Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
Data File : BE095886.D
Acq On : 28 Mar 2018 20:42
Operator : SJ/JU
Sample : J1951-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AS6

Manual Integrations APPROVED
Sohil
3/29/2018 5:18:09 PM

Quant Time: Mar 29 05:35:18 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 04:43:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	1677	0.40	ng/ul	0.00
2) Naphthalene-d8	11.23	136	4581	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	2963	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	7362m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	7539m	0.40	ng/ul	0.00
20) Perylene-d12	24.41	264	7916	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	1532	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	4761m	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.29	128	1163	0.091	ng/ul#	81
5) 2-Methylnaphthalene	12.87	142	354	0.040	ng/ul	97
8) Acenaphthene	15.06	153	1039	0.092	ng/ul	93
9) Fluorene	16.02	166	765	0.063	ng/ul	91
12) Phenanthrene	17.74	178	12363m	0.561	ng/ul	
13) Anthracene	17.83	178	3580m	0.174	ng/ul	
15) Fluoranthene	19.71	202	28987m	1.085	ng/ul	
17) Pyrene	20.06	202	28996	1.013	ng/ul#	79
18) Benzo(a)anthracene	21.77	228	18671	0.768	ng/ul#	85
19) Chrysene	21.83	228	14717	0.594	ng/ul	99
21) Benzo(b)fluoranthene	23.60	252	21093m	0.769	ng/ul	
22) Benzo(k)fluoranthene	23.64	252	6341m	0.243	ng/ul	
23) Benzo(a)pyrene	24.29	252	15244	0.609	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.21	276	9157	0.330	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.22	278	2474	0.111	ng/ul#	96
26) Benzo(g,h,i)perylene	28.09	276	8351	0.350	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 : BE095886.D
Acq On : 28 Mar 2018 20:42
Operator : SJ/JU
Sample : J1951-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 05:35:18 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 04:43:20 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AS6

Manual Integrations APPROVED
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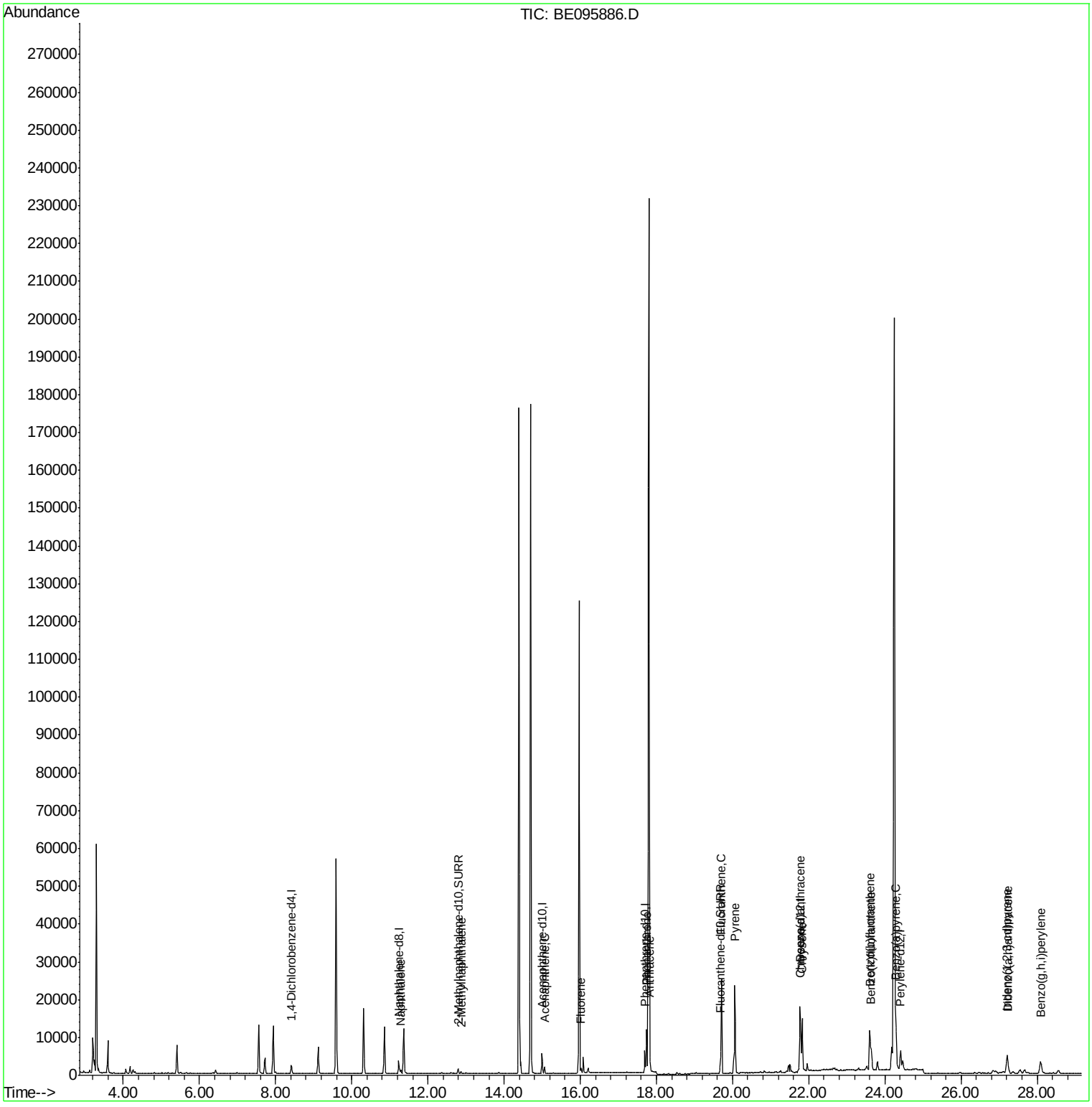

