Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
Data File : BE095902.D
Acq On : 29 Mar 2018 6:15
Operator : SJ/JU
Sample : J2060-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AT8

Manual Integrations APPROVED
Sohil
3/29/2018 5:19:08 PM

Quant Time: Mar 29 07:55:54 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 07:00:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	2259	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	7201	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	4499	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	9336m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	8776m	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	9640	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	2611	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	6113m	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.29	128	5464	0.272	ng/ul#	84
5) 2-Methylnaphthalene	12.87	142	2240	0.160	ng/ul	95
7) Acenaphthylene	14.73	152	573	0.025	ng/ul#	1
8) Acenaphthene	15.06	153	2110	0.123	ng/ul#	79
9) Fluorene	16.03	166	2290	0.123	ng/ul#	83
12) Phenanthrene	17.75	178	20053m	0.717	ng/ul	
13) Anthracene	17.84	178	8816m	0.337	ng/ul	
15) Fluoranthene	19.71	202	40493m	1.196	ng/ul	
17) Pyrene	20.07	202	49015	1.471	ng/ul#	79
18) Benzo(a)anthracene	21.77	228	24425m	0.863	ng/ul	
19) Chrysene	21.83	228	25735	0.893	ng/ul	92
21) Benzo(b)fluoranthene	23.61	252	36237m	1.085	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	13164m	0.415	ng/ul	
23) Benzo(a)pyrene	24.30	252	28508	0.935	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	27.23	276	20140	0.596	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.23	278	5142	0.190	ng/ul#	59
26) Benzo(g,h,i)perylene	28.11	276	22718	0.782	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
Data File : BE095902.D
Acq On : 29 Mar 2018 6:15
Operator : SJ/JU
Sample : J2060-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:55:54 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 07:00:13 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AT8

Manual Integrations APPROVED
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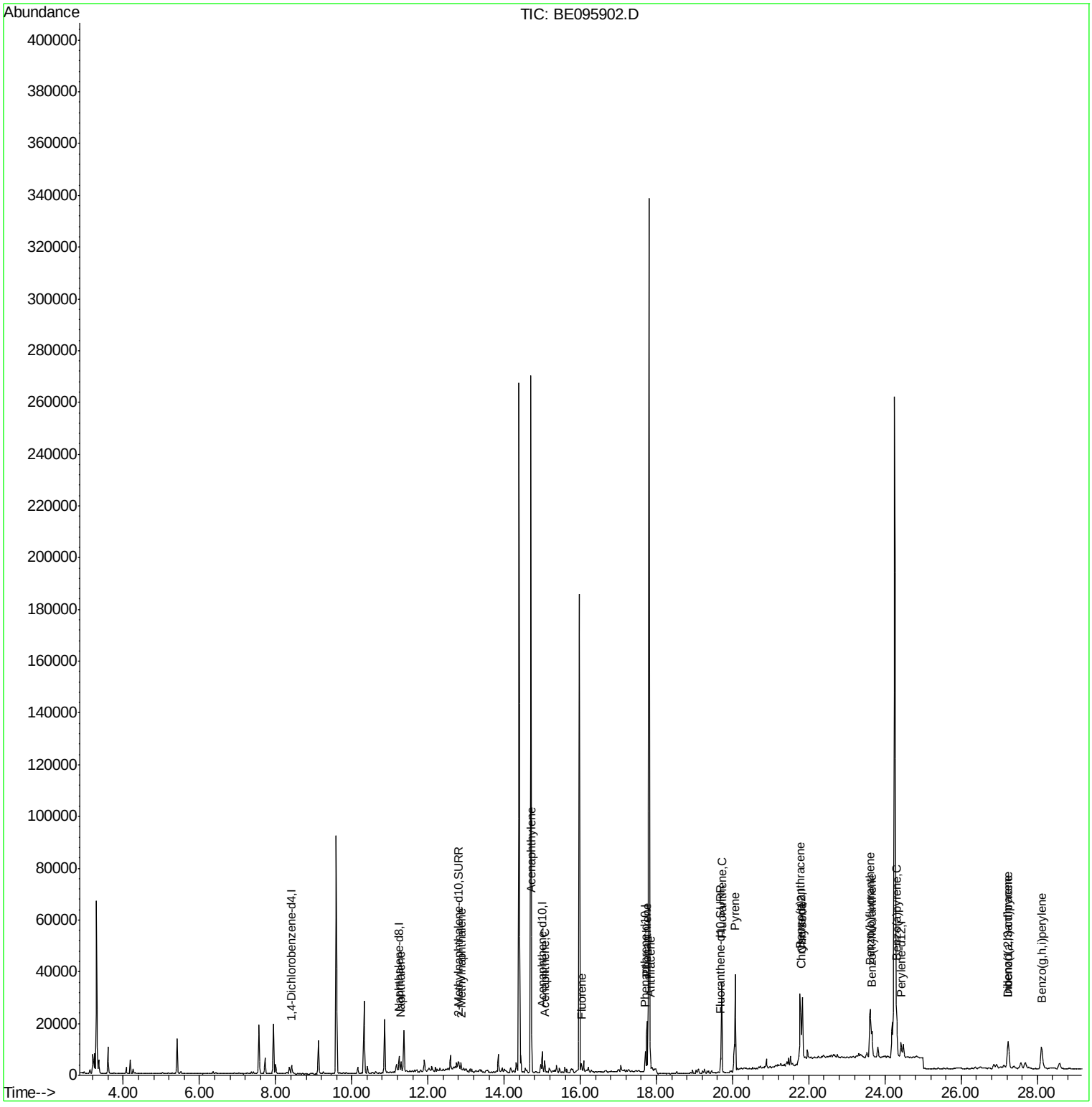

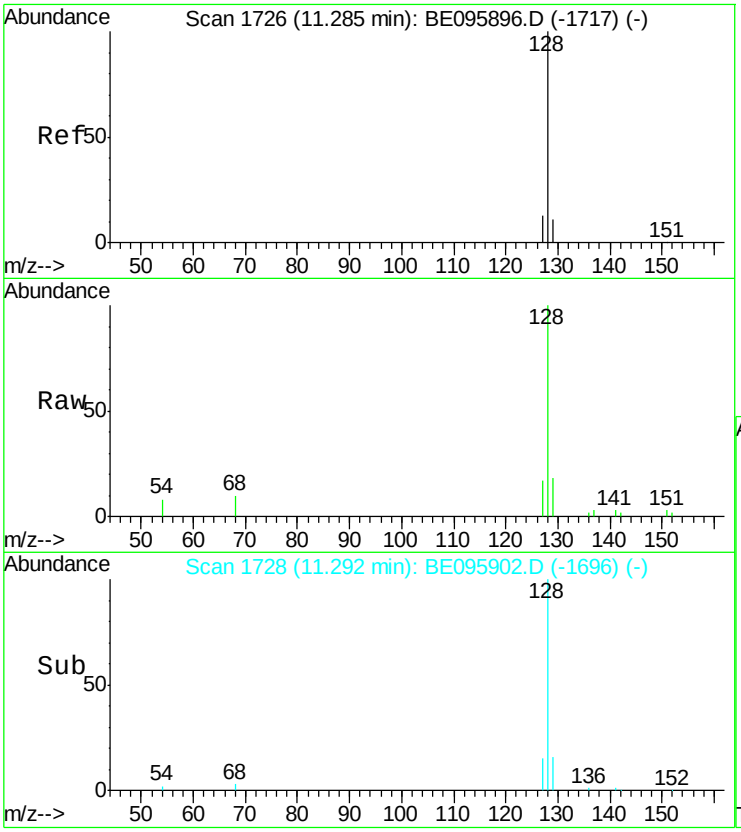

#3
Naphthalene
Concen: 0.272 ng/ul
RT: 11.29 min Scan# 1728
Delta R.T. 0.01 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:128 Resp: 5464

