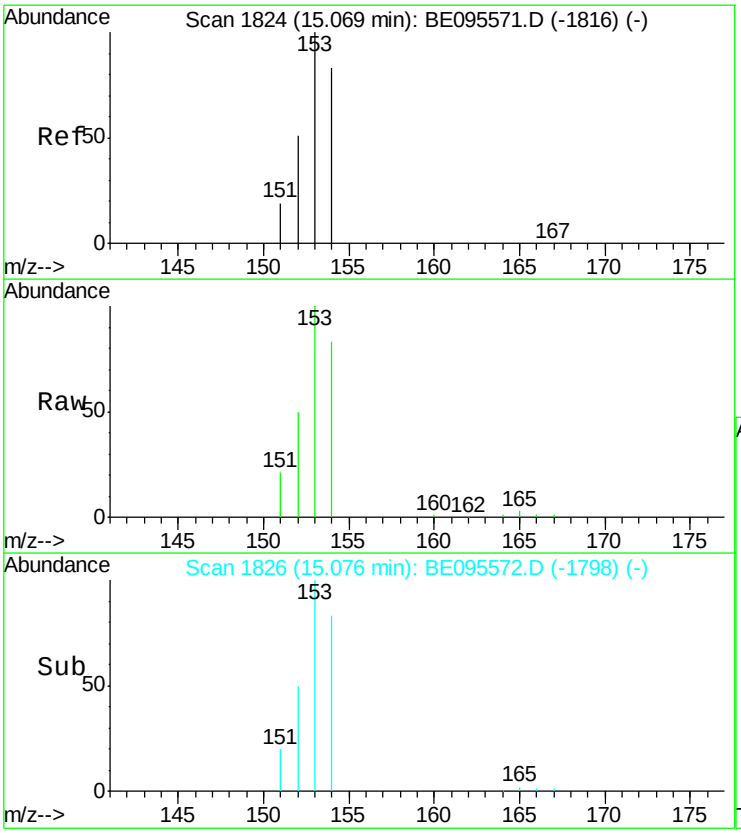
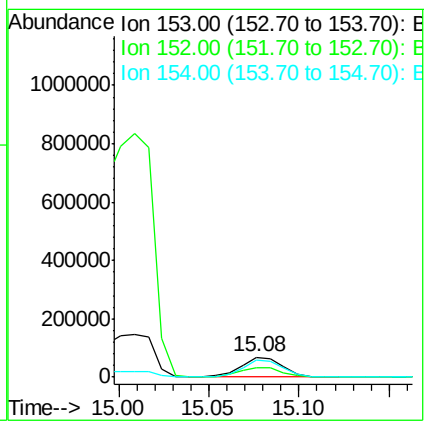


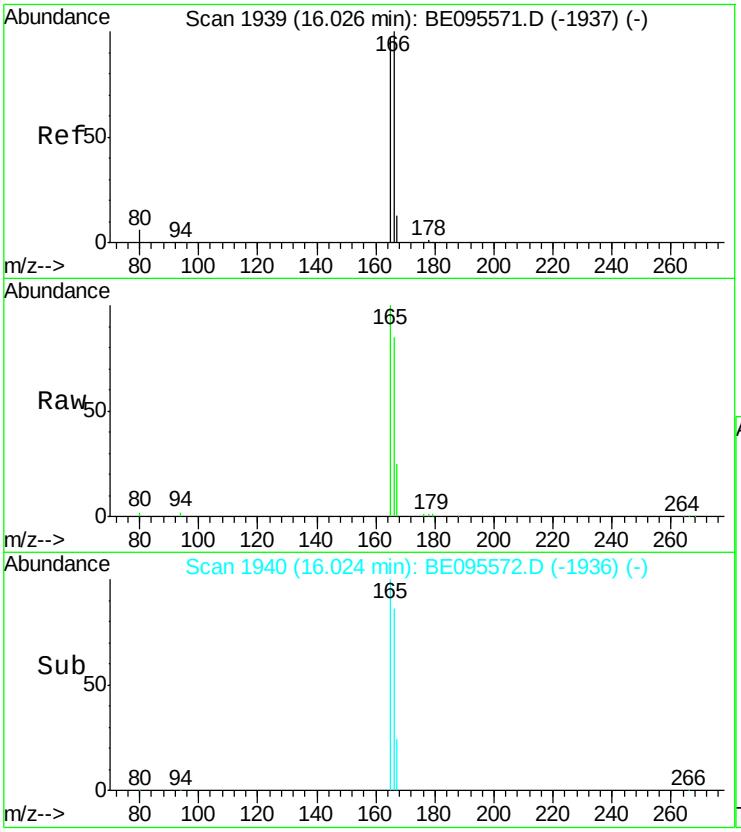


#8
Acenaphthene
Concen: 0.102 ng/ul
RT: 15.08 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Tgt Ion:153 Resp: 108008

Ion	Ratio	Lower	Upper
153	100		
152	50.0	36.0	54.0
154	83.3	72.0	108.0





#9
Fluorene
Concen: 0.107 ng/ul m
RT: 16.02 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Tgt Ion:166 Resp: 116879

Ion	Ratio	Lower	Upper
166	100		
165	118.2	73.4	110.2#
167	29.2	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
F6C83

