Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045663.D
Acq On : 01 May 2024 15:38
Operator : MA/JU
Sample : P2119-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF1DL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

Quant Time: May 01 16:07:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 09:34:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	532	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.320	136	1354	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.196	164	588	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	997	0.400	ng/ul	-0.02
17) Chrysene-d12	21.184	240	944	0.400	ng/ul	0.00
23) Perylene-d12	23.362	264	1588m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.154	96	469	0.658	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.958	152	63	0.035	ng/ul	0.03
18) Fluoranthene-d10	19.001	212	89	0.030	ng/ul	-0.01
Target Compounds						Qvalue
10) Acenaphthylene	13.918	152	107	0.037	ng/ul#	5
11) Acenaphthene	14.256	153	45	0.021	ng/ul#	82
12) Fluorene	15.264	166	48	0.021	ng/ul#	76
15) Phenanthrene	17.001	178	911	0.314	ng/ul#	91
16) Anthracene	17.102	178	154	0.057	ng/ul#	28
19) Fluoranthene	19.029	202	2067	0.474	ng/ul	99
20) Pyrene	19.396	202	1894	0.423	ng/ul	97
21) Benzo(a)anthracene	21.176	228	841	0.279	ng/ul#	87
22) Chrysene	21.220	228	1012	0.218	ng/ul#	89
24) Benzo(b)fluoranthene	22.710	252	1961m	0.367	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	854m	0.127	ng/ul	
26) Benzo(a)pyrene	23.262	252	1348	0.243	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.548	276	1479	0.184	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.565	278	330	0.052	ng/ul#	34
29) Benzo(g,h,i)perylene	26.209	276	1619	0.224	ng/ul#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045663.D
Acq On : 01 May 2024 15:38
Operator : MA/JU
Sample : P2119-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 01 16:07:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
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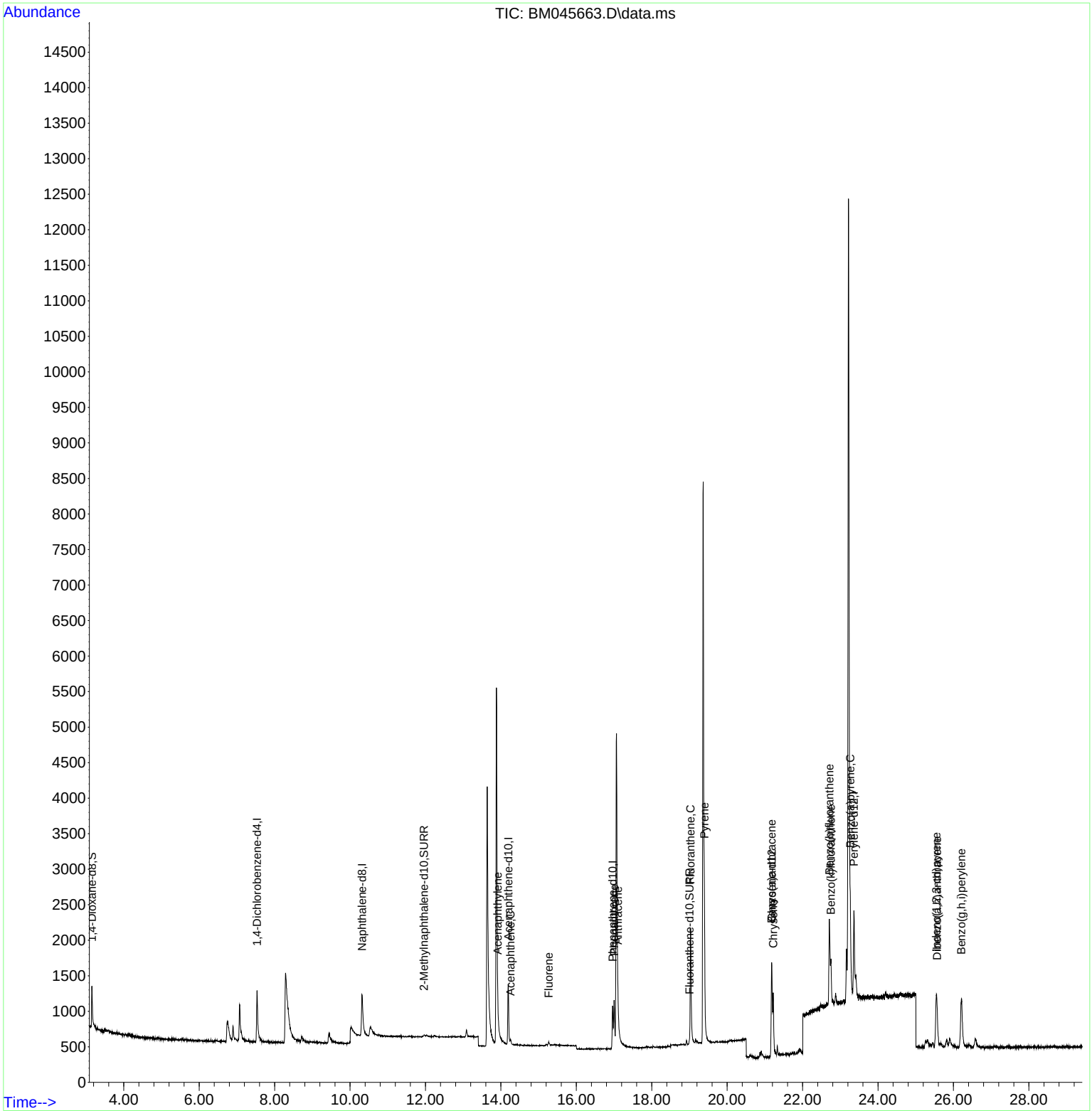
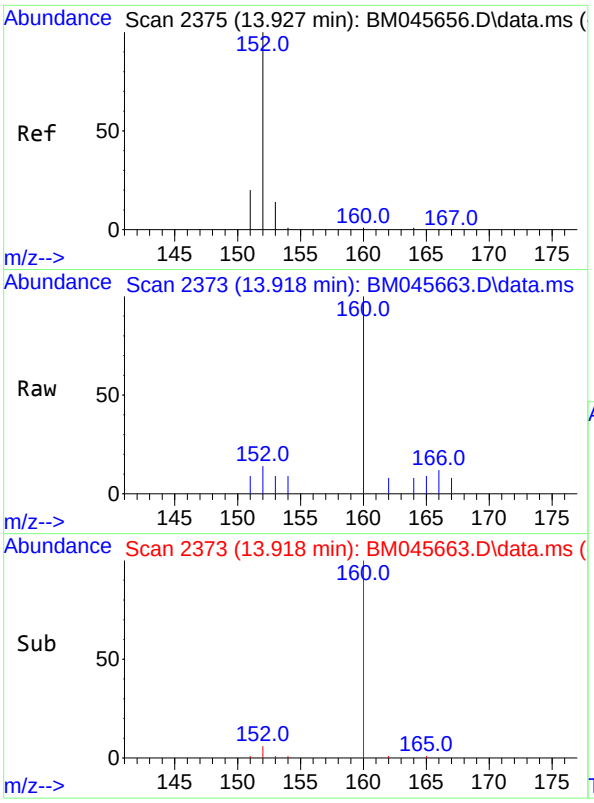
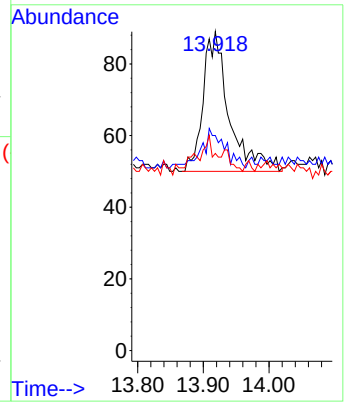