Ion	Ratio	Lower	Upper
128	100		
129	17.9	11.3	16.9#
127	16.8	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AT8

Manual Integrations APPROVED
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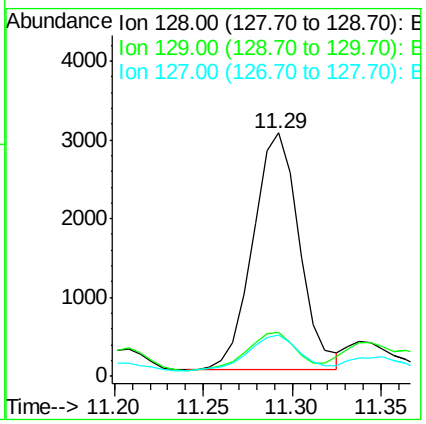
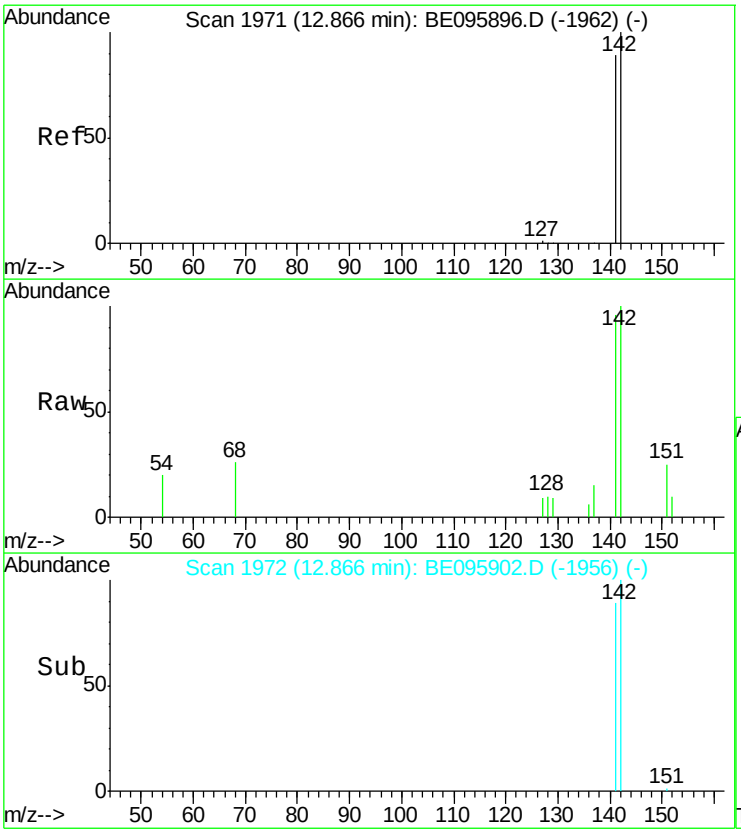
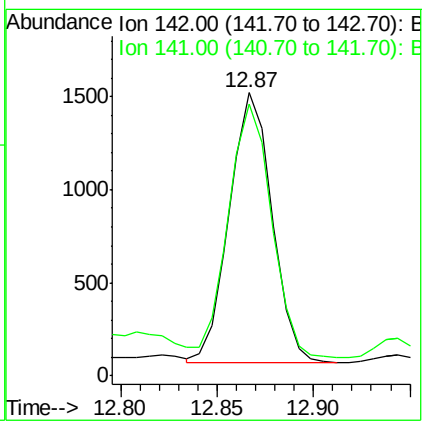


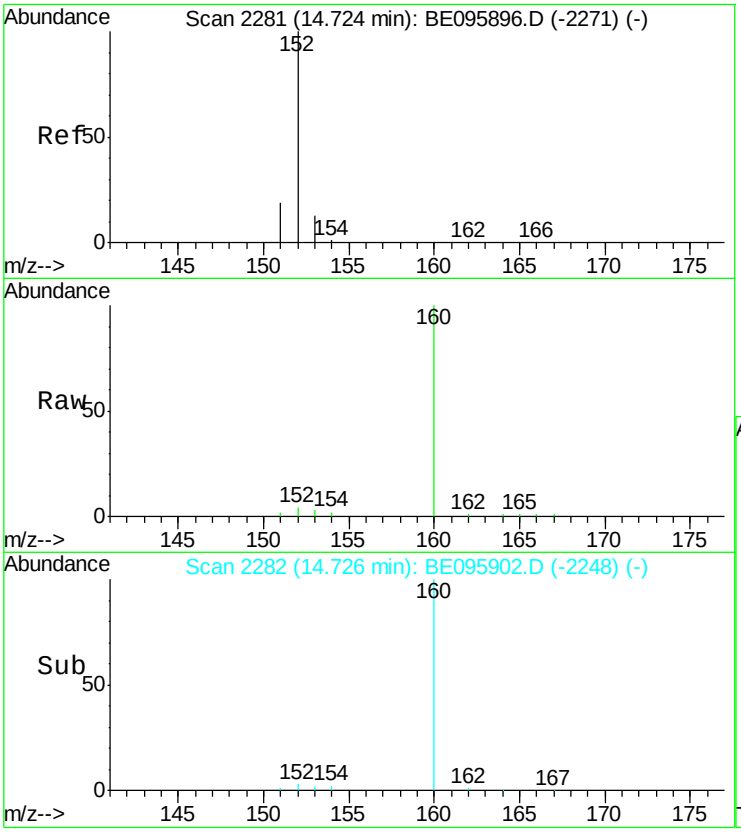


#5
2-Methylnaphthalene
Concen: 0.160 ng/ul
RT: 12.87 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:142 Resp: 2240

Ion	Ratio	Lower	Upper
142	100		
141	95.0	72.6	108.8





#7
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.73 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:152 Resp: 573

Ion	Ratio	Lower	Upper
152	100		
151	62.5	17.1	25.7#
153	86.0	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
C0AT8