Manual Integrations APPROVED
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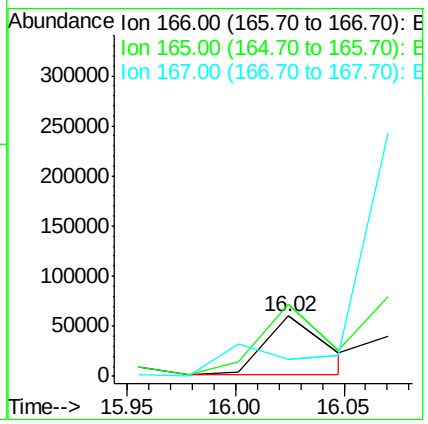
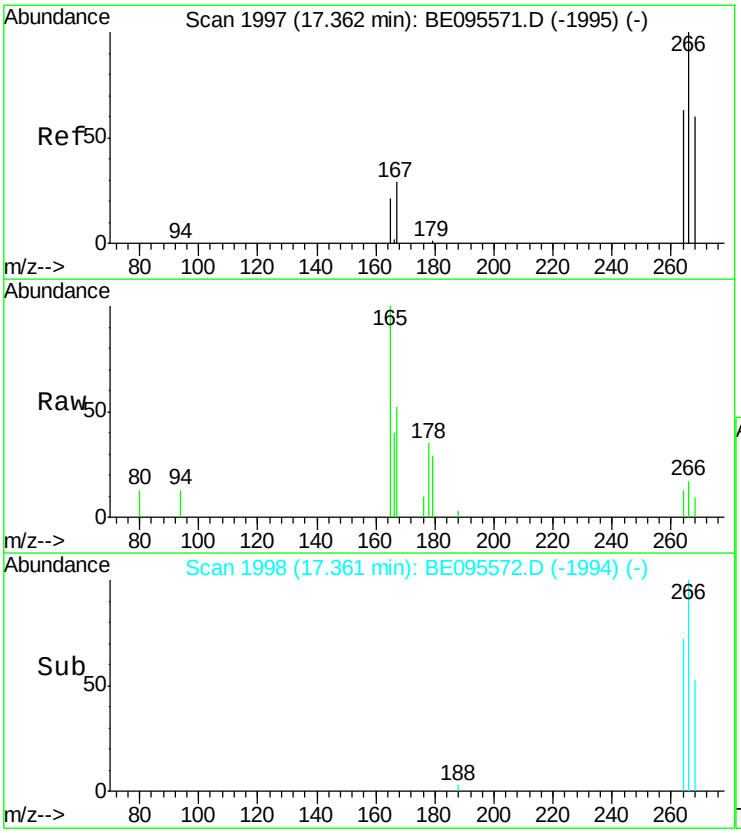
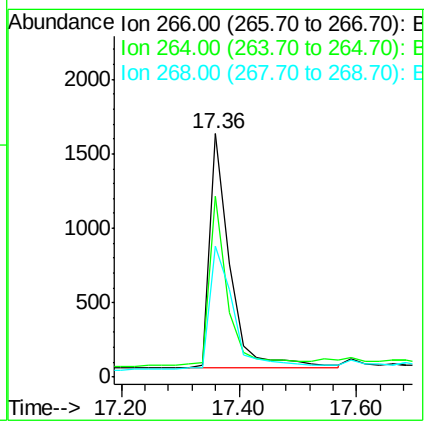


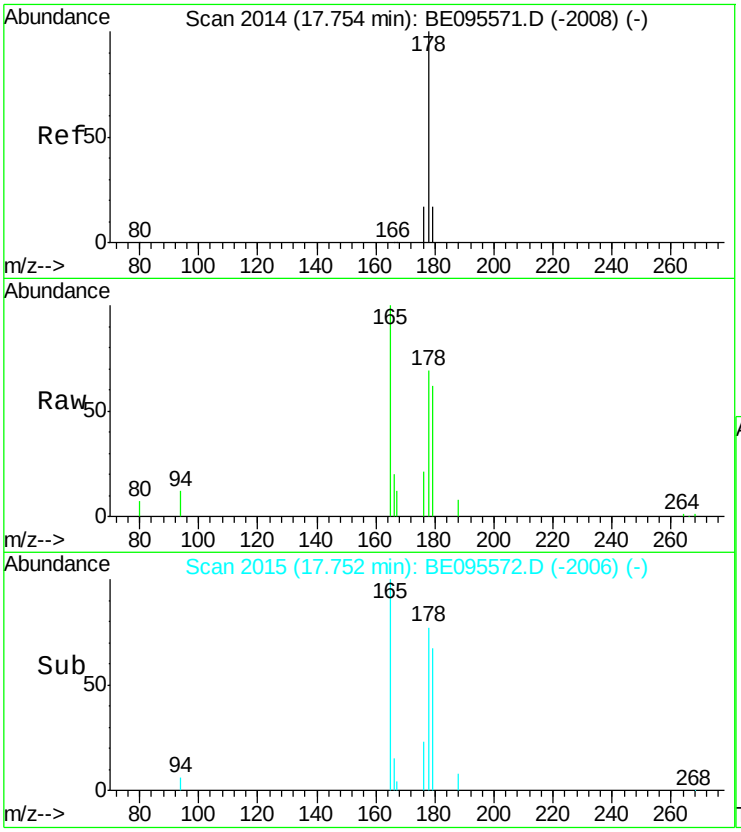


#11
Pentachlorophenol
Concen: 2.303 ng/ul
RT: 17.36 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Tgt Ion:266 Resp: 3762

