Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096187.D
Acq On : 26 Apr 2018 19:56
Operator : SJ/JU
Sample : J2449-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AE1

Manual Integrations APPROVED
Sohil
4/27/2018 7:29:26 PM

Quant Time: Apr 27 05:40:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 04:45:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	722	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2957	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1717	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	3869m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	5291m	0.40	ng/ul	0.00
20) Perylene-d12	24.36	264	3612m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1571	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	4603m	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.23	128	530	0.064	ng/ul#	68
5) 2-Methylnaphthalene	12.81	142	333	0.060	ng/ul	96
8) Acenaphthene	15.01	153	222	0.035	ng/ul#	81
9) Fluorene	15.98	166	334	0.040	ng/ul#	81
12) Phenanthrene	17.70	178	6445m	0.566	ng/ul	
13) Anthracene	17.79	178	1208m	0.106	ng/ul	
15) Fluoranthene	19.67	202	14625m	0.840	ng/ul	
17) Pyrene	20.02	202	9328m	0.879	ng/ul	
18) Benzo(a)anthracene	21.73	228	4810m	0.300	ng/ul	
19) Chrysene	21.79	228	6317m	0.429	ng/ul	
21) Benzo(b)fluoranthene	23.55	252	8300m	0.607	ng/ul	
22) Benzo(k)fluoranthene	23.60	252	2619m	0.200	ng/ul	
23) Benzo(a)pyrene	24.24	252	5301m	0.446	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.14	276	3801m	0.237	ng/ul	
25) Dibenzo(a,h)anthracene	27.14	278	1135m	0.085	ng/ul	
26) Benzo(g,h,i)perylene	28.00	276	3197m	0.229	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
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Misc :
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Quant Time: Apr 27 05:40:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 04:45:57 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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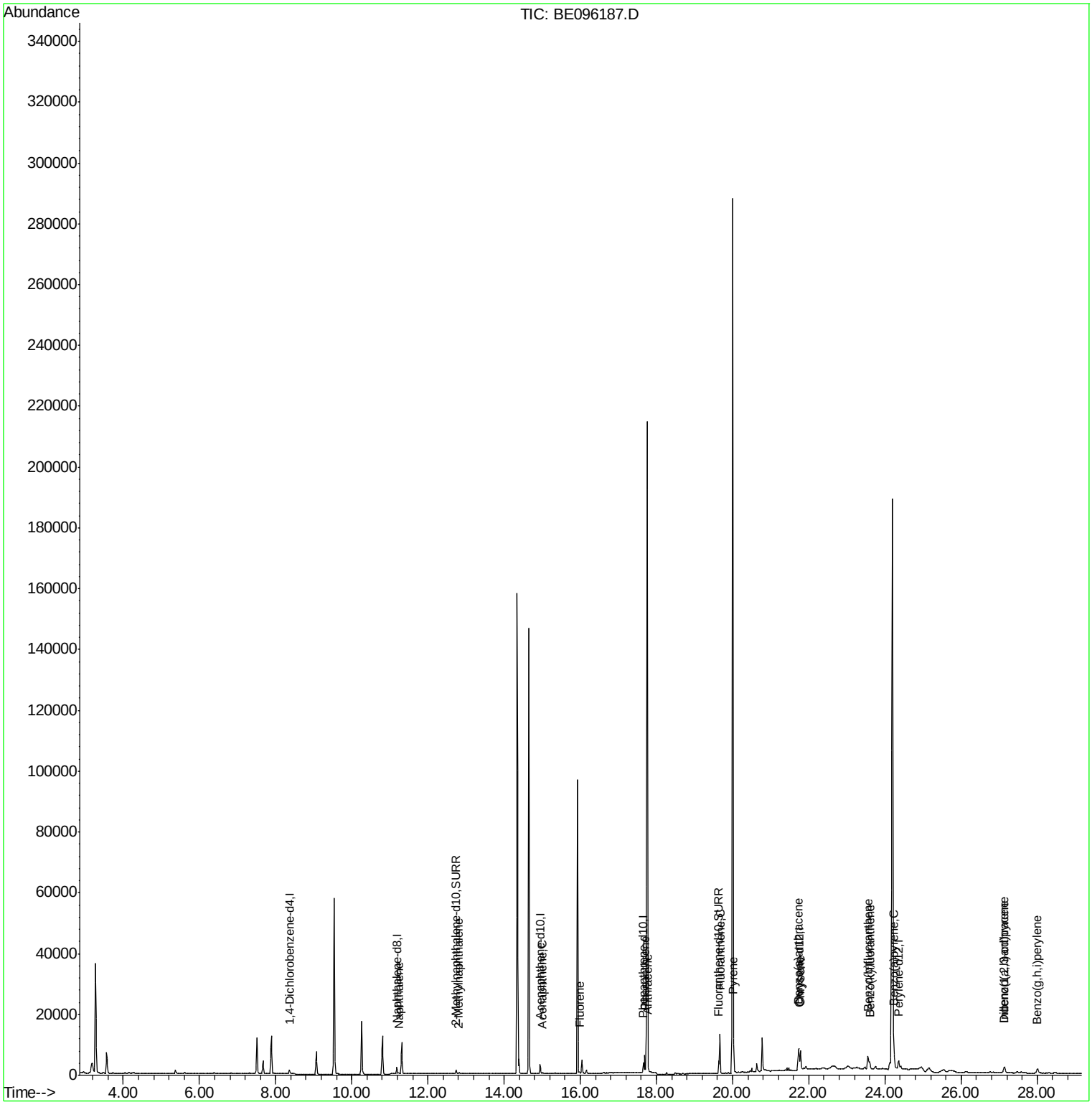