Manual Integrations APPROVED
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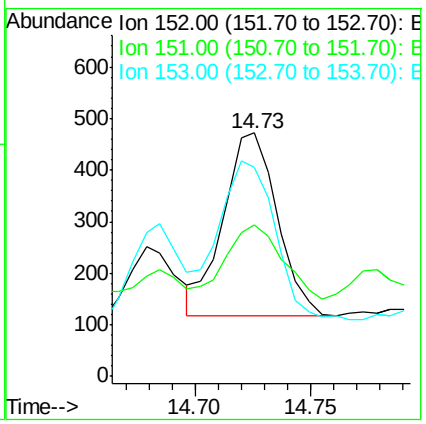
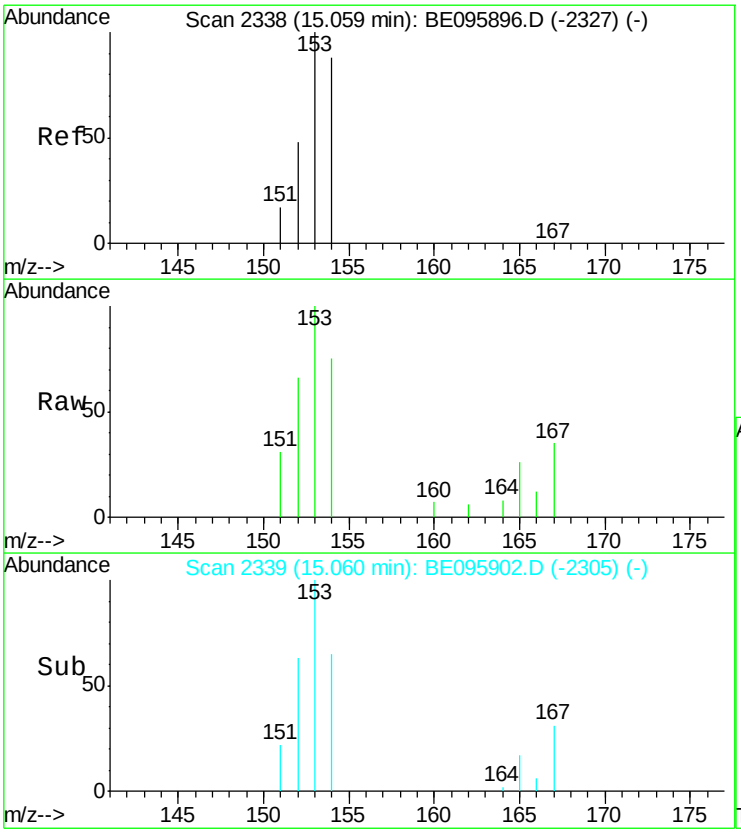
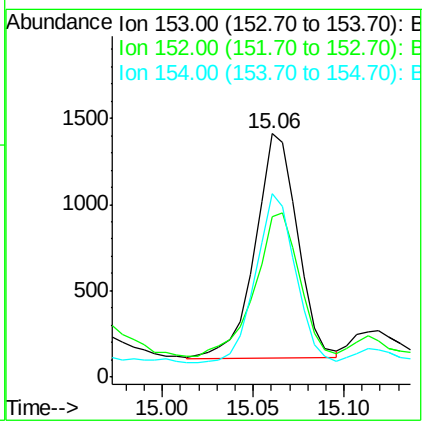


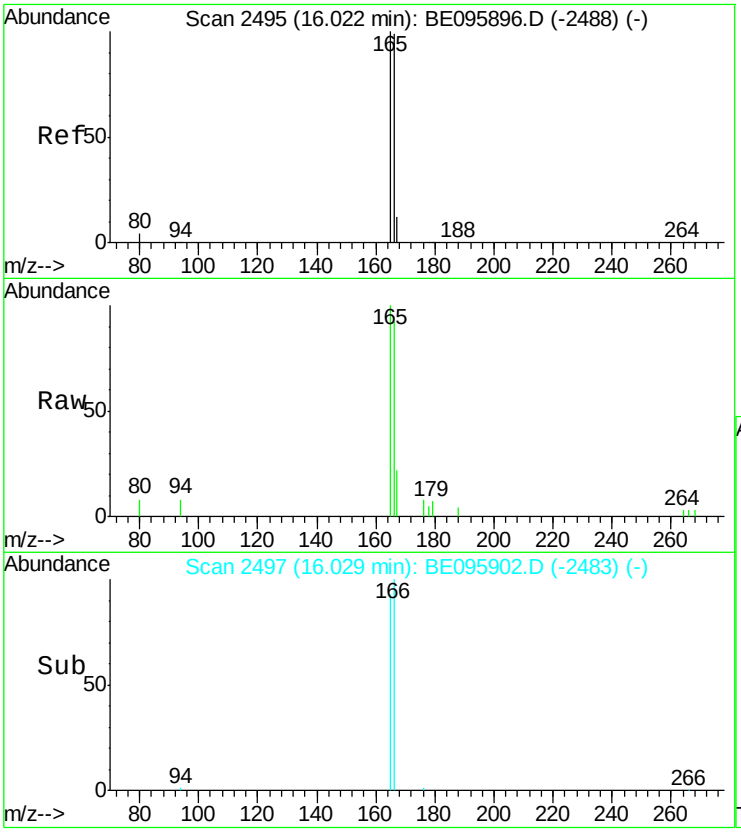


#8
Acenaphthene
Concen: 0.123 ng/ul
RT: 15.06 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:153 Resp: 2110

Ion	Ratio	Lower	Upper
153	100		
152	65.8	36.0	54.0#
154	75.4	72.0	108.0





#9
Fluorene
Concen: 0.123 ng/ul
RT: 16.03 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:166 Resp: 2290

Ion	Ratio	Lower	Upper
166	100		
165	108.7	73.4	110.2
167	24.4	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
C0AT8