Ion	Ratio	Lower	Upper
266	100		
264	62.9	47.9	71.9
268	60.0	49.8	74.8

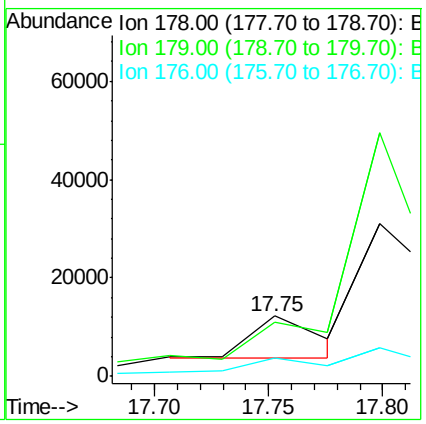




#12
Phenanthrene
Concen: 0.598 ng/ul m
RT: 17.75 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Tgt Ion:178 Resp: 16974

Ion	Ratio	Lower	Upper
178	100		
179	90.3	18.4	27.6#
176	29.7	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
F6C83

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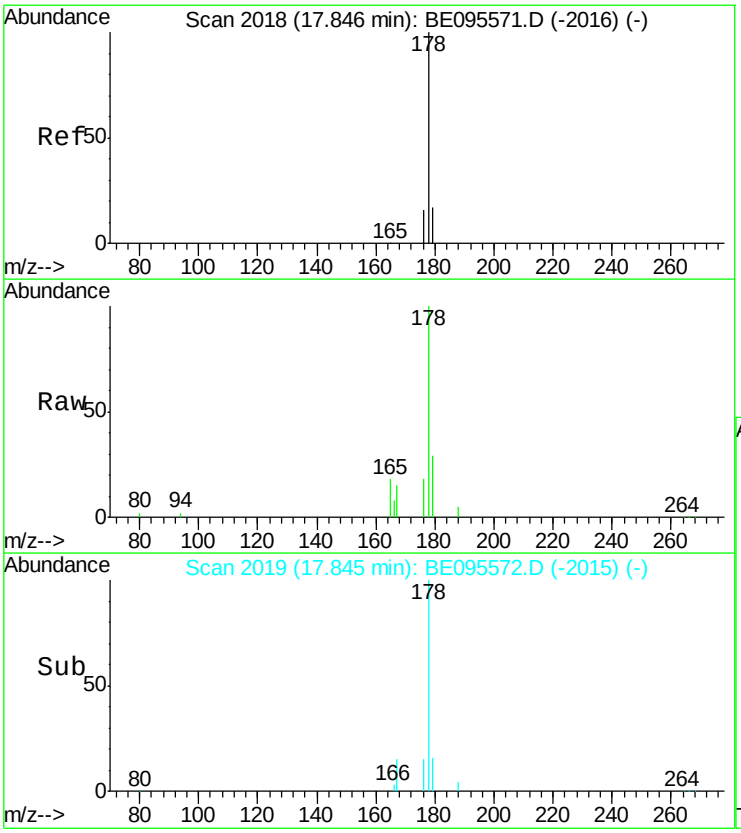
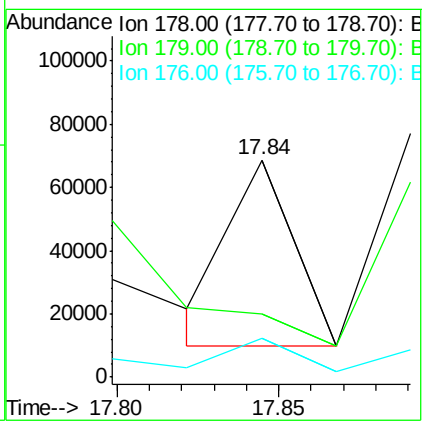
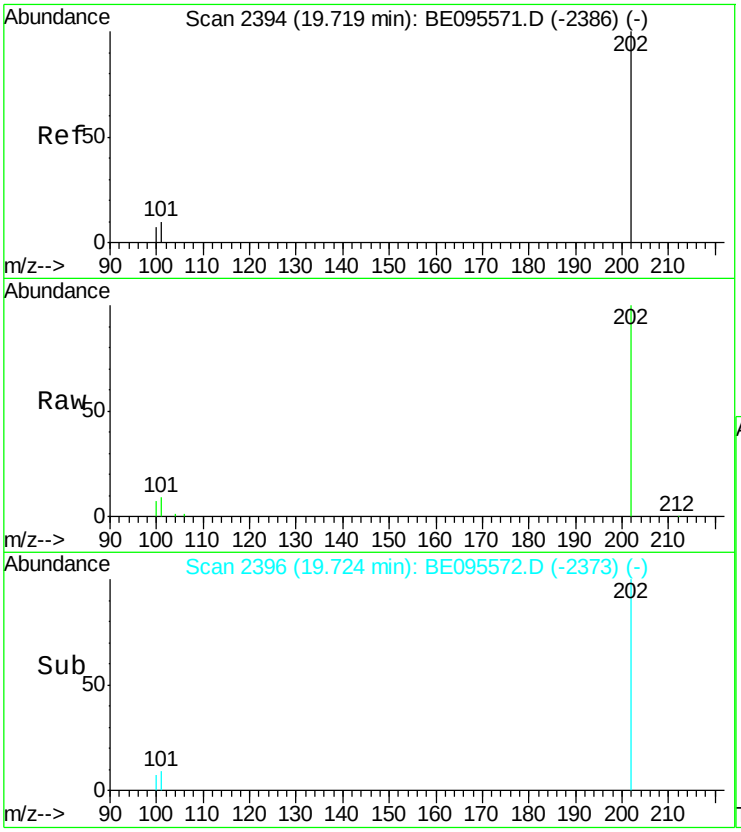


