Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
Data File : BE095915.D
Acq On : 29 Mar 2018 14:58
Operator : SJ/JU
Sample : J2060-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AS3DL

Manual Integrations APPROVED
Sohil
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Quant Time: Mar 29 17:59:24 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	1775	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	5225	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3229	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	7177	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	7141	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	7241	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	560	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	1432	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.29	128	540	0.037	ng/ul#	71
8) Acenaphthene	15.06	153	1039	0.085	ng/ul	91
9) Fluorene	16.03	166	706	0.053	ng/ul#	93
12) Phenanthrene	17.75	178	20975	0.976	ng/ul#	89
13) Anthracene	17.84	178	5346	0.266	ng/ul#	92
15) Fluoranthene	19.71	202	64244	2.467	ng/ul	84
17) Pyrene	20.07	202	63279	2.334	ng/ul#	78
18) Benzo(a)anthracene	21.77	228	49922	2.167	ng/ul#	85
19) Chrysene	21.83	228	36126	1.540	ng/ul	97
21) Benzo(b)fluoranthene	23.61	252	46487m	1.853	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	15361m	0.644	ng/ul	
23) Benzo(a)pyrene	24.30	252	25957	1.134	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	27.23	276	14103	0.555	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.23	278	4290	0.211	ng/ul#	92
26) Benzo(g,h,i)perylene	28.11	276	12298	0.564	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
Data File : BE095915.D
Acq On : 29 Mar 2018 14:58
Operator : SJ/JU
Sample : J2060-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 29 17:59:24 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 :
C0AS3DL

Manual Integrations APPROVED
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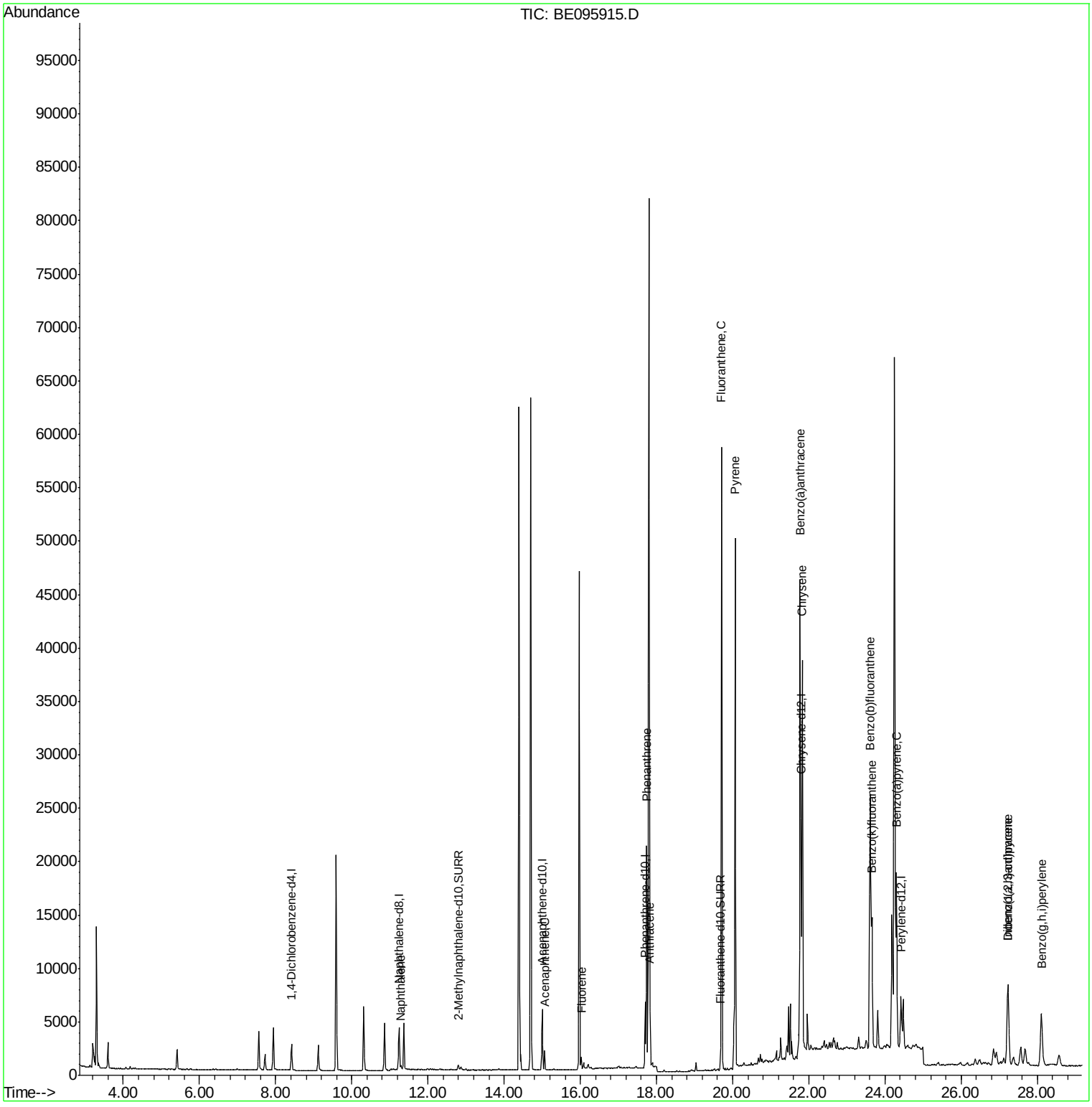