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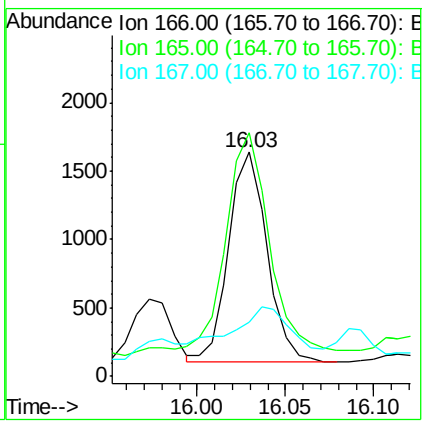
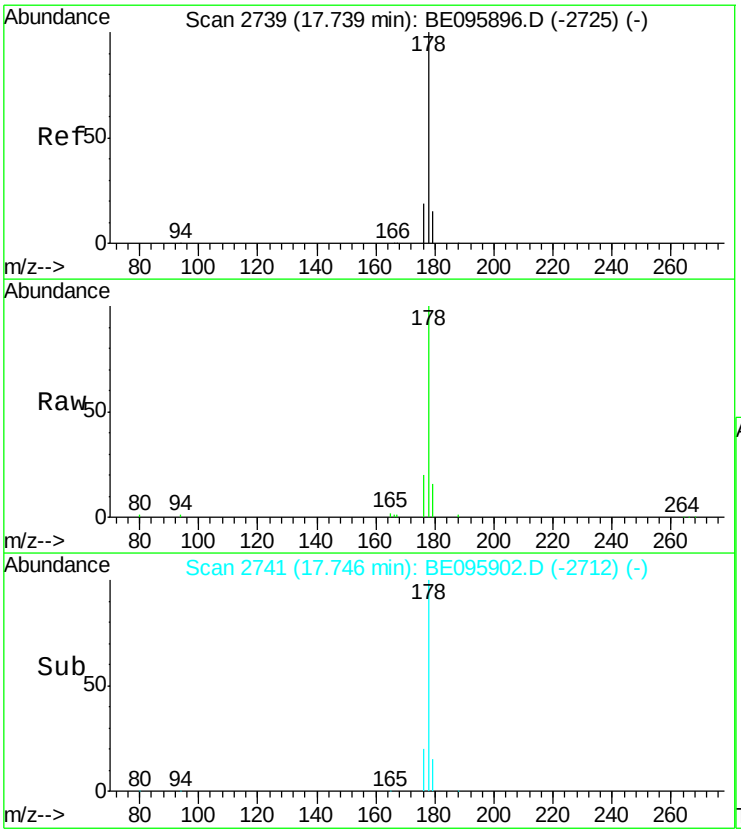
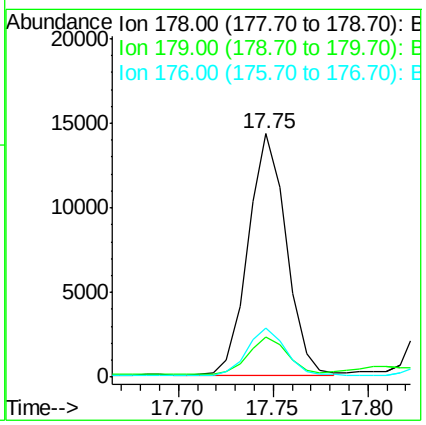


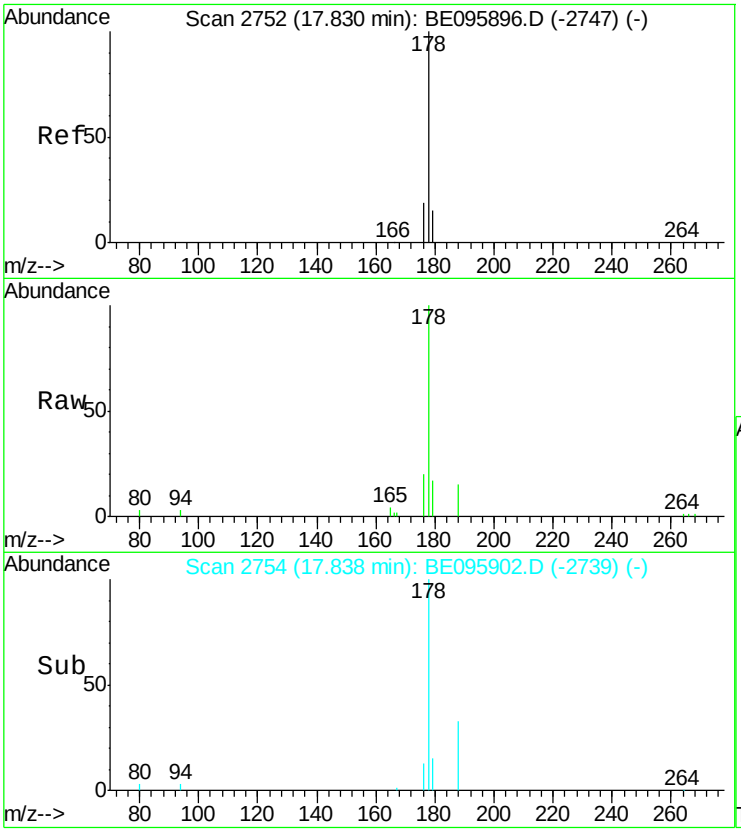


#12
Phenanthrene
Concen: 0.717 ng/ul m
RT: 17.75 min Scan# 2741
Delta R.T. 0.01 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:178 Resp: 20053

Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.4	27.6#
176	20.2	13.6	20.4

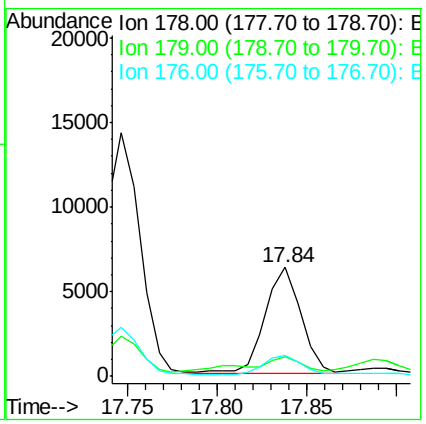




#13
Anthracene
Concen: 0.337 ng/ul m
RT: 17.84 min Scan# 2754
Delta R.T. 0.01 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:178 Resp: 8816

Ion	Ratio	Lower	Upper
178	100		
179	17.4	18.1	27.1#
176	19.5	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AT8

