Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
Data File : BE095910.D
Acq On : 29 Mar 2018 11:59
Operator : SJ/JU
Sample : J2060-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AS4DL

Manual Integrations APPROVED
Sohil
3/29/2018 6:44:59 PM

Quant Time: Mar 29 17:35:50 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 29 16:32:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1694	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	4992	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3134	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	6856	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	6760	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	6816	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	613	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	1635	0.08	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.29	128	1218	0.087	ng/ul#	83
5) 2-Methylnaphthalene	12.87	142	215	0.022	ng/ul	97
8) Acenaphthene	15.06	153	965	0.081	ng/ul	92
9) Fluorene	16.03	166	889	0.069	ng/ul	93
12) Phenanthrene	17.75	178	14174	0.690	ng/ul#	88
13) Anthracene	17.84	178	3677	0.192	ng/ul#	92
15) Fluoranthene	19.71	202	21506	0.865	ng/ul	84
17) Pyrene	20.07	202	20891	0.814	ng/ul#	79
18) Benzo(a)anthracene	21.77	228	12420	0.569	ng/ul#	85
19) Chrysene	21.83	228	9156	0.412	ng/ul	94
21) Benzo(b)fluoranthene	23.61	252	12055m	0.511	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	3955m	0.176	ng/ul	
23) Benzo(a)pyrene	24.31	252	8416	0.390	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	27.23	276	5031	0.210	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.24	278	1367	0.072	ng/ul#	54
26) Benzo(g,h,i)perylene	28.11	276	4596	0.224	ng/ul#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
Data File : BE095910.D
Acq On : 29 Mar 2018 11:59
Operator : SJ/JU
Sample : J2060-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 29 17:35:50 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 29 16:32:29 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AS4DL

Manual Integrations APPROVED
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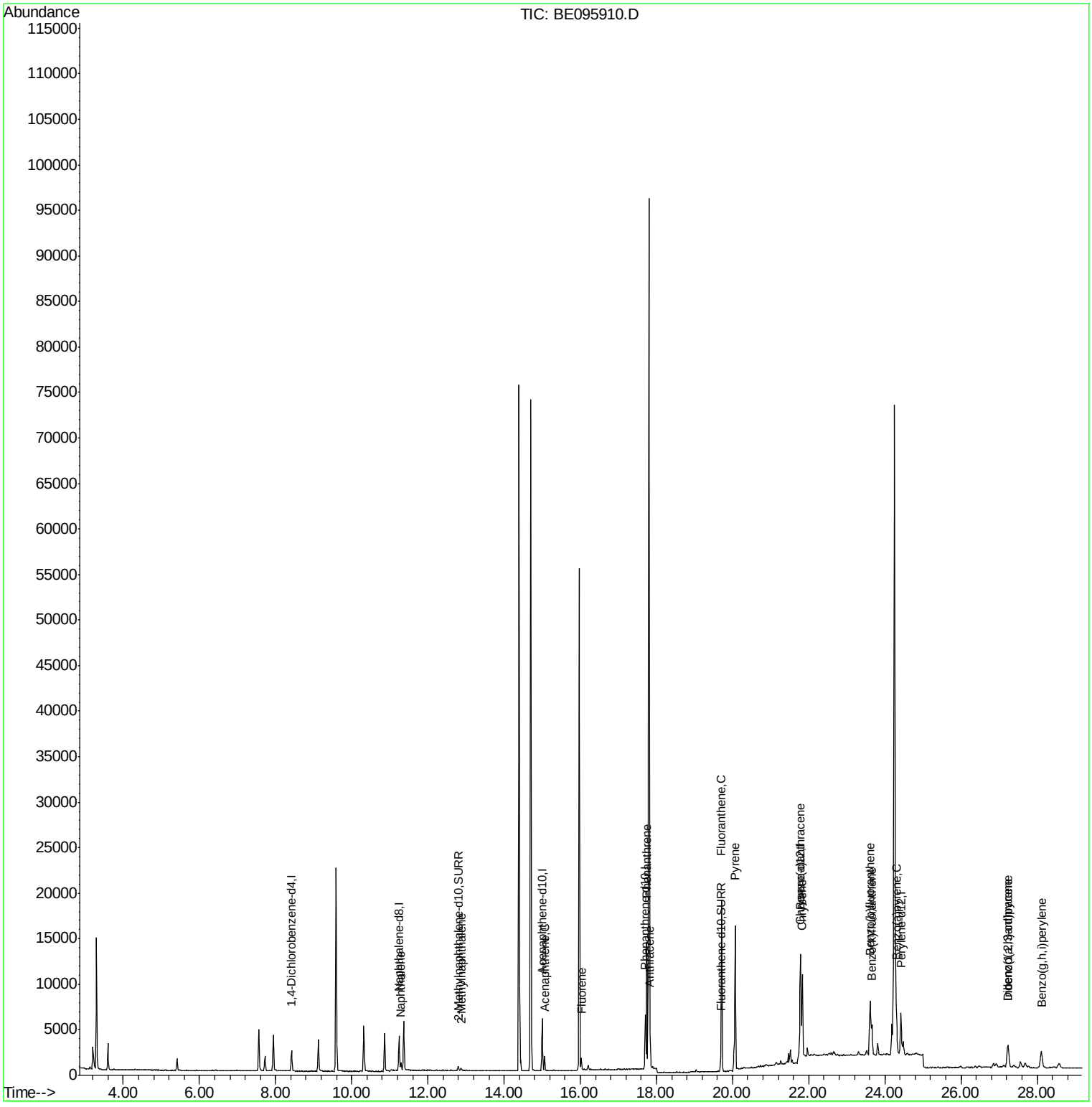