#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 13.918 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM045663.D
Acq: 01 May 2024 15:38

Tgt Ion:152 Resp: 10

Ion	Ratio	Lower	Upper
152	100		
151	67.4	18.6	28.0#
153	61.8	14.1	21.1#



Instrument :
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ClientSampleId :
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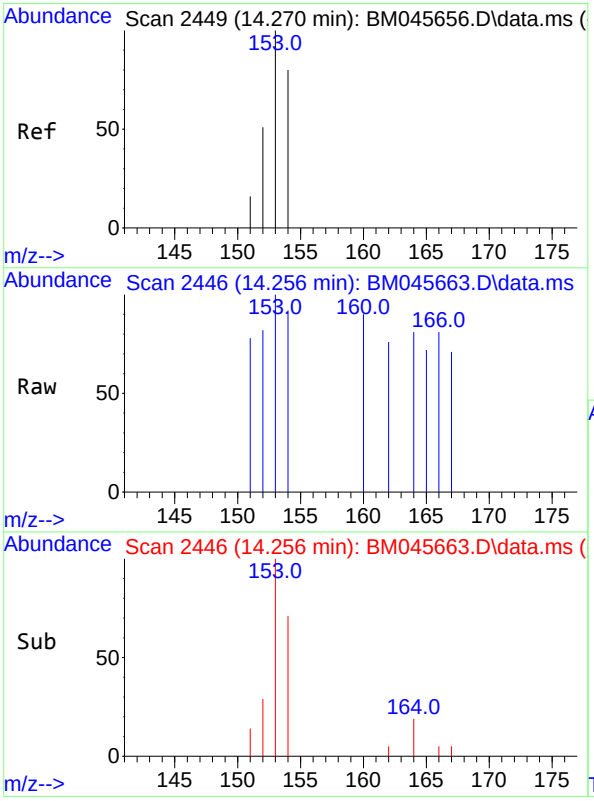
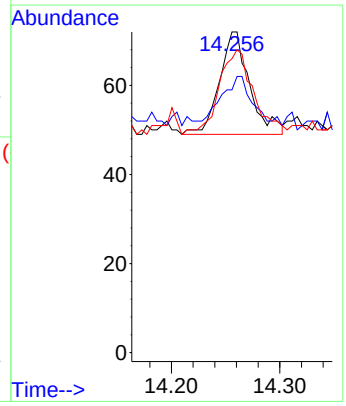
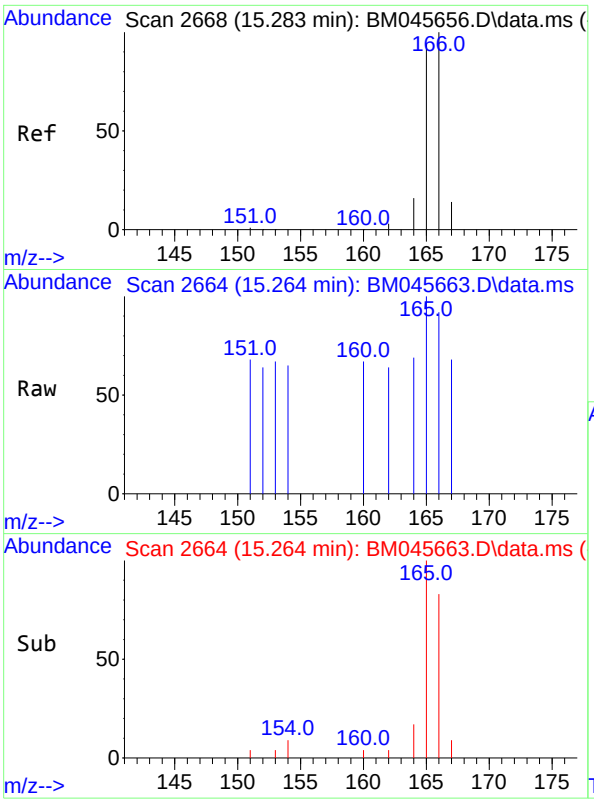


#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.256 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BM045663.D
Acq: 01 May 2024 15:38