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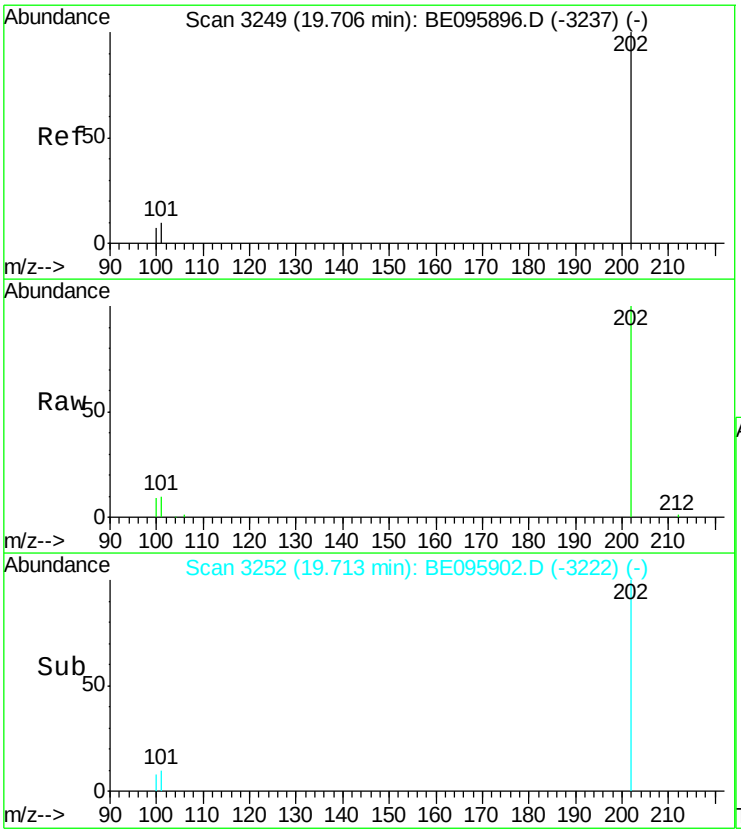
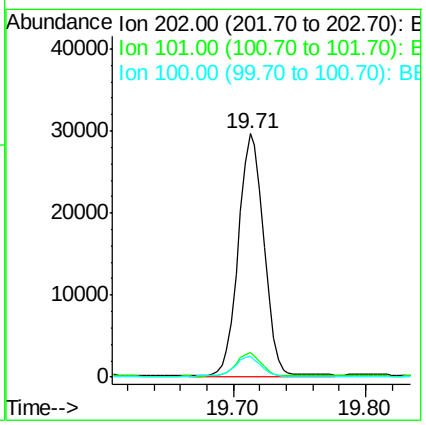
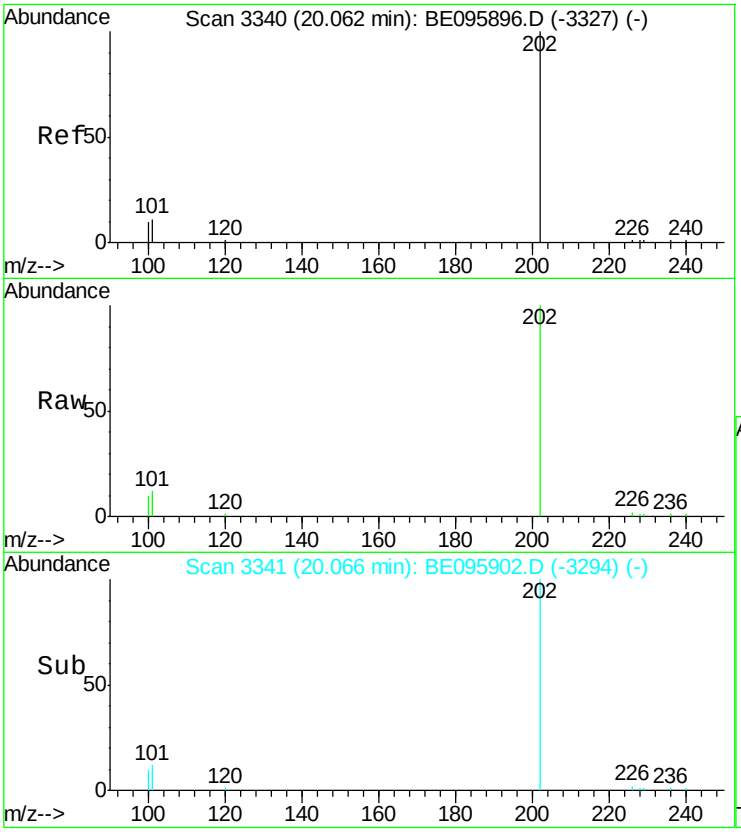


#15
Fluoranthene
Concen: 1.196 ng/ul m
RT: 19.71 min Scan# 3252
Delta R.T. 0.01 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:202 Resp: 40493

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.3
100	8.6	0.0	39.5





#17
Pyrene
Concen: 1.471 ng/ul
RT: 20.07 min Scan# 3341
Delta R.T. 0.00 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:202 Resp: 49015

Ion	Ratio	Lower	Upper
202	100		
101	12.2	18.2	27.4#
100	10.5	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AT8

Manual Integrations APPROVED
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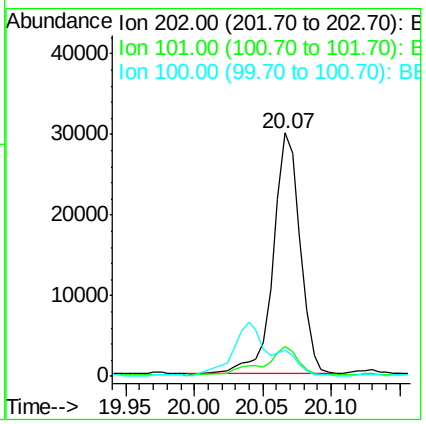
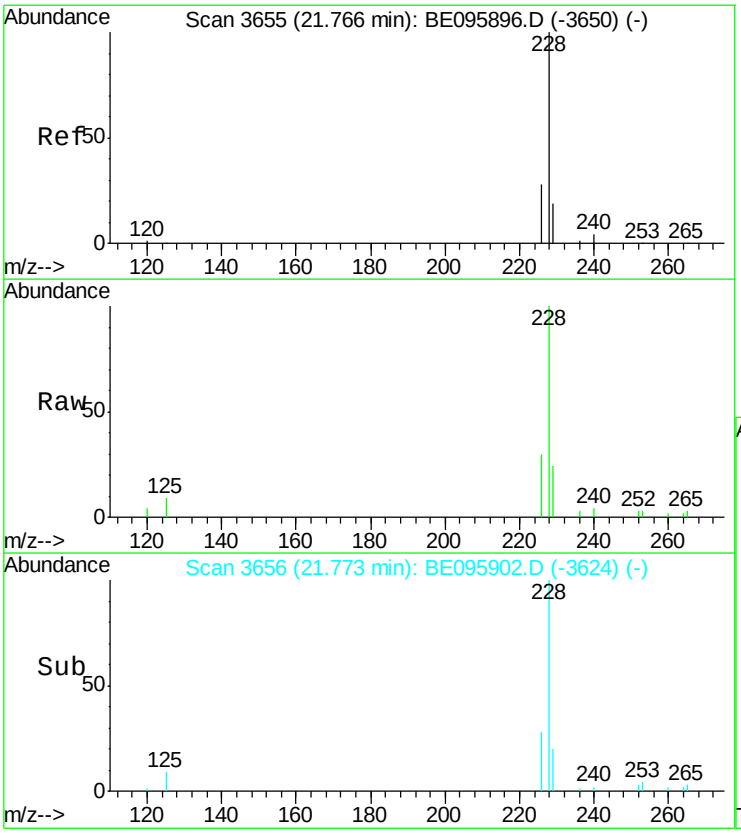
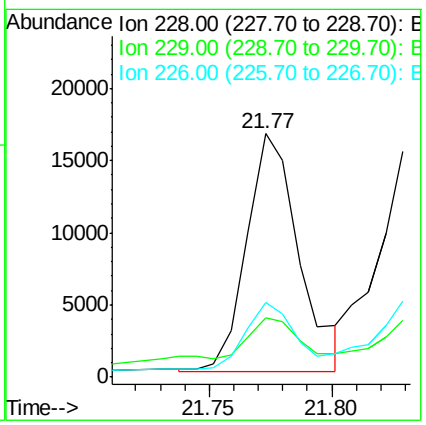