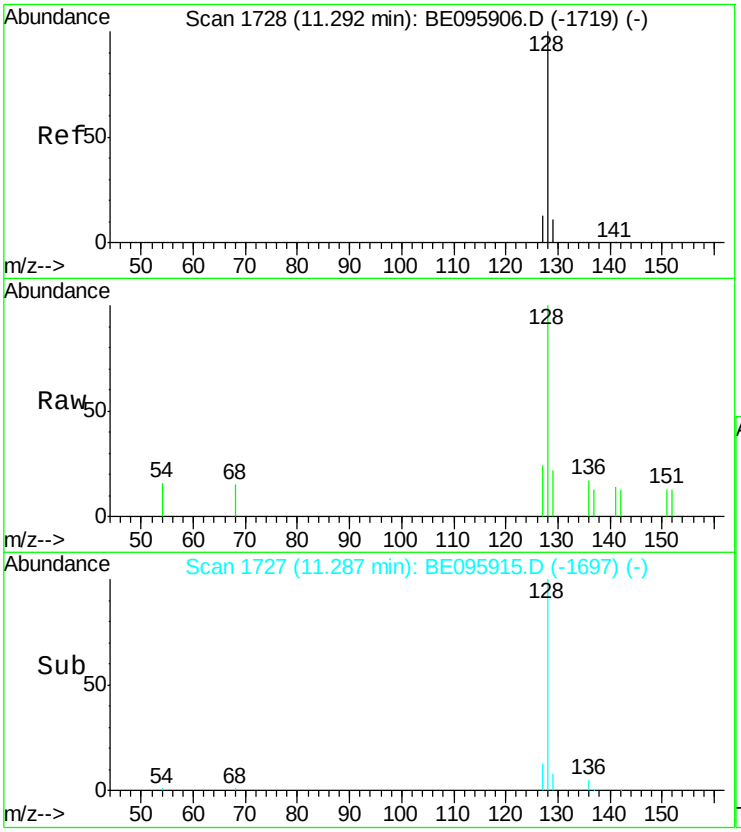

#3
Naphthalene
Concen: 0.037 ng/ul
RT: 11.29 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BE095915.D
Acq: 29 Mar 2018 14:58

Tgt Ion:128 Resp: 540

Ion	Ratio	Lower	Upper
128	100		
129	22.0	11.3	16.9#
127	24.2	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AS3DL

Manual Integrations APPROVED
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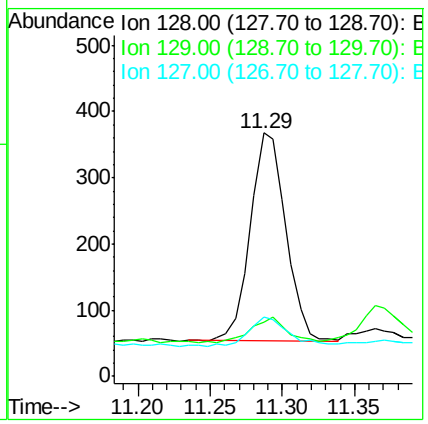
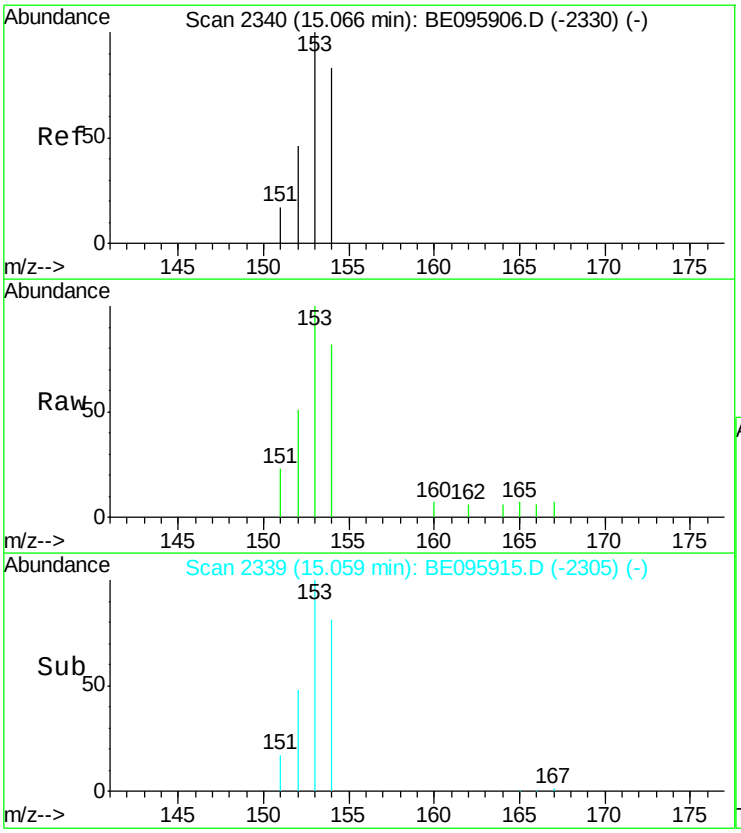
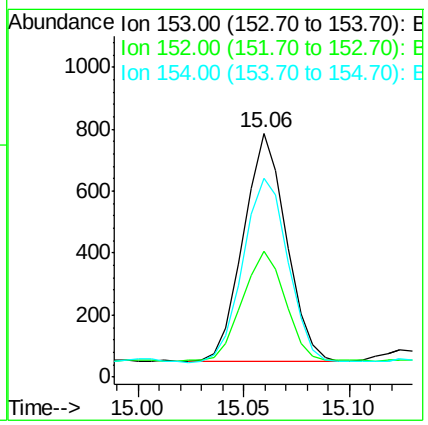


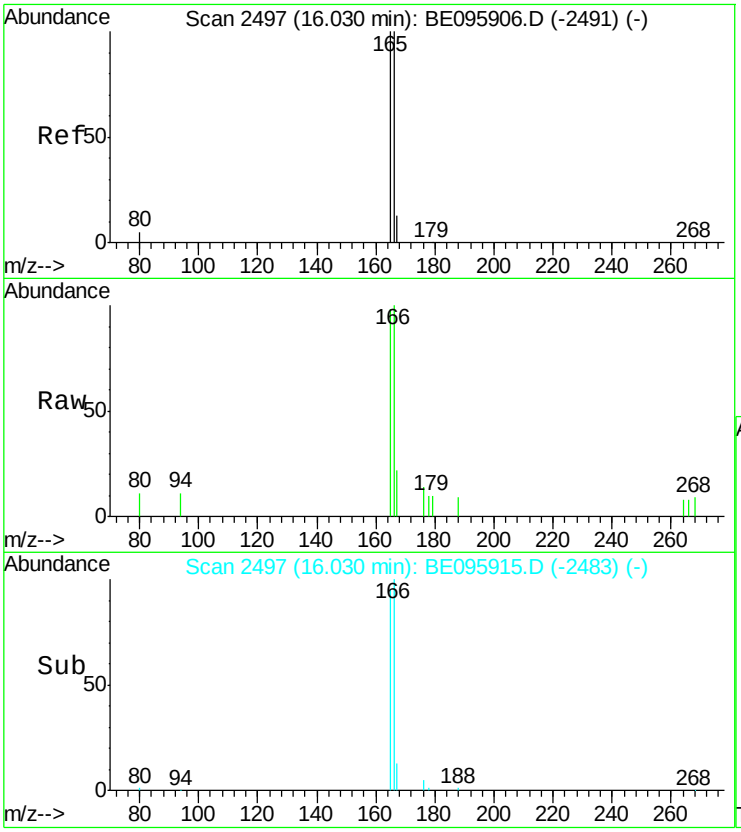


#8
Acenaphthene
Concen: 0.085 ng/ul
RT: 15.06 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BE095915.D
Acq: 29 Mar 2018 14:58