#13
Anthracene
Concen: 3.135 ng/ul
RT: 17.84 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Tgt Ion:178 Resp: 81393

Ion	Ratio	Lower	Upper
178	100		
179	28.9	18.1	27.1#
176	17.8	14.7	22.1

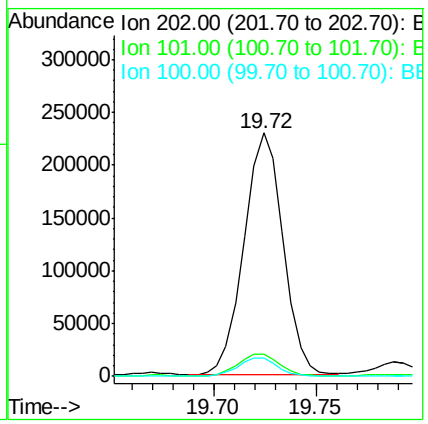




#15
Fluoranthene
Concen: 8.231 ng/ul
RT: 19.72 min Scan# 2396
Delta R.T. 0.01 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Tgt Ion:202 Resp: 302349

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.3
100	7.4	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
F6C83

Manual Integrations APPROVED
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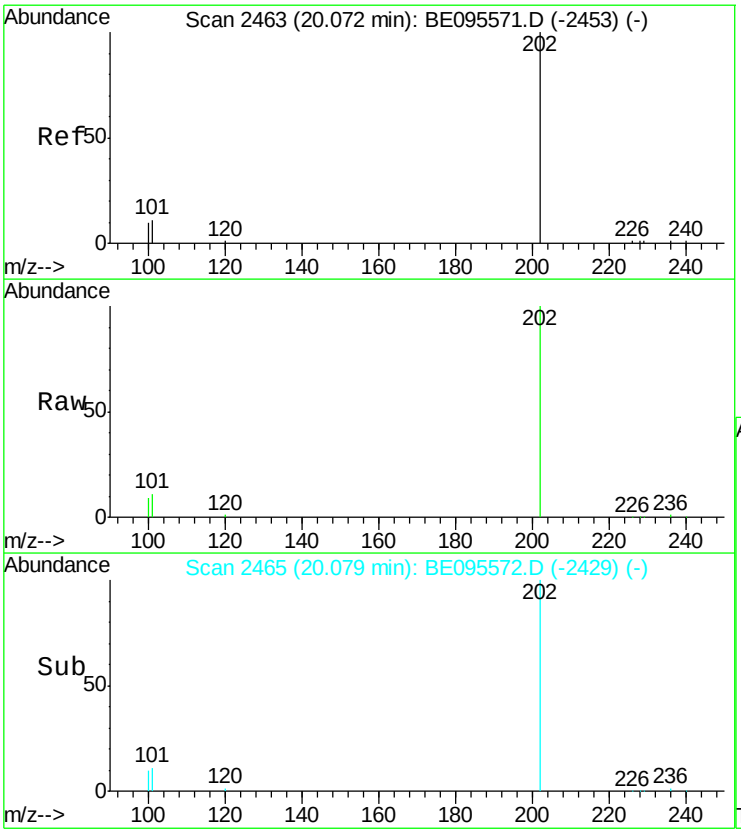
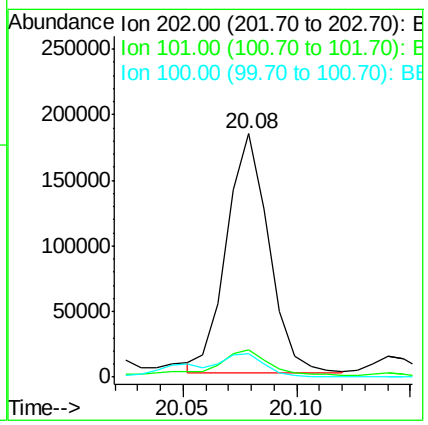
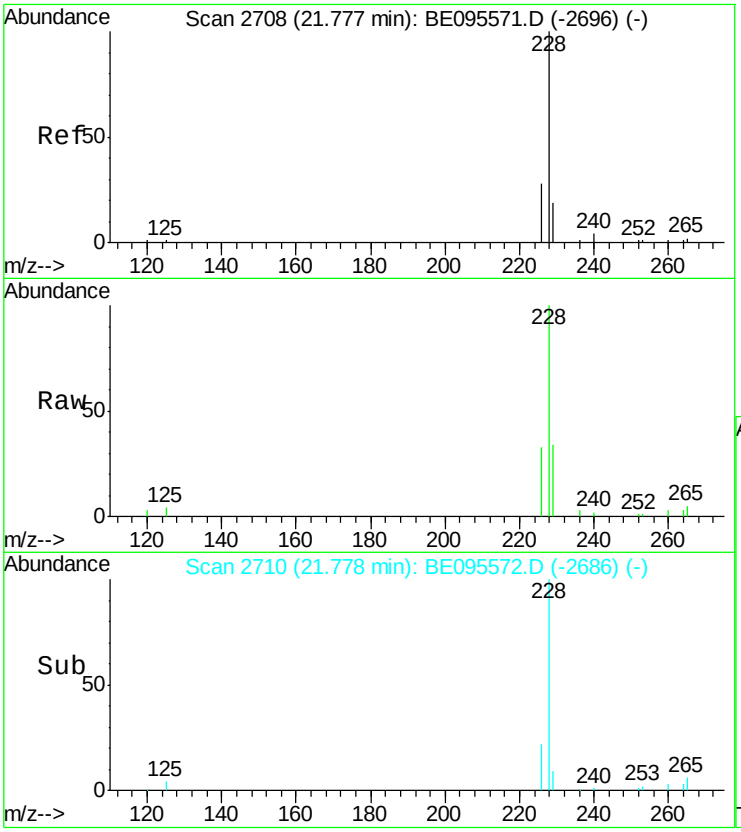