Tgt Ion:153 Resp: 45

Ion	Ratio	Lower	Upper
153	100		
152	81.9	43.4	65.2#
154	91.7	69.0	103.6

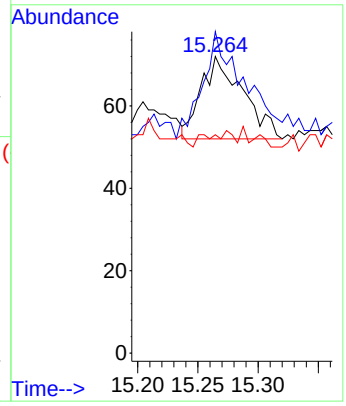




#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.264 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM045663.D
Acq: 01 May 2024 15:38

Tgt Ion:166 Resp: 4

Ion	Ratio	Lower	Upper
166	100		
165	108.3	82.2	123.2
167	73.6	14.8	22.2#



Instrument :
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ClientSampleId :
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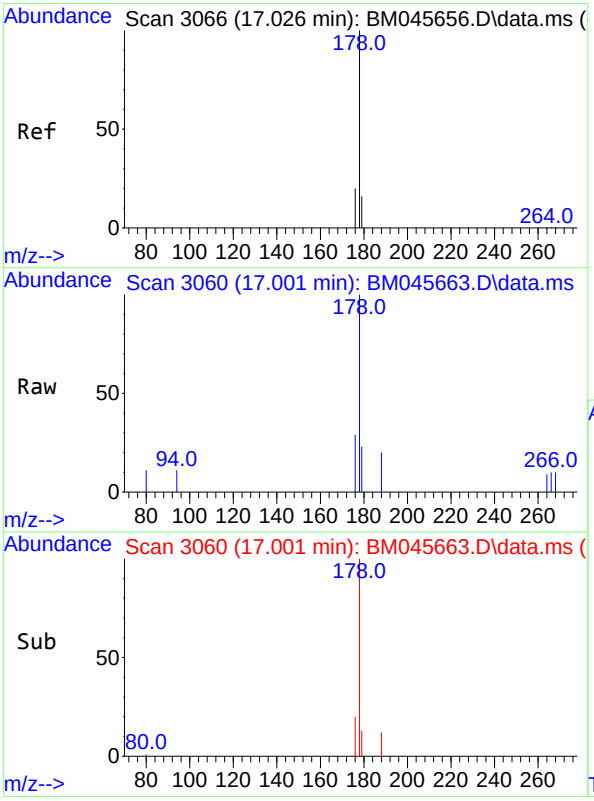
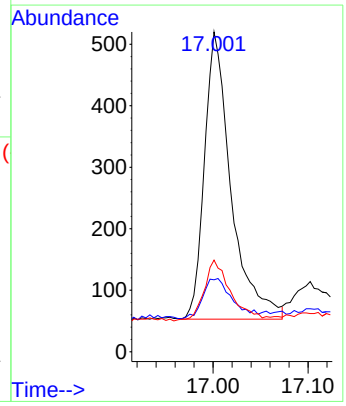
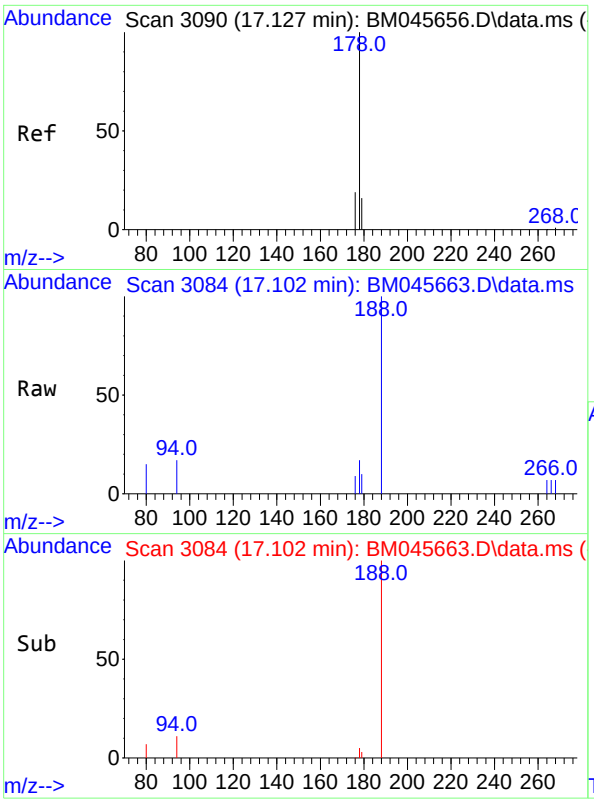