Tgt Ion:153 Resp: 1039

Ion	Ratio	Lower	Upper
153	100		
152	51.4	36.0	54.0
154	81.6	72.0	108.0

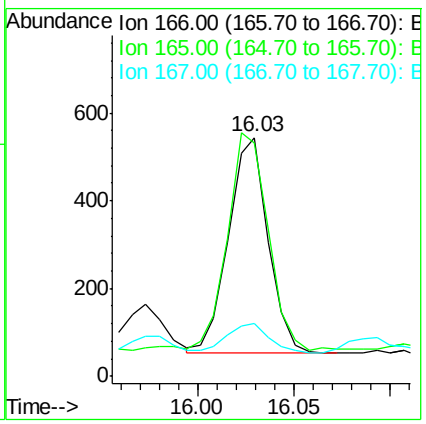




#9
Fluorene
Concen: 0.053 ng/ul
RT: 16.03 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BE095915.D
Acq: 29 Mar 2018 14:58

Tgt Ion:166 Resp: 706

Ion	Ratio	Lower	Upper
166	100		
165	97.6	73.4	110.2
167	22.2	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
C0AS3DL

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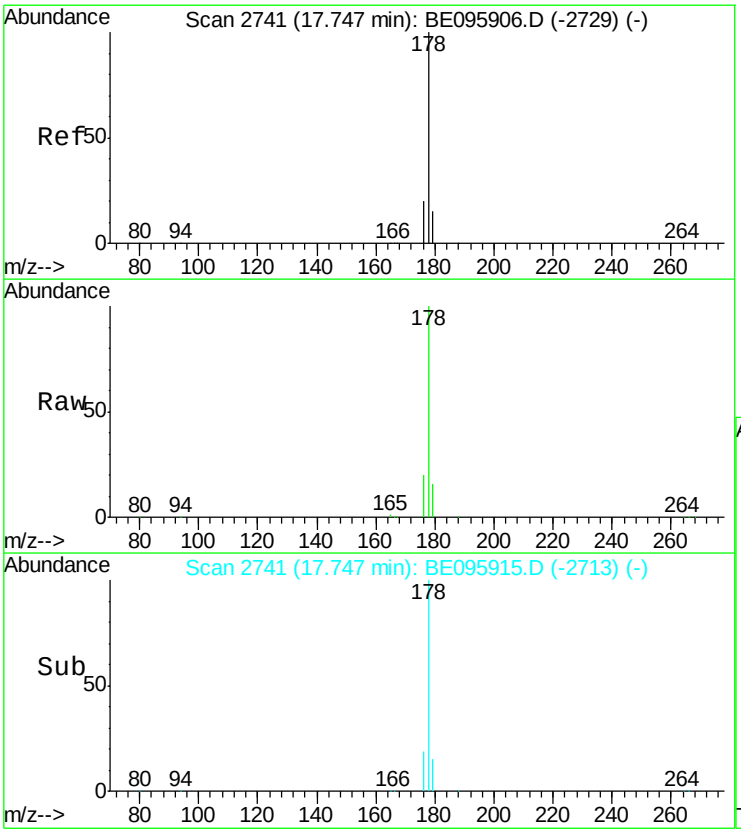
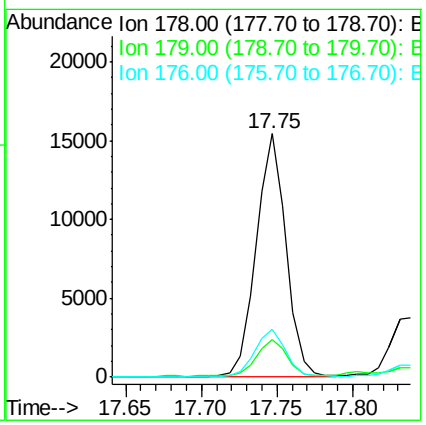
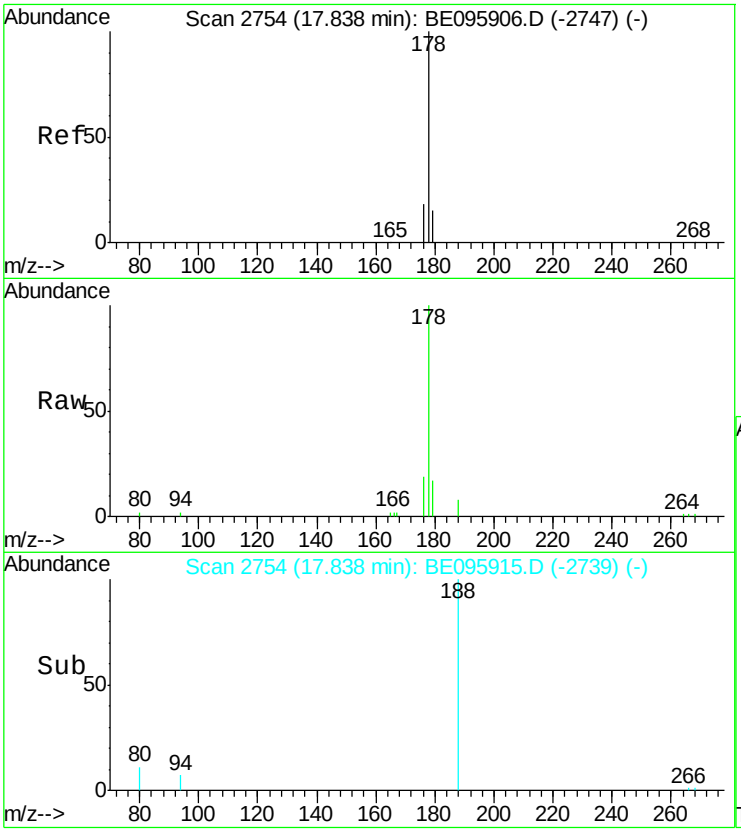