#17
Pyrene
Concen: 10.422 ng/ul m
RT: 20.08 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Tgt Ion:202 Resp: 238334

Ion	Ratio	Lower	Upper
202	100		
101	11.4	18.2	27.4#
100	9.4	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 2.125 ng/ul
RT: 21.78 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Instrument :
BNA_E
ClientSampleId :
F6C83

Manual Integrations APPROVED
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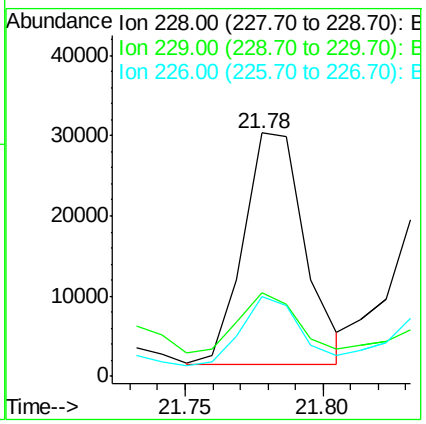
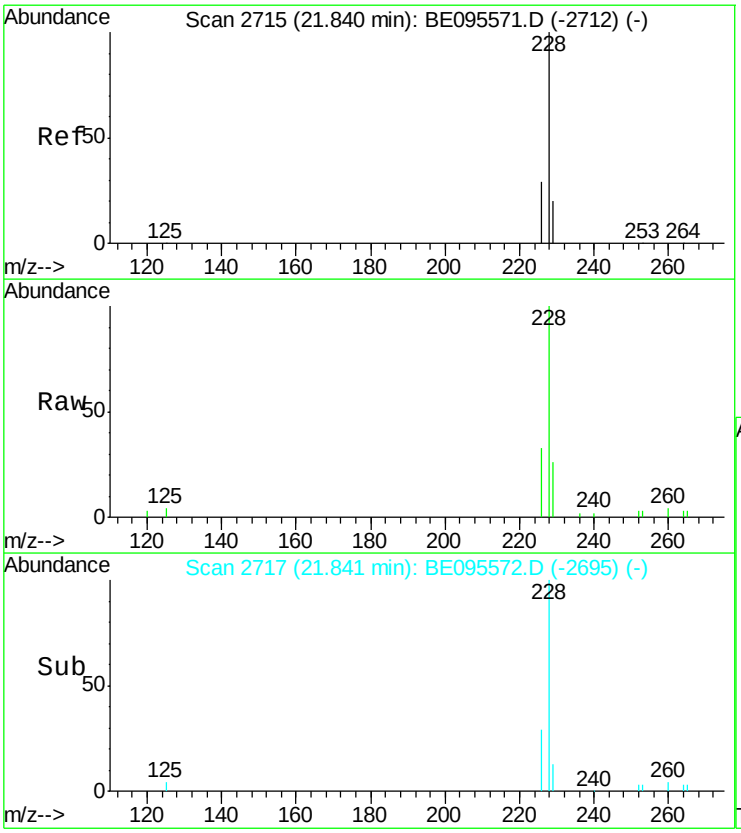
Tgt Ion:228 Resp: 45278

