Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
Data File : BE094591.D
Acq On : 27 Oct 2017 12:09
Operator : SJ/JU
Sample : I5786-13 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-67(1.5-2.5)_101017

Manual Integrations APPROVED
Sohil
10/27/2017 5:36:07 PM

Quant Time: Oct 27 13:44:04 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2168	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9743	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5259	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11391	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11204	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	11461	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	676	0.04	ng/ul	-0.01
14) Fluoranthene-d10	19.29	212	1048	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	10479	0.440	ng/ul#	1
5) 2-Methylnaphthalene	12.35	142	1952	0.117	ng/ul	100
7) Acenaphthylene	14.24	152	3654	0.154	ng/ul#	79
8) Acenaphthene	14.58	153	8642	0.506	ng/ul	97
9) Fluorene	15.57	166	6090	0.317	ng/ul	94
12) Phenanthrene	17.29	178	44781m	1.488	ng/ul	
13) Anthracene	17.40	178	10984	0.370	ng/ul	98
15) Fluoranthene	19.32	202	86147	2.477	ng/ul	84
17) Pyrene	19.68	202	79851	2.305	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	44393	1.386	ng/ul#	89
19) Chrysene	21.47	228	44089	1.332	ng/ul	91
21) Benzo(b)fluoranthene	23.19	252	57648m	1.788	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	15783m	0.457	ng/ul	
23) Benzo(a)pyrene	23.86	252	40570	1.259	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	26.68	276	25874	0.776	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.67	278	6906	0.246	ng/ul#	27
26) Benzo(g,h,i)perylene	27.53	276	20833	0.778	ng/ul#	77

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
Data File : BE094591.D
Acq On : 27 Oct 2017 12:09
Operator : SJ/JU
Sample : I5786-13 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Oct 27 13:44:04 2017
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QLast Update : Fri Oct 27 04:05:19 2017
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Instrument :
BNA_E
ClientSampleId :
B-67(1.5-2.5)_101017

Manual Integrations APPROVED
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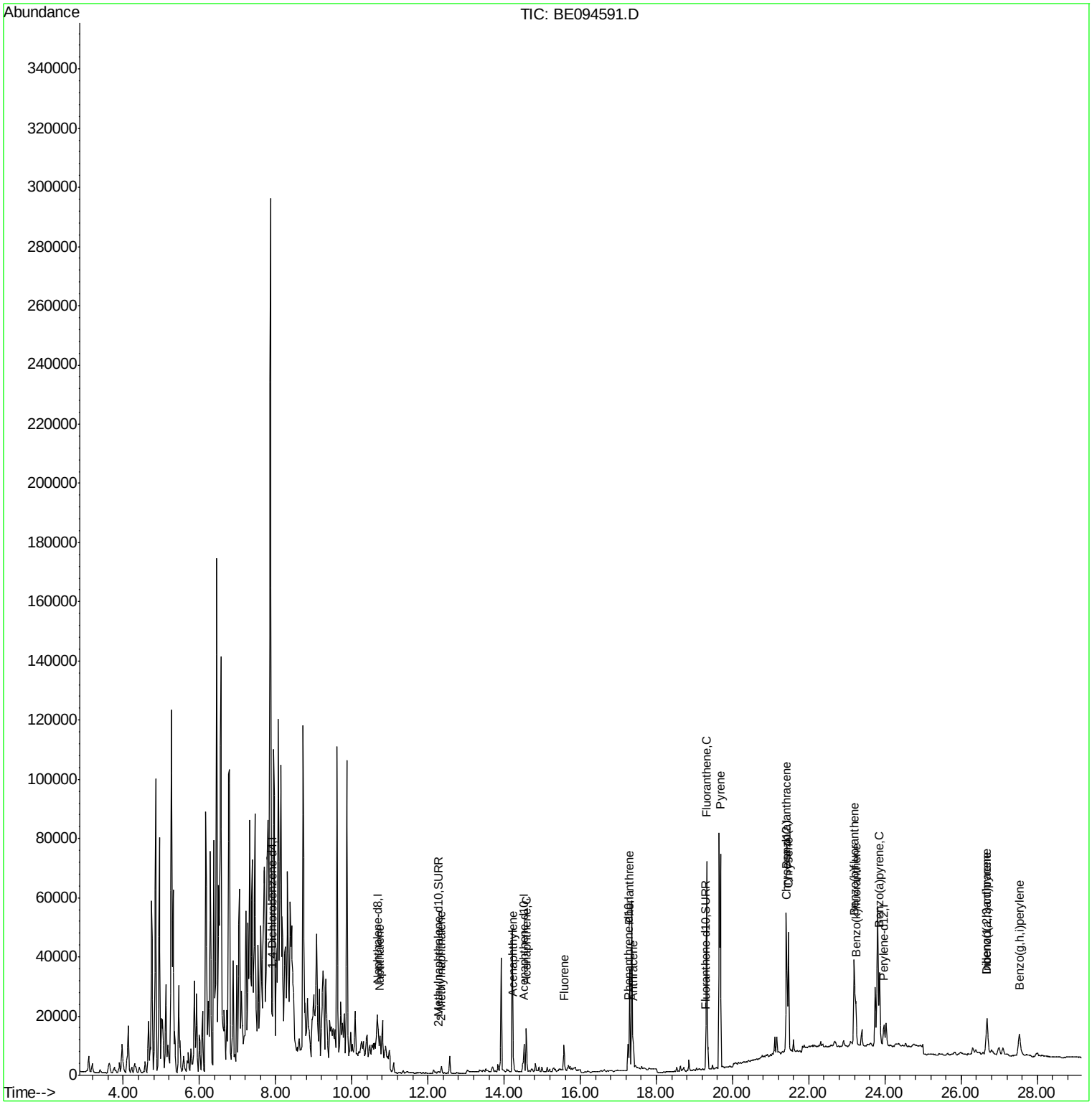

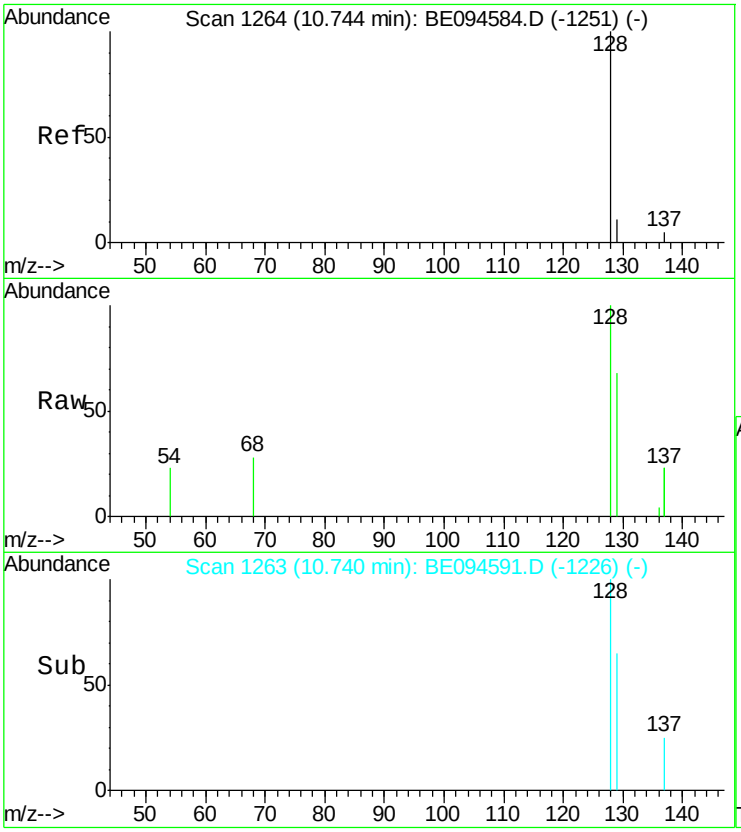

#3
Naphthalene
Concen: 0.440 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:128 Resp: 10479