#12
Phenanthrene
Concen: 0.976 ng/ul
RT: 17.75 min Scan# 2741
Delta R.T. 0.00 min
Lab File: BE095915.D
Acq: 29 Mar 2018 14:58

Tgt Ion:178 Resp: 20975

Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6#
176	19.7	13.6	20.4





#13
Anthracene
Concen: 0.266 ng/ul
RT: 17.84 min Scan# 2754
Delta R.T. 0.01 min
Lab File: BE095915.D
Acq: 29 Mar 2018 14:58

Tgt Ion:178 Resp: 5346

Ion	Ratio	Lower	Upper
178	100		
179	16.7	18.1	27.1#
176	19.4	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
C0AS3DL

Manual Integrations APPROVED
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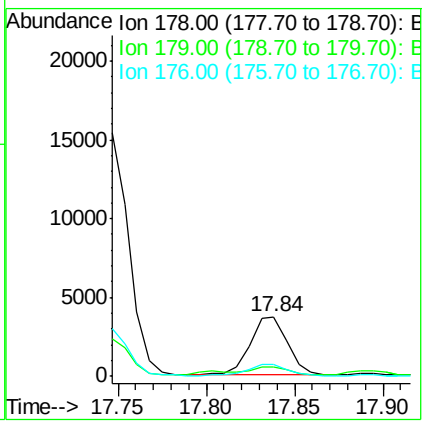
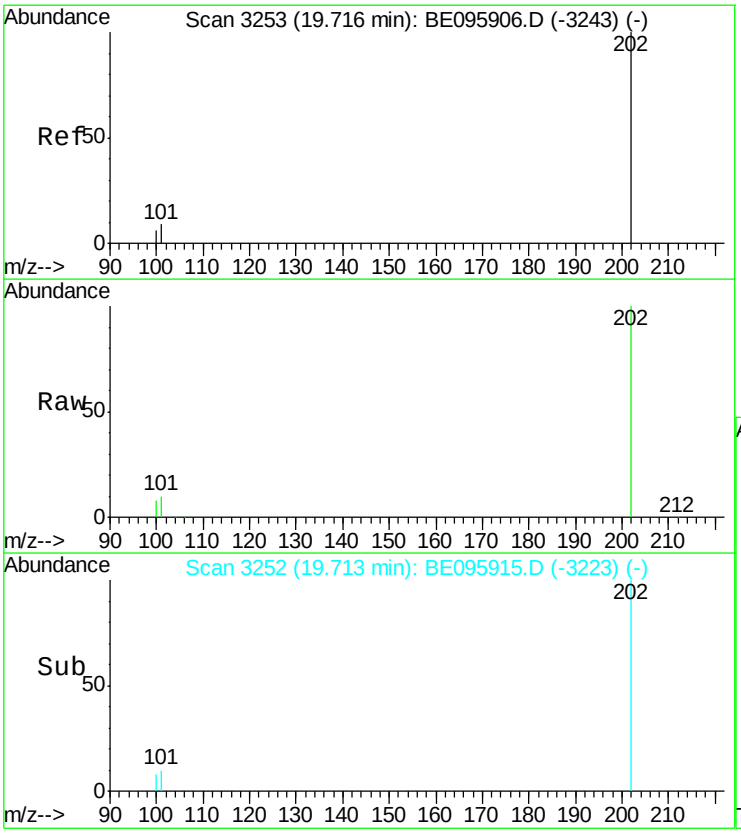
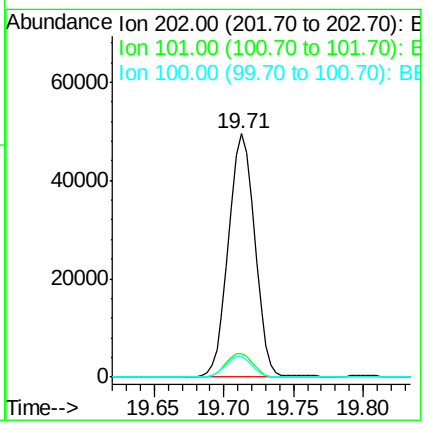


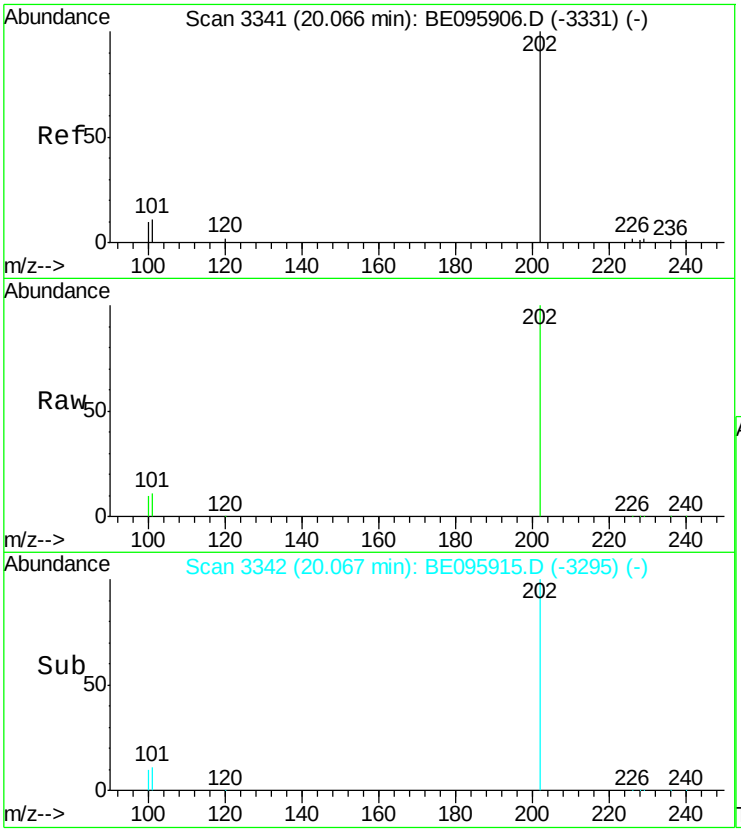


#15
Fluoranthene
Concen: 2.467 ng/ul
RT: 19.71 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BE095915.D
Acq: 29 Mar 2018 14:58