Ion	Ratio	Lower	Upper
228	100		
229	34.3	22.8	34.2#
226	32.8	17.0	25.6#

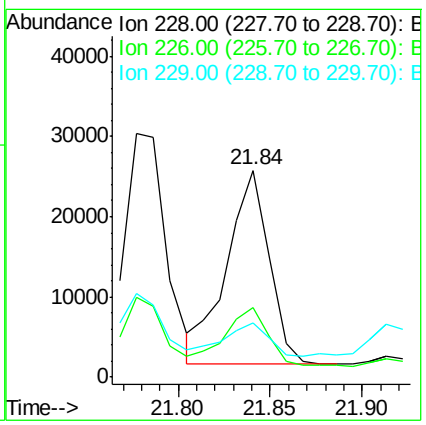


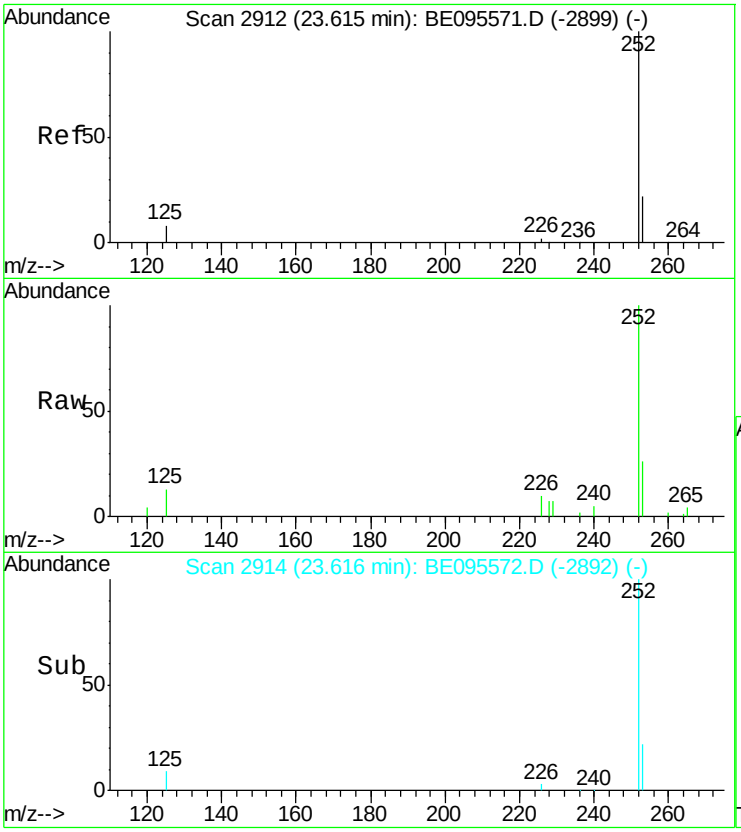


#19
Chrysene
Concen: 1.751 ng/ul
RT: 21.84 min Scan# 2717
Delta R.T. 0.00 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Tgt Ion:228 Resp: 38740

Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.4	35.0
229	26.5	17.7	26.5

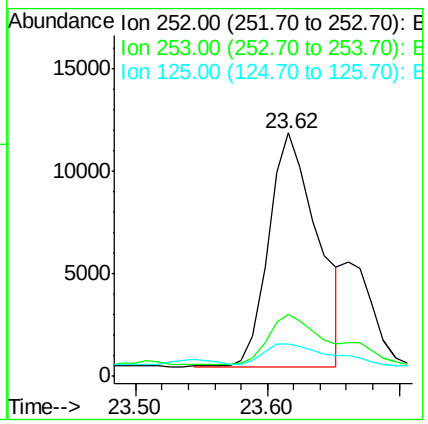




#21
Benzo(b)fluoranthene
Concen: 1.335 ng/ul m
RT: 23.62 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Tgt Ion:252 Resp: 29699

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	64.2
125	13.4	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
F6C83

Manual Integrations APPROVED
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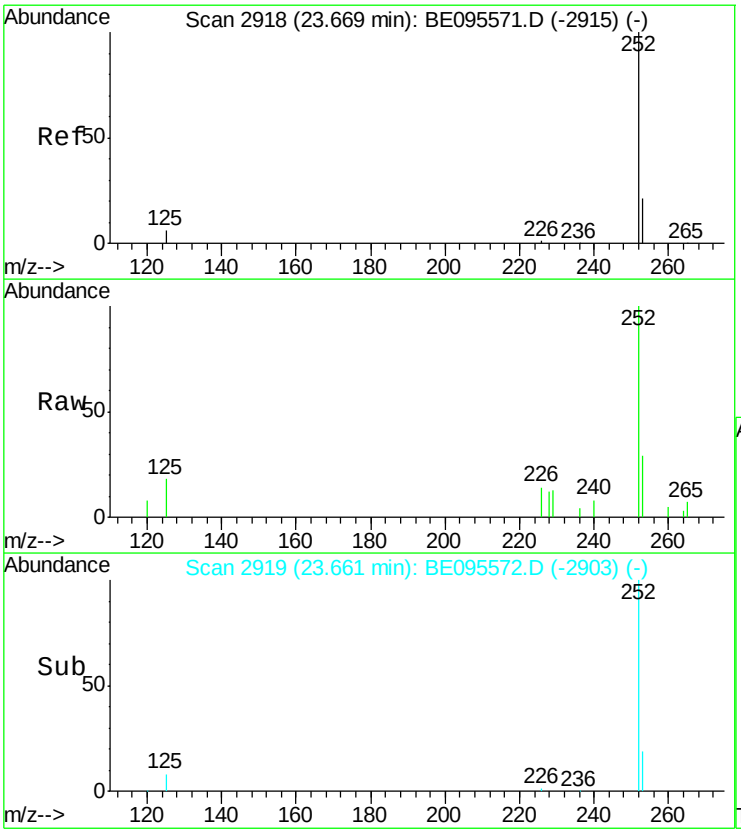
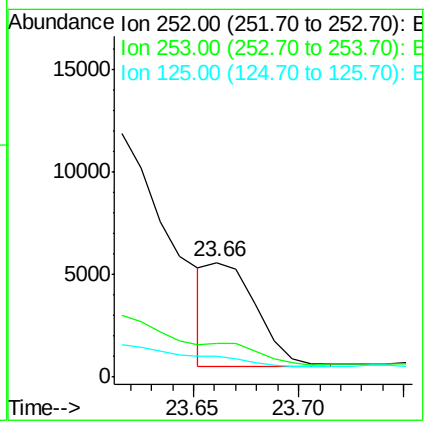
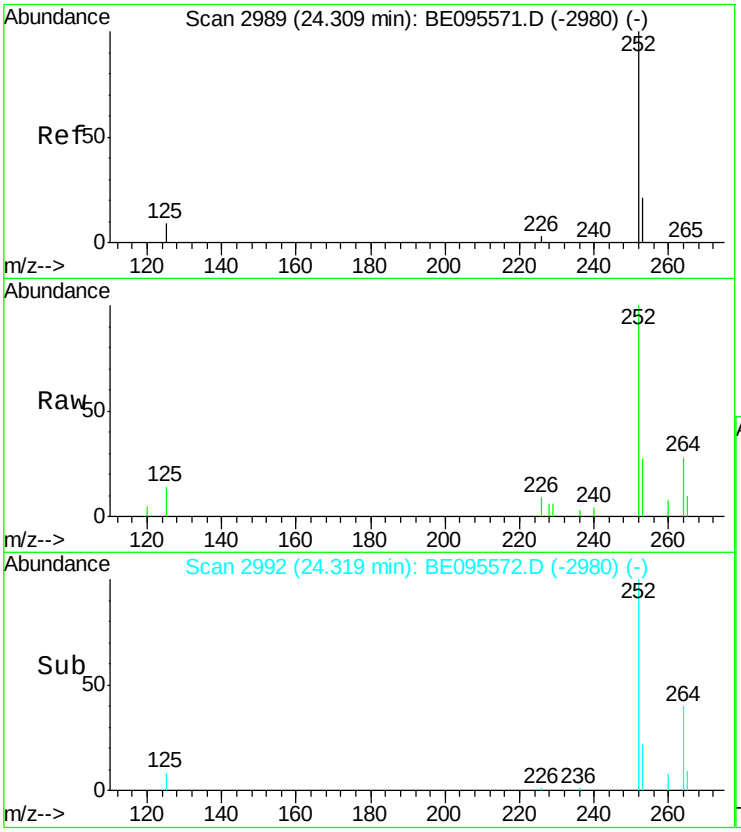