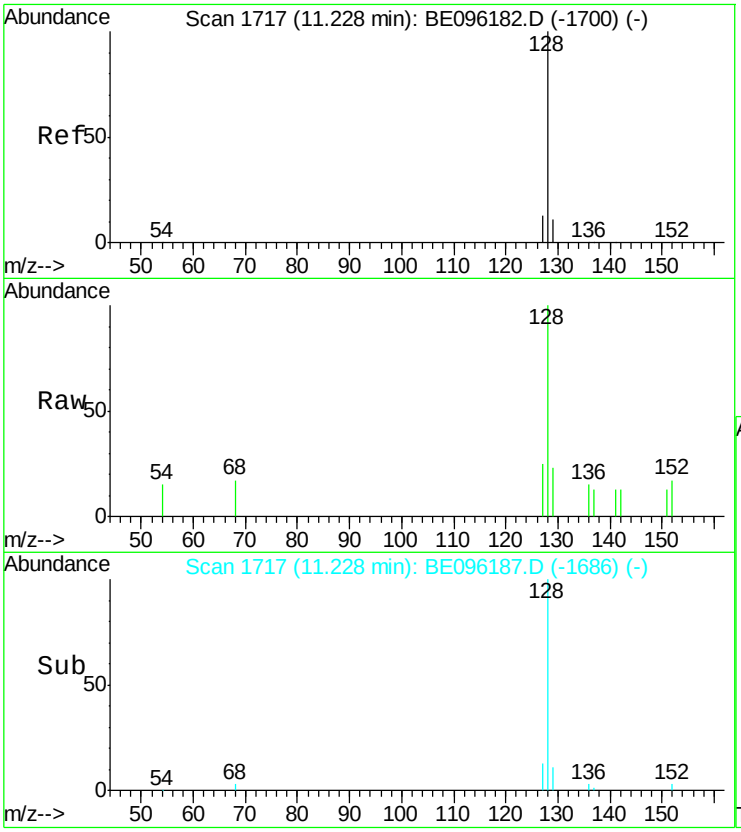

#3
Naphthalene
Concen: 0.064 ng/ul
RT: 11.23 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:128 Resp: 530

Ion	Ratio	Lower	Upper
128	100		
129	23.4	11.3	16.9#
127	24.5	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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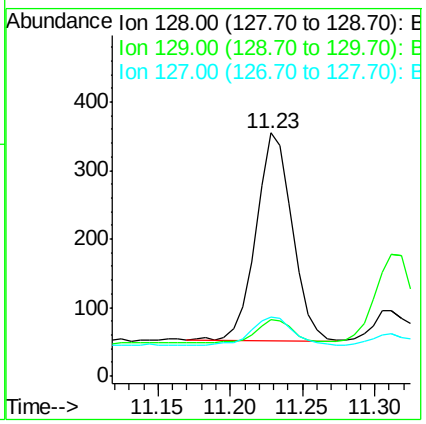
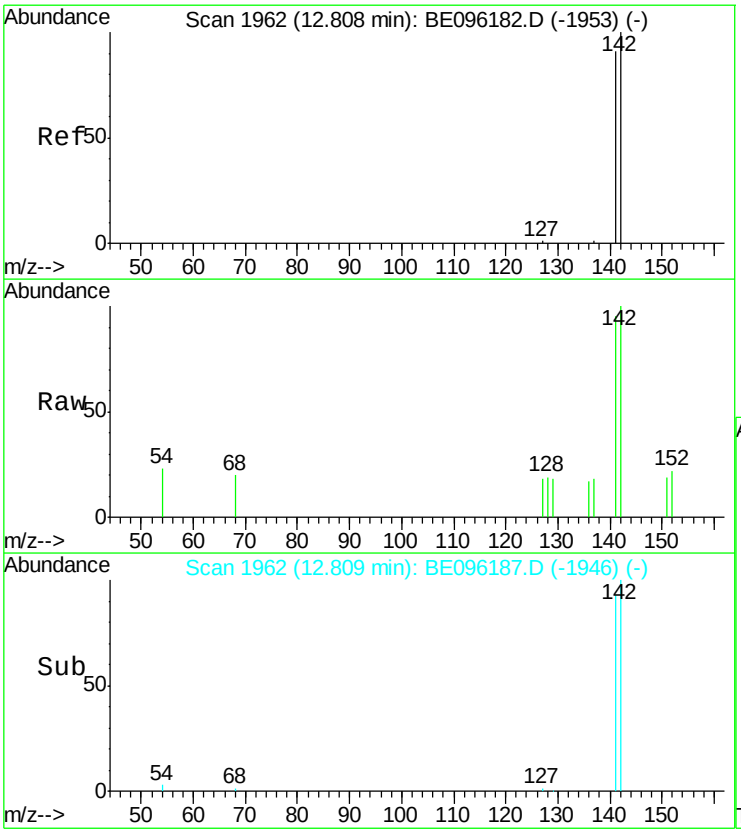
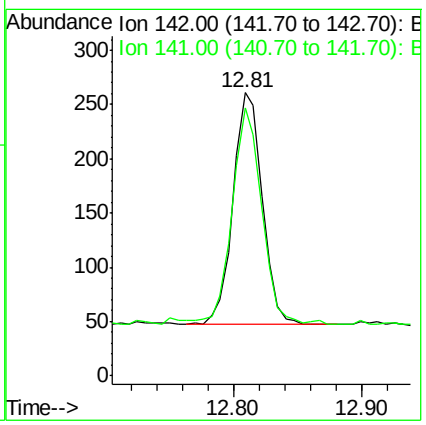


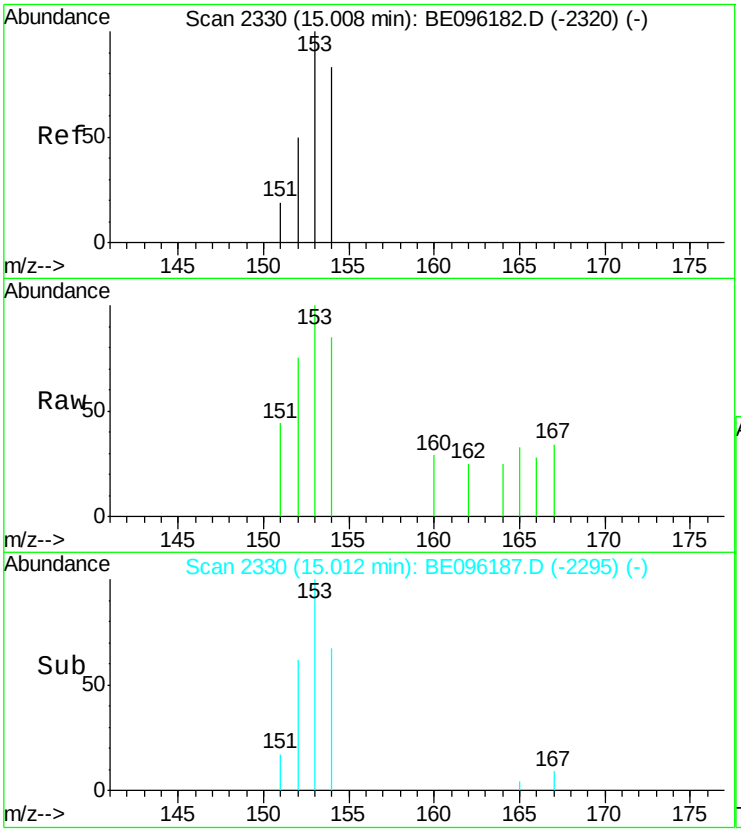


#5
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.81 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:142 Resp: 333