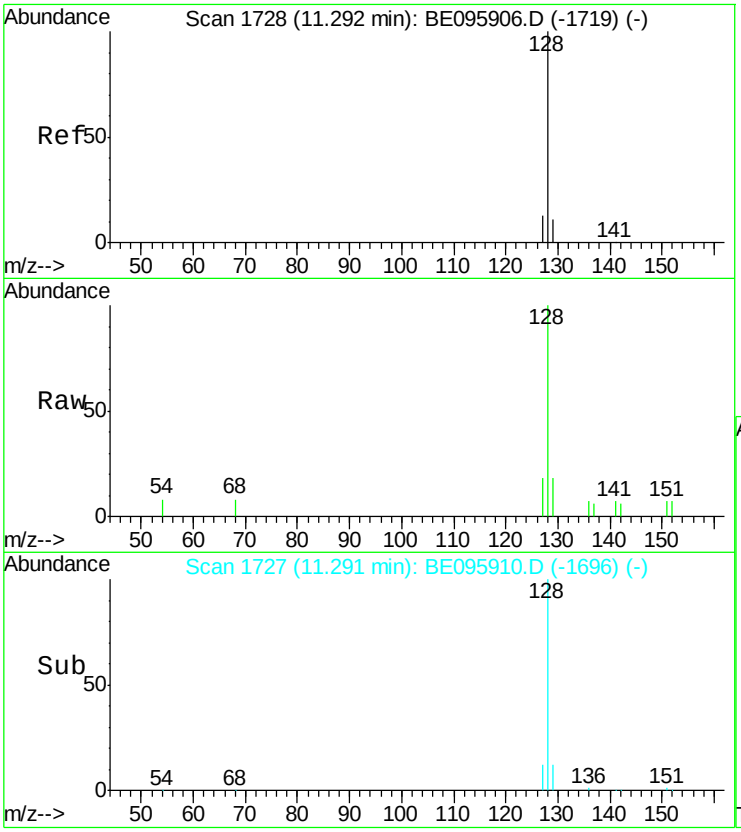

#3
Naphthalene
Concen: 0.087 ng/ul
RT: 11.29 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Tgt Ion:128 Resp: 1218

Ion	Ratio	Lower	Upper
128	100		
129	18.2	11.3	16.9#
127	17.7	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AS4DL

Manual Integrations APPROVED
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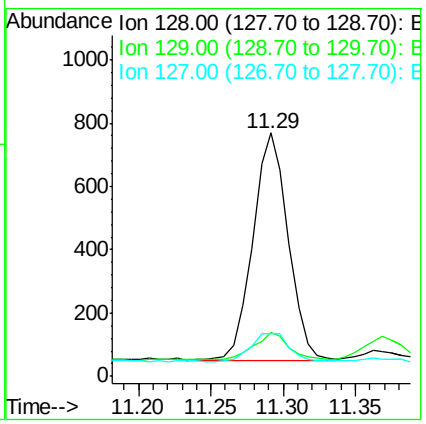
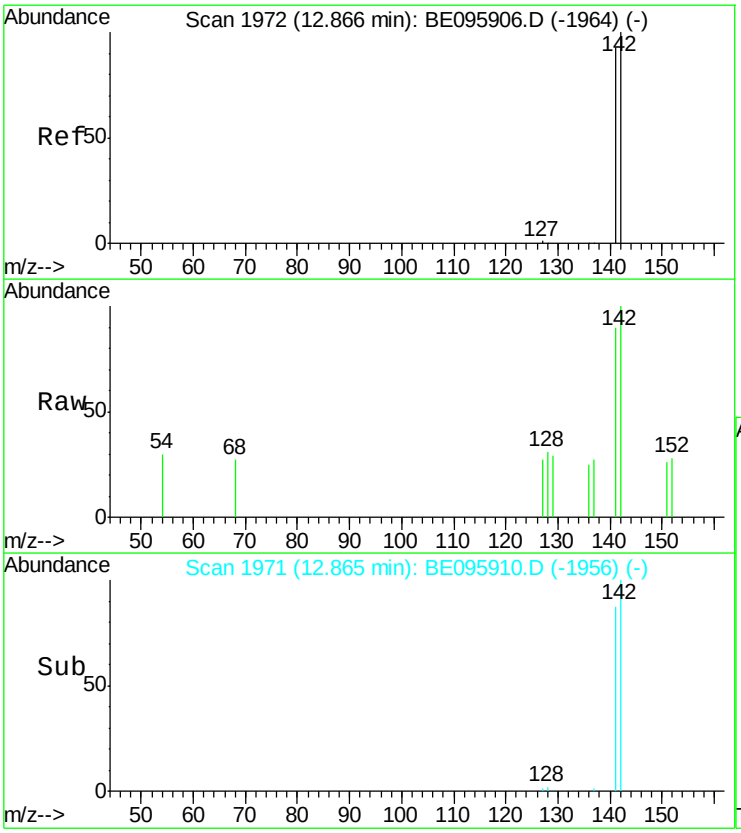
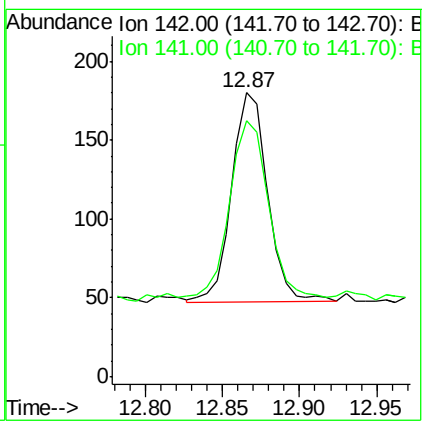


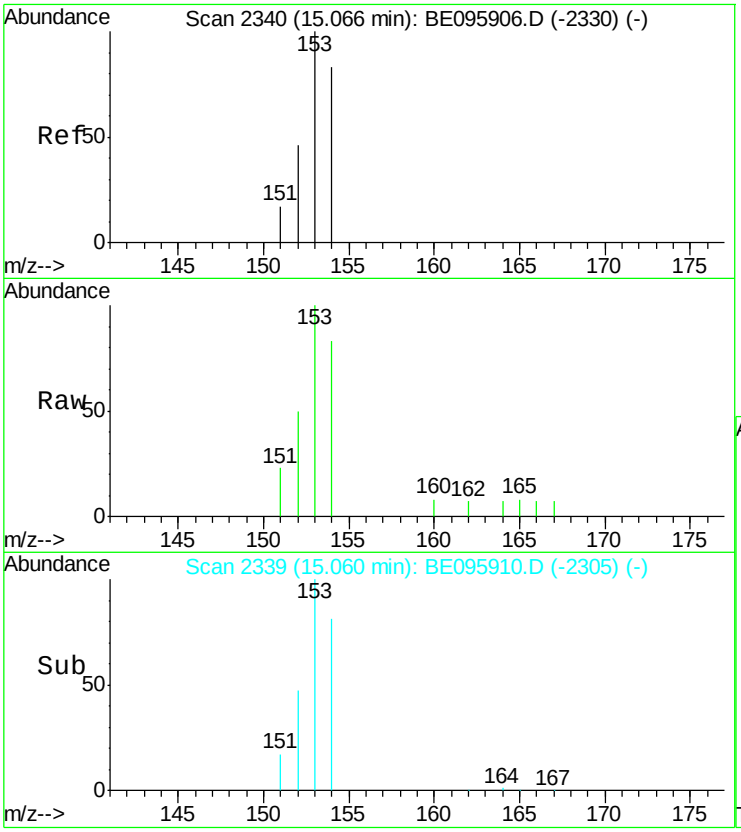


#5
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.87 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Tgt Ion:142 Resp: 215

