Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090823\
Data File : BM041734.D
Acq On : 08 Sep 2023 17:20
Operator : MA/JU
Sample : 04113-16DL2 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 09 00:26:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 06:08:11 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EZYJ2DL2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	5391	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	13515	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.638	164	7419	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.388	188	11748	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.553	240	6154	0.400	ng/ul	# 0.00
23) Perylene-d12	23.979	264	6976	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	3471	0.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng/ul	
18) Fluoranthene-d10	19.389	212	1217	0.041	ng/ul	-0.02
Target Compounds						Qvalue
7) 2-Methylnaphthalene	12.467	142	10810	0.429	ng/ul	95
8) 1-Methylnaphthalene	12.687	142	150552	5.947	ng/ul	100
10) Acenaphthylene	14.351	152	14114	0.308	ng/ul#	1
11) Acenaphthene	14.703	153	49114	1.378	ng/ul	88
12) Fluorene	15.684	166	68358	1.710	ng/ul#	92
15) Phenanthrene	17.430	178	163568	3.297	ng/ul#	95
19) Fluoranthene	19.436	202	13992	0.193	ng/ul#	89
20) Pyrene	19.798	202	38570m	0.535	ng/ul	
21) Benzo(a)anthracene	21.536	228	3735	0.074	ng/ul#	72
22) Chrysene	21.591	228	5499m	0.102	ng/ul	
24) Benzo(b)fluoranthene	23.234	252	6029	0.097	ng/ul#	1
25) Benzo(k)fluoranthene	23.281	252	2173m	0.036	ng/ul	
26) Benzo(a)pyrene	23.868	252	3976	0.078	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.495	276	3835	0.055	ng/ul#	94
29) Benzo(g,h,i)perylene	27.276	276	3934	0.064	ng/ul#	57

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090823\
Data File : BM041734.D
Acq On : 08 Sep 2023 17:20
Operator : MA/JU
Sample : 04113-16DL2 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 09 00:26:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 06:08:11 2023
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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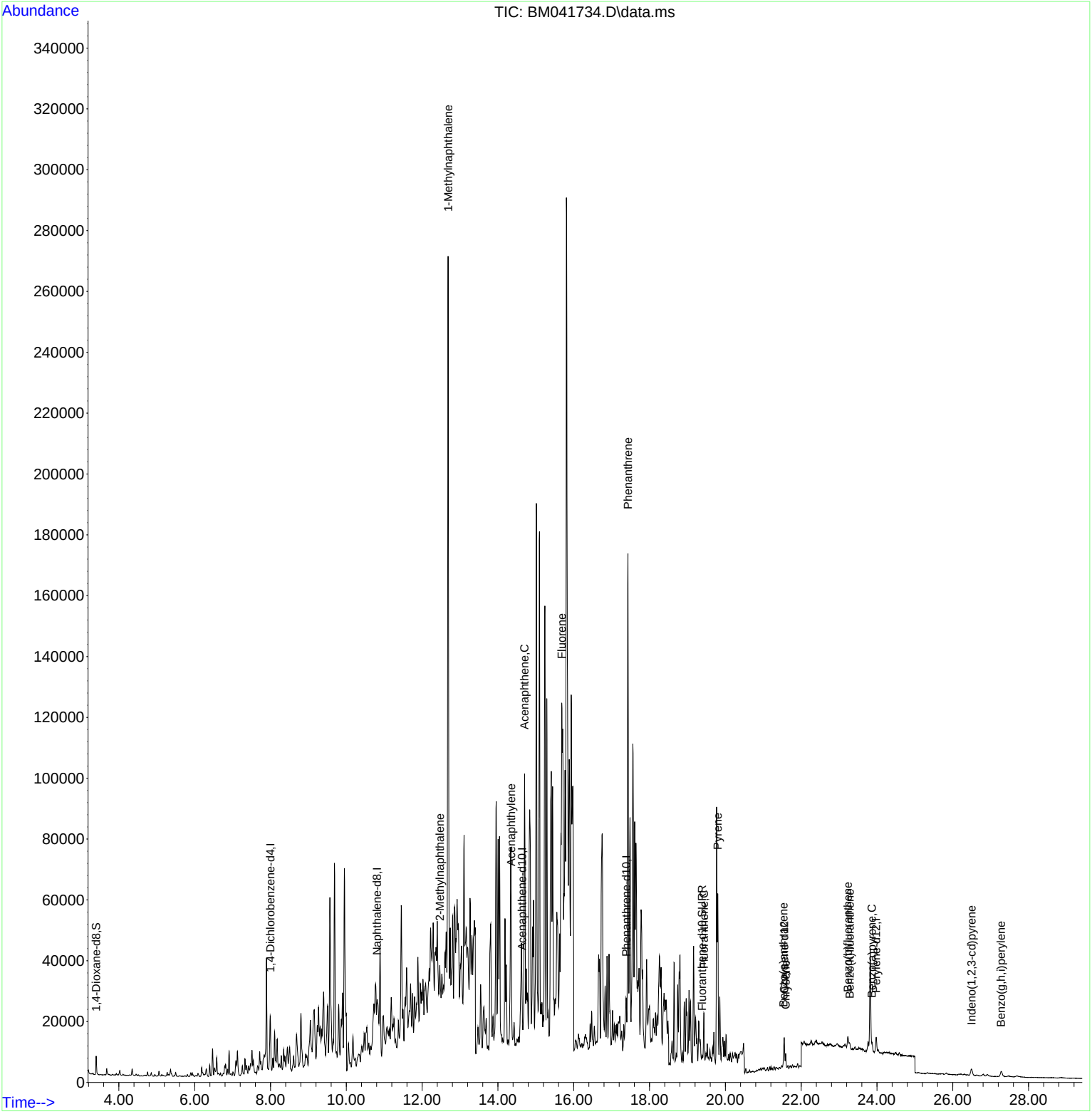