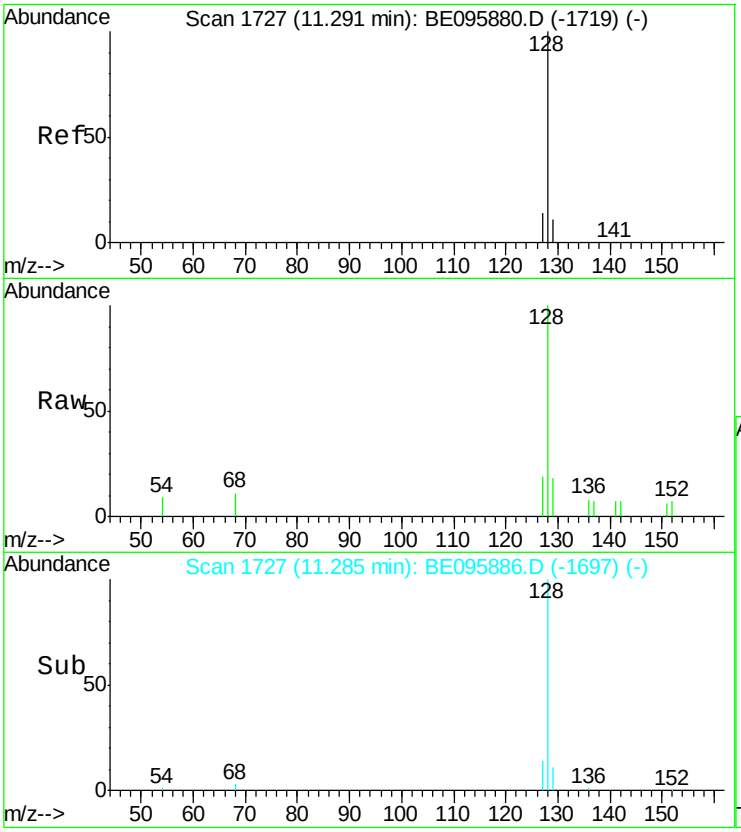

#3
Naphthalene
Concen: 0.091 ng/ul
RT: 11.29 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:128 Resp: 1163

Ion	Ratio	Lower	Upper
128	100		
129	18.3	11.3	16.9#
127	19.1	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AS6

Manual Integrations APPROVED
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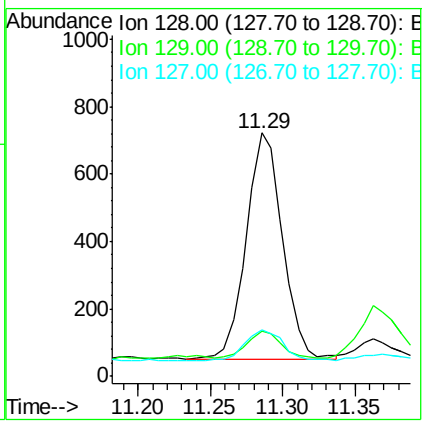
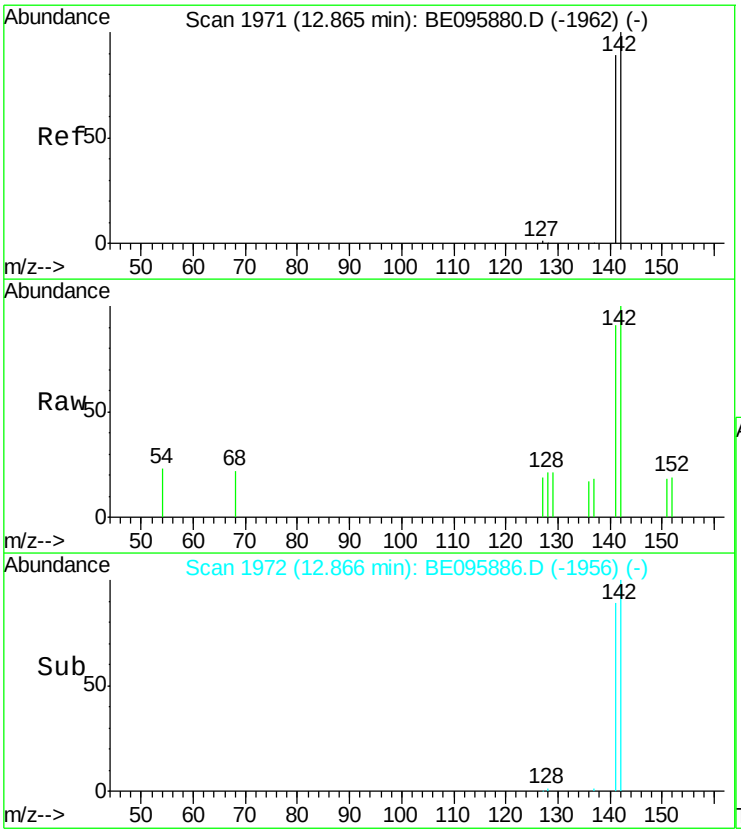
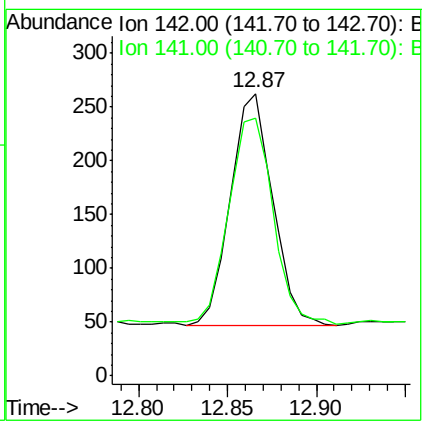


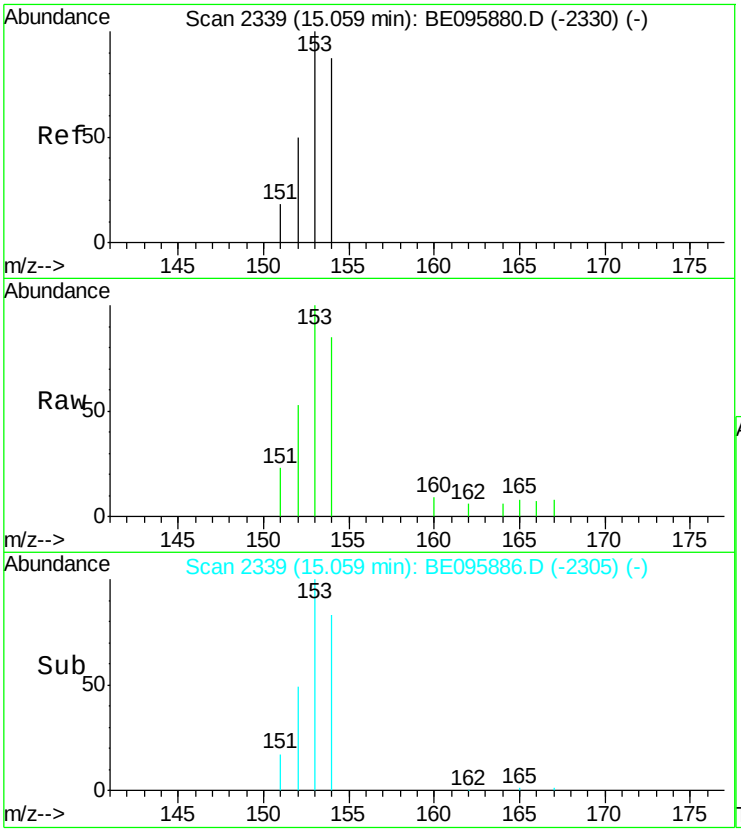


#5
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.87 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:142 Resp: 354