Ion	Ratio	Lower	Upper
128	100		
129	67.6	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
B-67(1.5-2.5)_101017

Manual Integrations APPROVED
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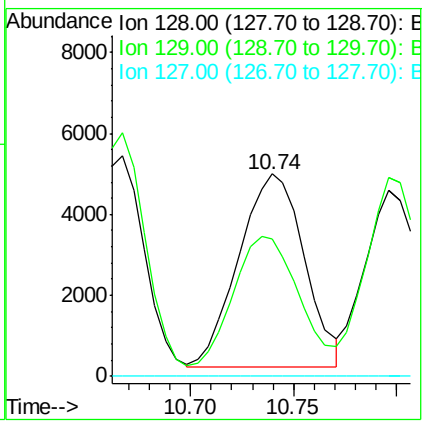
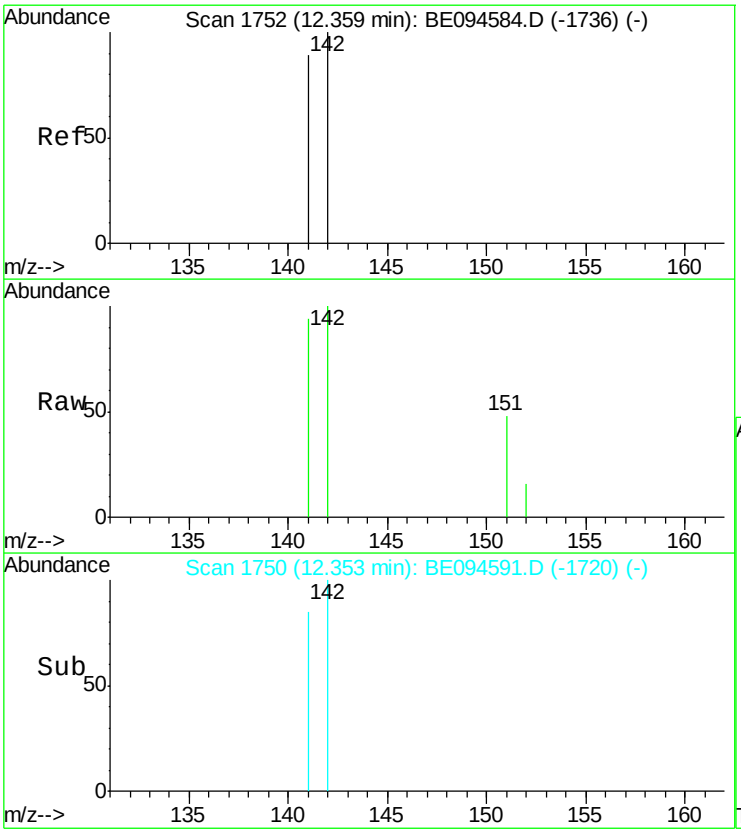
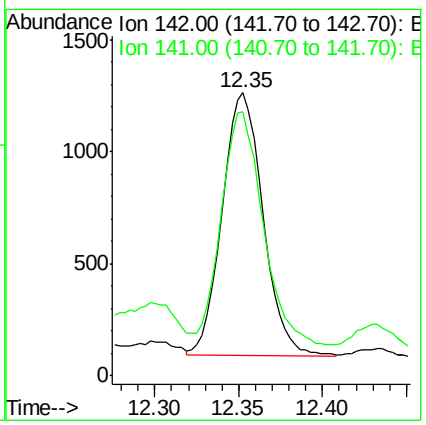


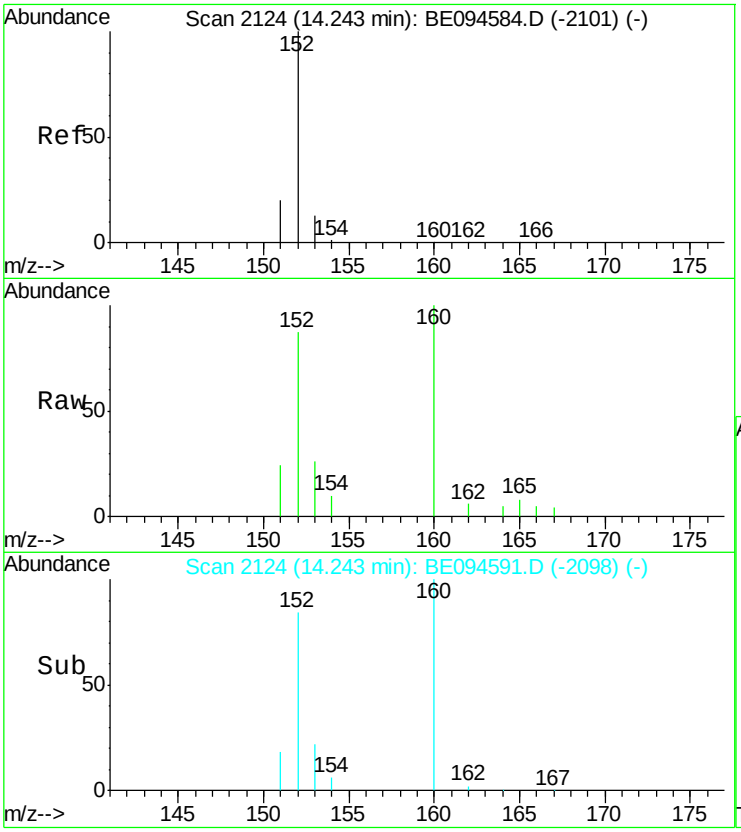


#5
2-Methylnaphthalene
Concen: 0.117 ng/ul
RT: 12.35 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:142 Resp: 1952

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	108.8





#7
Acenaphthylene
Concen: 0.154 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:152 Resp: 3654

Ion	Ratio	Lower	Upper
152	100		
151	27.5	17.1	25.7#
153	29.9	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
B-67(1.5-2.5)_101017