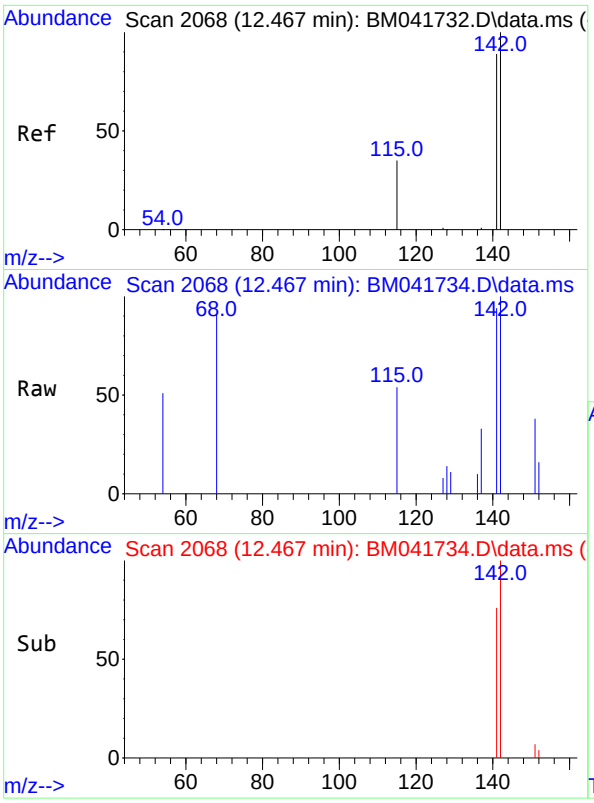

#7
2-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.467 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:142 Resp: 1081

Ion	Ratio	Lower	Upper
142	100		
141	85.2	72.2	108.2

Instrument :
BNA_M
ClientSampleId :
EZYJ2DL2

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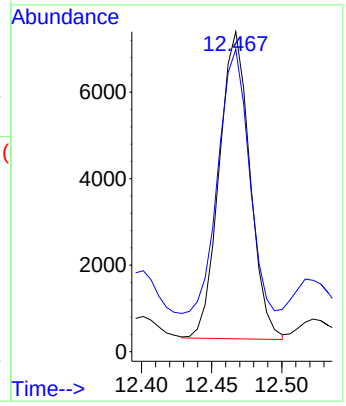
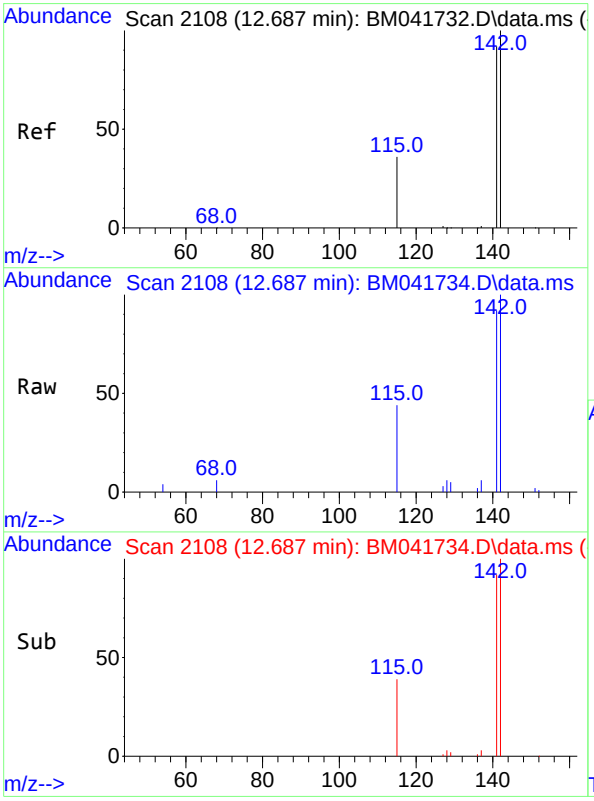
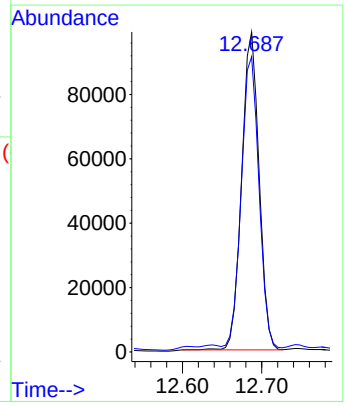