Ion	Ratio	Lower	Upper
142	100		
141	93.5	72.6	108.8

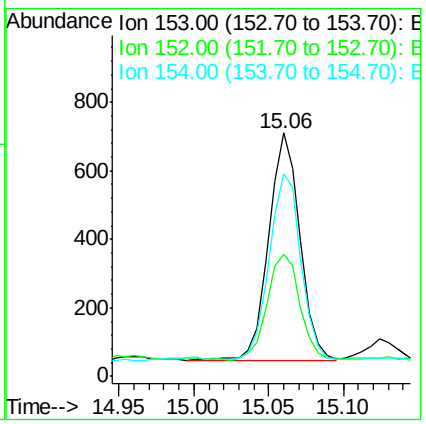




#8
Acenaphthene
Concen: 0.081 ng/ul
RT: 15.06 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Tgt Ion:153 Resp: 965

Ion	Ratio	Lower	Upper
153	100		
152	50.4	36.0	54.0
154	83.0	72.0	108.0



Instrument :
BNA_E
ClientSampleId :
C0AS4DL

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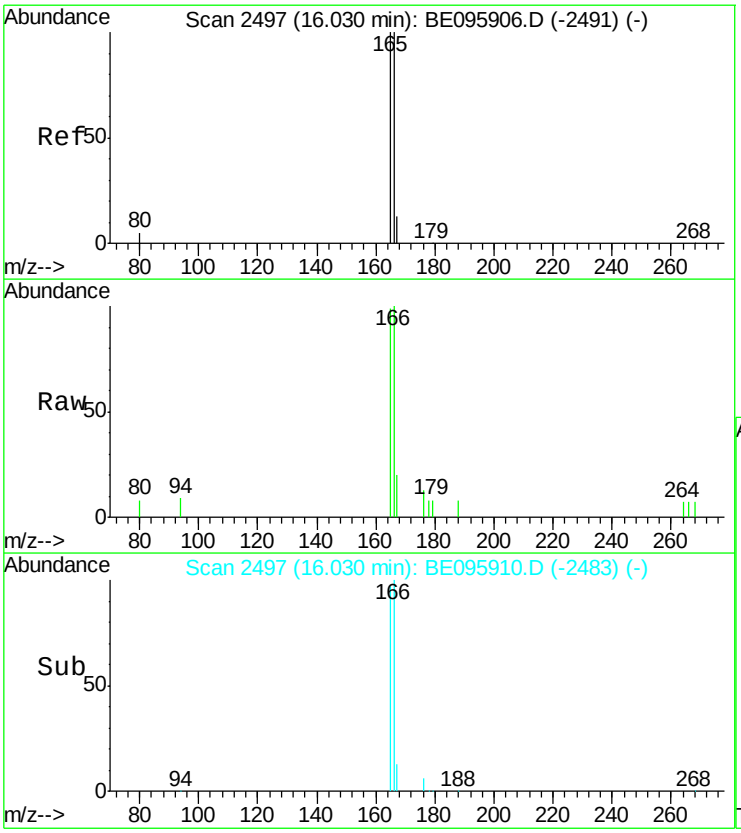
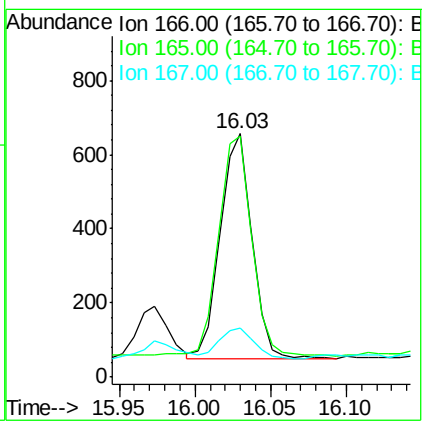
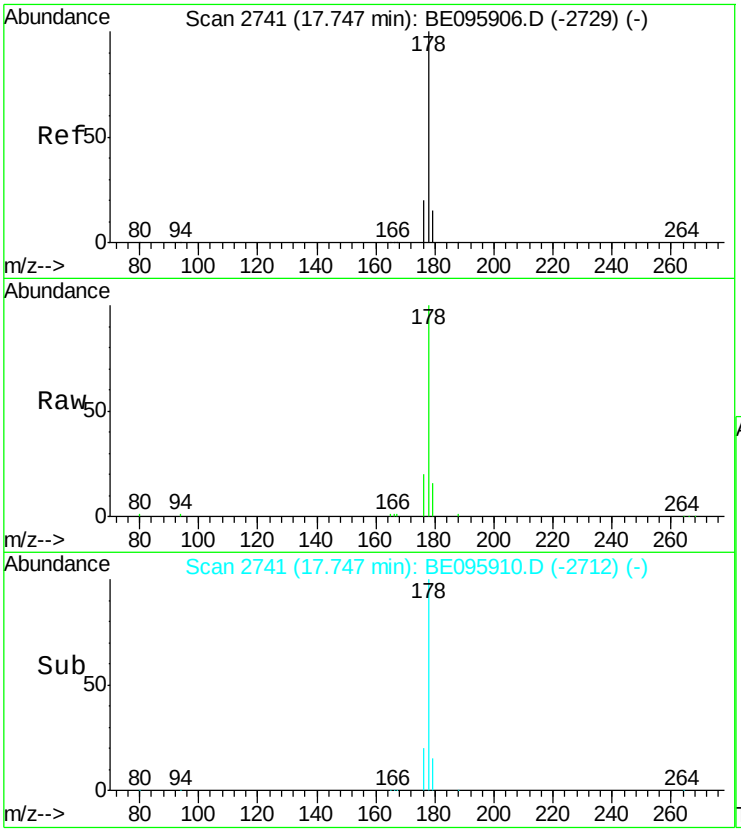


#9
Fluorene
Concen: 0.069 ng/ul
RT: 16.03 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Tgt Ion:166 Resp: 889