Ion	Ratio	Lower	Upper
142	100		
141	94.9	72.6	108.8





#8
Acenaphthene
Concen: 0.035 ng/ul
RT: 15.01 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:153 Resp: 222

Ion	Ratio	Lower	Upper
153	100		
152	74.9	36.0	54.0#
154	84.6	72.0	108.0

Instrument :
BNA_E
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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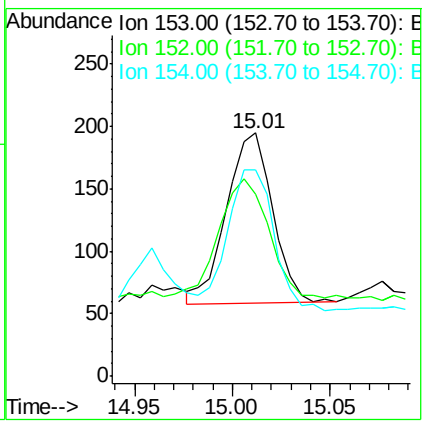
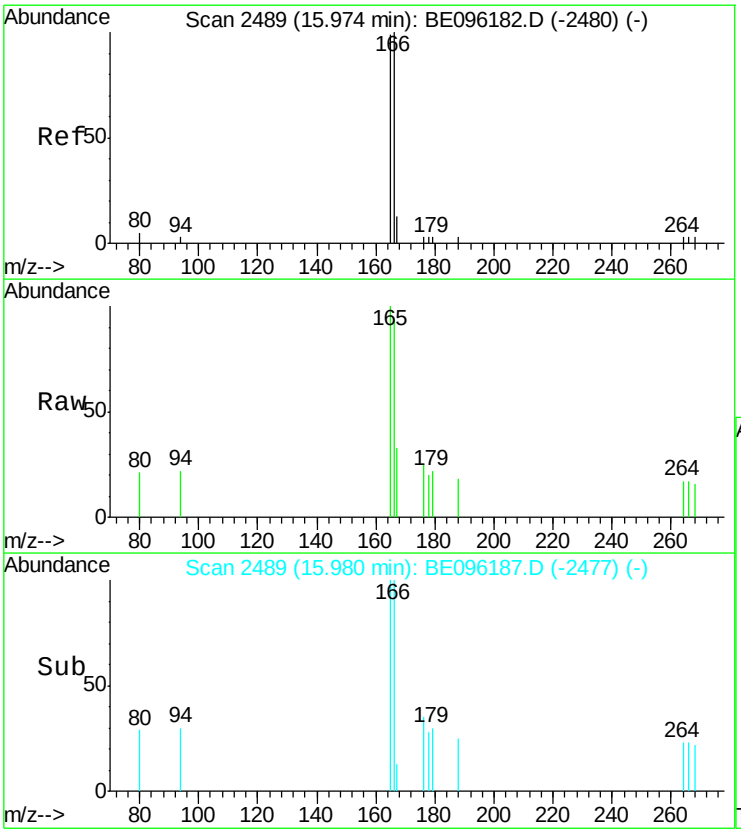
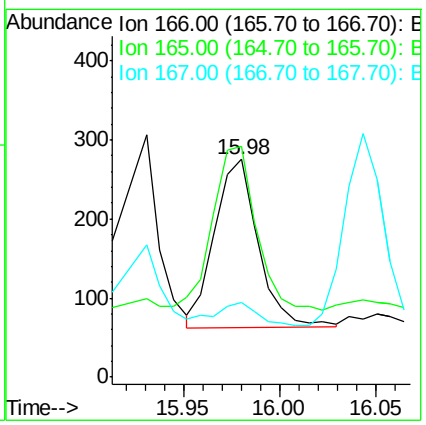


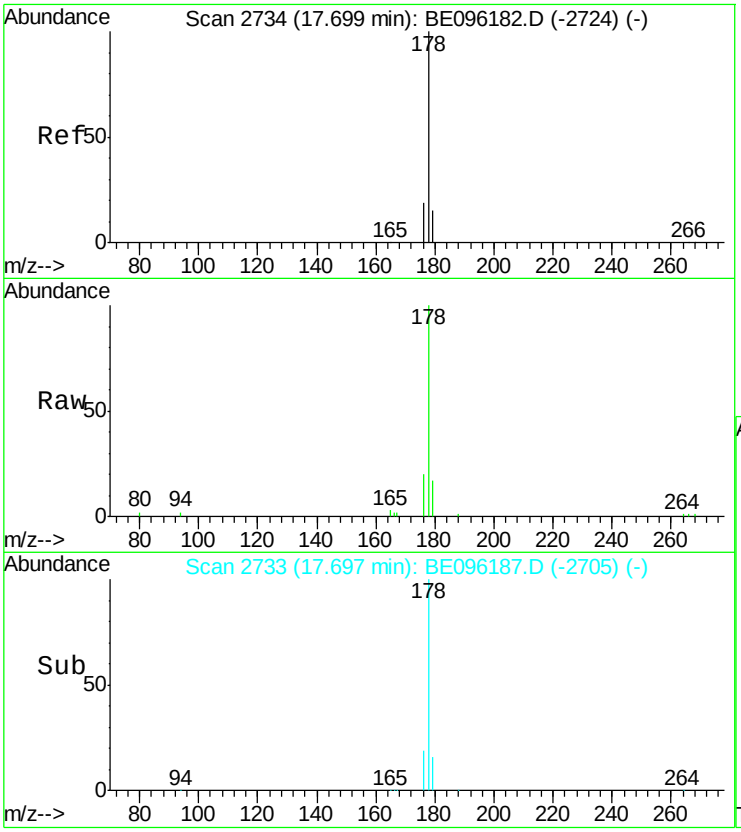


#9
Fluorene
Concen: 0.040 ng/ul
RT: 15.98 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:166 Resp: 334

Ion	Ratio	Lower	Upper
166	100		
165	106.2	73.4	110.2
167	34.5	14.6	22.0#





#12
Phenanthrene
Concen: 0.566 ng/ul m
RT: 17.70 min Scan# 2733
Delta R.T. -0.00 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:178 Resp: 6445

Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.4	27.6#
176	20.5	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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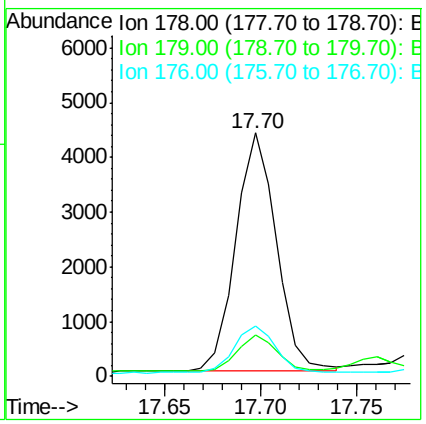
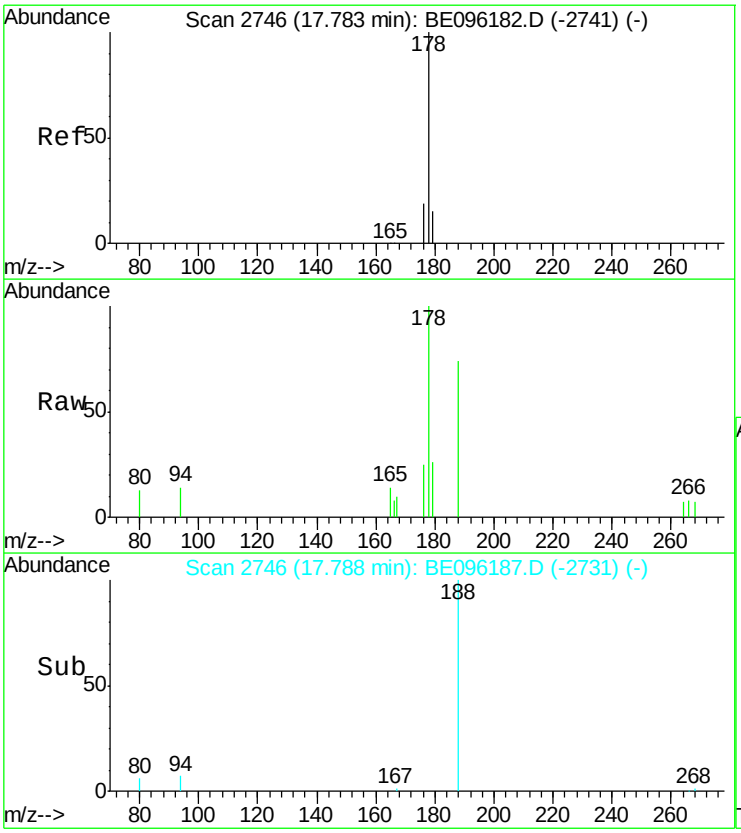
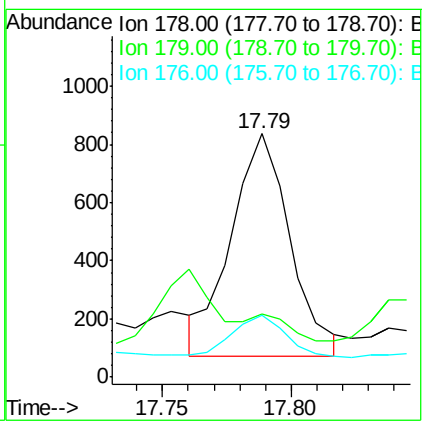


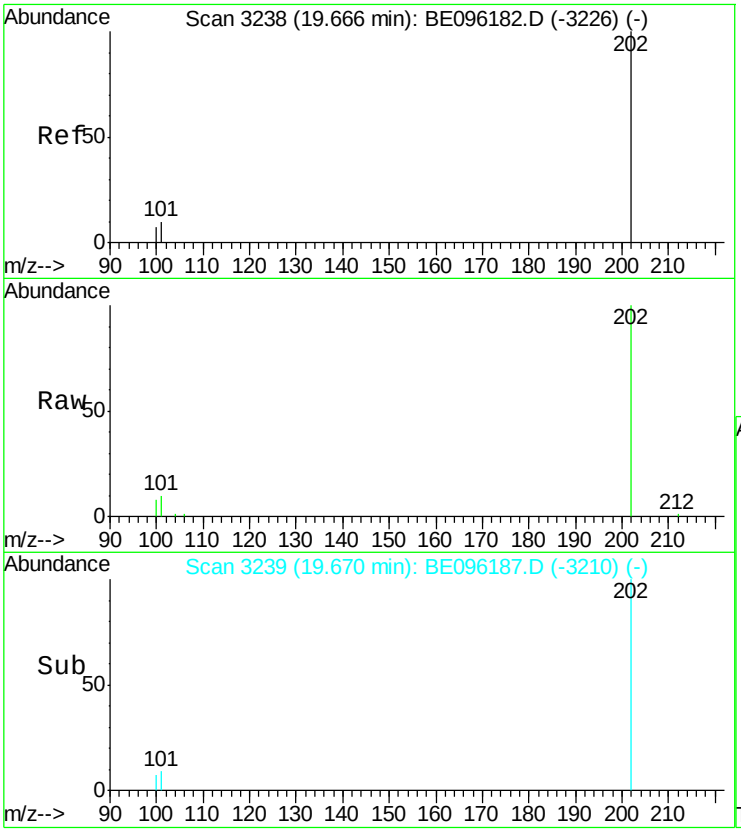


#13
Anthracene
Concen: 0.106 ng/ul m
RT: 17.79 min Scan# 2746
Delta R.T. 0.01 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:178 Resp: 1208

Ion	Ratio	Lower	Upper
178	100		
179	25.7	18.1	27.1
176	25.2	14.7	22.1#

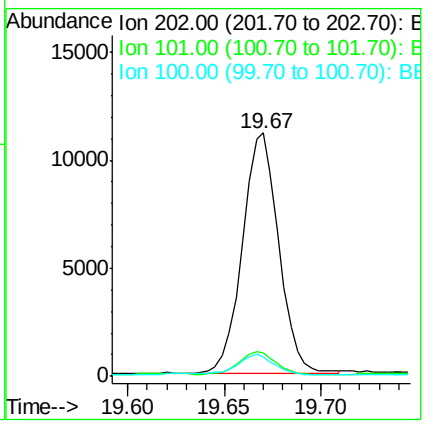




#15
Fluoranthene
Concen: 0.840 ng/ul m
RT: 19.67 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:202 Resp: 14625

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.3
100	8.1	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
C0AE1