Manual Integrations APPROVED
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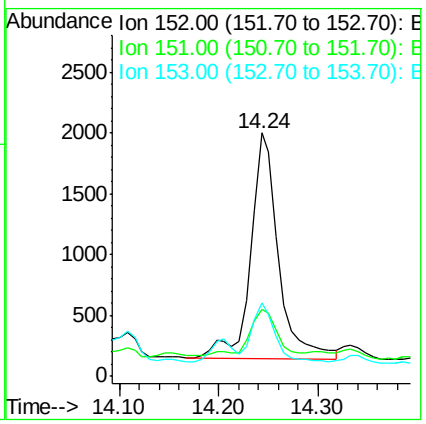
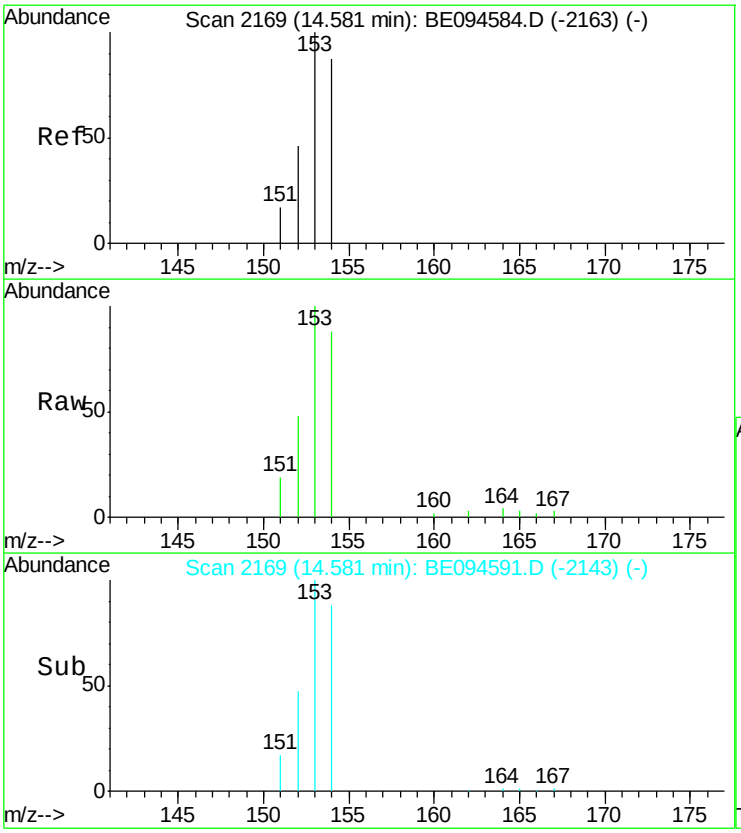
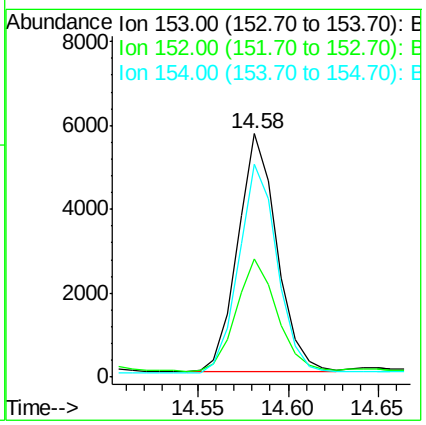


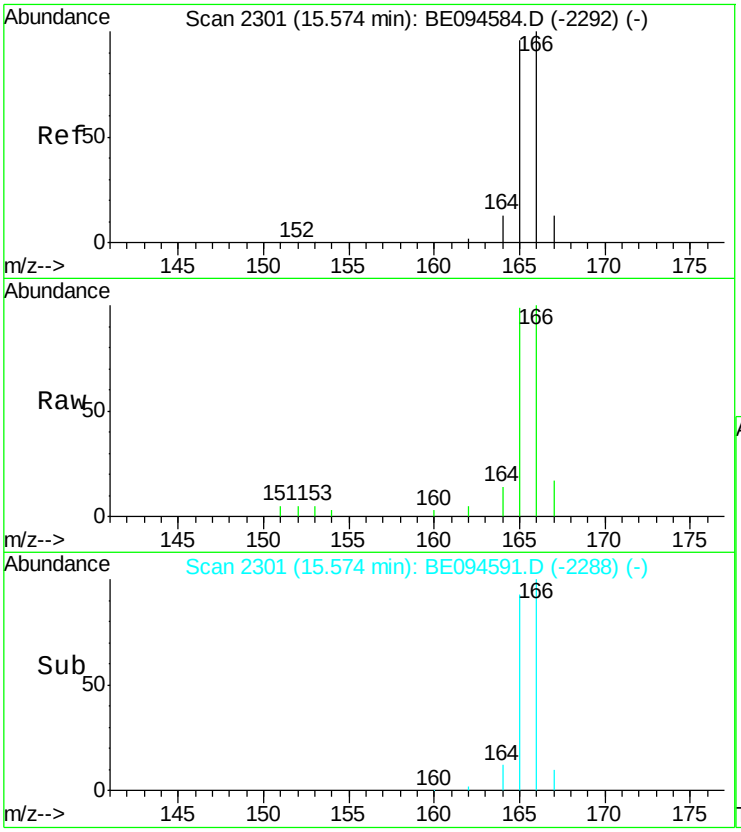


#8
Acenaphthene
Concen: 0.506 ng/ul
RT: 14.58 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:153 Resp: 8642

Ion	Ratio	Lower	Upper
153	100		
152	48.4	36.0	54.0
154	87.7	72.0	108.0





#9
Fluorene
Concen: 0.317 ng/ul
RT: 15.57 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:166 Resp: 6090