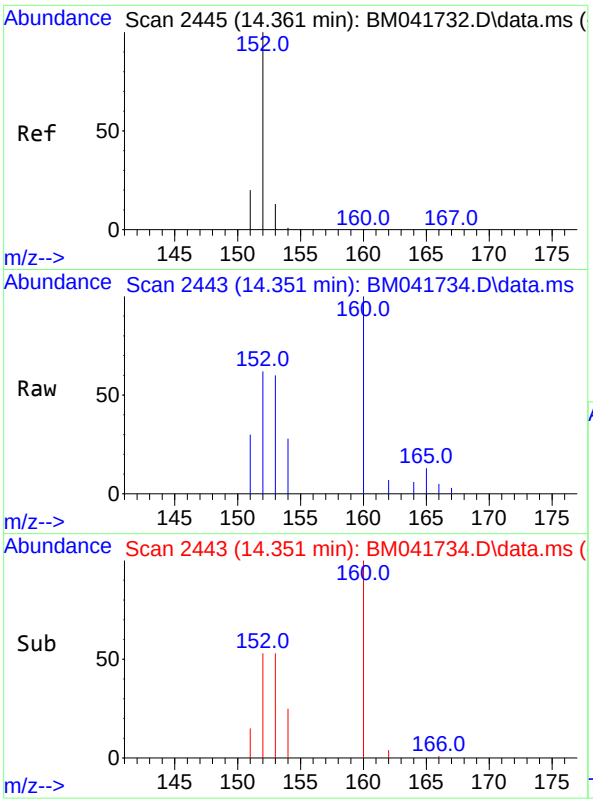


#8
1-Methylnaphthalene
Concen: 5.947 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:142 Resp: 150552

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.4	111.6

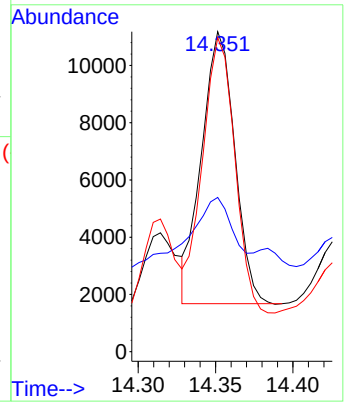




#10
Acenaphthylene
Concen: 0.308 ng/ul
RT: 14.351 min Scan# 24
Delta R.T. -0.014 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:152 Resp: 1411

Ion	Ratio	Lower	Upper
152	100		
151	48.2	16.4	24.6#
153	98.1	11.1	16.7#



Instrument :
BNA_M
ClientSampleId :
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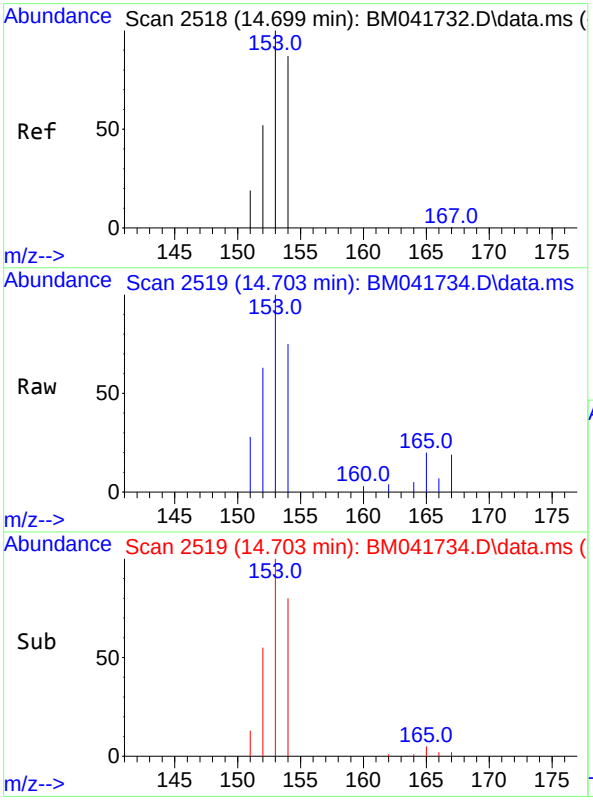
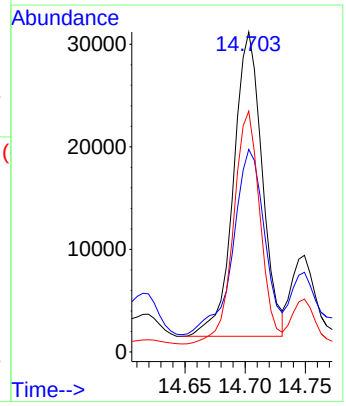
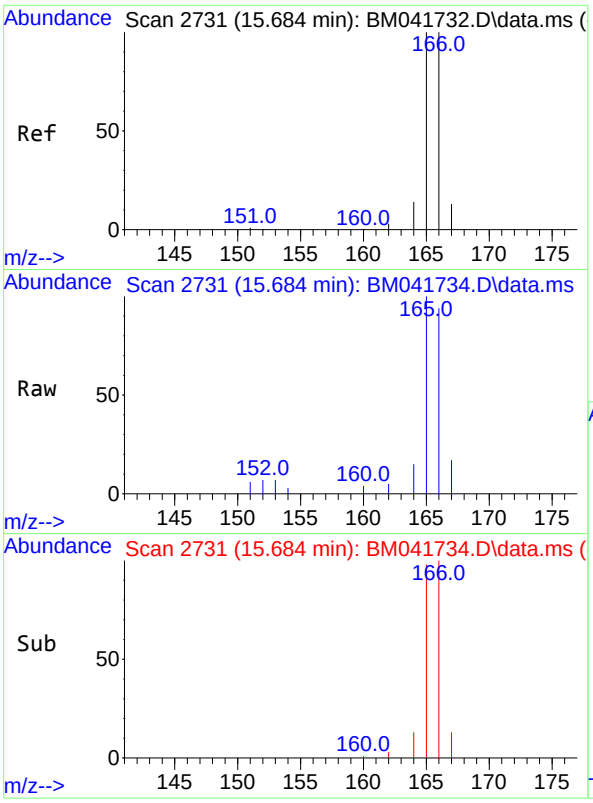