Ion	Ratio	Lower	Upper
142	100		
141	93.5	72.6	108.8

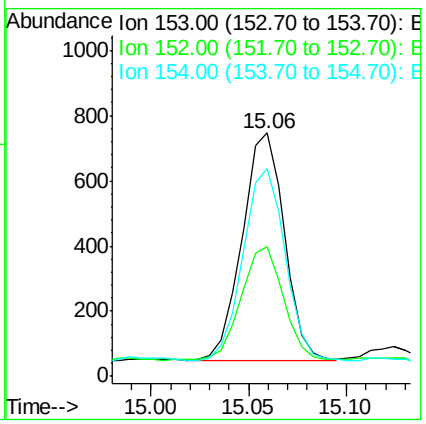




#8
Acenaphthene
Concen: 0.092 ng/ul
RT: 15.06 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:153 Resp: 1039

Ion	Ratio	Lower	Upper
153	100		
152	53.1	36.0	54.0
154	85.4	72.0	108.0



Instrument :
BNA_E
ClientSampleId :
C0AS6

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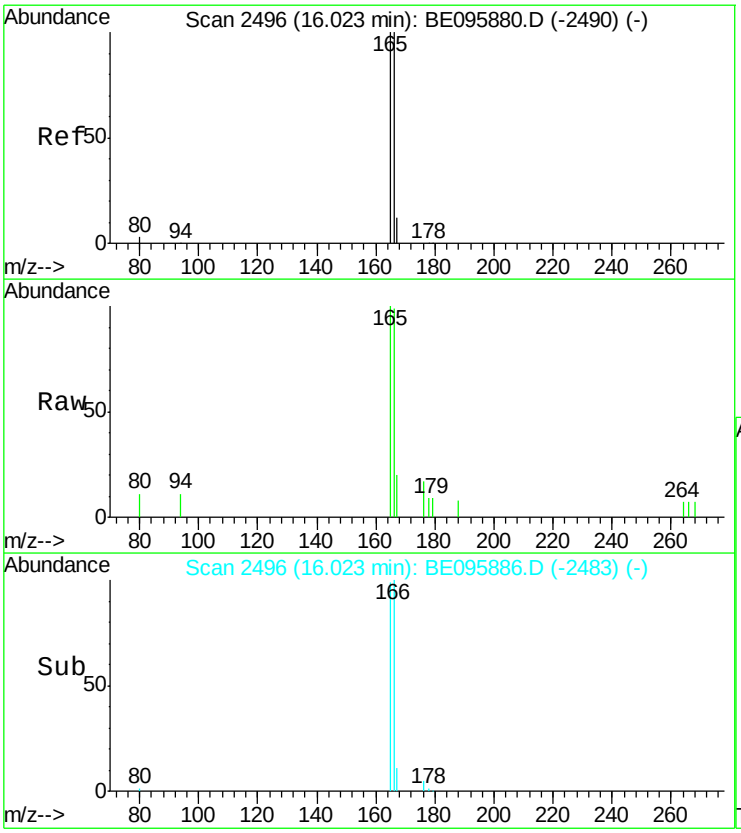
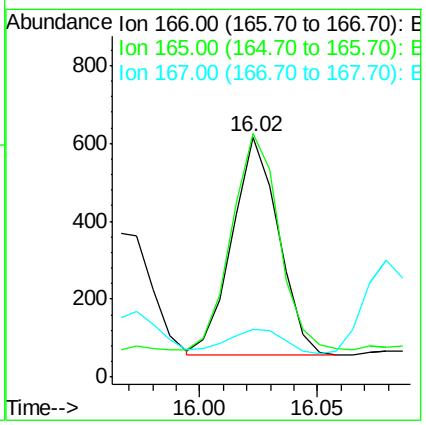
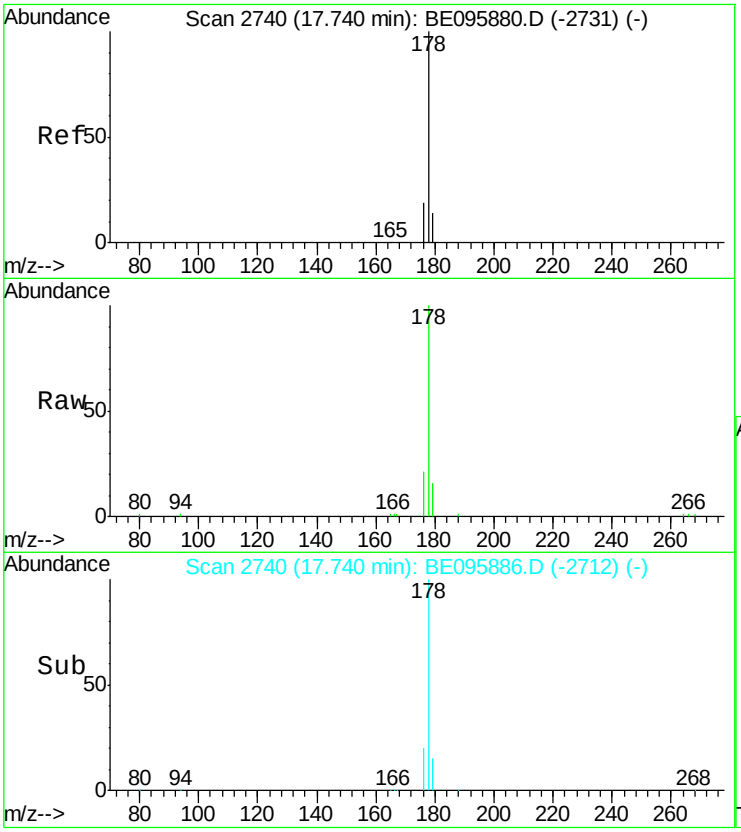


#9
Fluorene
Concen: 0.063 ng/ul
RT: 16.02 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:166 Resp: 765

Ion	Ratio	Lower	Upper
166	100		
165	101.3	73.4	110.2
167	19.9	14.6	22.0





#12
Phenanthrene
Concen: 0.561 ng/ul m
RT: 17.74 min Scan# 2740
Delta R.T. -0.00 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:178 Resp: 12363