#15
Phenanthrene
Concen: 0.314 ng/ul
RT: 17.001 min Scan# 3060
Delta R.T. -0.021 min
Lab File: BM045663.D
Acq: 01 May 2024 15:38

Tgt Ion:178 Resp: 911

Ion	Ratio	Lower	Upper
178	100		
179	22.5	15.4	23.2
176	28.7	19.0	28.4#

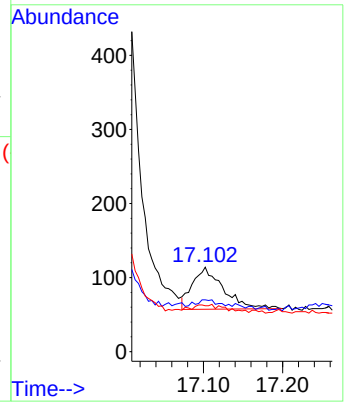




#16
Anthracene
Concen: 0.057 ng/ul
RT: 17.102 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM045663.D
Acq: 01 May 2024 15:38

Tgt Ion:178 Resp: 15

Ion	Ratio	Lower	Upper
178	100		
179	61.4	17.8	26.6#
176	54.4	18.7	28.1#



Instrument :
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ClientSampleId :
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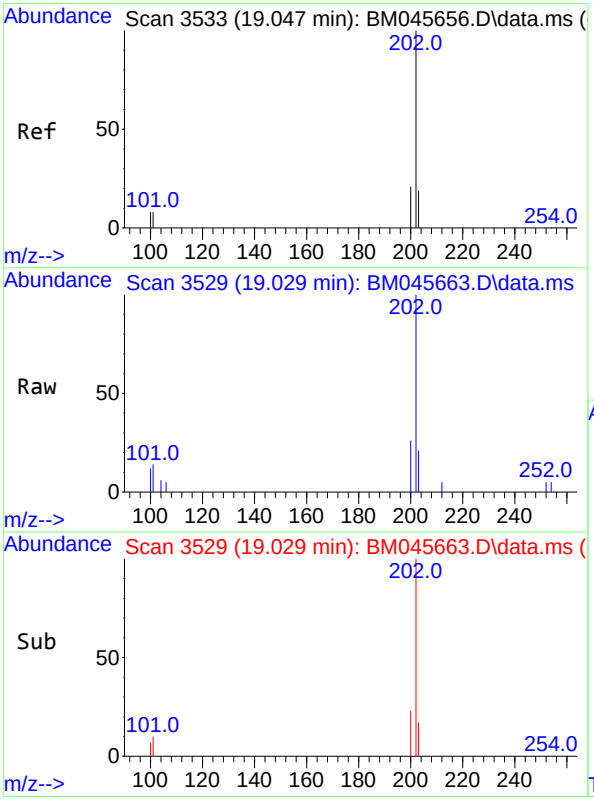
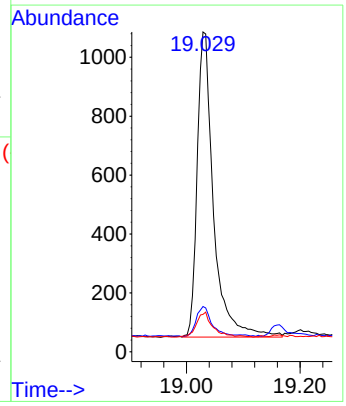
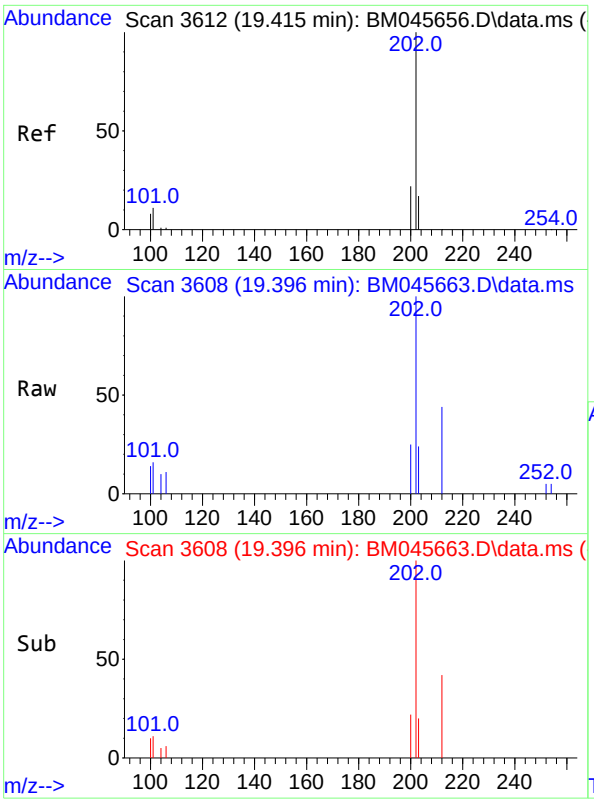