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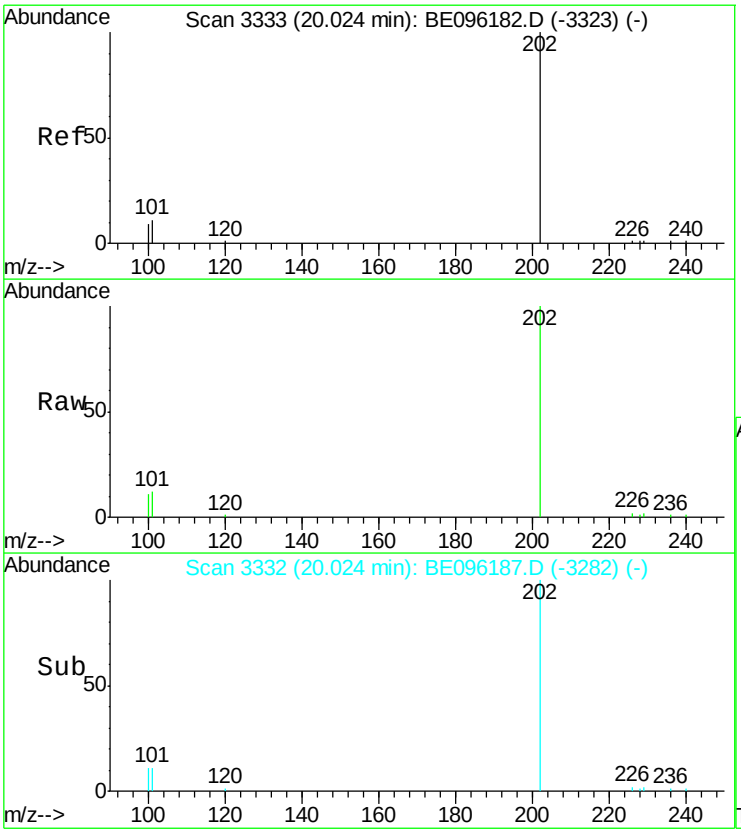
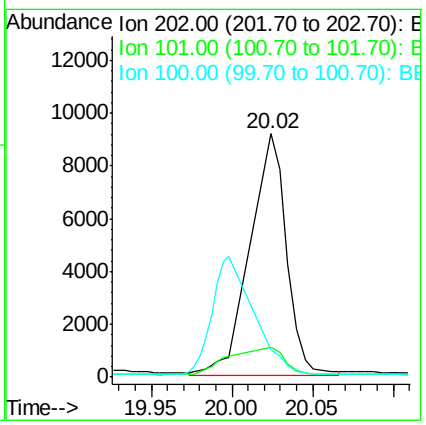
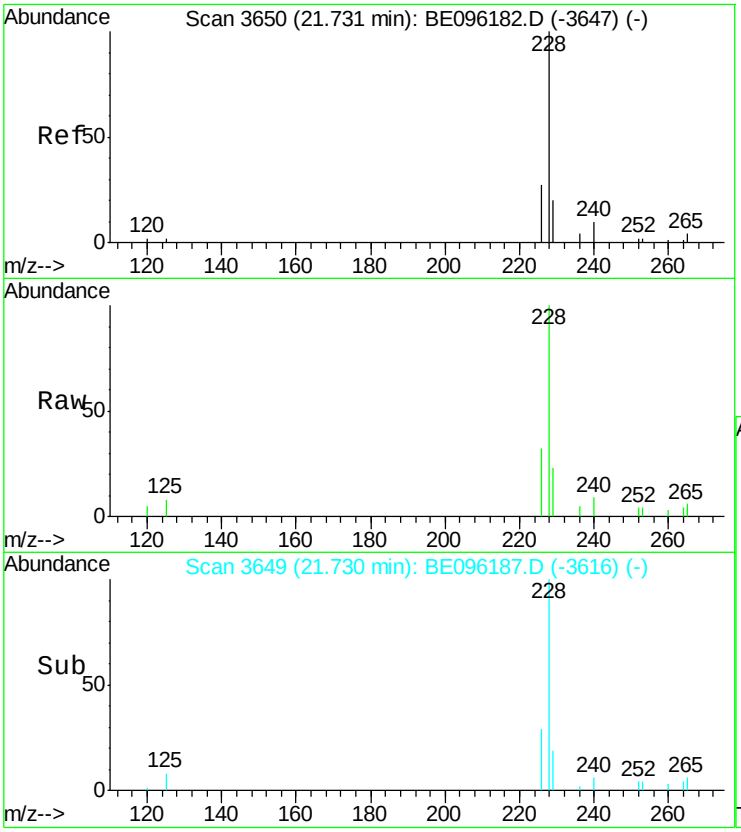


#17
Pyrene
Concen: 0.879 ng/ul m
RT: 20.02 min Scan# 3332
Delta R.T. -0.00 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:202 Resp: 9328

Ion	Ratio	Lower	Upper
202	100		
101	12.2	18.2	27.4#
100	11.4	15.6	23.4#

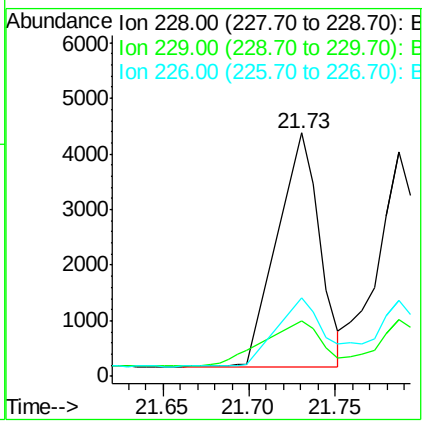




#18
Benzo(a)anthracene
Concen: 0.300 ng/ul m
RT: 21.73 min Scan# 3649
Delta R.T. -0.00 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:228 Resp: 4810