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.4	27.6#
176	20.7	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
C0AS6

Manual Integrations APPROVED
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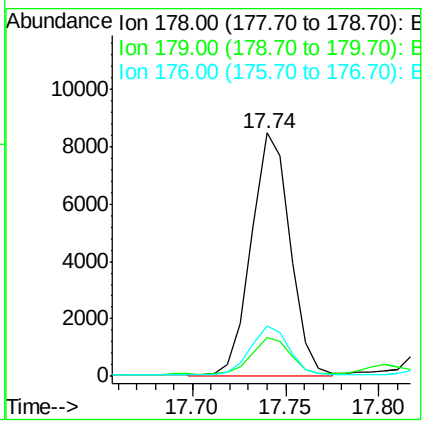
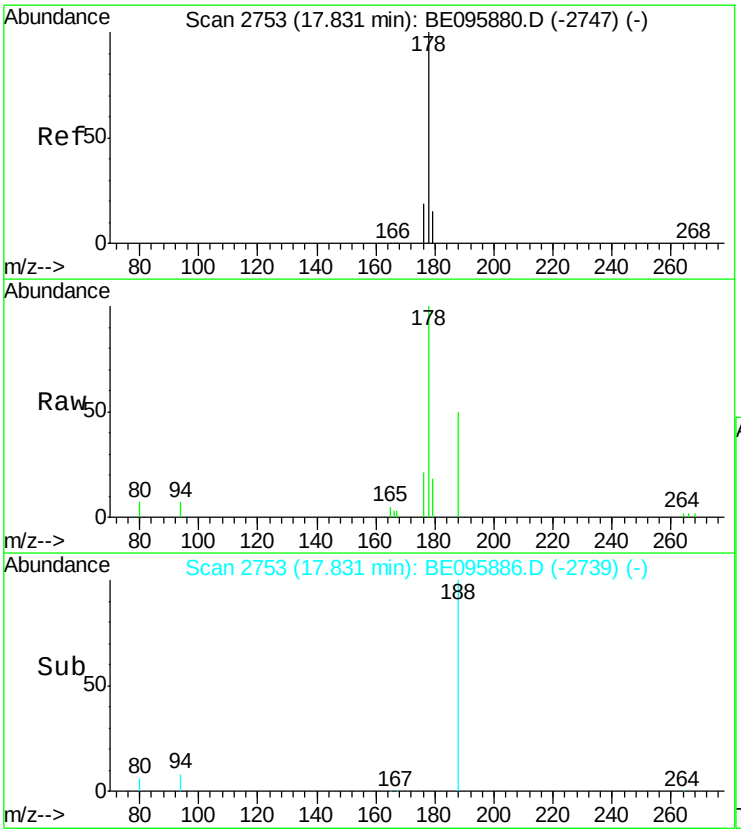
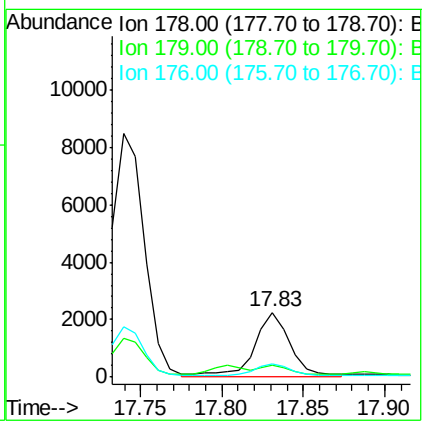


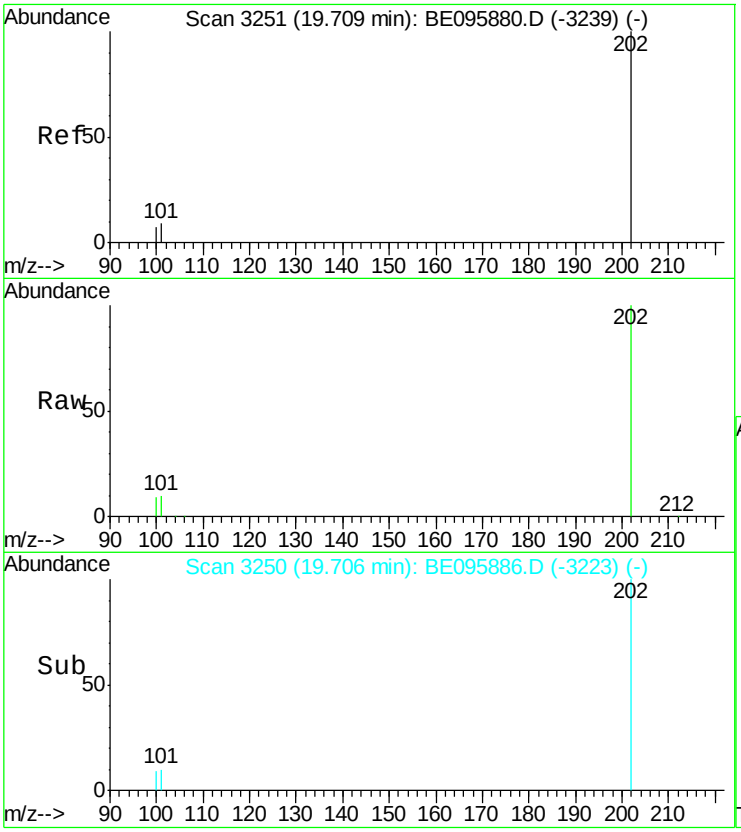


#13
Anthracene
Concen: 0.174 ng/ul m
RT: 17.83 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:178 Resp: 3580

Ion	Ratio	Lower	Upper
178	100		
179	17.8	18.1	27.1#
176	21.5	14.7	22.1





#15
Fluoranthene
Concen: 1.085 ng/ul m
RT: 19.71 min Scan# 3250
Delta R.T. -0.00 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:202 Resp: 28987

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.3
100	8.8	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
C0AS6