Ion	Ratio	Lower	Upper
166	100		
165	98.9	73.4	110.2
167	19.9	14.6	22.0

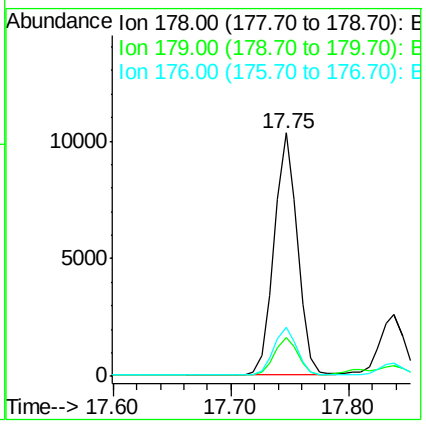




#12
Phenanthrene
Concen: 0.690 ng/ul
RT: 17.75 min Scan# 2741
Delta R.T. 0.00 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Tgt Ion:178 Resp: 14174

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	20.1	13.6	20.4



Instrument :
BNA_E
ClientSampleId :
C0AS4DL

Manual Integrations APPROVED
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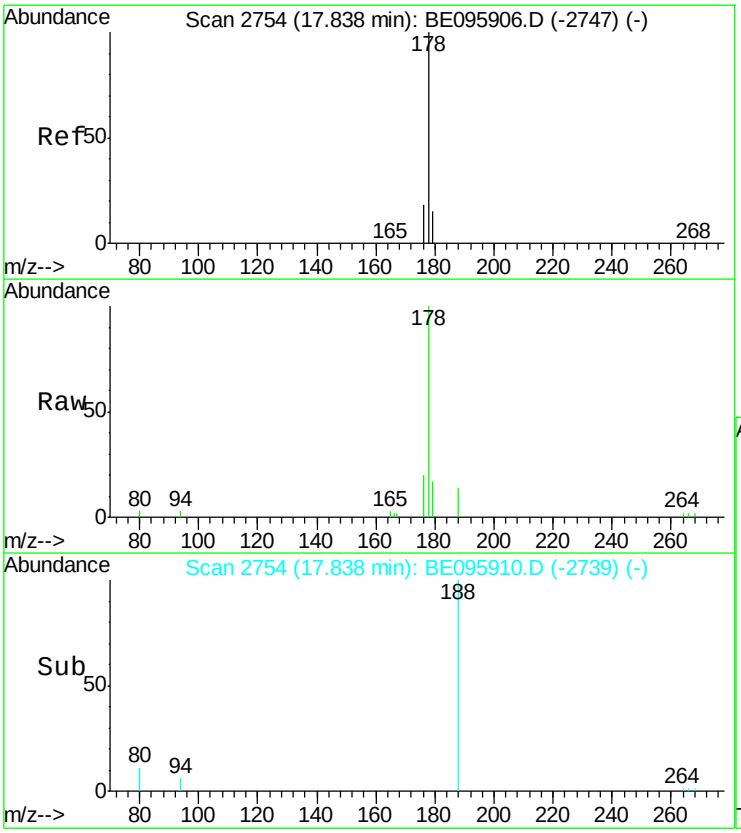
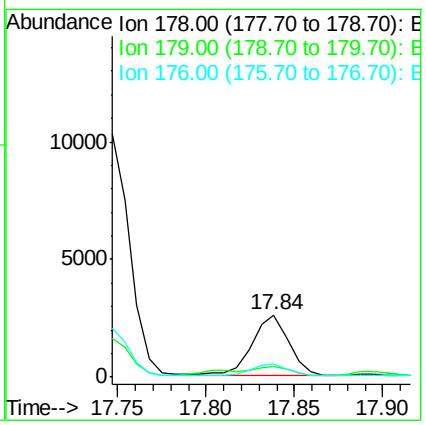
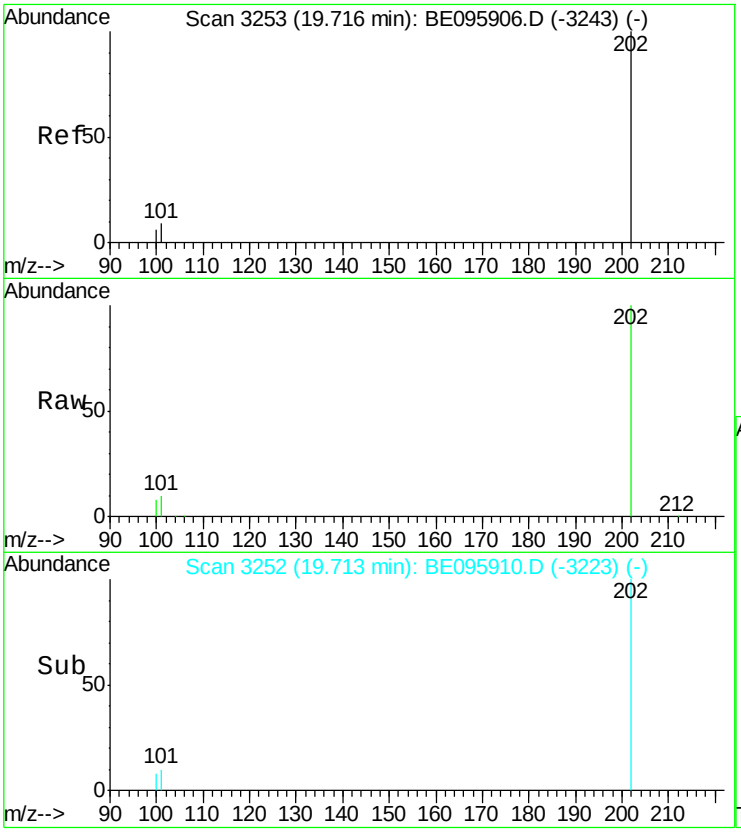


#13
Anthracene
Concen: 0.192 ng/ul
RT: 17.84 min Scan# 2754
Delta R.T. 0.01 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Tgt Ion:178 Resp: 3677

Ion	Ratio	Lower	Upper
178	100		
179	17.4	18.1	27.1#
176	20.5	14.7	22.1





#15
Fluoranthene
Concen: 0.865 ng/ul
RT: 19.71 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Tgt Ion:202 Resp: 21506

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.3
100	8.4	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
C0AS4DL