#22
Benzo(k)fluoranthene
Concen: 0.399 ng/ul m
RT: 23.66 min Scan# 2919
Delta R.T. -0.01 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Tgt Ion:252 Resp: 8120

Ion	Ratio	Lower	Upper
252	100		
253	29.4	24.5	36.7
125	18.1	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.813 ng/ul m
RT: 24.32 min Scan# 2992
Delta R.T. 0.01 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Tgt Ion:252 Resp: 16142

Ion	Ratio	Lower	Upper
252	100		
253	27.1	28.5	42.7#
125	13.9	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
F6C83

Manual Integrations APPROVED
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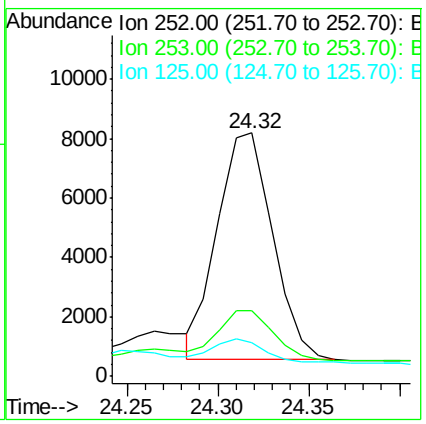
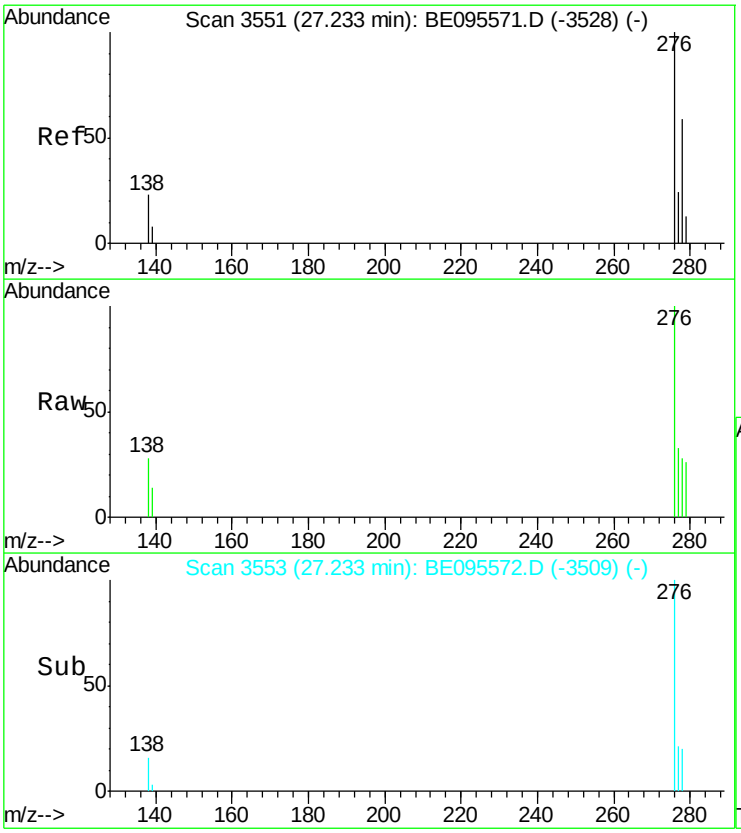
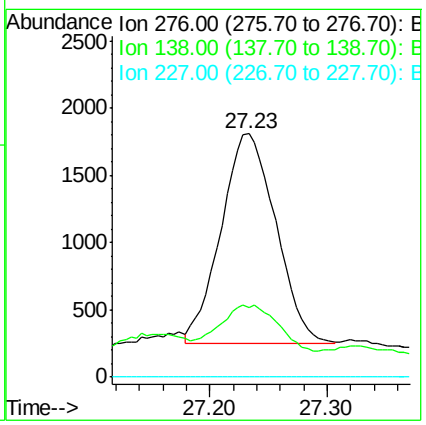