Manual Integrations APPROVED
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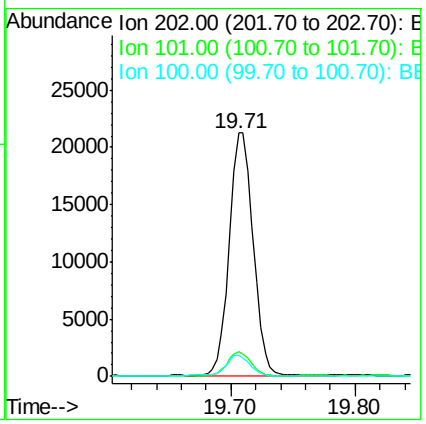
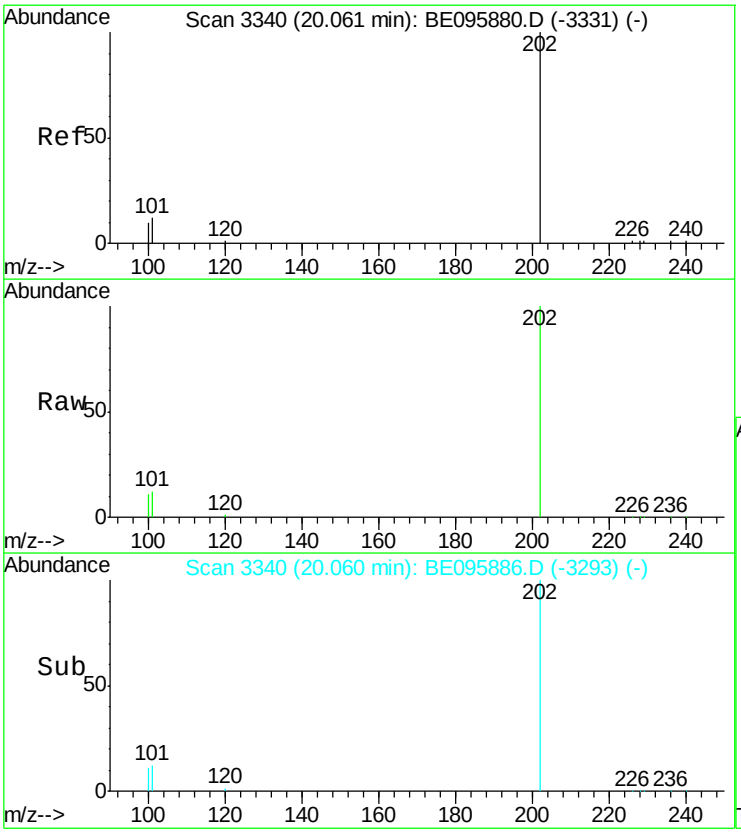
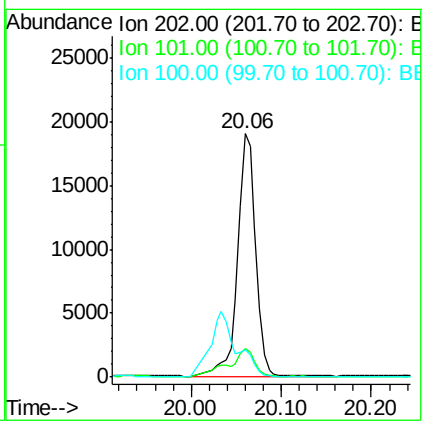


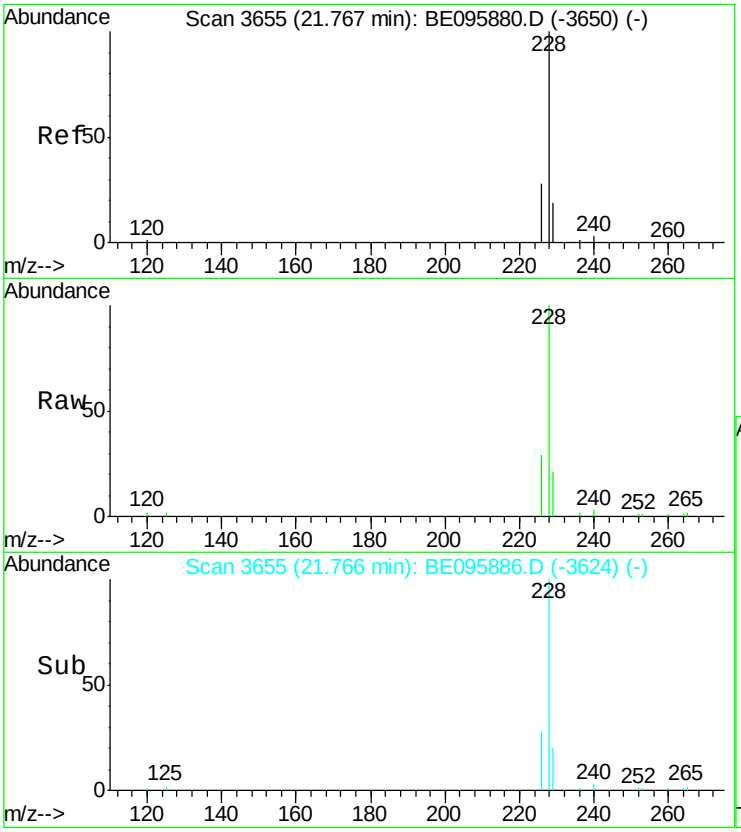


#17
Pyrene
Concen: 1.013 ng/ul
RT: 20.06 min Scan# 3340
Delta R.T. -0.00 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:202 Resp: 28996

Ion	Ratio	Lower	Upper
202	100		
101	11.9	18.2	27.4#
100	11.0	15.6	23.4#

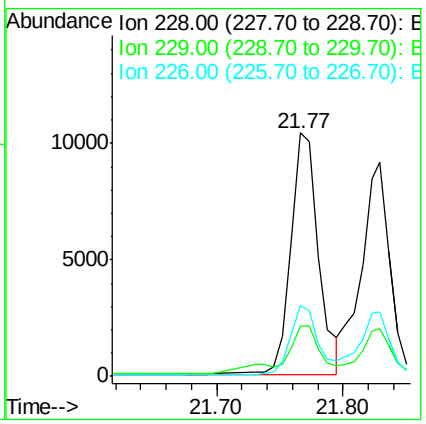




#18
Benzo(a)anthracene
Concen: 0.768 ng/ul
RT: 21.77 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:228 Resp: 18671

Ion	Ratio	Lower	Upper
228	100		
229	20.9	22.8	34.2#
226	29.0	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
C0AS6