Manual Integrations APPROVED
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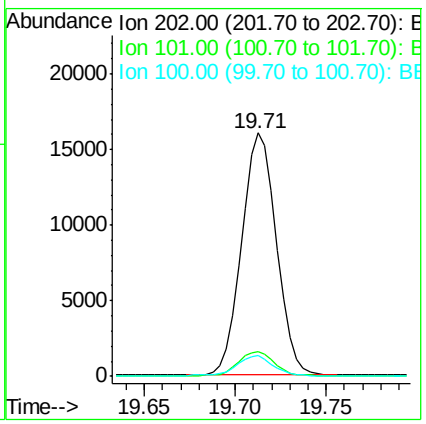
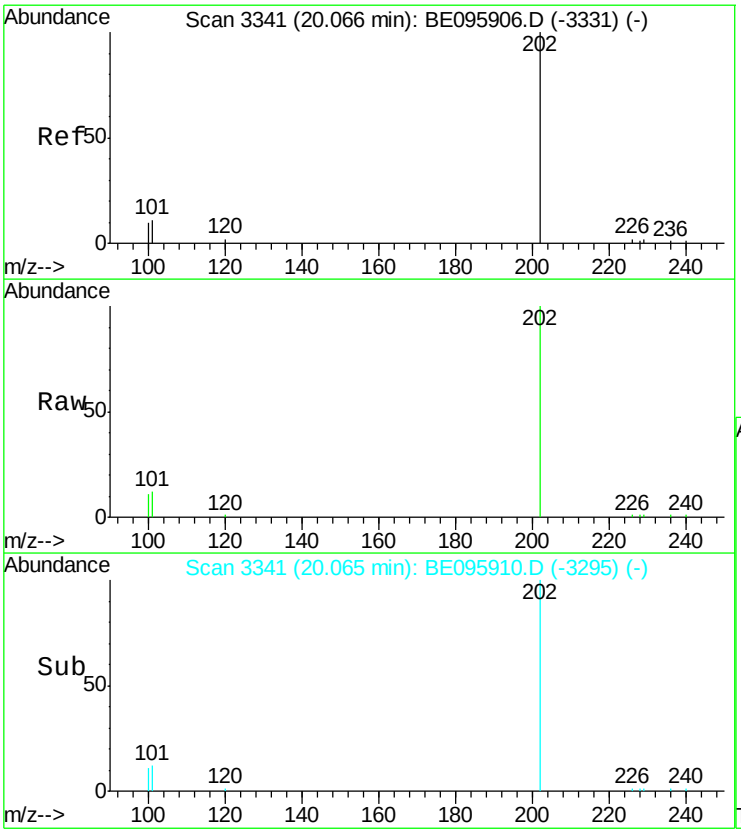
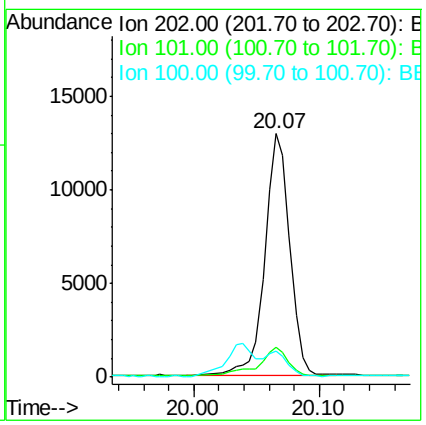


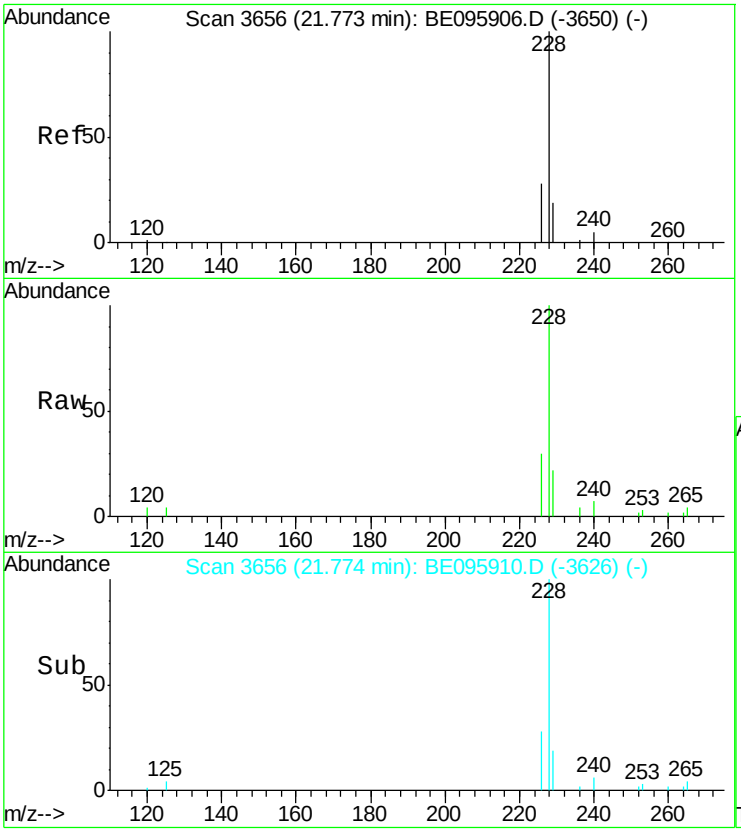


#17
Pyrene
Concen: 0.814 ng/ul
RT: 20.07 min Scan# 3341
Delta R.T. 0.00 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Tgt Ion:202 Resp: 20891

Ion	Ratio	Lower	Upper
202	100		
101	12.2	18.2	27.4#
100	10.9	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.569 ng/ul
RT: 21.77 min Scan# 3656
Delta R.T. 0.00 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Tgt Ion:228 Resp: 12420

Ion	Ratio	Lower	Upper
228	100		
229	21.9	22.8	34.2#
226	30.0	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
C0AS4DL