Tgt Ion:202 Resp: 64244

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.3
100	8.4	0.0	39.5





#17
Pyrene
Concen: 2.334 ng/ul
RT: 20.07 min Scan# 3342
Delta R.T. 0.00 min
Lab File: BE095915.D
Acq: 29 Mar 2018 14:58

Tgt Ion:202 Resp: 63279

Ion	Ratio	Lower	Upper
202	100		
101	11.3	18.2	27.4#
100	10.1	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AS3DL

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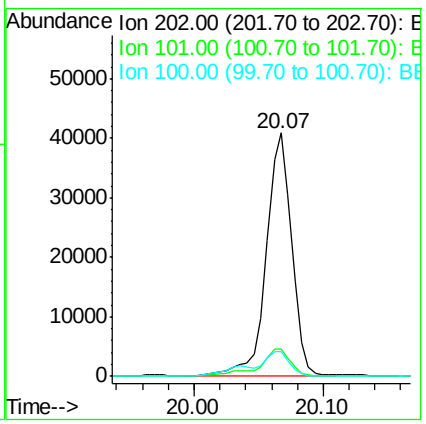
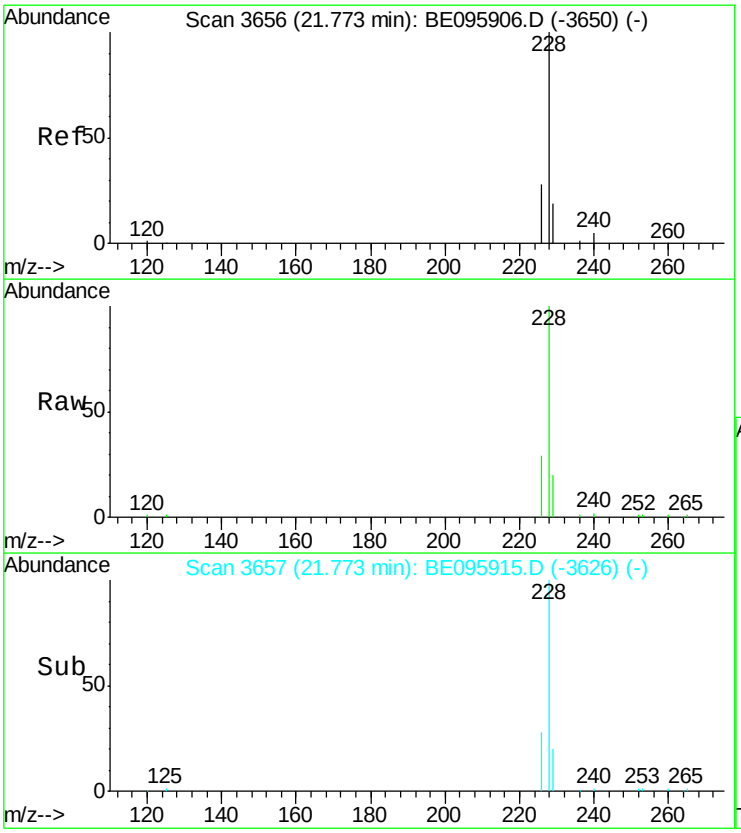
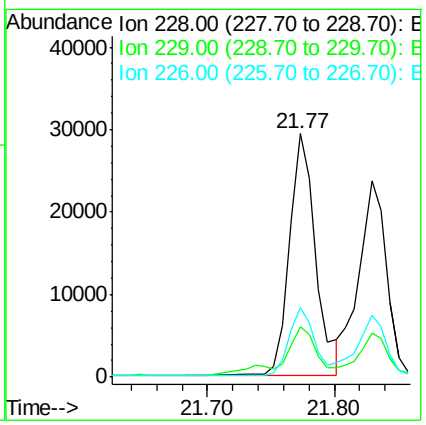


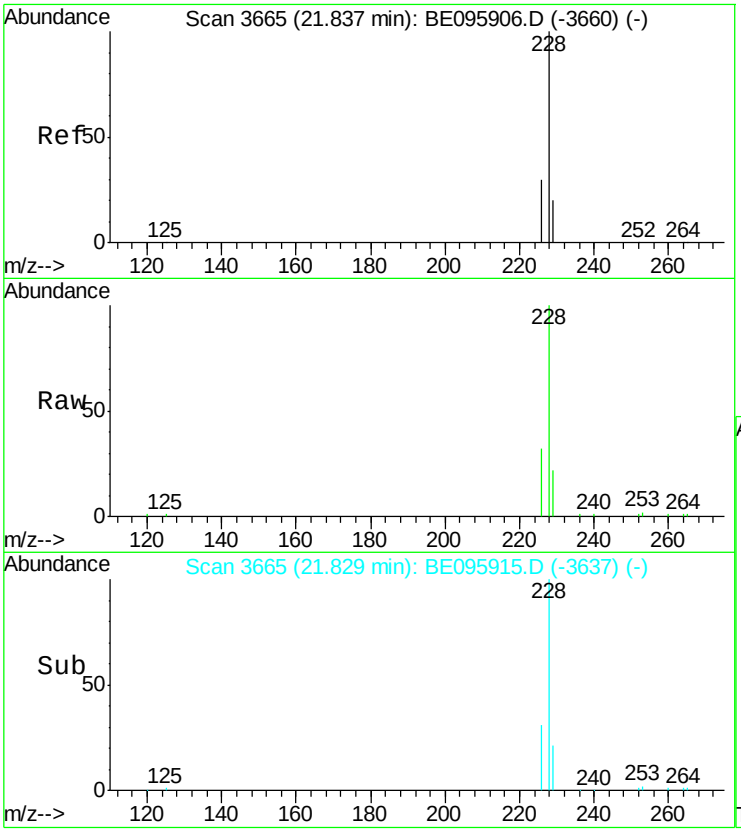


#18
Benzo(a)anthracene
Concen: 2.167 ng/ul
RT: 21.77 min Scan# 3657
Delta R.T. -0.00 min
Lab File: BE095915.D
Acq: 29 Mar 2018 14:58