#19
Fluoranthene
Concen: 0.474 ng/ul
RT: 19.029 min Scan# 3529
Delta R.T. -0.018 min
Lab File: BM045663.D
Acq: 01 May 2024 15:38

Tgt Ion:202 Resp: 2067

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.2	16.8
100	11.7	9.1	13.7

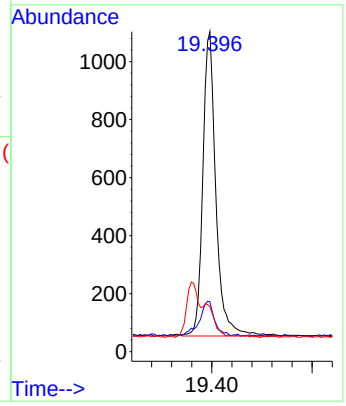




#20
Pyrene
Concen: 0.423 ng/ul
RT: 19.396 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM045663.D
Acq: 01 May 2024 15:38

Tgt Ion:202 Resp: 189

Ion	Ratio	Lower	Upper
202	100		
101	15.6	11.5	17.3
100	14.1	10.6	15.8



Instrument :
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ClientSampleId :
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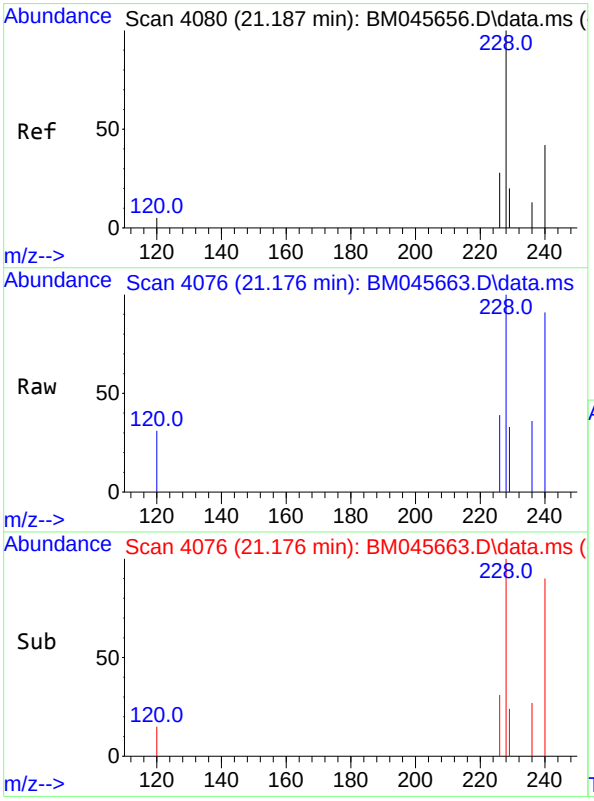
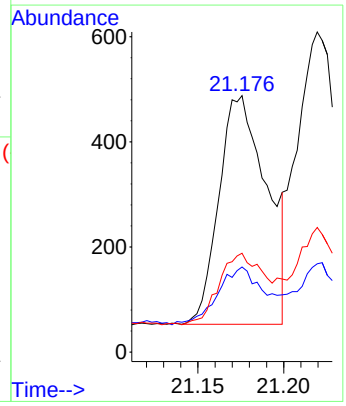
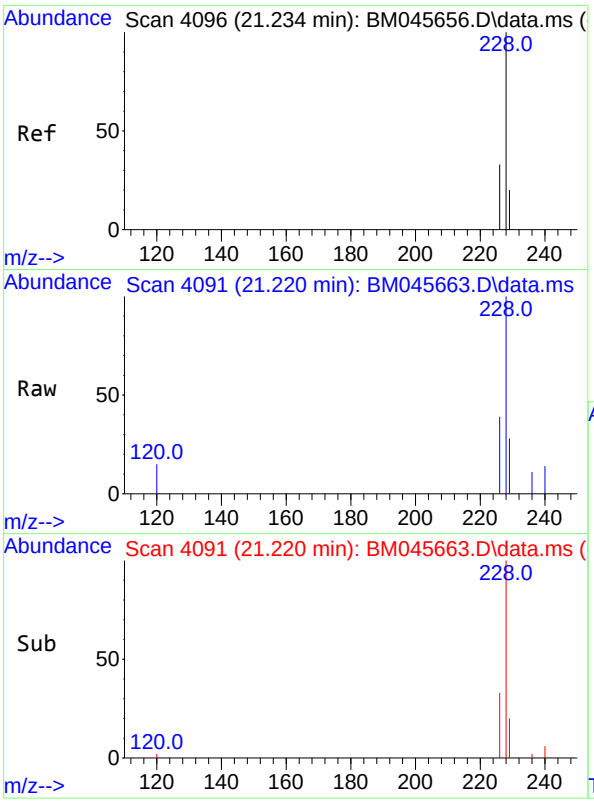