#11
Acenaphthene
Concen: 1.378 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:153 Resp: 49114

Ion	Ratio	Lower	Upper
153	100		
152	63.3	43.4	65.2
154	75.2	69.4	104.0

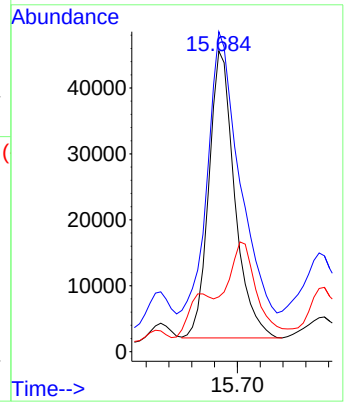




#12
Fluorene
Concen: 1.710 ng/ul
RT: 15.684 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:166 Resp: 6835

Ion	Ratio	Lower	Upper
166	100		
165	106.5	79.4	119.2
167	18.3	11.3	16.9#



Instrument :
BNA_M
ClientSampleId :
EZYJ2DL2

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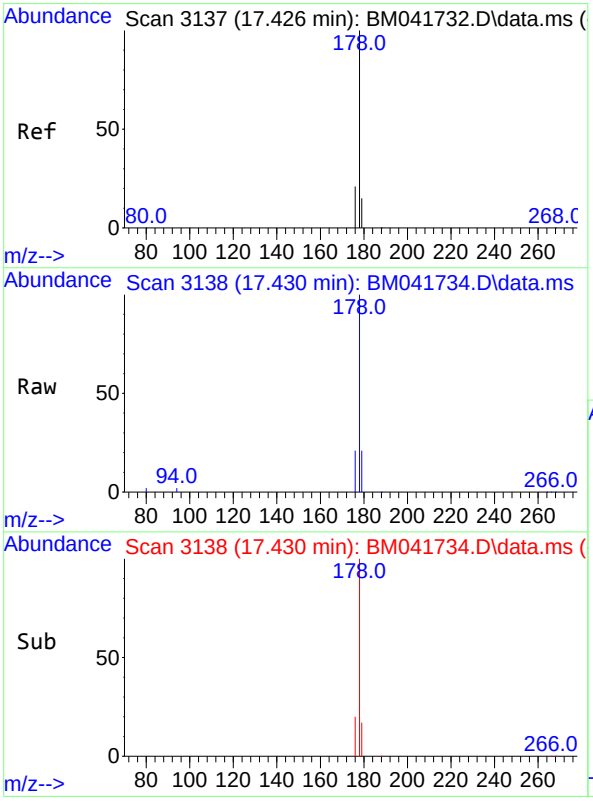
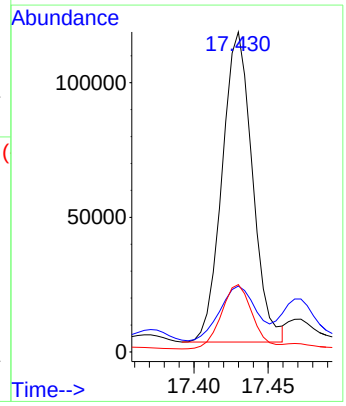
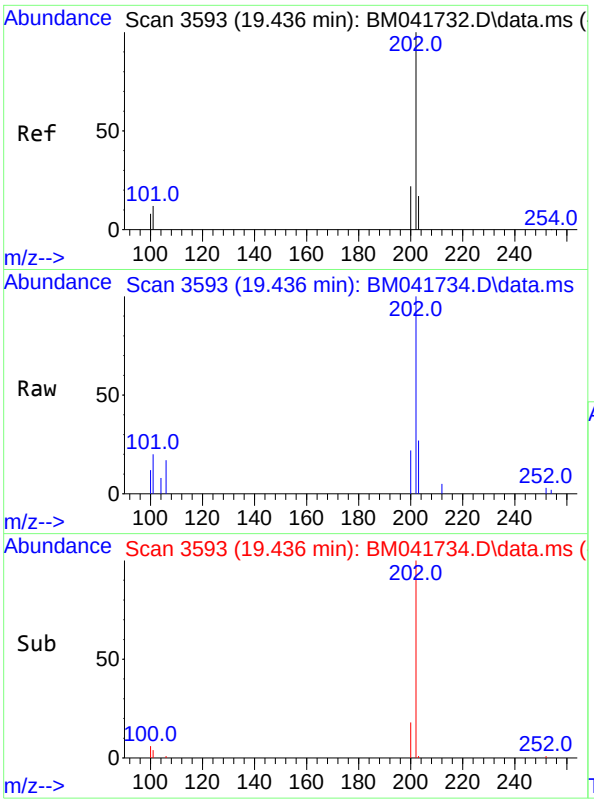