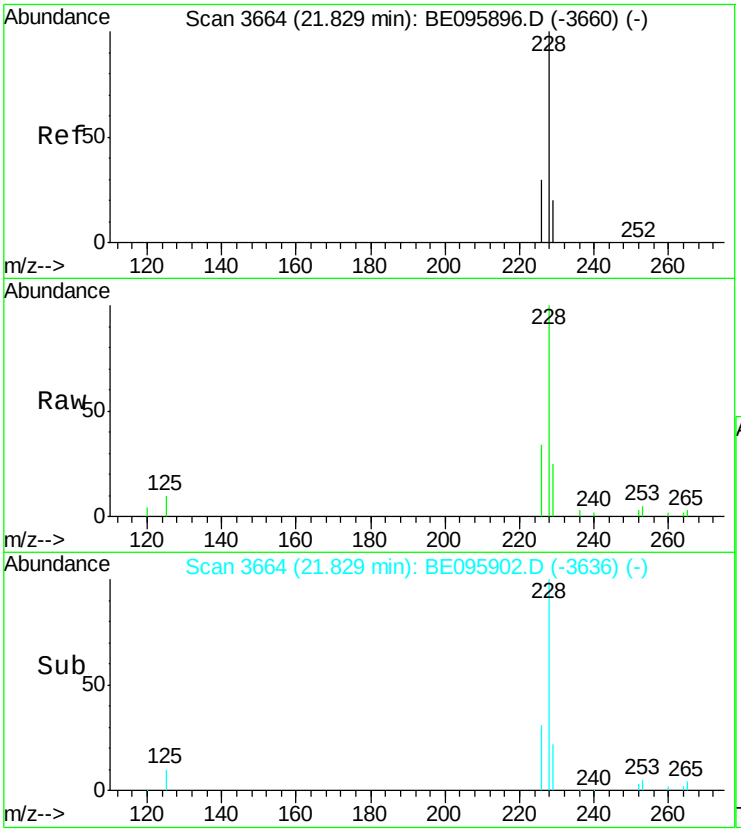


#18
Benzo(a)anthracene
Concen: 0.863 ng/ul m
RT: 21.77 min Scan# 3656
Delta R.T. 0.01 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:228 Resp: 24425

Ion	Ratio	Lower	Upper
228	100		
229	24.4	22.8	34.2
226	30.5	17.0	25.6#

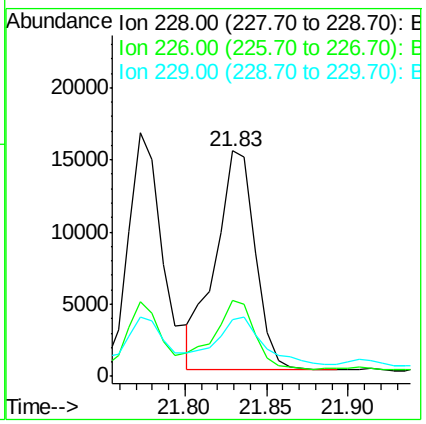




#19
Chrysene
Concen: 0.893 ng/ul
RT: 21.83 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:228 Resp: 25735

Ion	Ratio	Lower	Upper
228	100		
226	33.7	23.4	35.0
229	25.2	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
C0AT8

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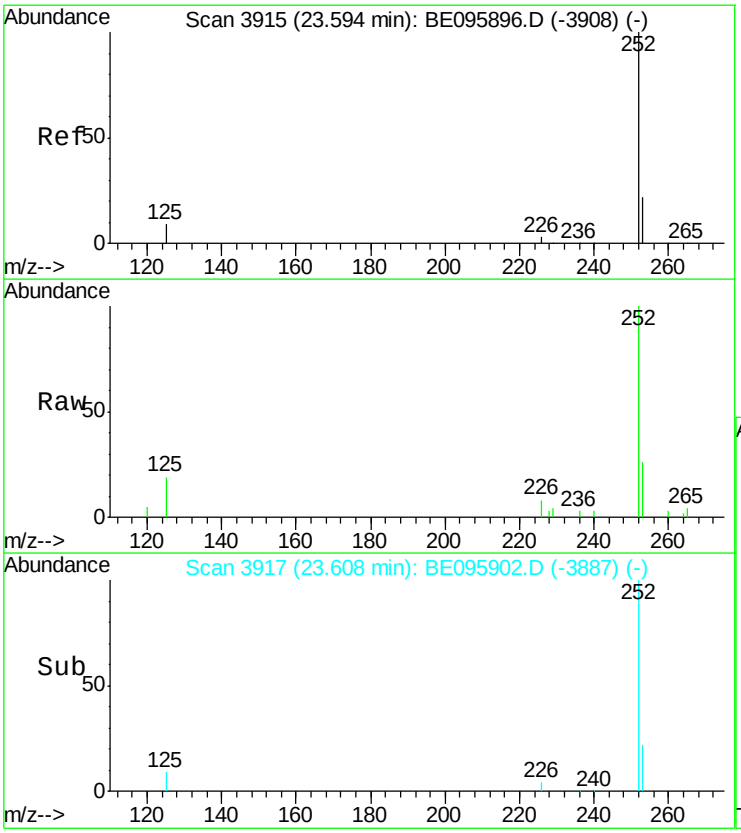
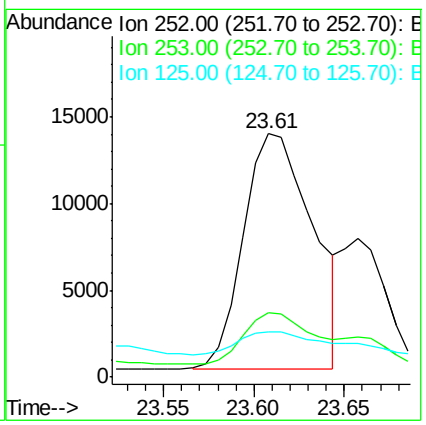
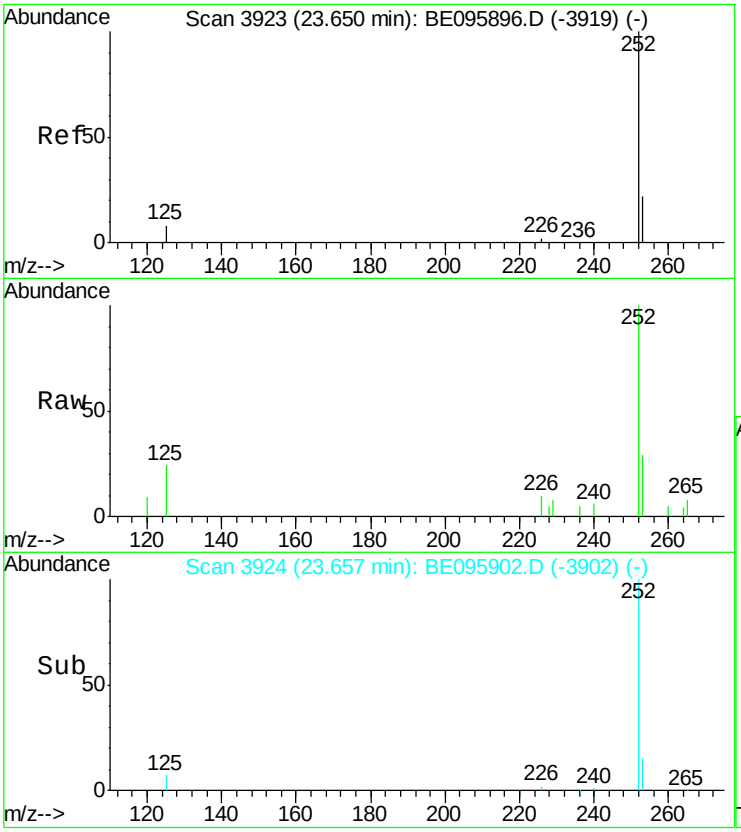