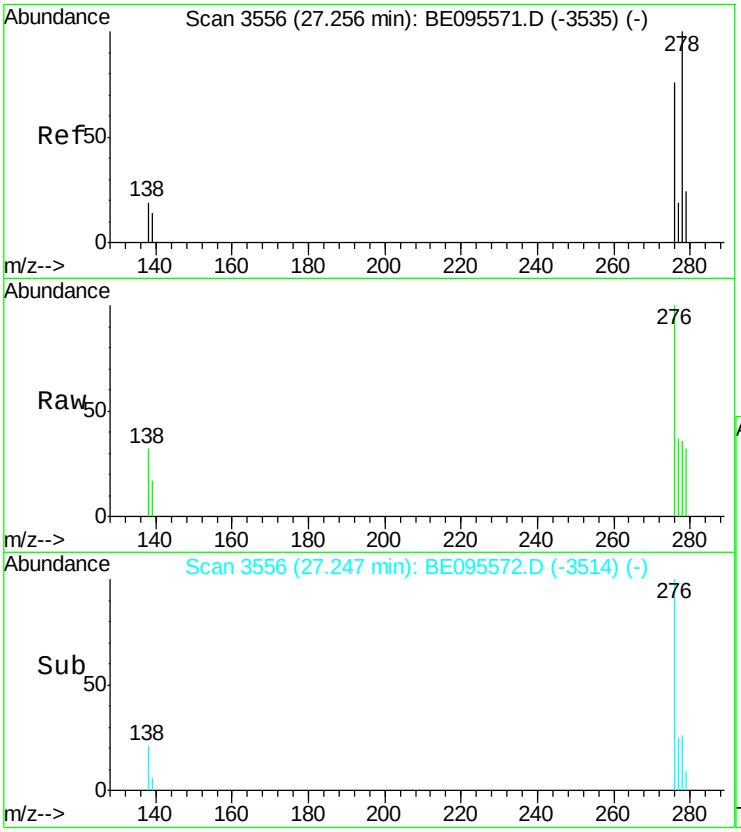


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.231 ng/ul m
RT: 27.23 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Tgt Ion:276 Resp: 5037

Ion	Ratio	Lower	Upper
276	100		
138	7.6	28.0	42.0#
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul m
RT: 27.25 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Tgt Ion:278 Resp: 1457

Ion	Ratio	Lower	Upper
278	100		
139	48.6	17.4	26.0#
279	91.0	25.9	38.9#

Instrument :
BNA_E
ClientSampleId :
F6C83

Manual Integrations APPROVED
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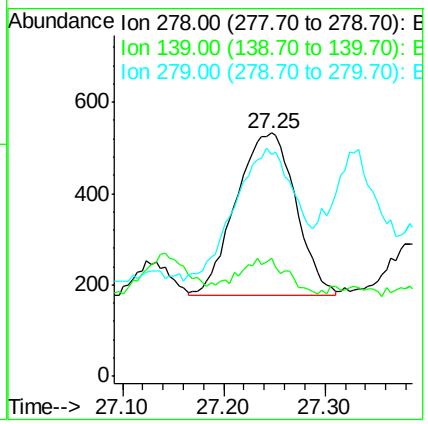
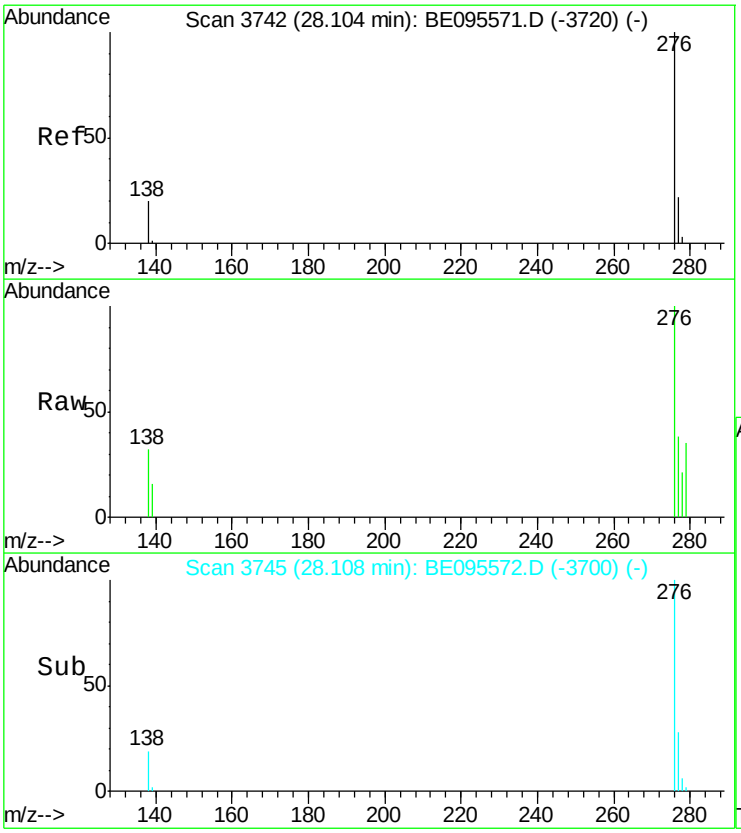
2/9/2018 4:30:50 PM





#26
Benzo(g,h,i)perylene
Concen: 0.219 ng/ul m
RT: 28.11 min Scan# 3745
Delta R.T. 0.00 min
Lab File: BE095572.D
Acq: 8 Feb 2018 16:55

Tgt Ion:276 Resp: 4048

Ion	Ratio	Lower	Upper
276	100		
138	31.6	21.8	32.8
277	38.4	20.5	30.7#