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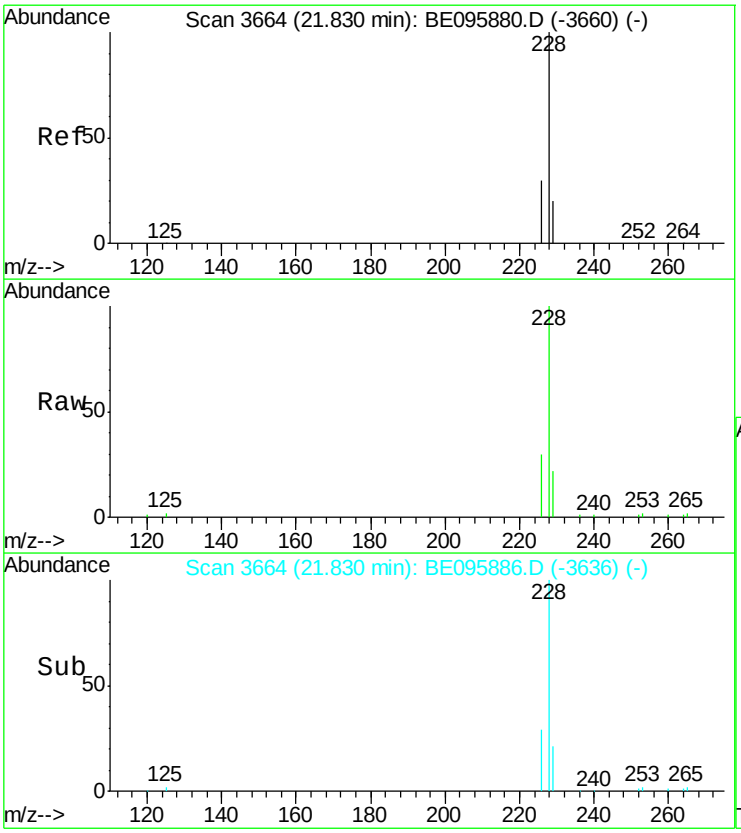
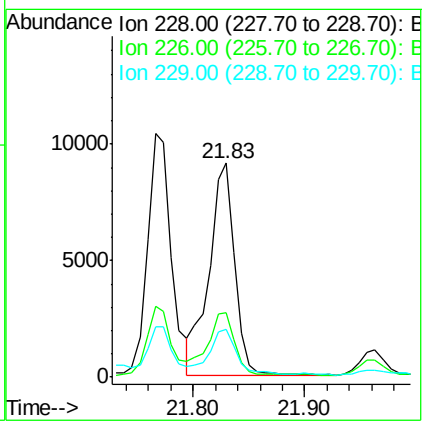
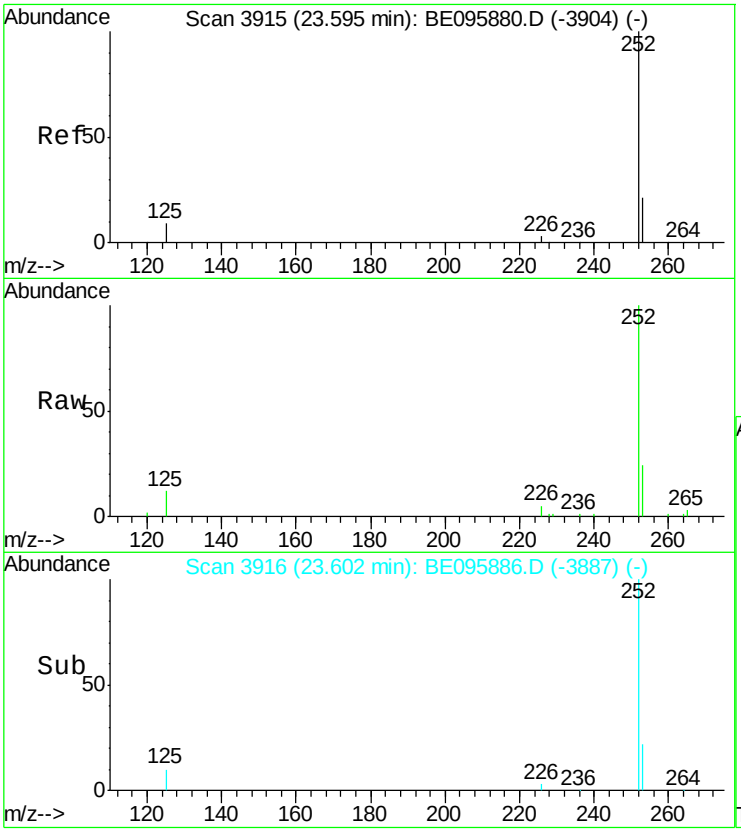


#19
Chrysene
Concen: 0.594 ng/ul
RT: 21.83 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:228 Resp: 14717

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	22.4	17.7	26.5

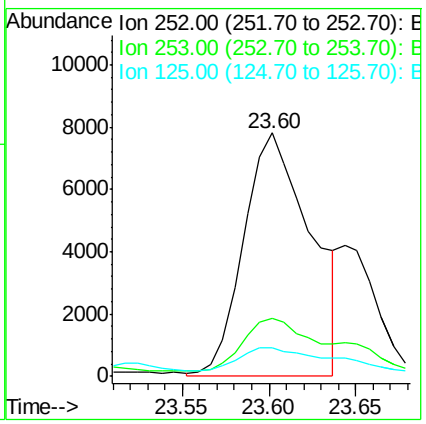




#21
Benzo(b)fluoranthene
Concen: 0.769 ng/ul m
RT: 23.60 min Scan# 3916
Delta R.T. 0.01 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:252 Resp: 21093

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	64.2
125	11.8	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
C0AS6