Manual Integrations APPROVED
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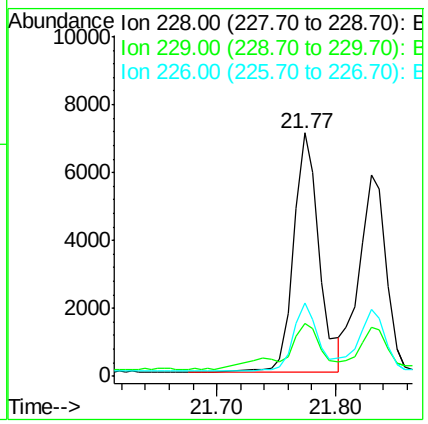
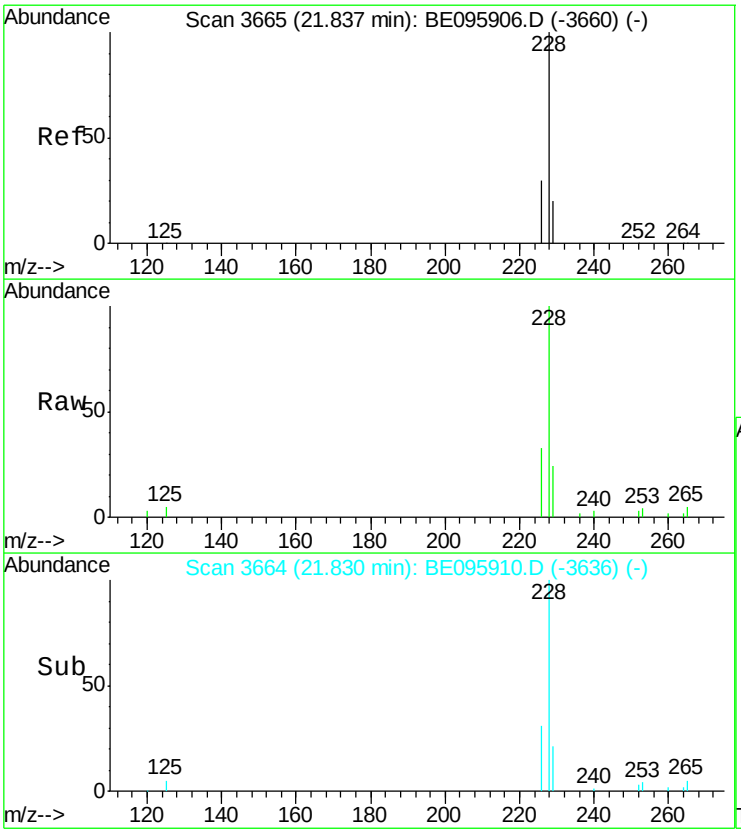
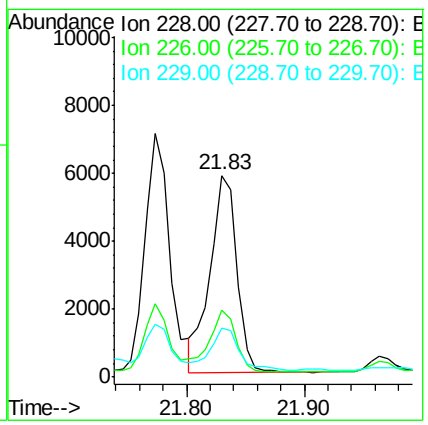


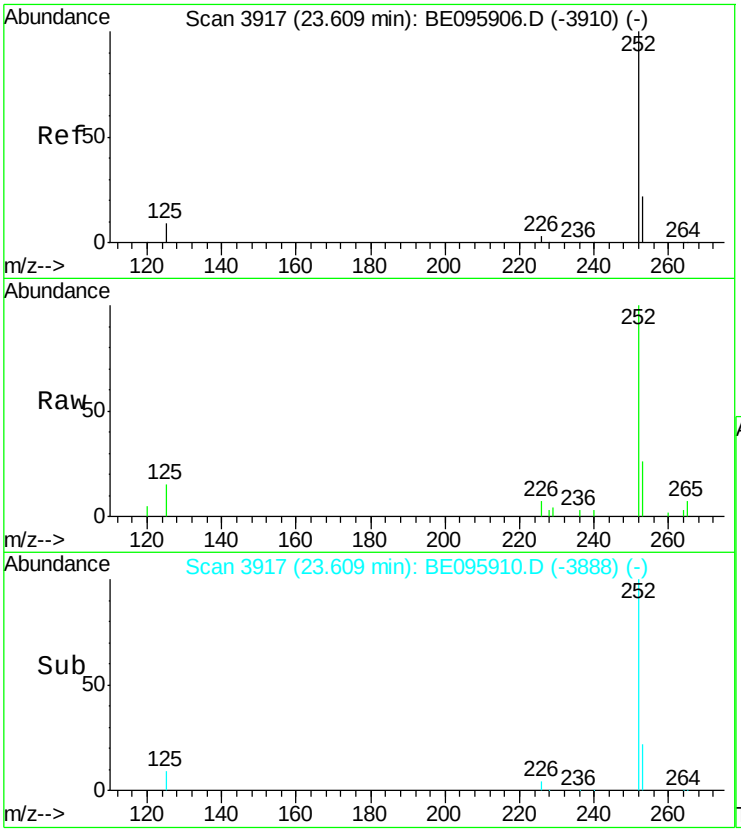


#19
Chrysene
Concen: 0.412 ng/ul
RT: 21.83 min Scan# 3664
Delta R.T. 0.00 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Tgt Ion:228 Resp: 9156

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.4	35.0
229	24.0	17.7	26.5

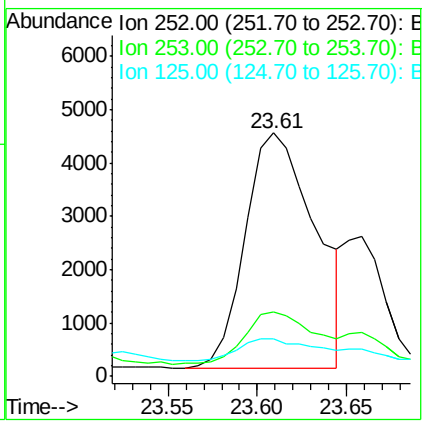




#21
Benzo(b)fluoranthene
Concen: 0.511 ng/ul m
RT: 23.61 min Scan# 3917
Delta R.T. 0.01 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Tgt Ion:252 Resp: 12055

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	64.2
125	15.4	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
C0AS4DL