#15
Phenanthrene
Concen: 3.297 ng/ul
RT: 17.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:178 Resp: 163568

Ion	Ratio	Lower	Upper
178	100		
179	20.6	12.9	19.3#
176	21.0	16.9	25.3

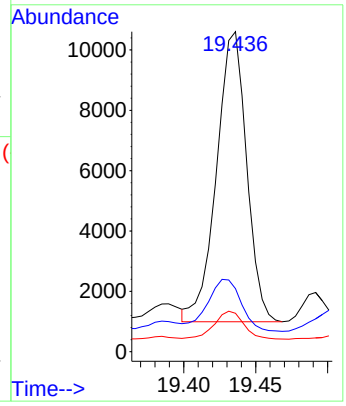




#19
Fluoranthene
Concen: 0.193 ng/ul
RT: 19.436 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:202 Resp: 1399

Ion	Ratio	Lower	Upper
202	100		
101	19.7	10.5	15.7#
100	12.0	8.4	12.6



Instrument :
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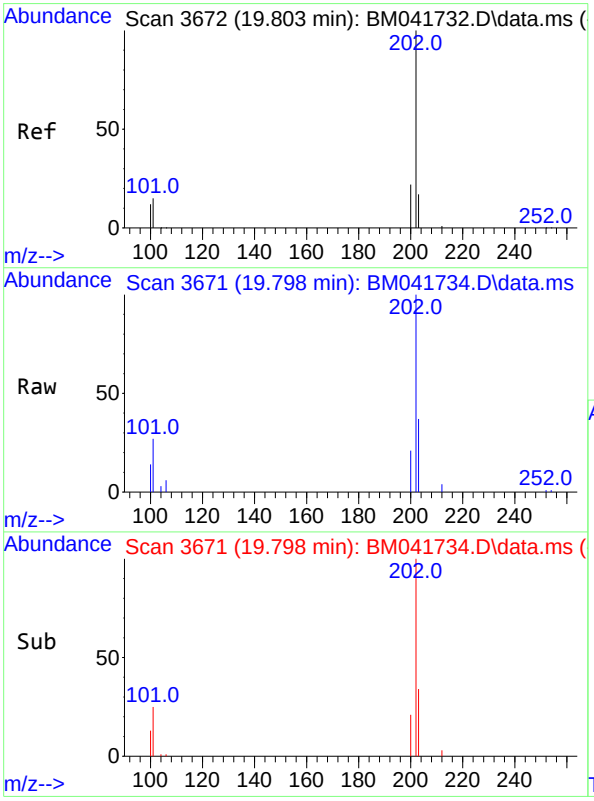
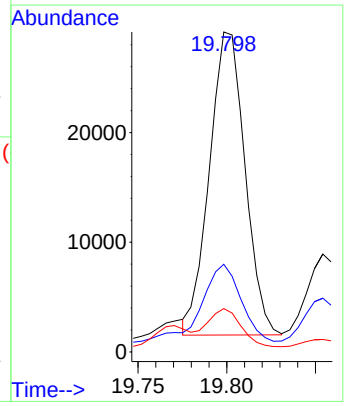
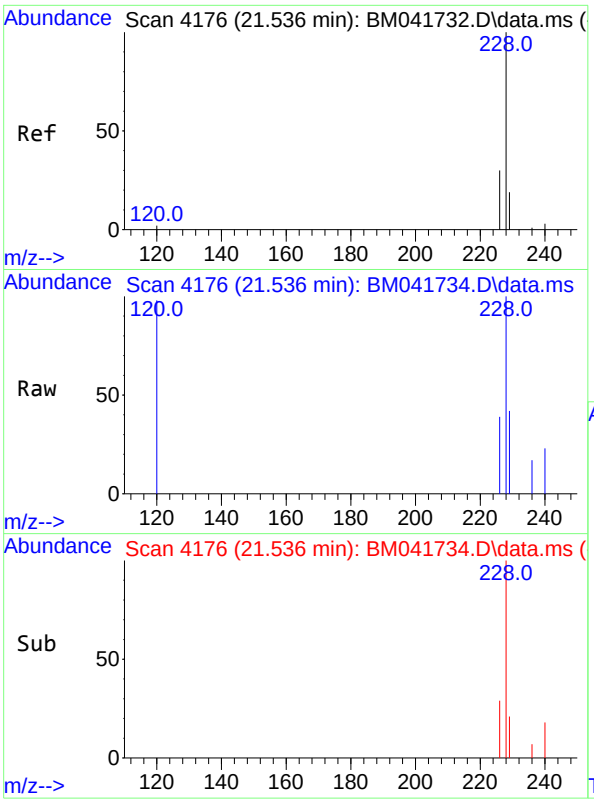