#21
Benzo(a)anthracene
Concen: 0.279 ng/ul
RT: 21.176 min Scan# 4076
Delta R.T. -0.006 min
Lab File: BM045663.D
Acq: 01 May 2024 15:38

Tgt Ion:228 Resp: 841

Ion	Ratio	Lower	Upper
228	100		
229	33.2	19.4	29.2#
226	38.5	26.3	39.5

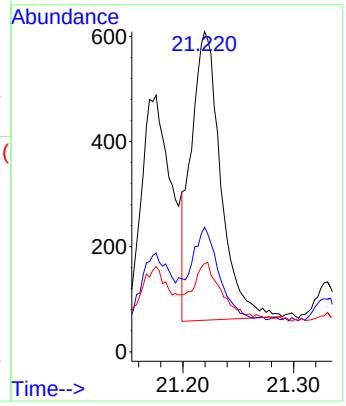




#22
Chrysene
Concen: 0.218 ng/ul
RT: 21.220 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM045663.D
Acq: 01 May 2024 15:38

Tgt Ion:228 Resp: 101

Ion	Ratio	Lower	Upper
228	100		
226	38.9	26.3	39.5
229	27.6	17.8	26.8



Instrument :
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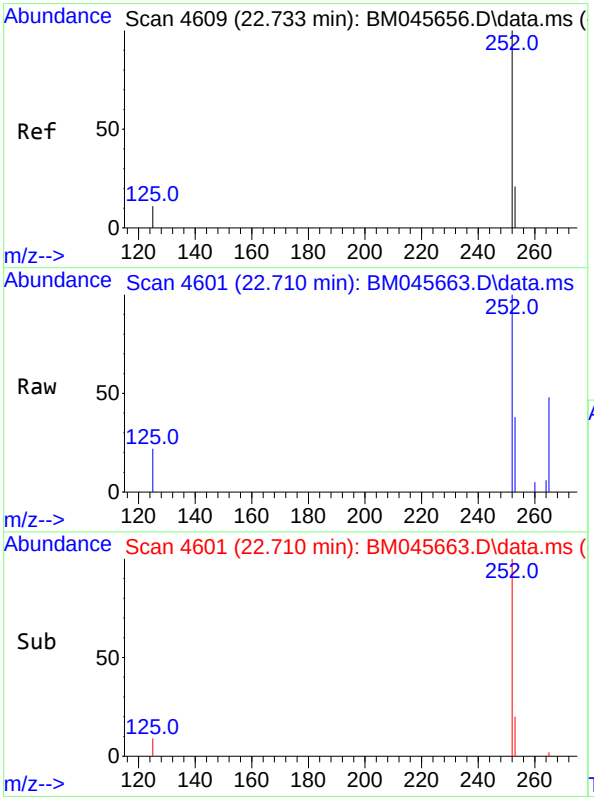
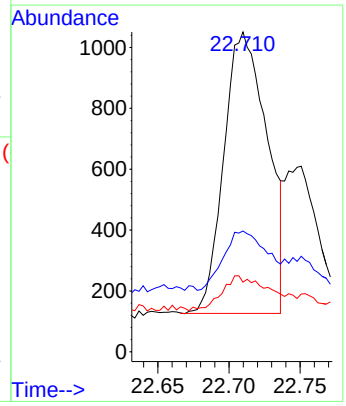
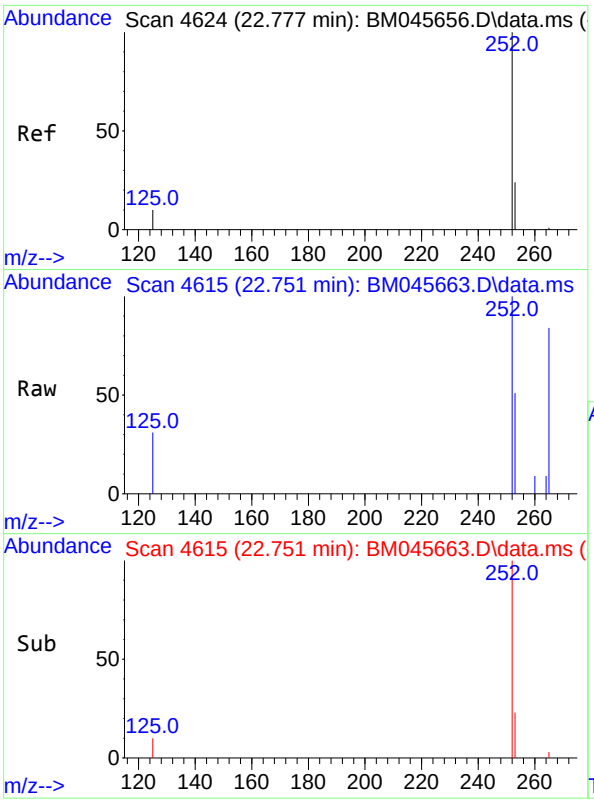