#21
Benzo(b)fluoranthene
Concen: 1.085 ng/ul m
RT: 23.61 min Scan# 3917
Delta R.T. 0.01 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:252 Resp: 36237

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	64.2
125	18.5	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.415 ng/ul m
RT: 23.66 min Scan# 3924
Delta R.T. 0.01 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:252 Resp: 13164

Ion	Ratio	Lower	Upper
252	100		
253	29.4	24.5	36.7
125	24.4	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AT8

Manual Integrations APPROVED
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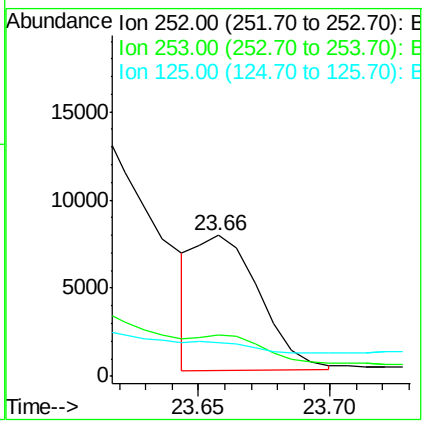
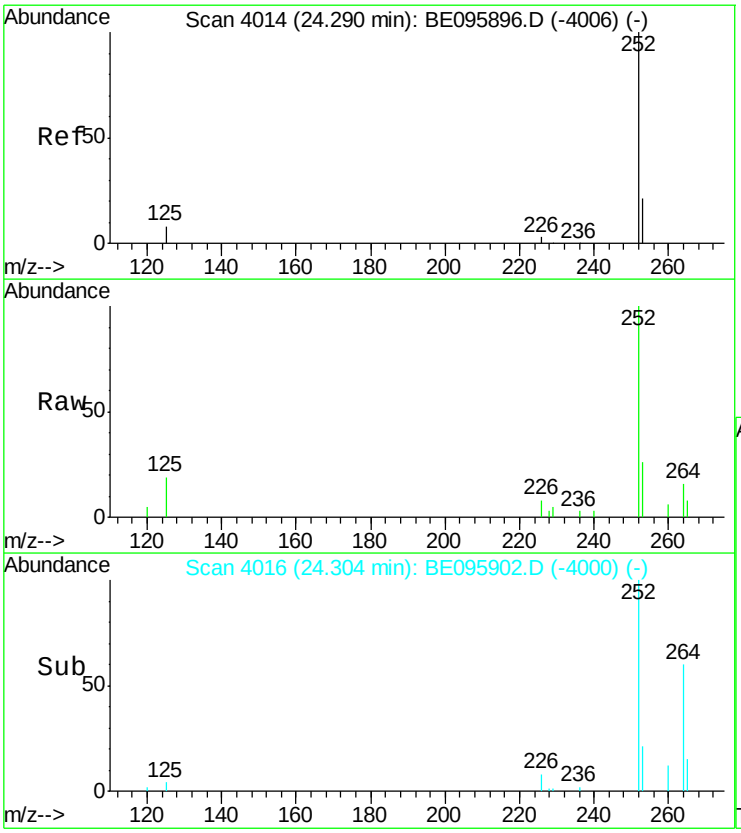
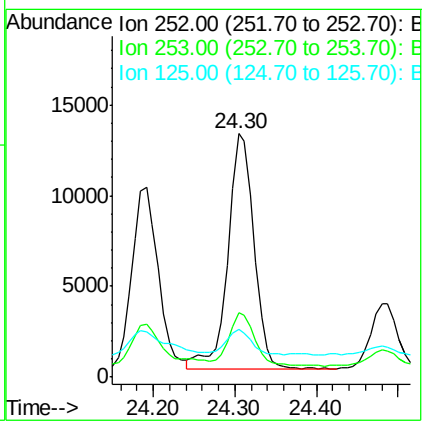


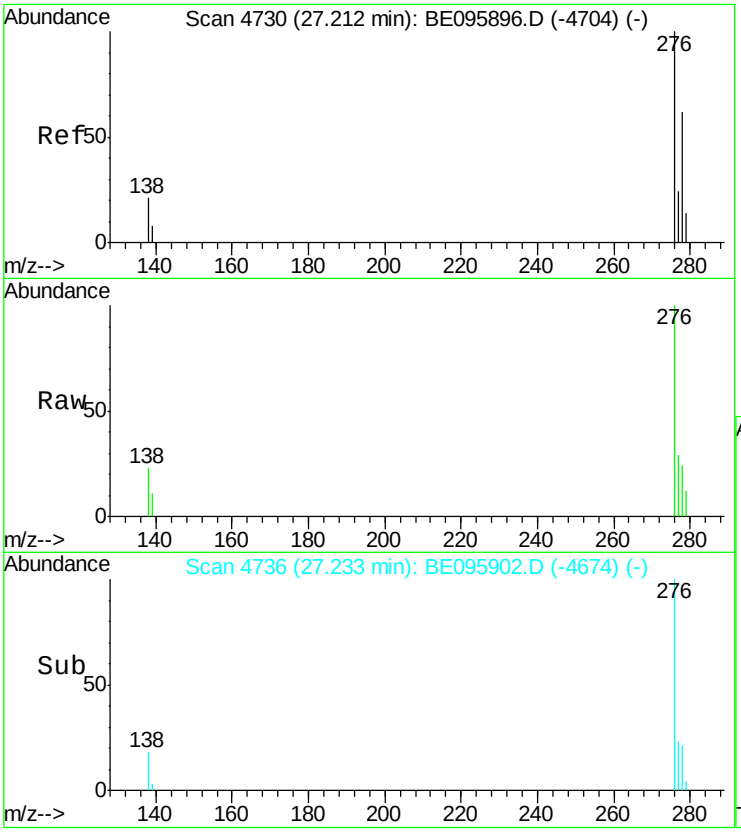


#23
Benzo(a)pyrene
Concen: 0.935 ng/ul
RT: 24.30 min Scan# 4016
Delta R.T. 0.01 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:252 Resp: 28508

Ion	Ratio	Lower	Upper
252	100		
253	26.2	28.5	42.7#
125	19.5	18.1	27.1





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.596 ng/ul
RT: 27.23 min Scan# 4736
Delta R.T. 0.02 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:276 Resp: 20140