Ion	Ratio	Lower	Upper
228	100		
229	22.7	22.8	34.2#
226	32.4	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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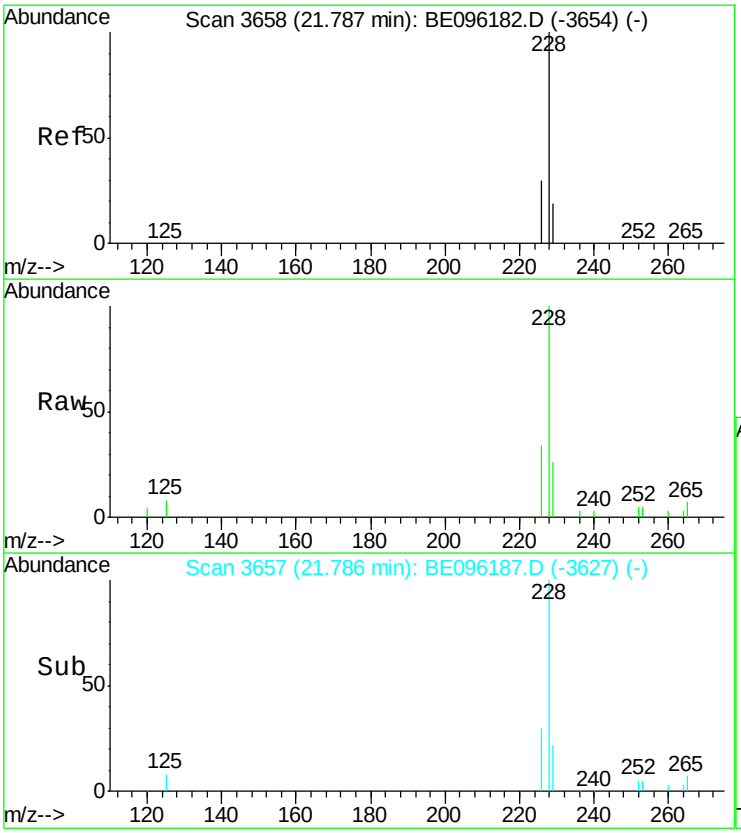
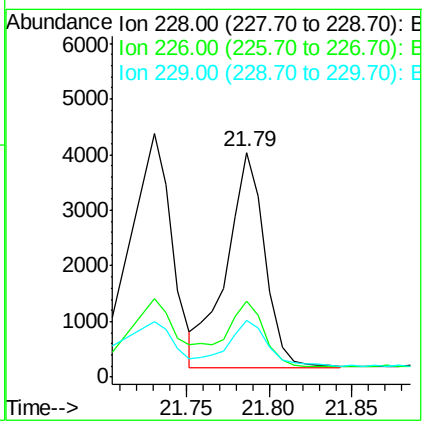
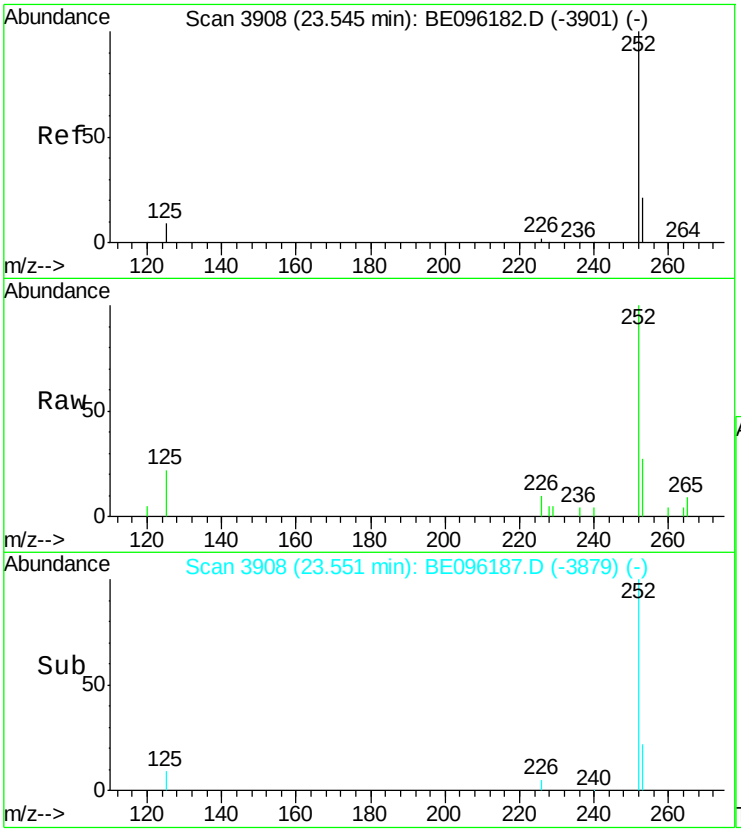


#19
Chrysene
Concen: 0.429 ng/ul m
RT: 21.79 min Scan# 3657
Delta R.T. -0.00 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:228 Resp: 6317

Ion	Ratio	Lower	Upper
228	100		
226	33.6	23.4	35.0
229	25.5	17.7	26.5

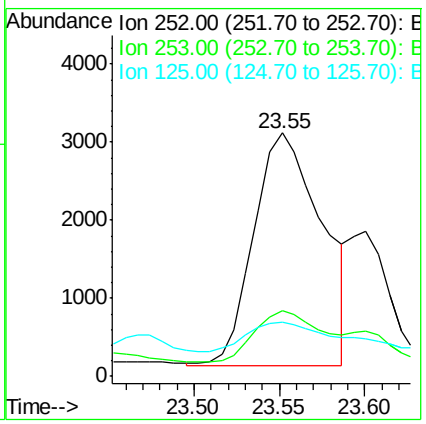




#21
Benzo(b)fluoranthene
Concen: 0.607 ng/ul m
RT: 23.55 min Scan# 3908
Delta R.T. 0.01 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:252 Resp: 8300

Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	64.2
125	22.0	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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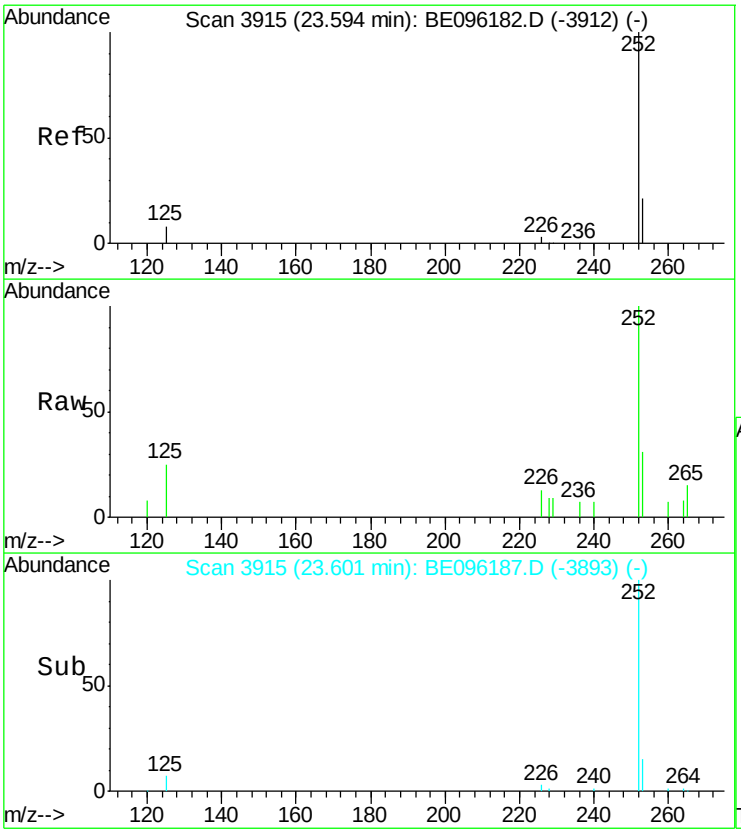
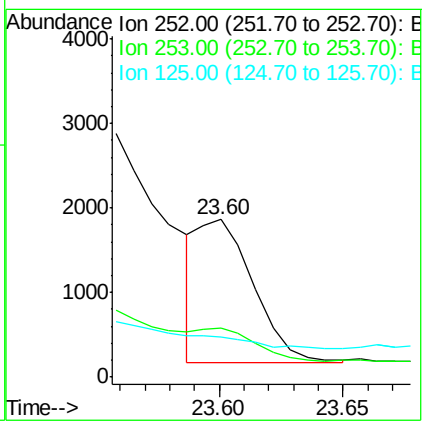
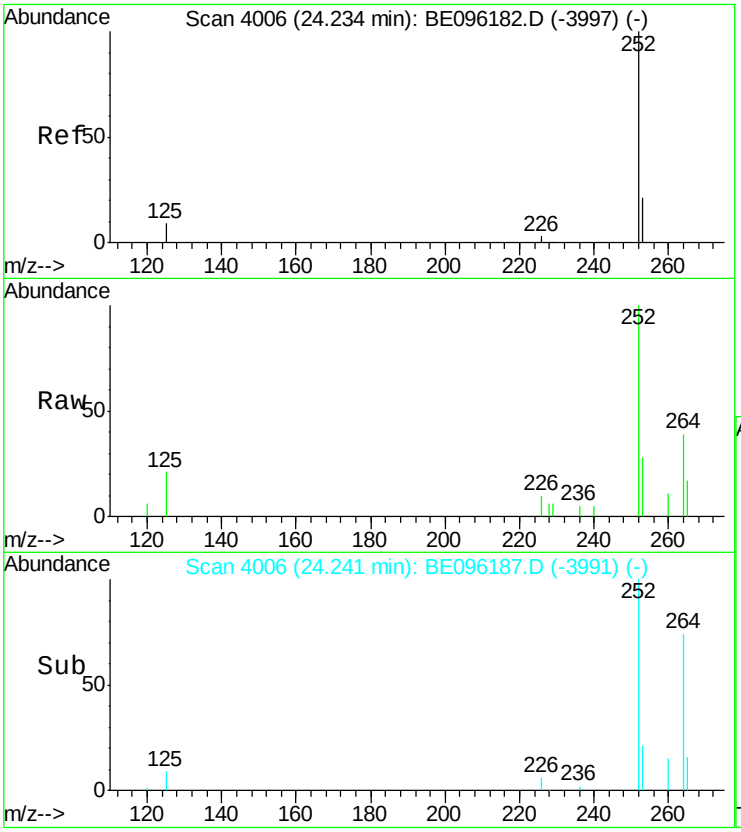


#22
Benzo(k)fluoranthene
Concen: 0.200 ng/ul m
RT: 23.60 min Scan# 3915
Delta R.T. 0.01 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:252 Resp: 2619

Ion	Ratio	Lower	Upper
252	100		
253	31.1	24.5	36.7
125	25.4	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.446 ng/ul m
RT: 24.24 min Scan# 4006
Delta R.T. 0.01 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:252 Resp: 5301

Ion	Ratio	Lower	Upper
252	100		
253	27.8	28.5	42.7#
125	20.8	18.1	27.1

Instrument :
BNA_E
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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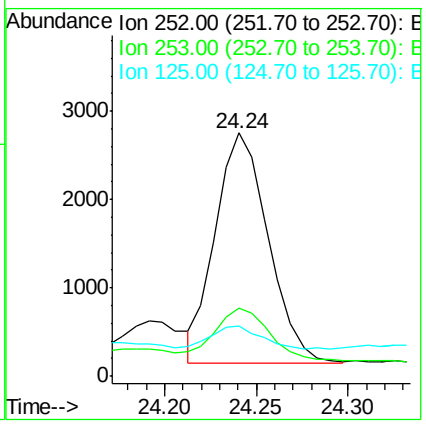
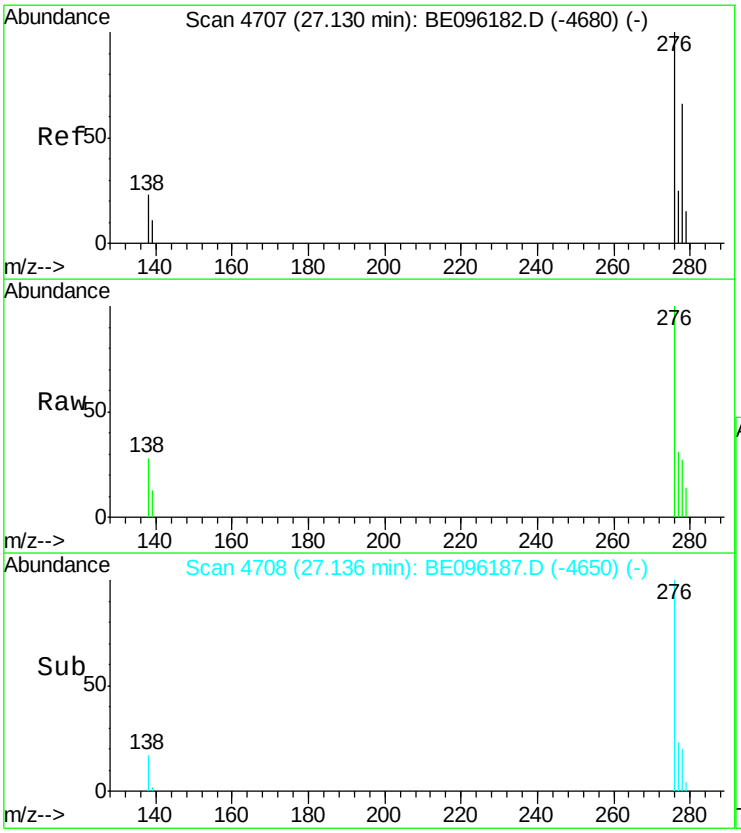
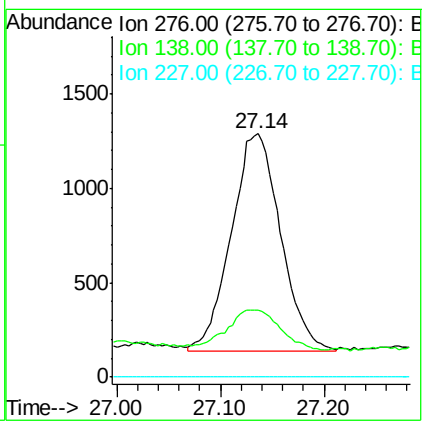