Ion	Ratio	Lower	Upper
166	100		
165	98.5	73.4	110.2
167	17.3	14.6	22.0

Instrument :
BNA_E
ClientSampleId :
B-67(1.5-2.5)_101017

Manual Integrations APPROVED
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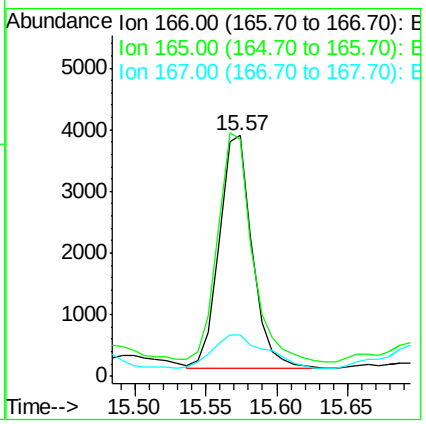
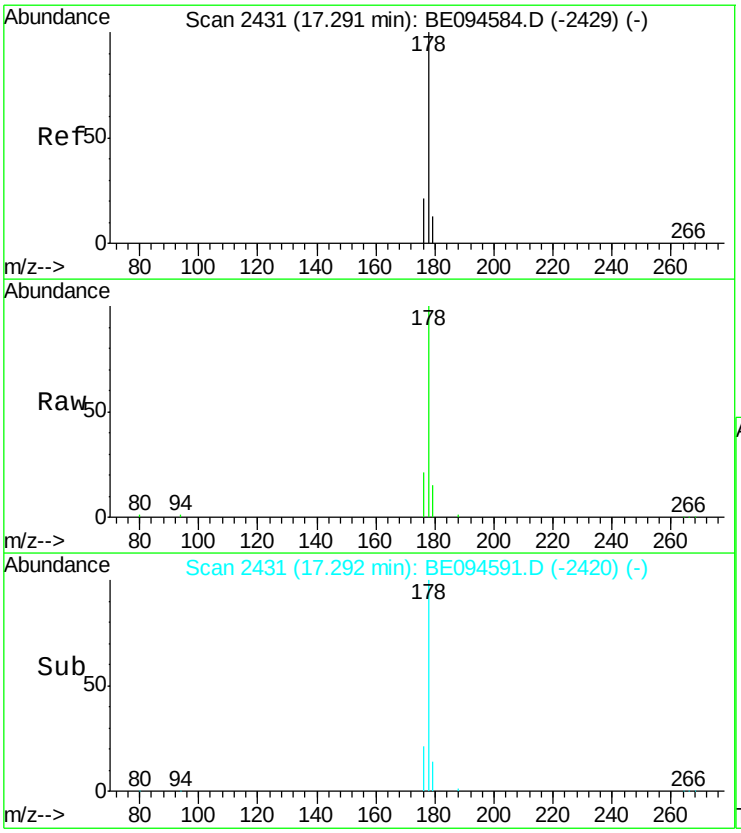
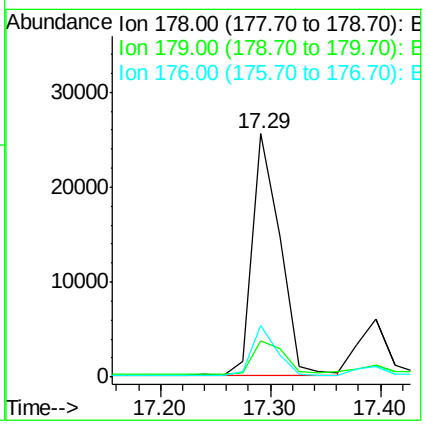


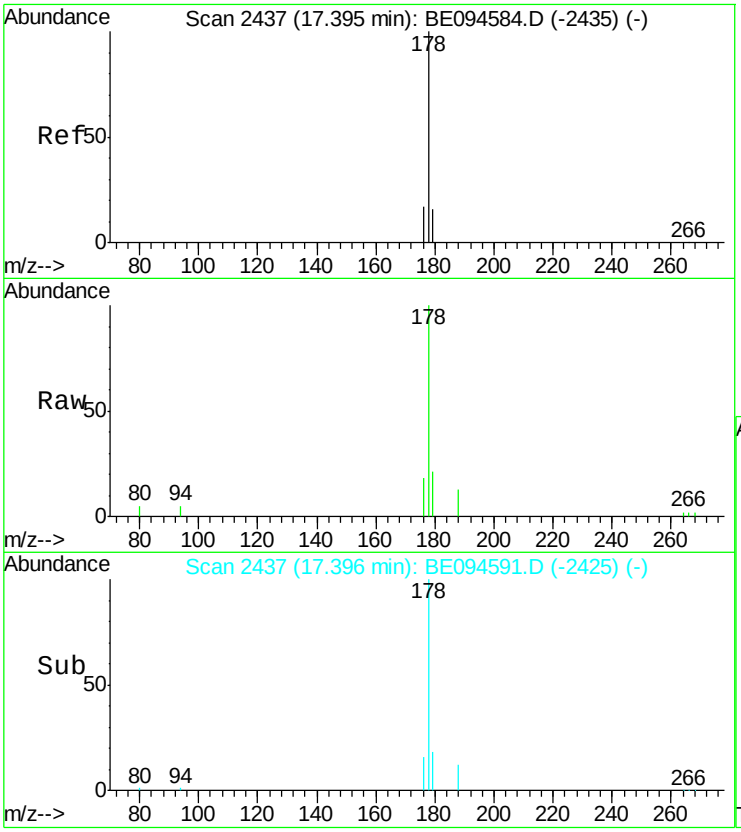


#12
Phenanthrene
Concen: 1.488 ng/ul m
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:178 Resp: 44781

Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.4	27.6#
176	21.0	13.6	20.4#

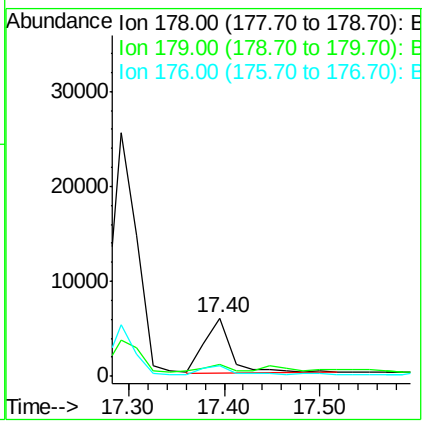




#13
Anthracene
Concen: 0.370 ng/ul
RT: 17.40 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:178 Resp: 10984