Ion	Ratio	Lower	Upper
276	100		
138	18.9	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AT8

Manual Integrations APPROVED
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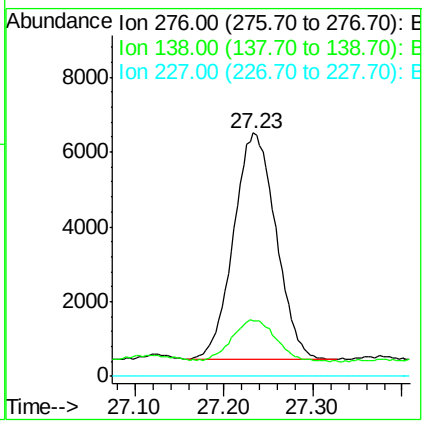
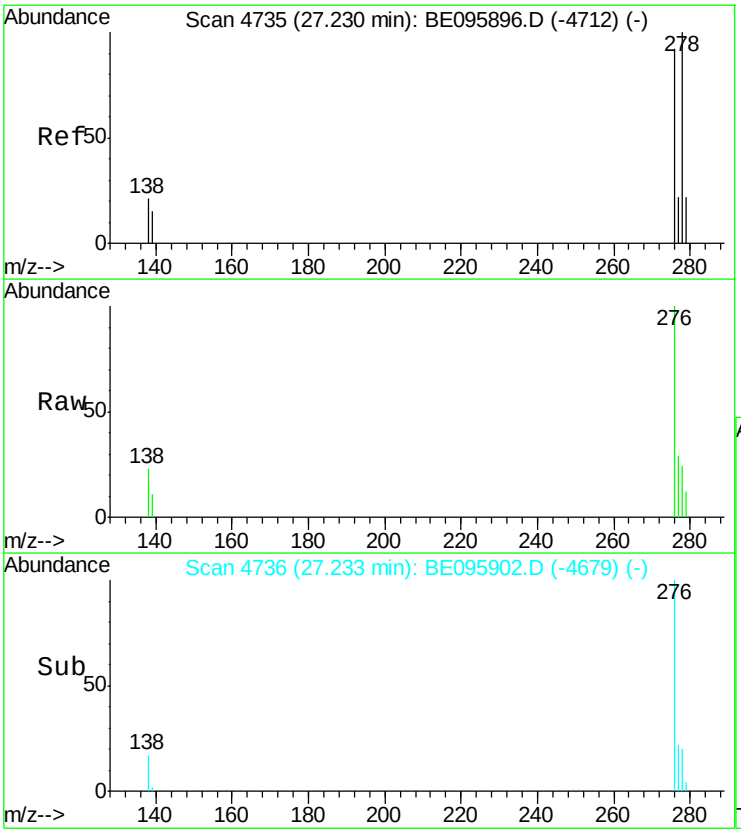
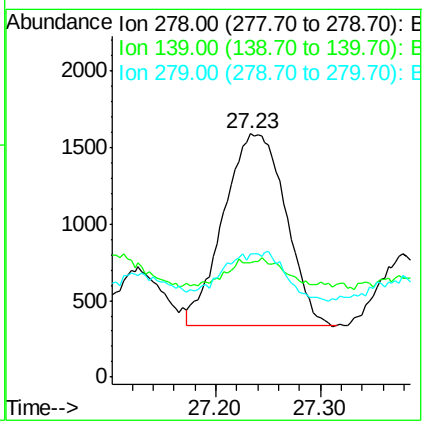


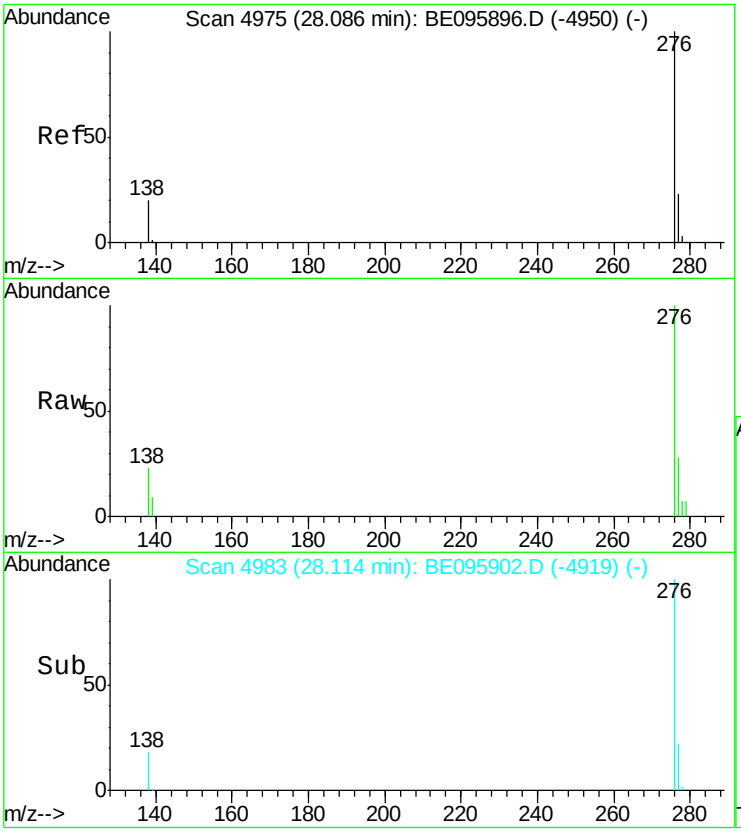


#25
Dibenzo(a,h)anthracene
Concen: 0.190 ng/ul
RT: 27.23 min Scan# 4736
Delta R.T. 0.00 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:278 Resp: 5142

Ion	Ratio	Lower	Upper
278	100		
139	47.0	17.4	26.0#
279	50.5	25.9	38.9#

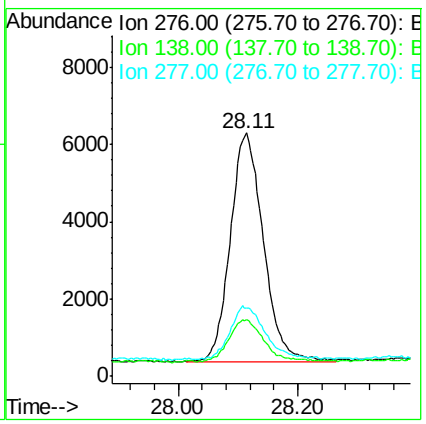




#26
Benzo(g,h,i)perylene
Concen: 0.782 ng/ul
RT: 28.11 min Scan# 4983
Delta R.T. 0.03 min
Lab File: BE095902.D
Acq: 29 Mar 2018 6:15

Tgt Ion:276 Resp: 22718

Ion	Ratio	Lower	Upper
276	100		
138	23.2	21.8	32.8
277	27.9	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AT8

Manual Integrations APPROVED
Sohil
3/29/2018 5:19:08 PM