Manual Integrations APPROVED
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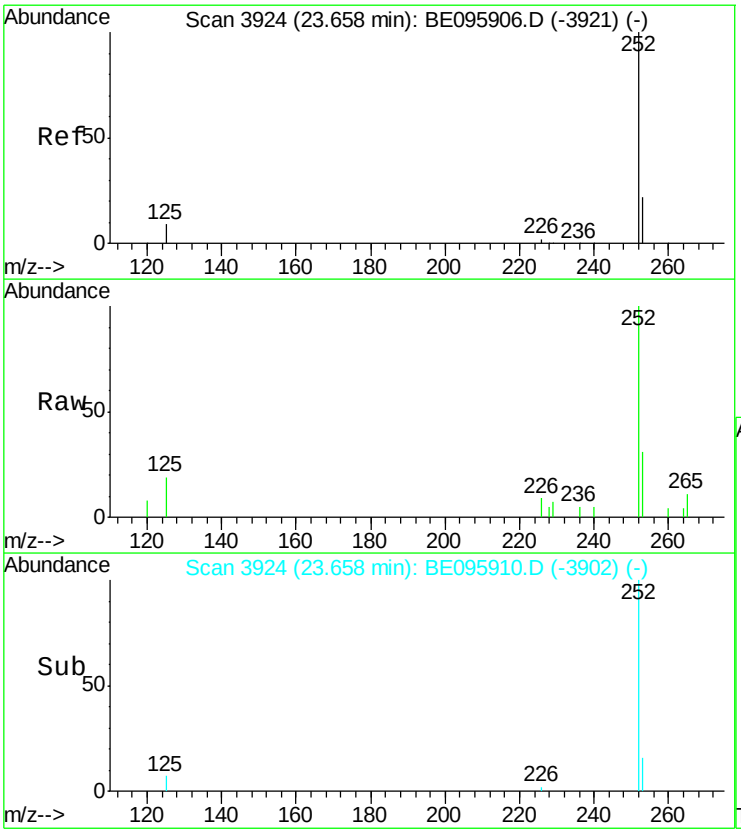
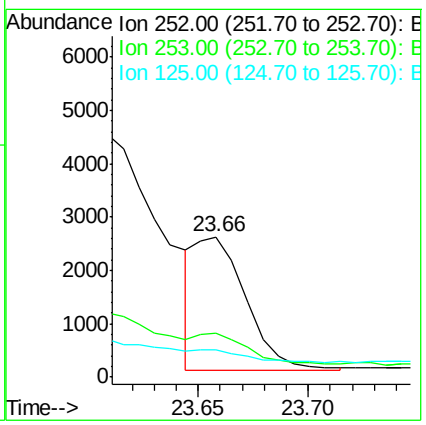
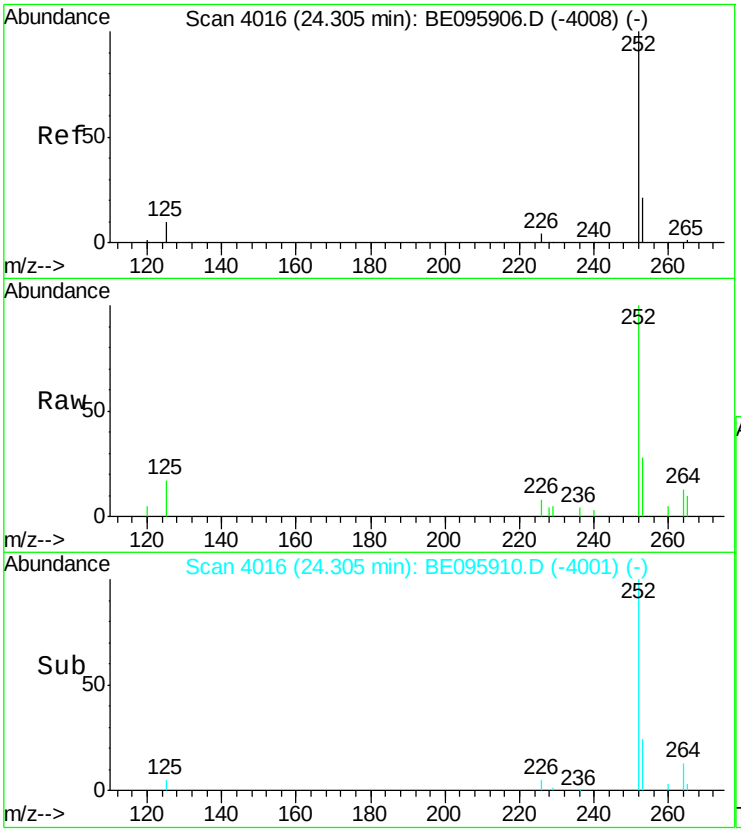


#22
Benzo(k)fluoranthene
Concen: 0.176 ng/ul m
RT: 23.66 min Scan# 3924
Delta R.T. 0.01 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Tgt Ion:252 Resp: 3955

Ion	Ratio	Lower	Upper
252	100		
253	31.2	24.5	36.7
125	19.1	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 24.31 min Scan# 4016
Delta R.T. 0.01 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Tgt Ion:252 Resp: 8416

Ion	Ratio	Lower	Upper
252	100		
253	28.2	28.5	42.7#
125	17.1	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
C0AS4DL

Manual Integrations APPROVED
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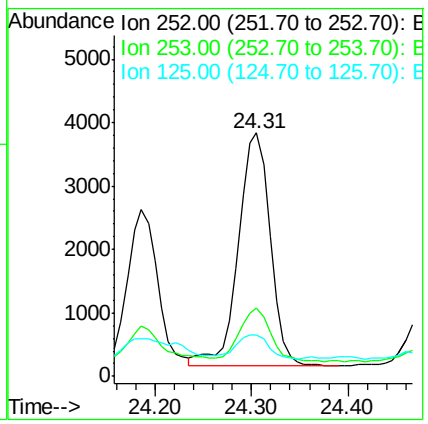
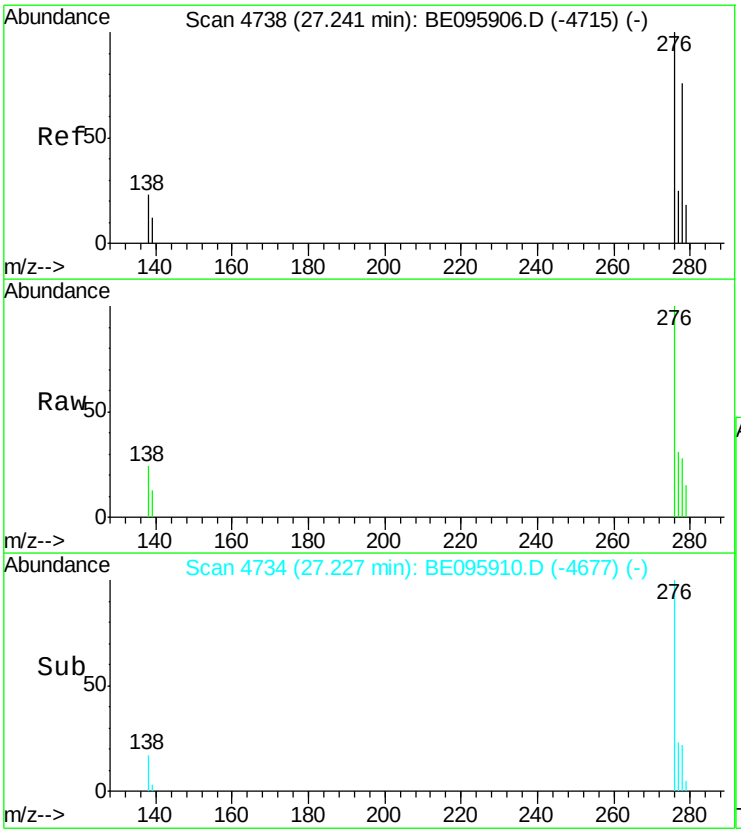
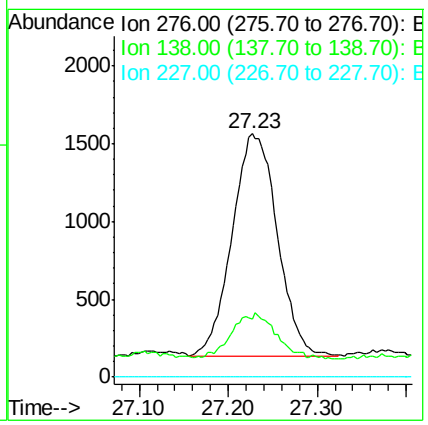