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



Instrument :
BNA_E
ClientSampleId :
B-67(1.5-2.5)_101017

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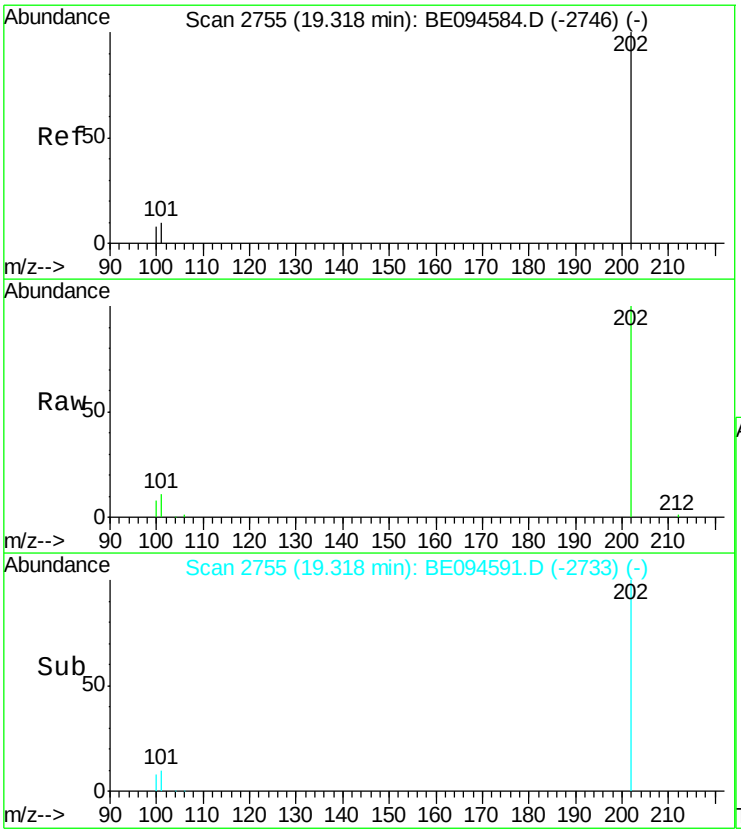
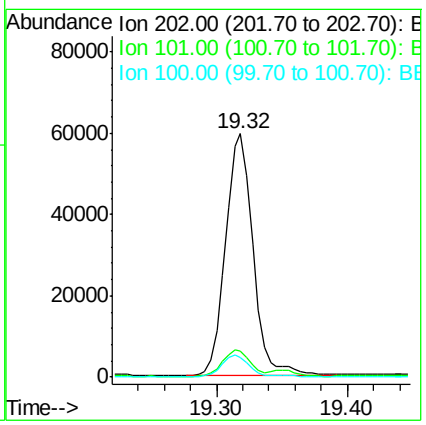
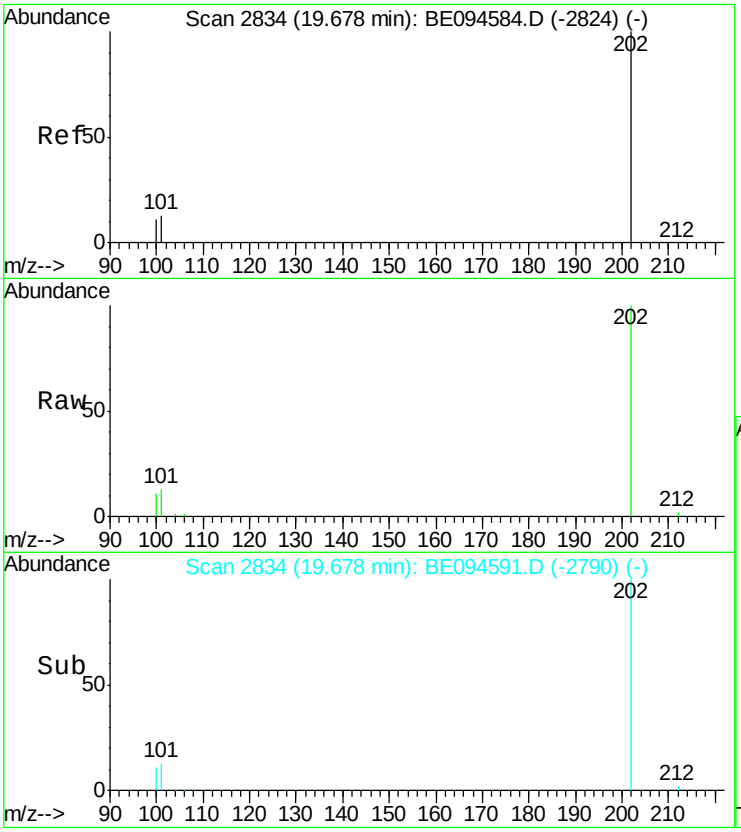


#15
Fluoranthene
Concen: 2.477 ng/ul
RT: 19.32 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:202 Resp: 86147

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
100	8.3	0.0	39.5





#17
Pyrene
Concen: 2.305 ng/ul
RT: 19.68 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:202 Resp: 79851

Ion	Ratio	Lower	Upper
202	100		
101	13.1	18.2	27.4#
100	11.1	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
B-67(1.5-2.5)_101017

Manual Integrations APPROVED
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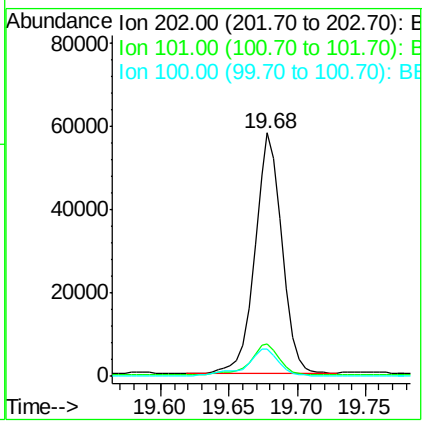
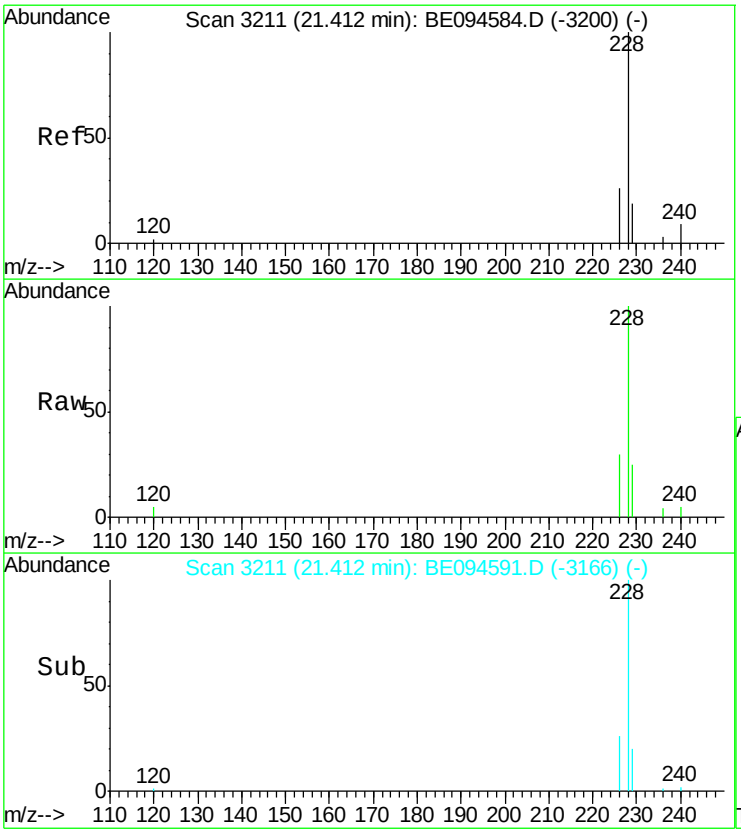
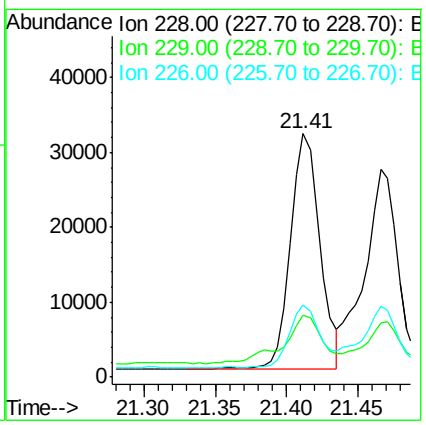