#20
Pyrene
Concen: 0.535 ng/ul m
RT: 19.798 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:202 Resp: 38570

Ion	Ratio	Lower	Upper
202	100		
101	27.4	11.8	17.8#
100	13.5	9.8	14.6

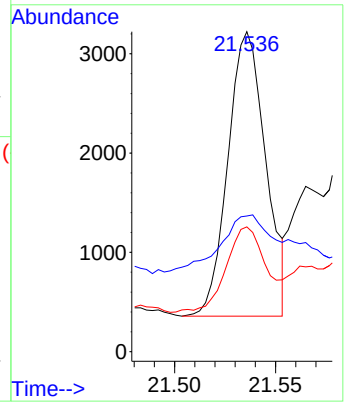




#21
Benzo(a)anthracene
Concen: 0.074 ng/ul
RT: 21.536 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:228 Resp: 373

Ion	Ratio	Lower	Upper
228	100		
229	42.4	15.8	23.6#
226	39.0	24.8	37.2#



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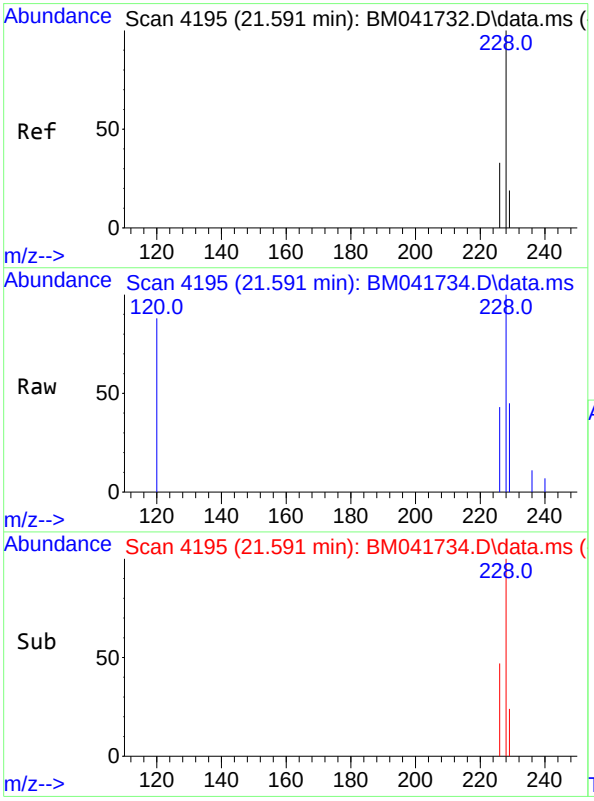
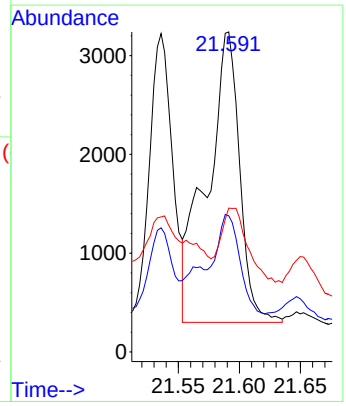
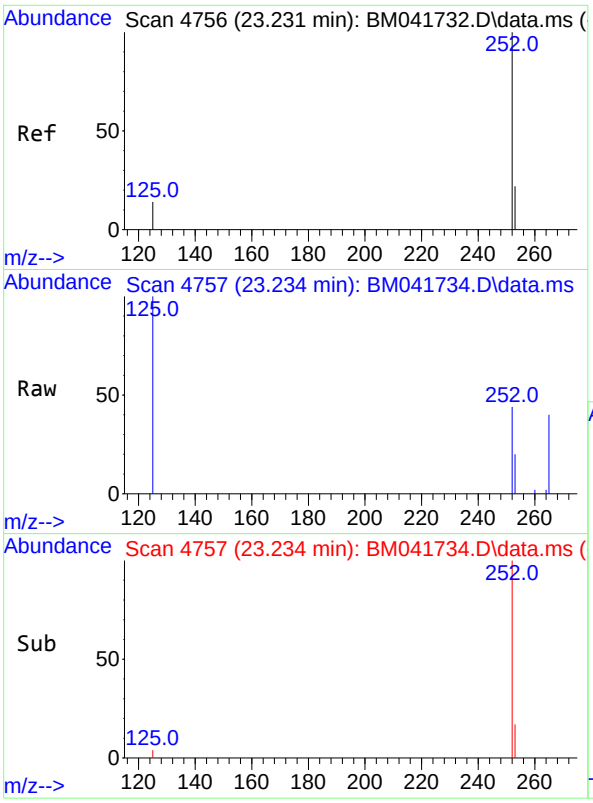


#22
Chrysene
Concen: 0.102 ng/ul m
RT: 21.591 min Scan# 4195
Delta R.T. -0.000 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:228 Resp: 5499