#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul m
RT: 22.710 min Scan# 4601
Delta R.T. -0.014 min
Lab File: BM045663.D
Acq: 01 May 2024 15:38

Tgt Ion:252 Resp: 1961

Ion	Ratio	Lower	Upper
252	100		
253	37.8	0.0	63.4
125	21.8	0.0	36.8

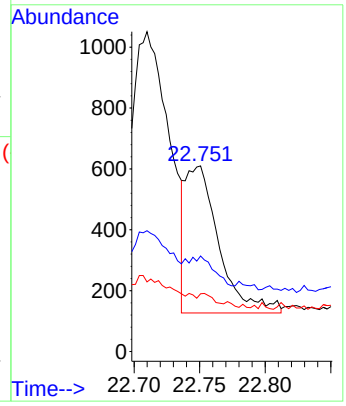




#25
Benzo(k)fluoranthene
Concen: 0.127 ng/ul m
RT: 22.751 min Scan# 4
Delta R.T. -0.017 min
Lab File: BM045663.D
Acq: 01 May 2024 15:38

Tgt Ion:252 Resp: 85

Ion	Ratio	Lower	Upper
252	100		
253	51.5	25.4	38.0#
125	31.1	14.8	22.2#



Instrument :
BNA_M
ClientSampleId :
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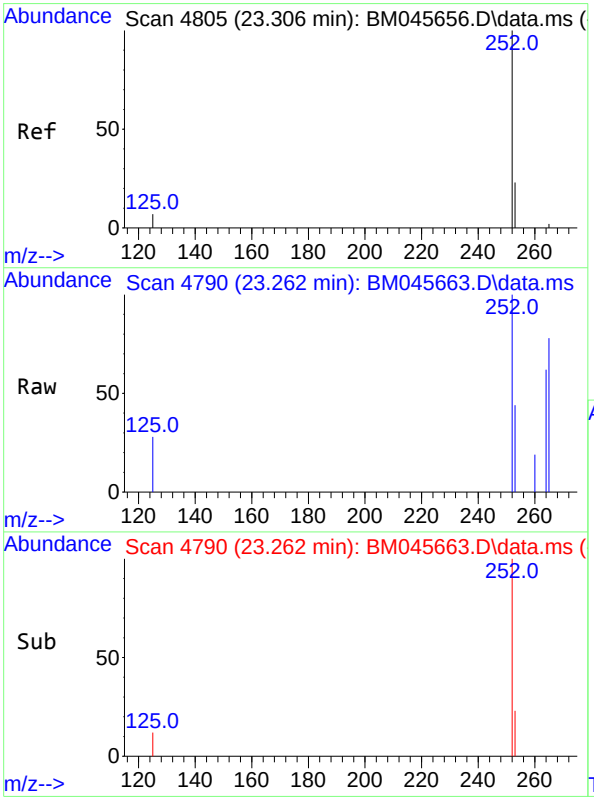
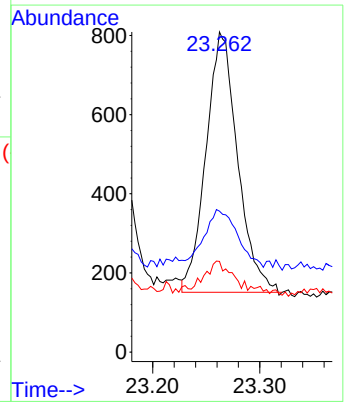
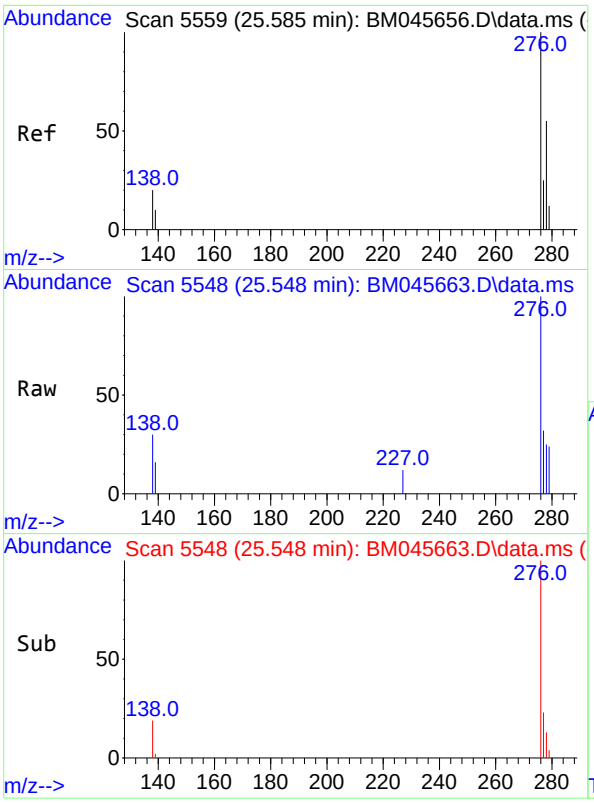