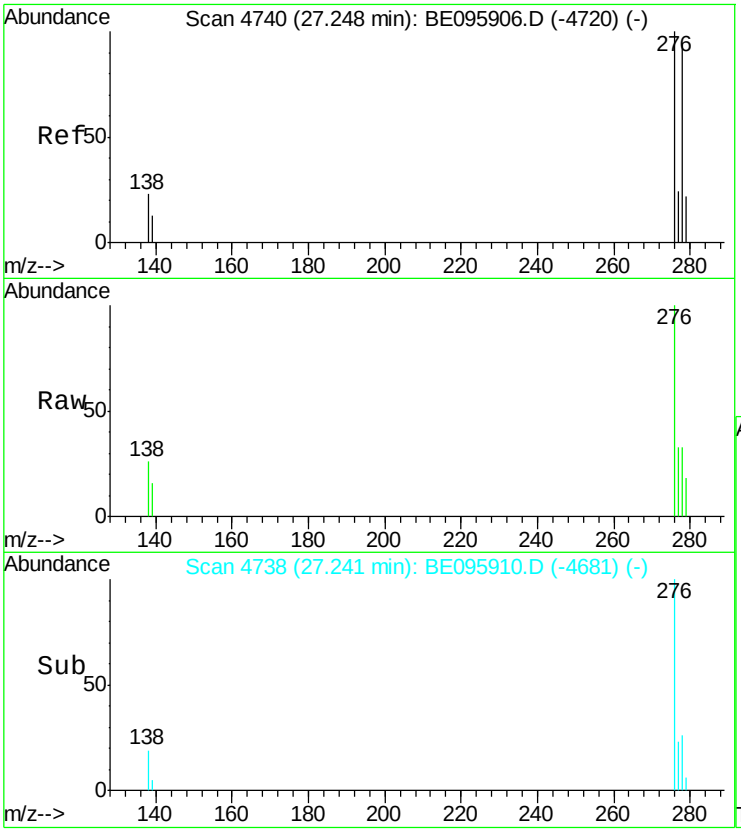


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.210 ng/ul
RT: 27.23 min Scan# 4734
Delta R.T. 0.00 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Tgt Ion:276 Resp: 5031

Ion	Ratio	Lower	Upper
276	100		
138	19.1	28.0	42.0#
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.072 ng/ul
RT: 27.24 min Scan# 4738
Delta R.T. 0.00 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Instrument :
BNA_E
ClientSampleId :
C0AS4DL

Manual Integrations APPROVED
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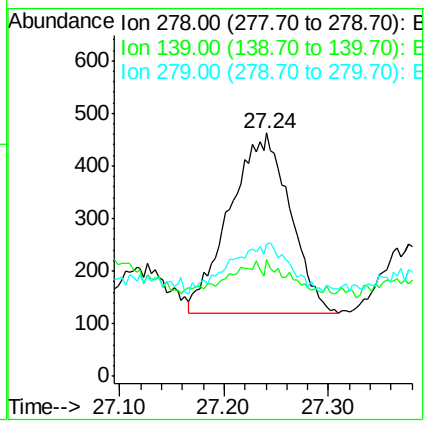
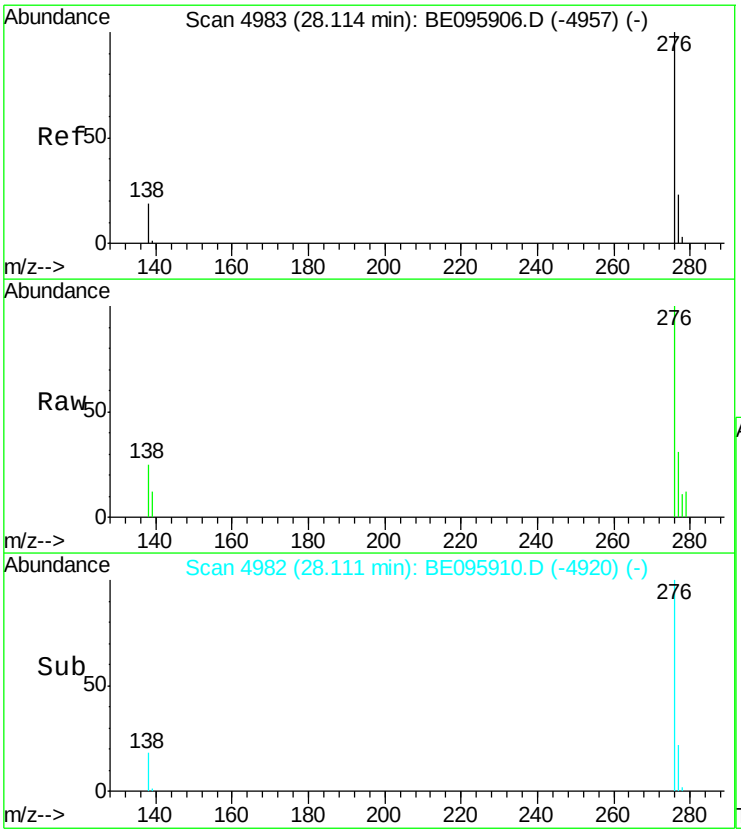
Tgt Ion:278 Resp: 1367

Ion	Ratio	Lower	Upper
278	100		
139	47.9	17.4	26.0#
279	54.2	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.224 ng/ul
RT: 28.11 min Scan# 4982
Delta R.T. 0.02 min
Lab File: BE095910.D
Acq: 29 Mar 2018 11:59

Tgt Ion:276 Resp: 4596

Ion	Ratio	Lower	Upper
276	100		
138	24.8	21.8	32.8
277	31.1	20.5	30.7#