Ion	Ratio	Lower	Upper
228	100		
226	42.6	27.0	40.6#
229	45.0	15.4	23.2#





#24
Benzo(b)fluoranthene
Concen: 0.097 ng/ul
RT: 23.234 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:252 Resp: 602

Ion	Ratio	Lower	Upper
252	100		
253	45.6	0.0	52.4
125	227.9	0.0	42.8#

Instrument :
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EZYJ2DL2

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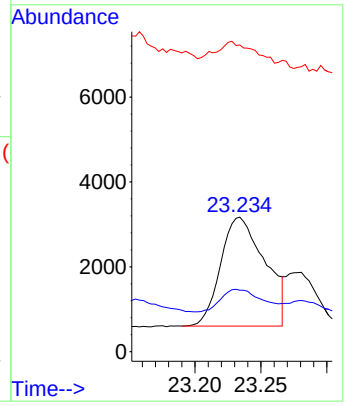
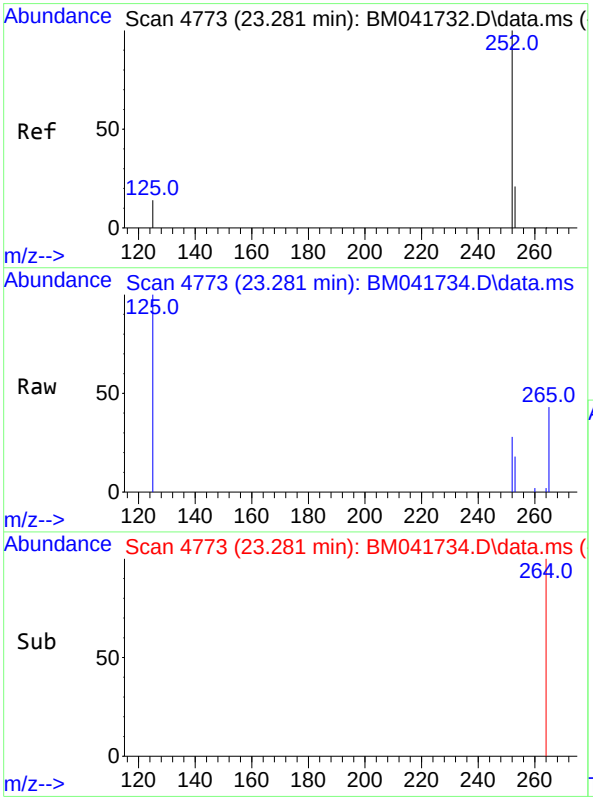
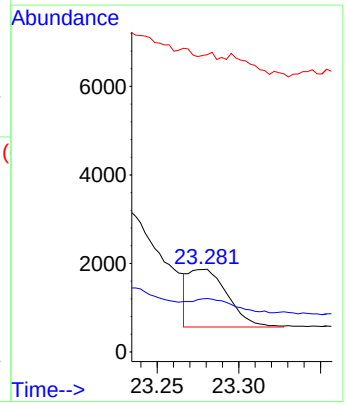


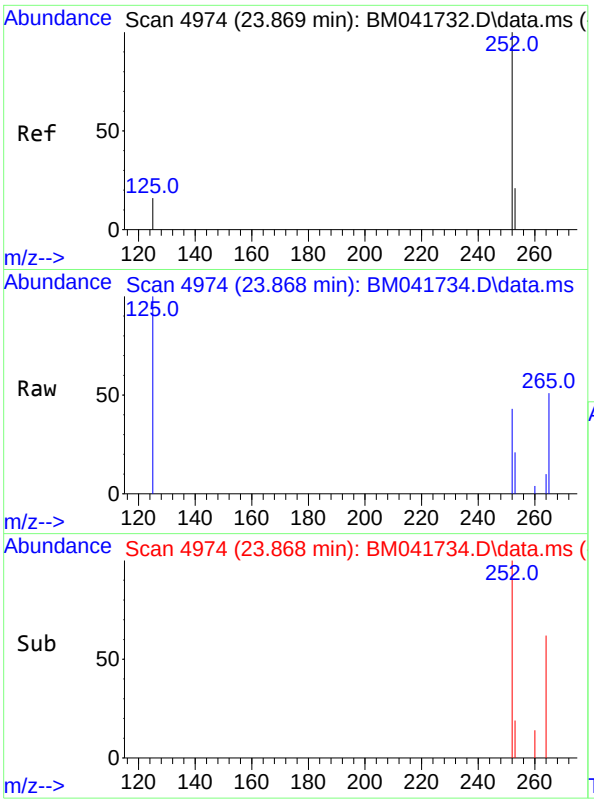


#25
Benzo(k)fluoranthene
Concen: 0.036 ng/ul m
RT: 23.281 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:252 Resp: 2173

Ion	Ratio	Lower	Upper
252	100		
253	64.6	21.3	31.9#
125	359.1	17.4	26.0#

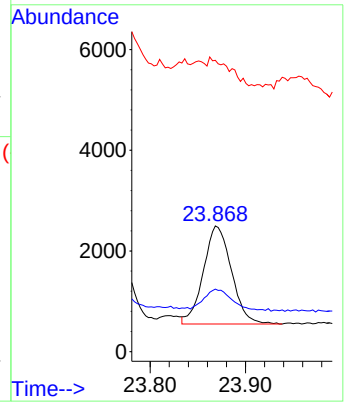




#26
Benzo(a)pyrene
Concen: 0.078 ng/ul
RT: 23.868 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:252 Resp: 397