Tgt Ion:228 Resp: 49922

Ion	Ratio	Lower	Upper
228	100		
229	20.4	22.8	34.2#
226	28.6	17.0	25.6#

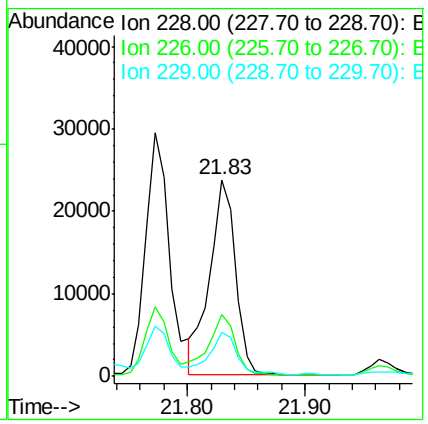




#19
Chrysene
Concen: 1.540 ng/ul
RT: 21.83 min Scan# 3665
Delta R.T. -0.00 min
Lab File: BE095915.D
Acq: 29 Mar 2018 14:58

Tgt Ion:228 Resp: 36126

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.0
229	22.1	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
C0AS3DL

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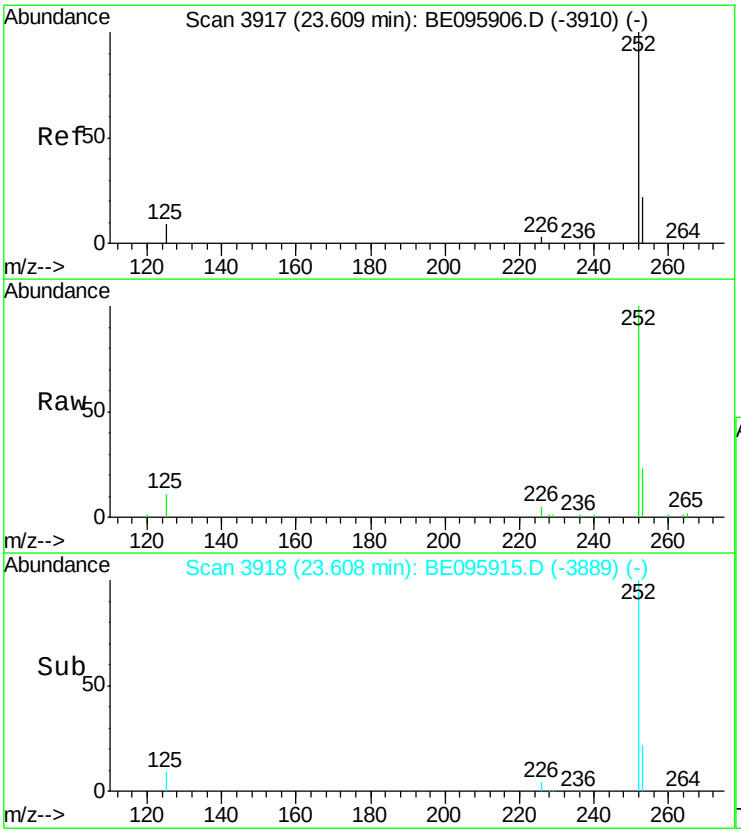
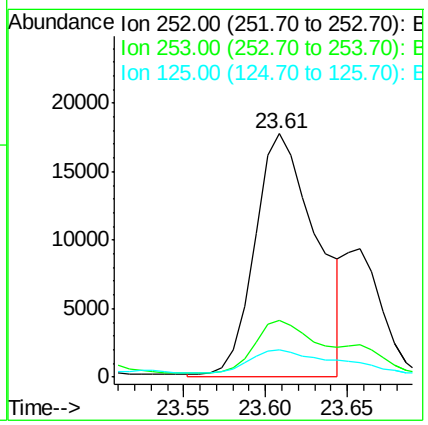
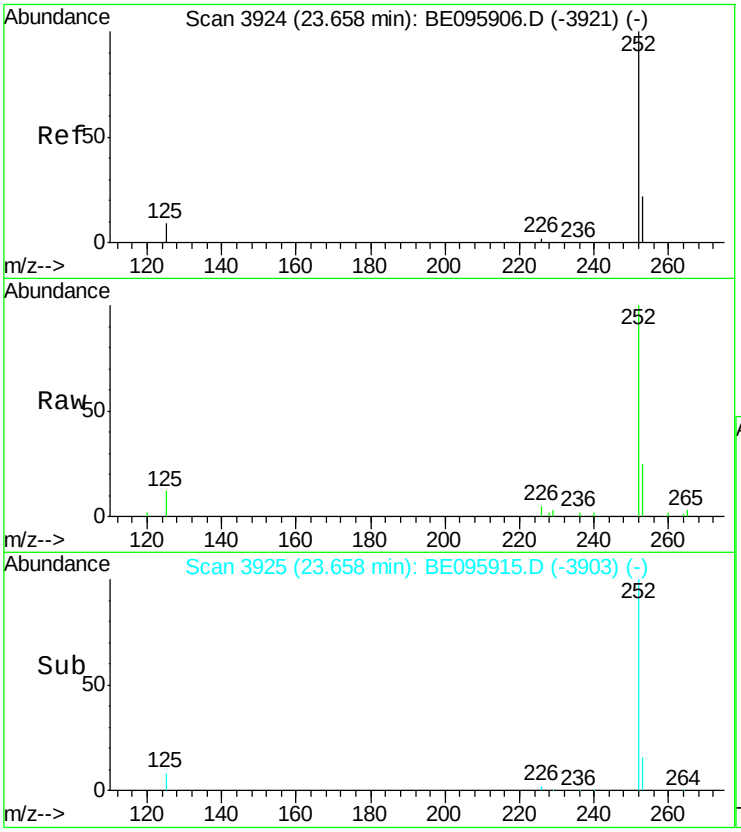


#21
Benzo(b)fluoranthene
Concen: 1.853 ng/ul m
RT: 23.61 min Scan# 3918
Delta R.T. 0.01 min
Lab File: BE095915.D
Acq: 29 Mar 2018 14:58

Tgt Ion:252 Resp: 46487

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	64.2
125	11.0	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.644 ng/ul m
RT: 23.66 min Scan# 3925
Delta R.T. 0.01 min
Lab File: BE095915.D
Acq: 29 Mar 2018 14:58

Tgt Ion:252 Resp: 15361

Ion	Ratio	Lower	Upper
252	100		
253	25.3	24.5	36.7
125	11.7	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AS3DL