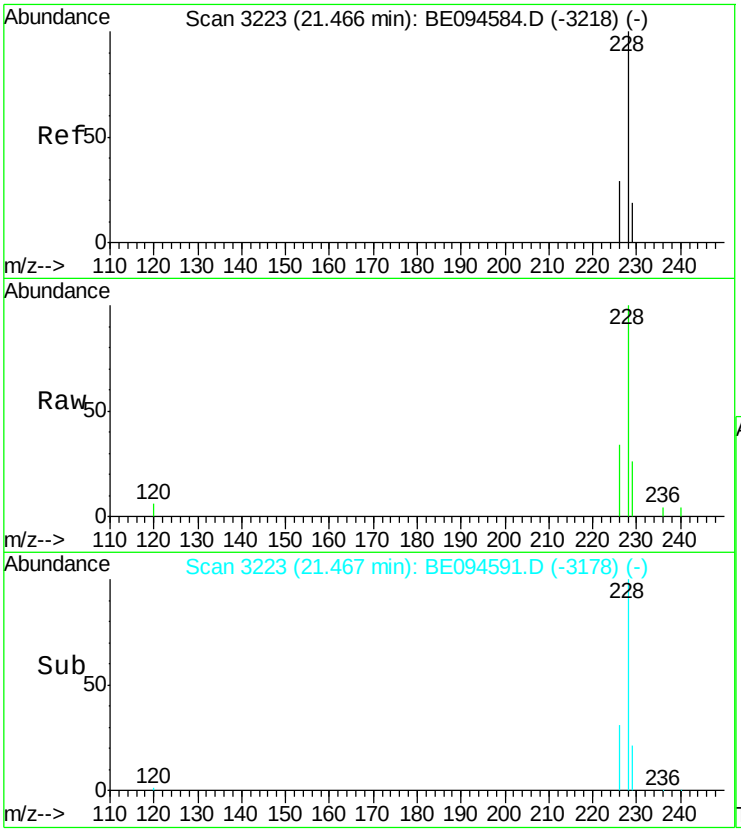


#18
Benzo(a)anthracene
Concen: 1.386 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:228 Resp: 44393

Ion	Ratio	Lower	Upper
228	100		
229	25.2	22.8	34.2
226	29.5	17.0	25.6#

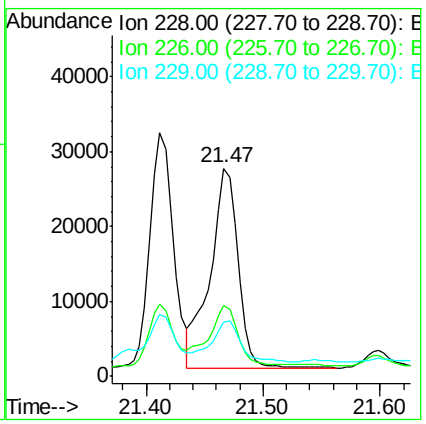




#19
Chrysene
Concen: 1.332 ng/ul
RT: 21.47 min Scan# 3223
Delta R.T. 0.00 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:228 Resp: 44089

Ion	Ratio	Lower	Upper
228	100		
226	34.1	23.4	35.0
229	26.3	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
B-67(1.5-2.5)_101017

Manual Integrations APPROVED
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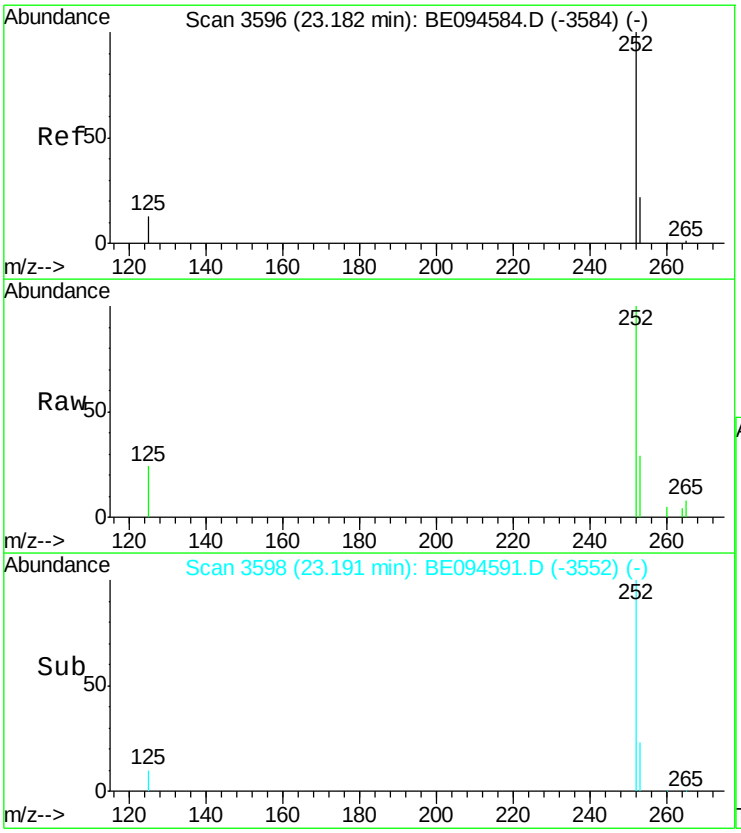
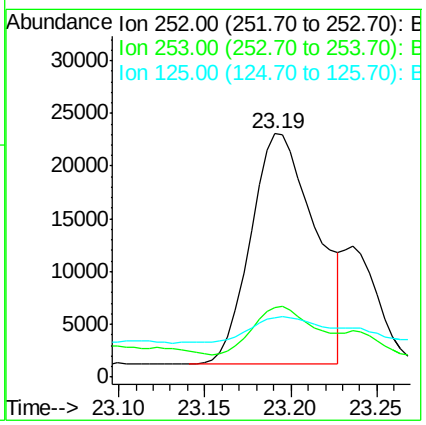
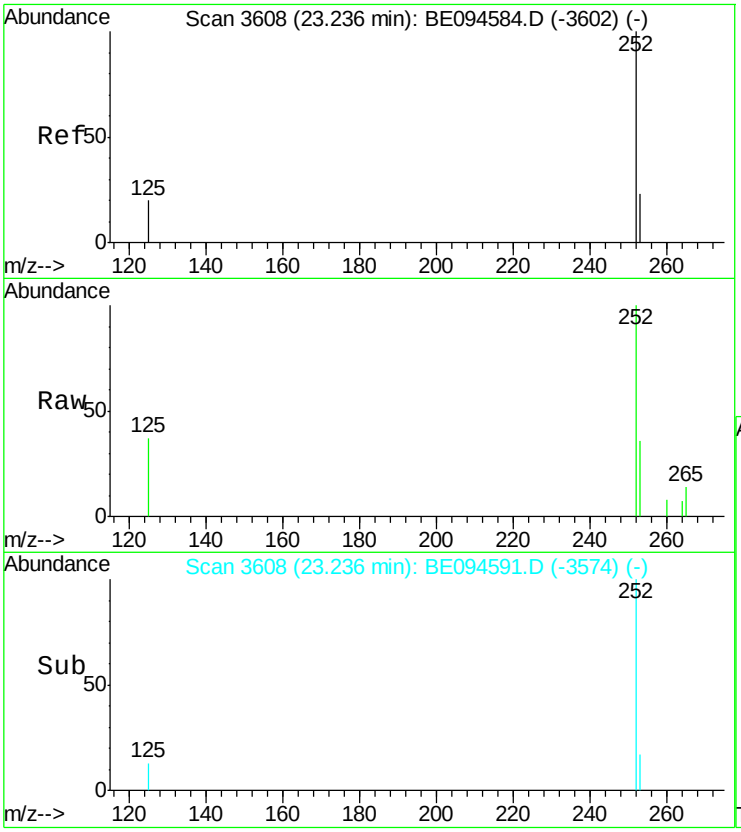