Ion	Ratio	Lower	Upper
252	100		
253	49.7	22.4	33.6#
125	231.7	21.0	31.4#



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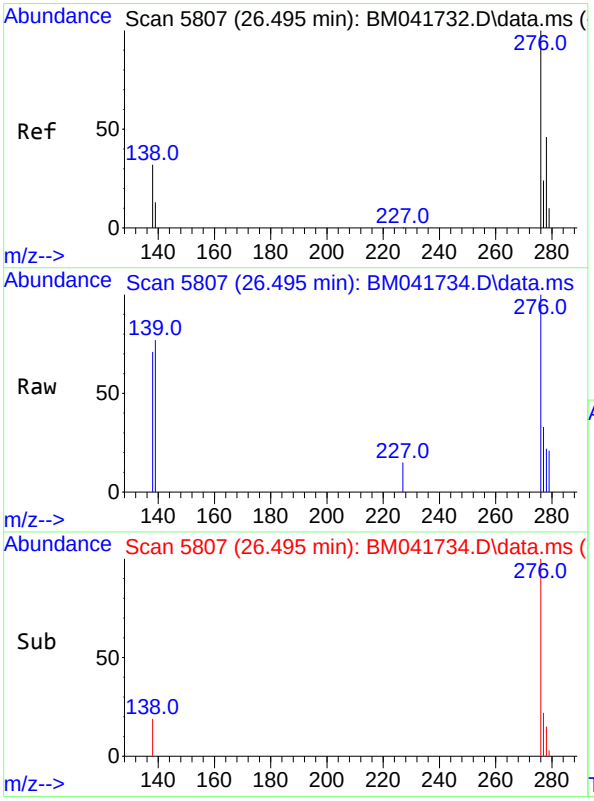
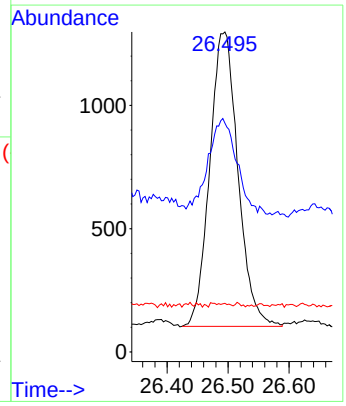
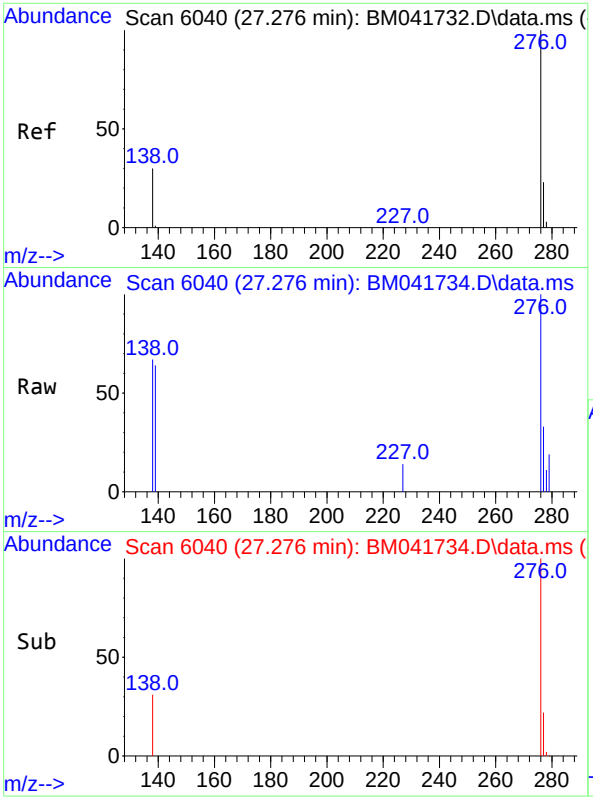


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng/ul
RT: 26.495 min Scan# 5807
Delta R.T. -0.007 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:276 Resp: 3835

Ion	Ratio	Lower	Upper
276	100		
138	36.5	26.4	39.6
227	0.0	0.1	0.1#

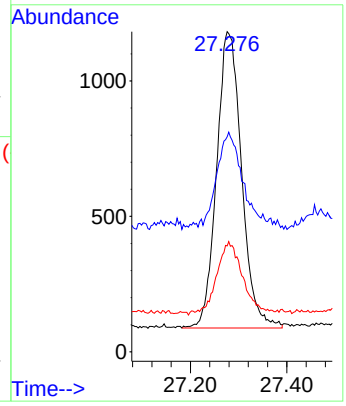




#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 27.276 min Scan# 6
Delta R.T. -0.010 min
Lab File: BM041734.D
Acq: 08 Sep 2023 17:20

Tgt Ion:276 Resp: 393

Ion	Ratio	Lower	Upper
276	100		
138	67.2	25.0	37.4#
277	33.1	20.2	30.2#



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