Manual Integrations APPROVED
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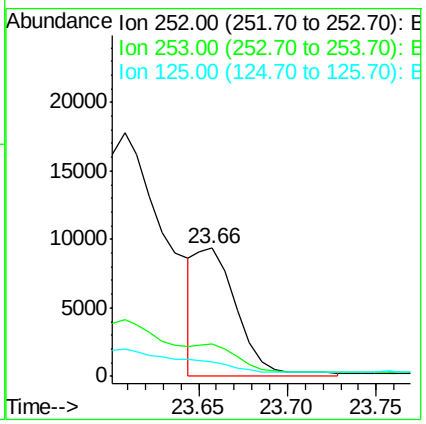
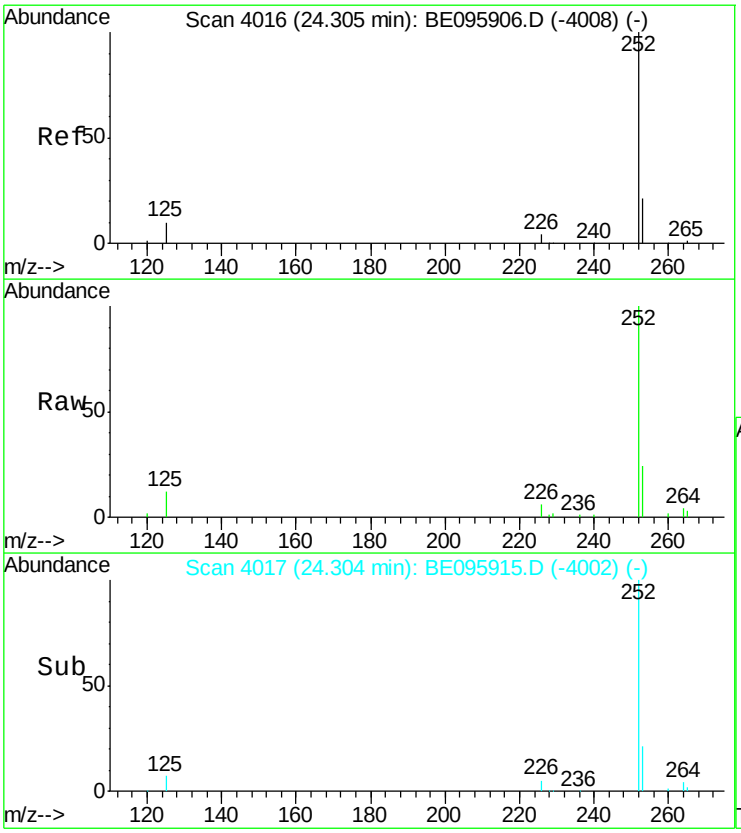
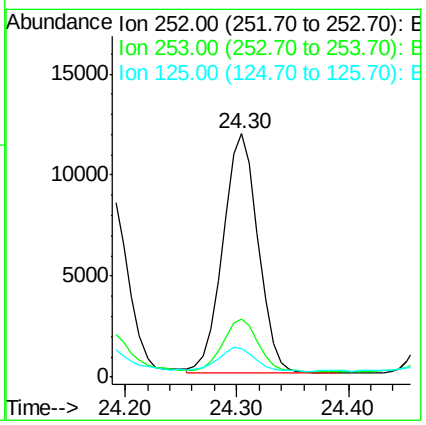


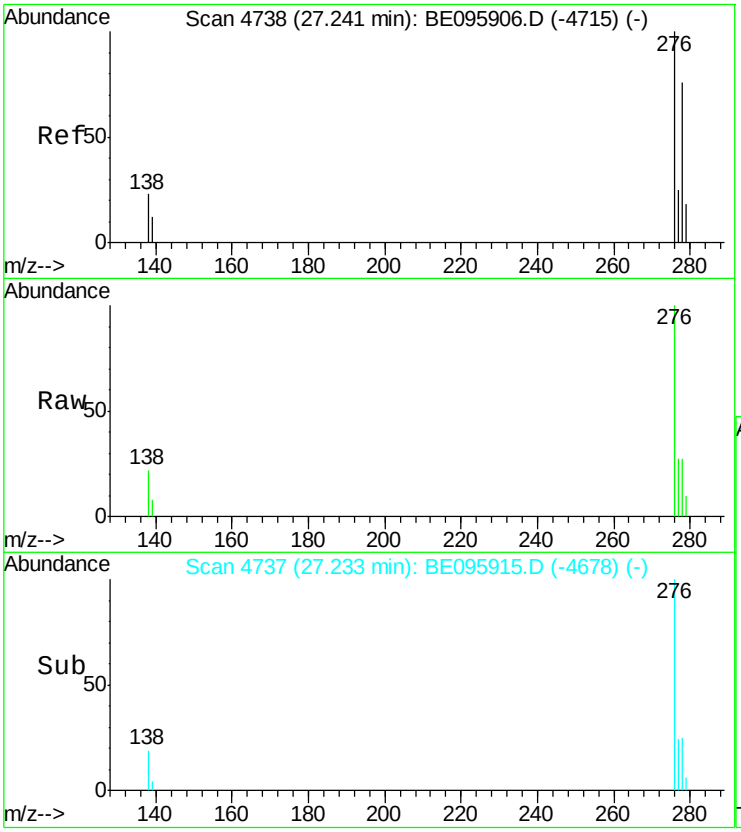


#23
Benzo(a)pyrene
Concen: 1.134 ng/ul
RT: 24.30 min Scan# 4017
Delta R.T. 0.01 min
Lab File: BE095915.D
Acq: 29 Mar 2018 14:58

Tgt Ion:252 Resp: 25957

Ion	Ratio	Lower	Upper
252	100		
253	24.0	28.5	42.7#
125	11.7	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.555 ng/ul
RT: 27.23 min Scan# 4737
Delta R.T. 0.01 min
Lab File: BE095915.D
Acq: 29 Mar 2018 14:58