#21
Benzo(b)fluoranthene
Concen: 1.788 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. 0.01 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:252 Resp: 57648

Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	64.2
125	24.4	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.457 ng/ul m
RT: 23.24 min Scan# 3608
Delta R.T. 0.00 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:252 Resp: 15783

Ion	Ratio	Lower	Upper
252	100		
253	35.7	24.5	36.7
125	37.1	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
B-67(1.5-2.5)_101017

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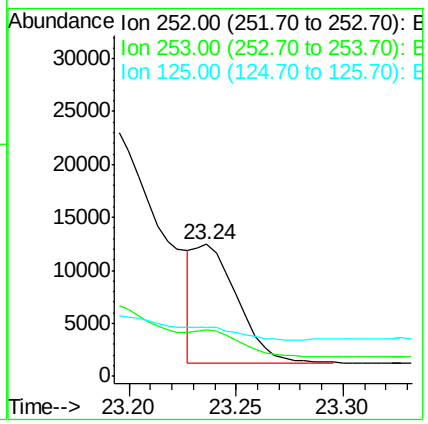
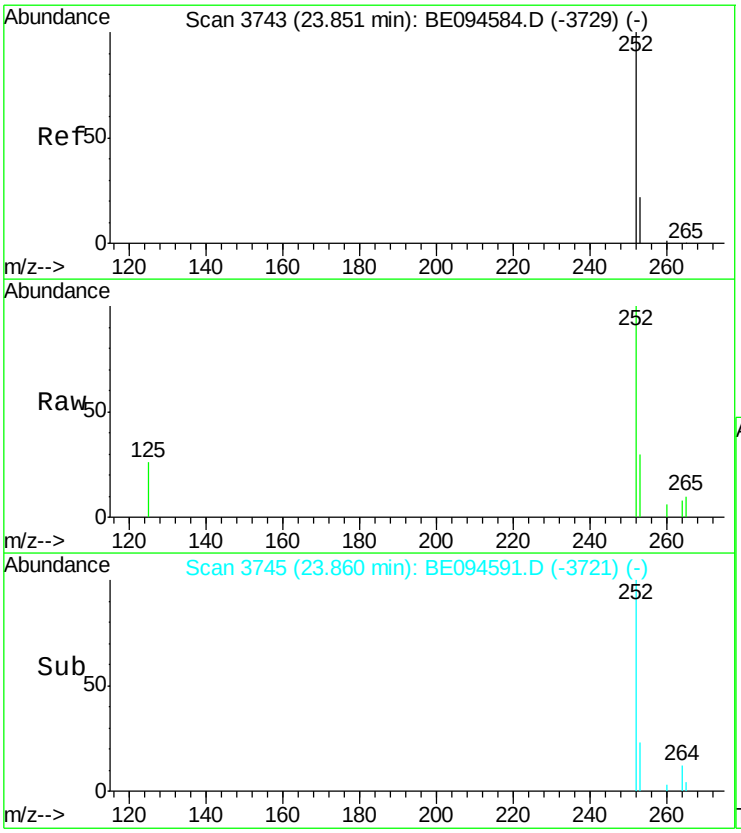
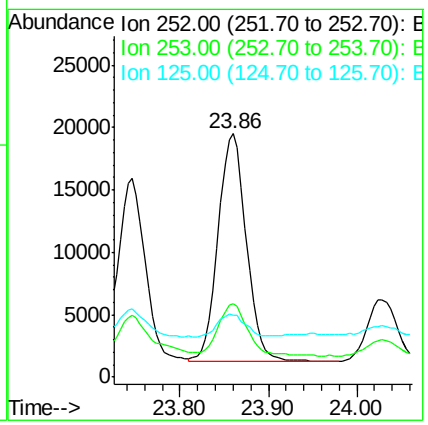


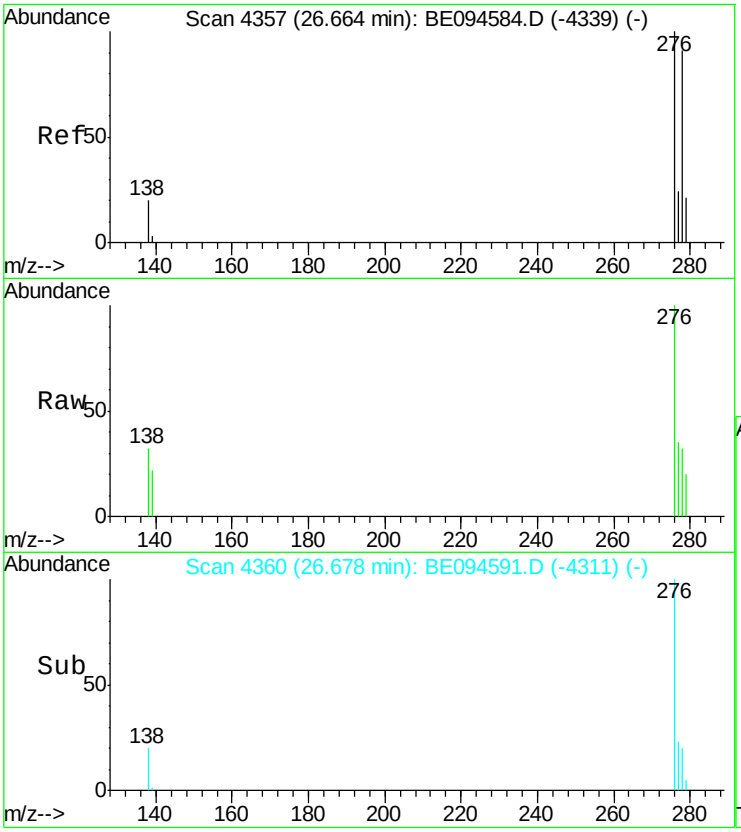


#23
Benzo(a)pyrene
Concen: 1.259 ng/ul
RT: 23.86 min Scan# 3745
Delta R.T. 0.01 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:252 Resp: 40570