Manual Integrations APPROVED
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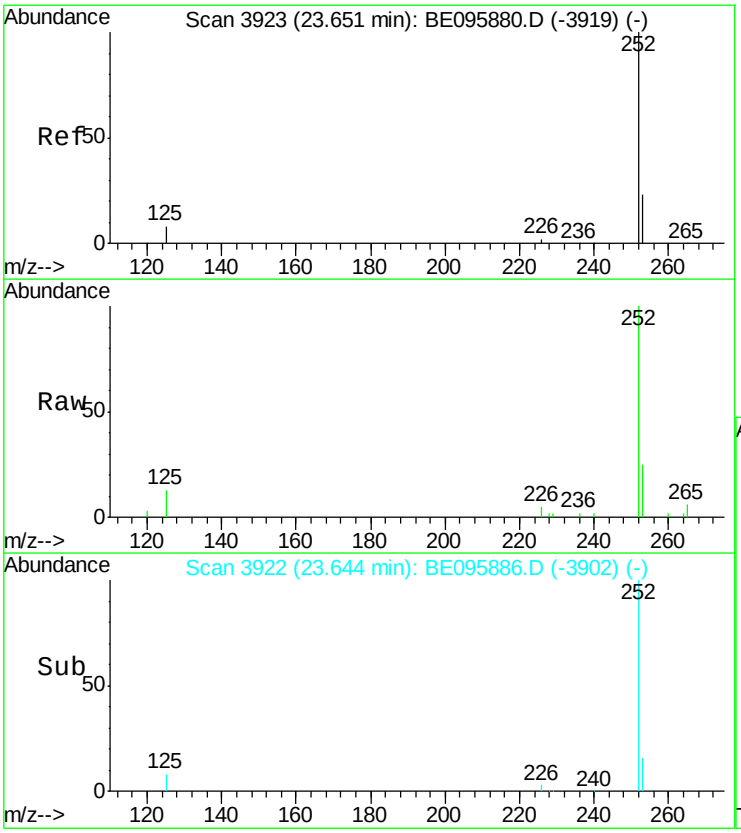
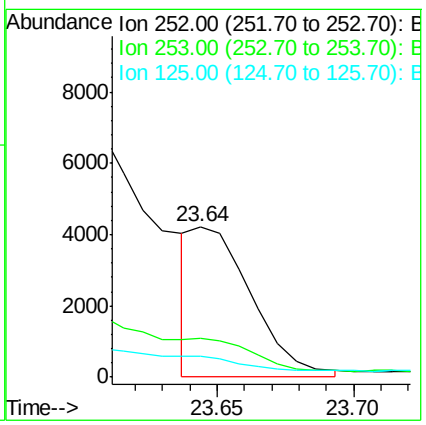
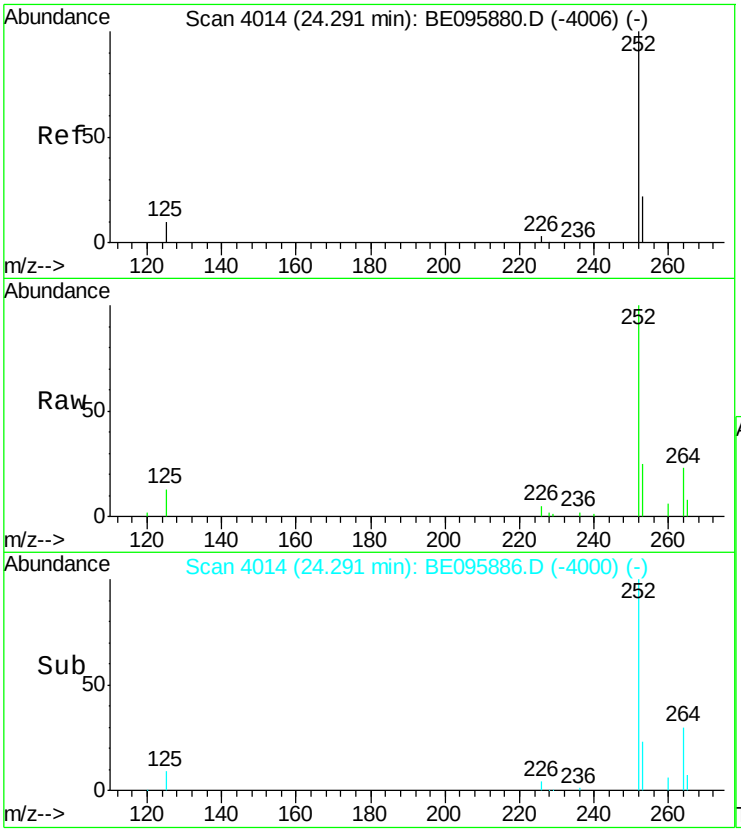


#22
Benzo(k)fluoranthene
Concen: 0.243 ng/ul m
RT: 23.64 min Scan# 3922
Delta R.T. -0.01 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:252 Resp: 6341

Ion	Ratio	Lower	Upper
252	100		
253	25.5	24.5	36.7
125	13.5	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.609 ng/ul
RT: 24.29 min Scan# 4014
Delta R.T. -0.00 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:252 Resp: 15244

Ion	Ratio	Lower	Upper
252	100		
253	24.7	28.5	42.7#
125	13.1	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
C0AS6

Manual Integrations APPROVED
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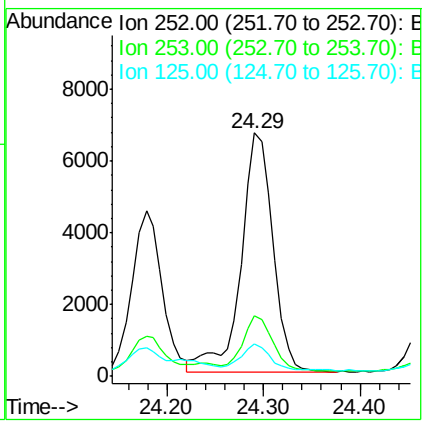
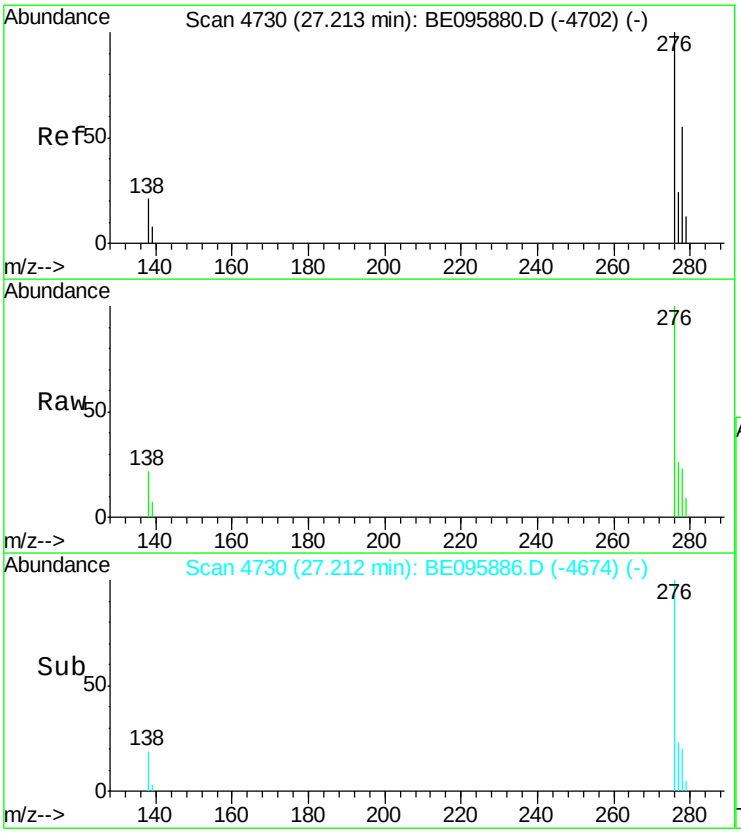
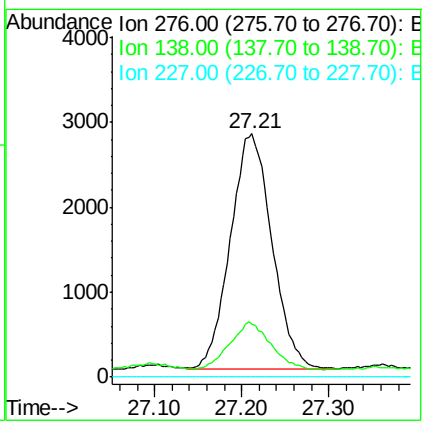