Instrument :
BNA_E
ClientSampleId :
C0AS3DL

Manual Integrations APPROVED
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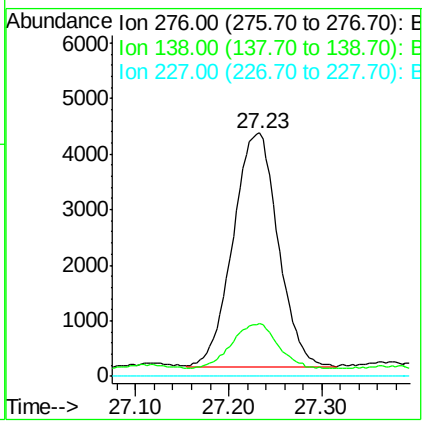
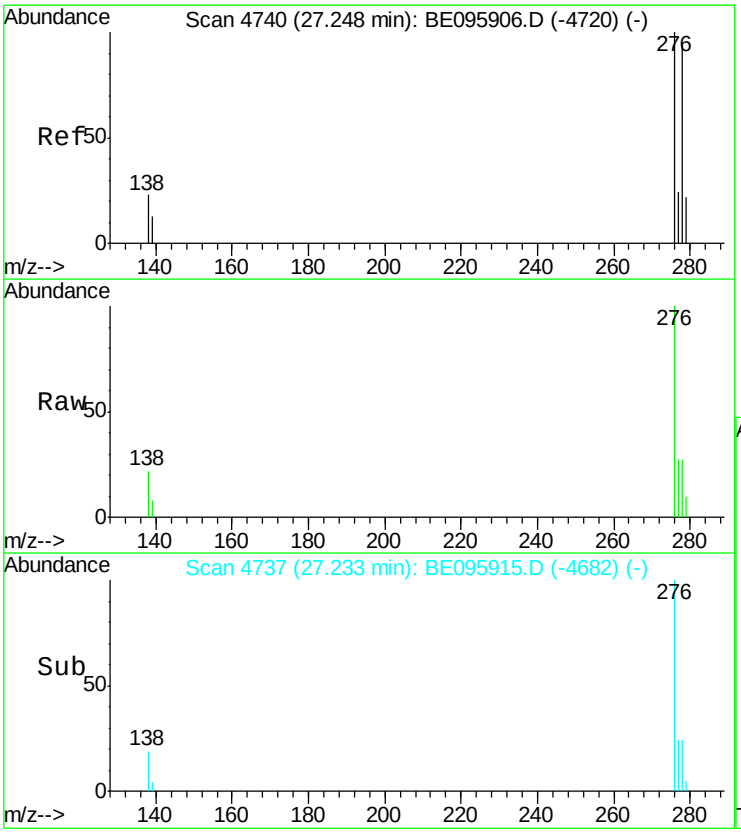
3/29/2018 6:45:10 PM

Tgt Ion:276 Resp: 14103

Ion	Ratio	Lower	Upper
276	100		
138	20.0	28.0	42.0#
227	0.0	8.0	12.0#

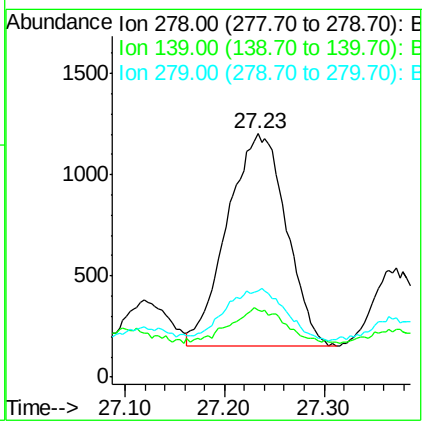


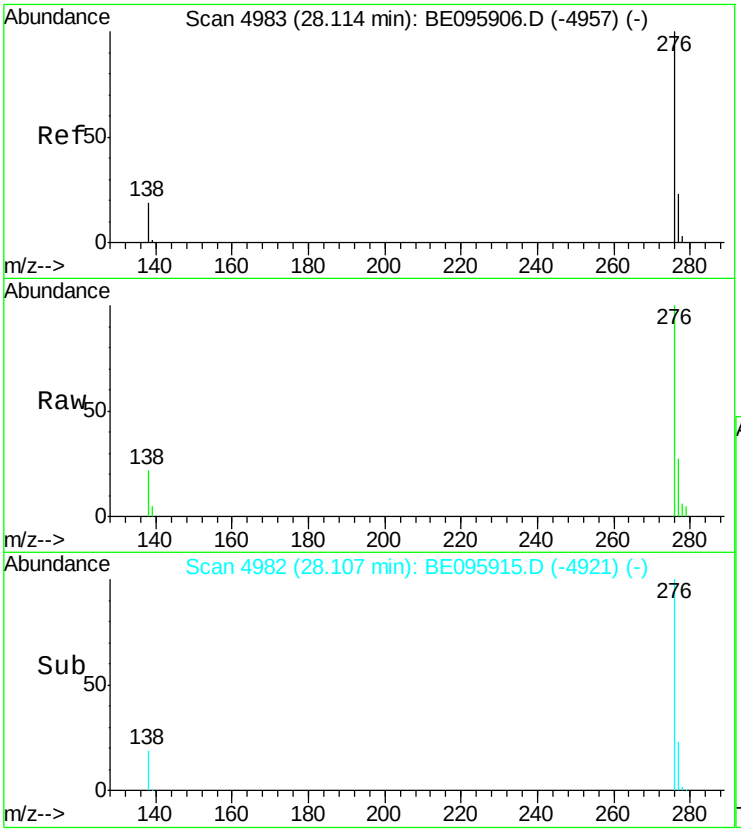


#25
Dibenzo(a,h)anthracene
Concen: 0.211 ng/ul
RT: 27.23 min Scan# 4737
Delta R.T. -0.00 min
Lab File: BE095915.D
Acq: 29 Mar 2018 14:58

Tgt Ion:278 Resp: 4290

Ion	Ratio	Lower	Upper
278	100		
139	27.7	17.4	26.0#
279	35.6	25.9	38.9

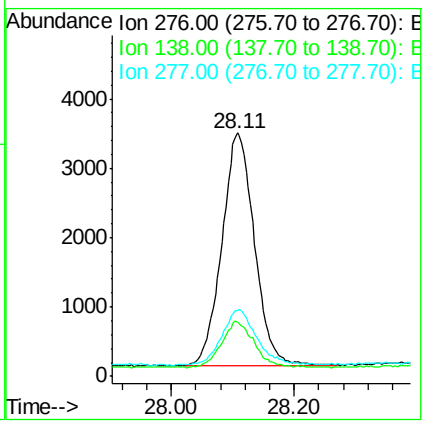




#26
Benzo(g,h,i)perylene
Concen: 0.564 ng/ul
RT: 28.11 min Scan# 4982
Delta R.T. 0.02 min
Lab File: BE095915.D
Acq: 29 Mar 2018 14:58

Tgt Ion:276 Resp: 12298

Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.8	32.8
277	26.9	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AS3DL

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