Ion	Ratio	Lower	Upper
252	100		
253	30.1	28.5	42.7
125	25.6	18.1	27.1





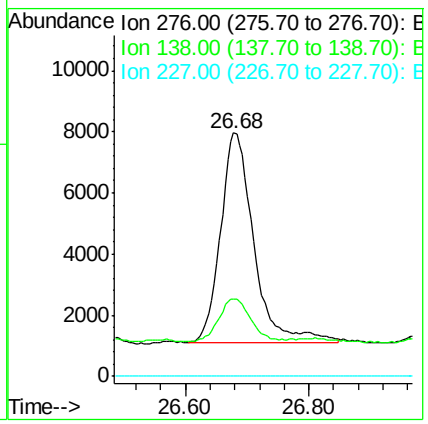
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.776 ng/ul
RT: 26.68 min Scan# 4360
Delta R.T. 0.02 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

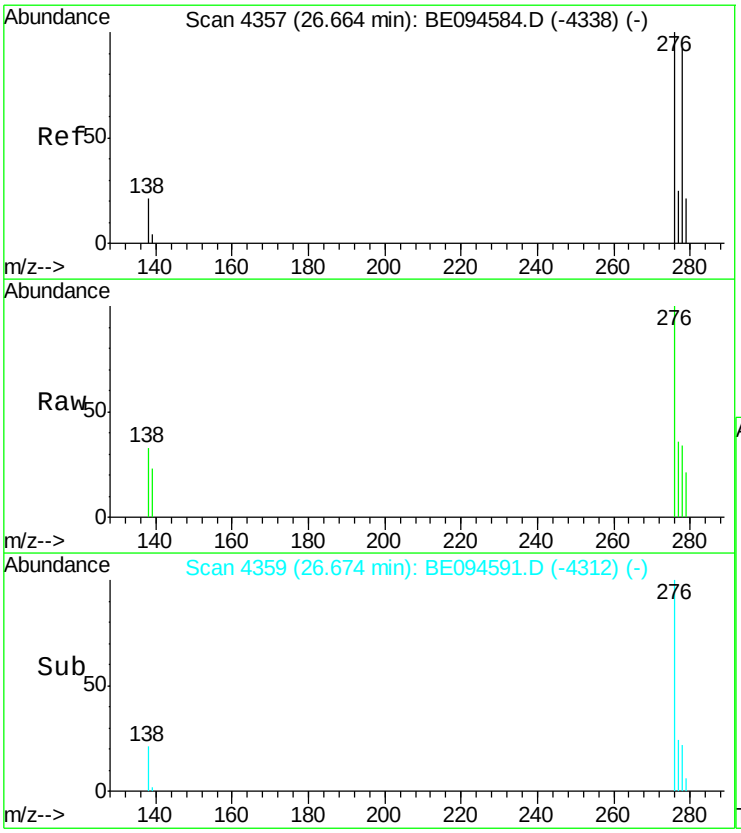
Instrument :
BNA_E
ClientSampleId :
B-67(1.5-2.5)_101017

Manual Integrations APPROVED
Sohil
10/27/2017 5:36:07 PM

Tgt Ion:276 Resp: 25874

Ion	Ratio	Lower	Upper
276	100		
138	19.7	28.0	42.0#
227	0.0	8.0	12.0#

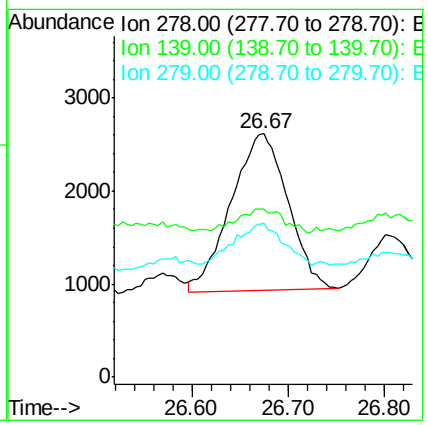


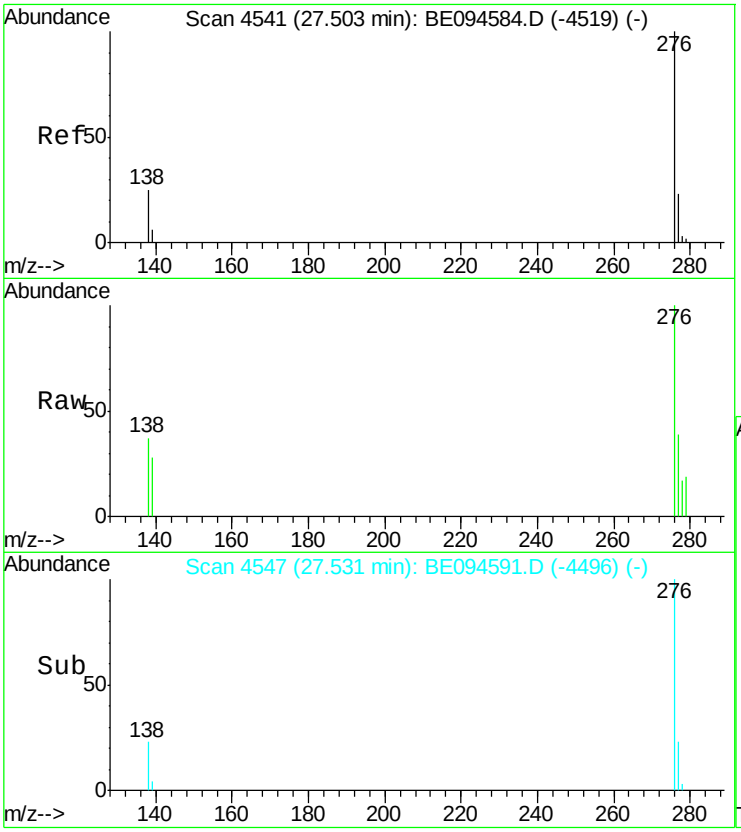


#25
Dibenzo(a,h)anthracene
Concen: 0.246 ng/ul
RT: 26.67 min Scan# 4359
Delta R.T. 0.02 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:278 Resp: 6906

Ion	Ratio	Lower	Upper
278	100		
139	68.9	17.4	26.0#
279	63.1	25.9	38.9#

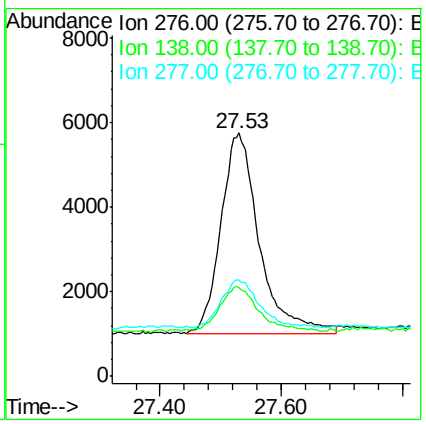




#26
Benzo(g,h,i)perylene
Concen: 0.778 ng/ul
RT: 27.53 min Scan# 4547
Delta R.T. 0.03 min
Lab File: BE094591.D
Acq: 27 Oct 2017 12:09

Tgt Ion:276 Resp: 20833

Ion	Ratio	Lower	Upper
276	100		
138	36.7	21.8	32.8#
277	39.4	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
B-67(1.5-2.5)_101017

Manual Integrations APPROVED
Sohil
10/27/2017 5:36:07 PM