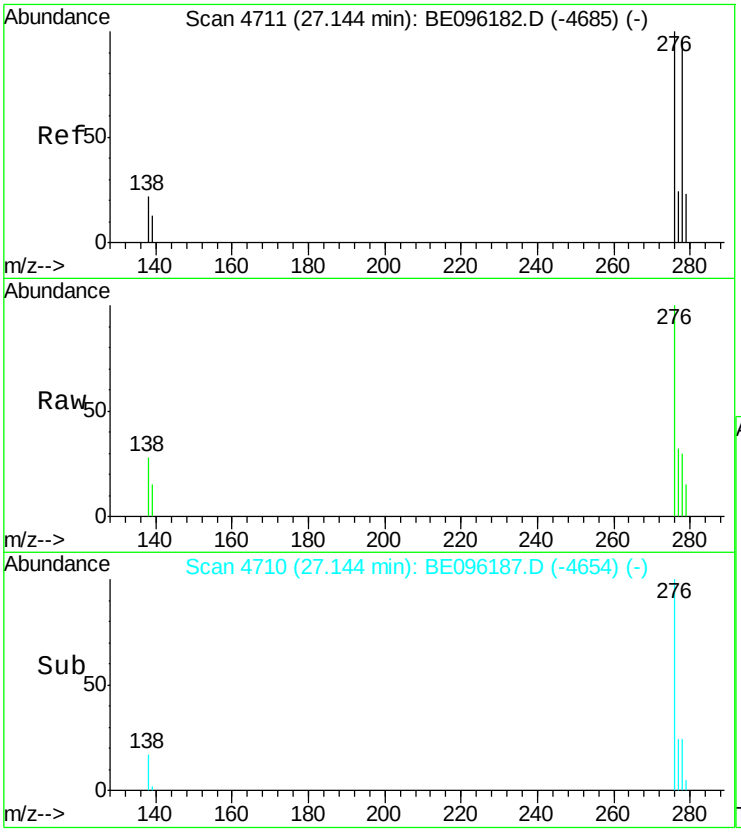


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.237 ng/ul m
RT: 27.14 min Scan# 4708
Delta R.T. 0.01 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:276 Resp: 3801

Ion	Ratio	Lower	Upper
276	100		
138	0.2	28.0	42.0#
227	0.0	8.0	12.0#





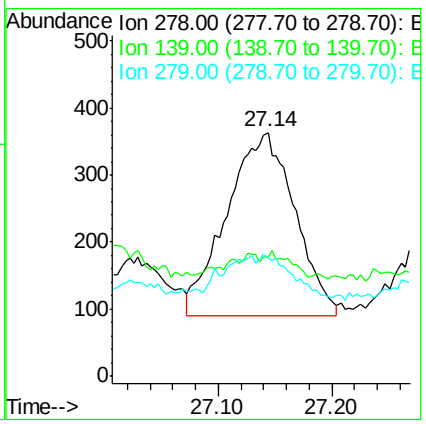
#25
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul m
RT: 27.14 min Scan# 4710
Delta R.T. -0.00 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

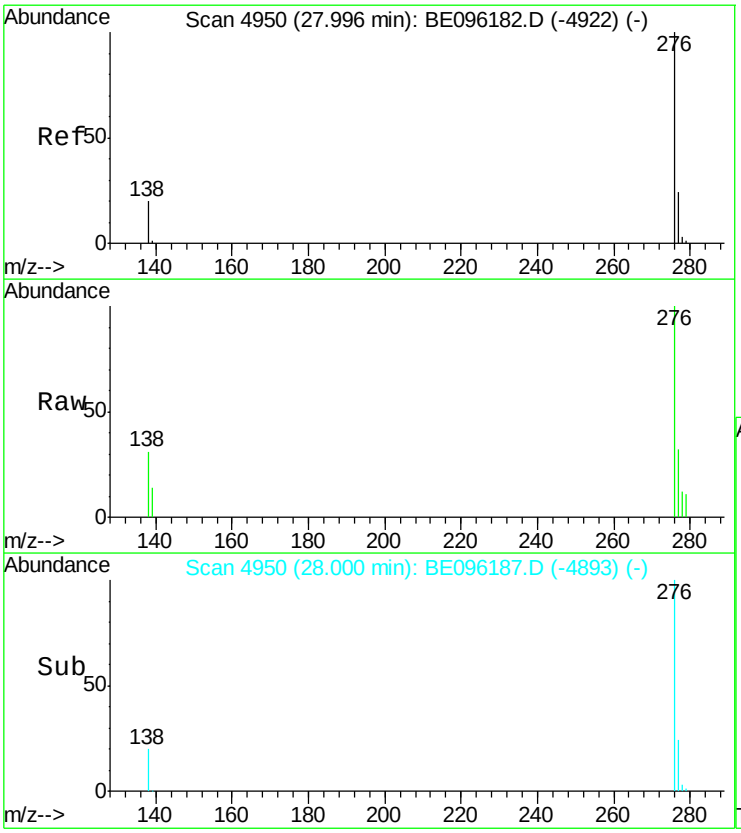
Tgt Ion:278 Resp: 1135

Ion	Ratio	Lower	Upper
278	100		
139	49.0	17.4	26.0#
279	48.5	25.9	38.9#

Instrument :
BNA_E
ClientSampleId :
C0AE1

Manual Integrations APPROVED
Sohil
4/27/2018 7:29:26 PM





#26
Benzo(g,h,i)perylene
Concen: 0.229 ng/ul m
RT: 28.00 min Scan# 4950
Delta R.T. 0.00 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:276 Resp: 3197

Ion	Ratio	Lower	Upper
276	100		
138	30.6	21.8	32.8
277	31.8	20.5	30.7#