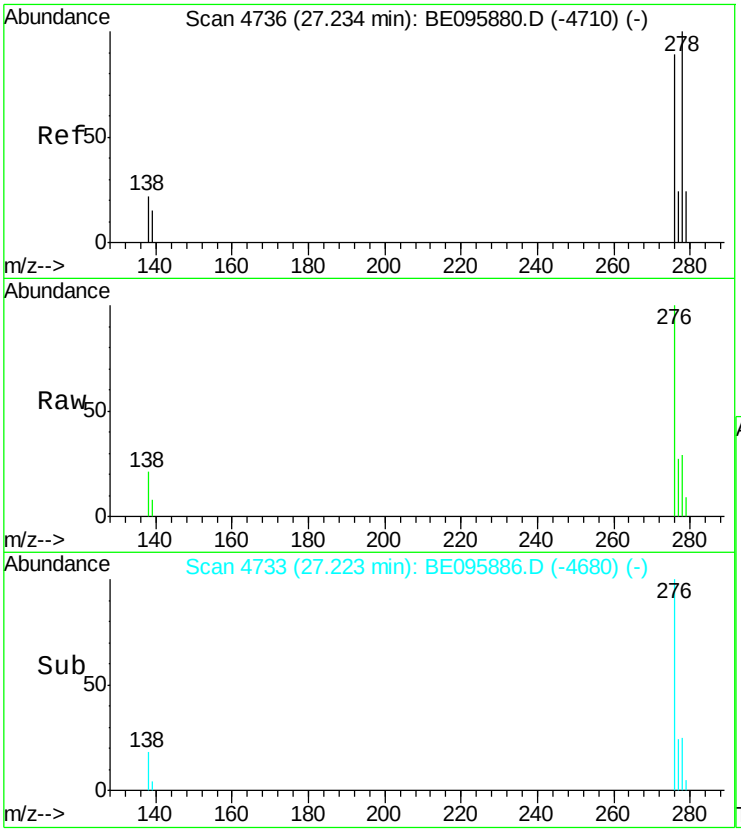


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.330 ng/ul
RT: 27.21 min Scan# 4730
Delta R.T. -0.00 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:276 Resp: 9157

Ion	Ratio	Lower	Upper
276	100		
138	20.5	28.0	42.0#
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 27.22 min Scan# 4733
Delta R.T. -0.01 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:278 Resp: 2474

Ion	Ratio	Lower	Upper
278	100		
139	26.5	17.4	26.0#
279	32.4	25.9	38.9

Instrument :
BNA_E
ClientSampleId :
C0AS6

Manual Integrations APPROVED
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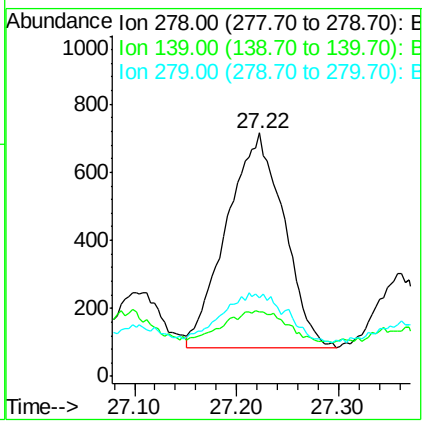

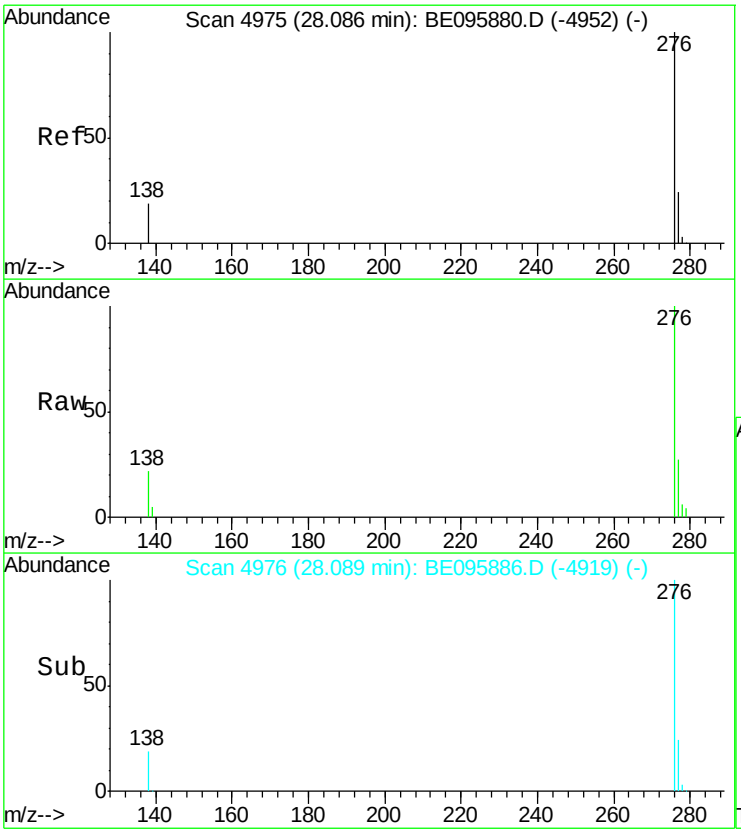

#26
Benzo(g,h,i)perylene
Concen: 0.350 ng/ul
RT: 28.09 min Scan# 4976
Delta R.T. 0.00 min
Lab File: BE095886.D
Acq: 28 Mar 2018 20:42

Tgt Ion:276 Resp: 8351

Ion	Ratio	Lower	Upper
276	100		
138	22.3	21.8	32.8
277	26.7	20.5	30.7