#26
Benzo(a)pyrene
Concen: 0.243 ng/ul
RT: 23.262 min Scan# 4790
Delta R.T. -0.029 min
Lab File: BM045663.D
Acq: 01 May 2024 15:38

Tgt Ion:252 Resp: 1348

Ion	Ratio	Lower	Upper
252	100		
253	44.0	31.6	47.4
125	28.3	19.5	29.3

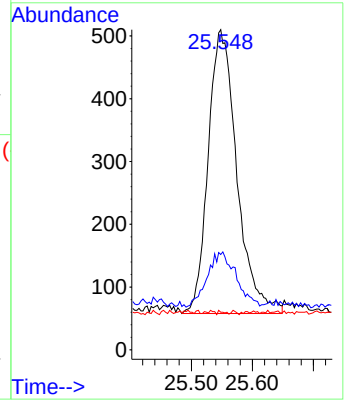




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.184 ng/ul
RT: 25.548 min Scan# 5
Delta R.T. -0.023 min
Lab File: BM045663.D
Acq: 01 May 2024 15:38

Tgt Ion:276 Resp: 147

Ion	Ratio	Lower	Upper
276	100		
138	19.6	19.8	29.6#
227	0.3	0.2	0.2#



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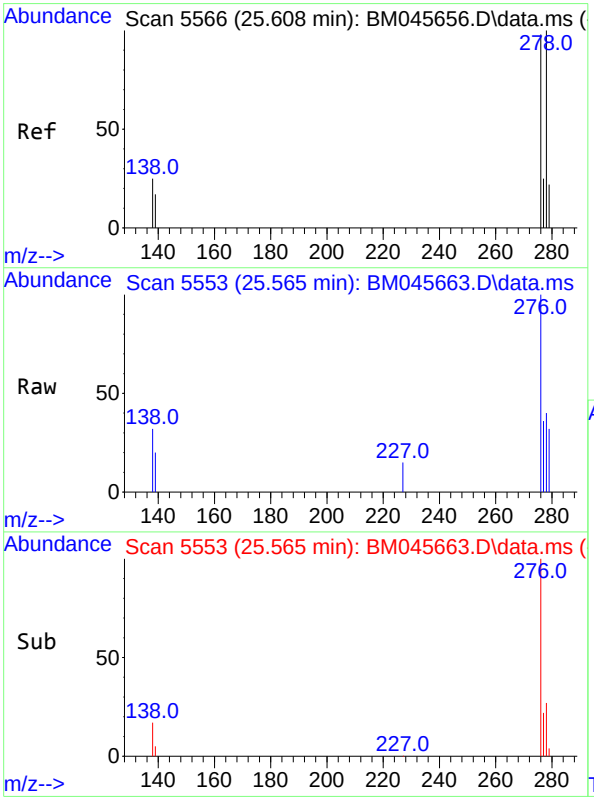
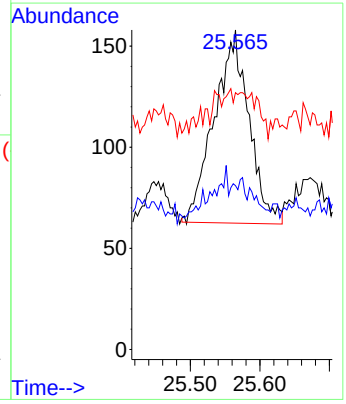
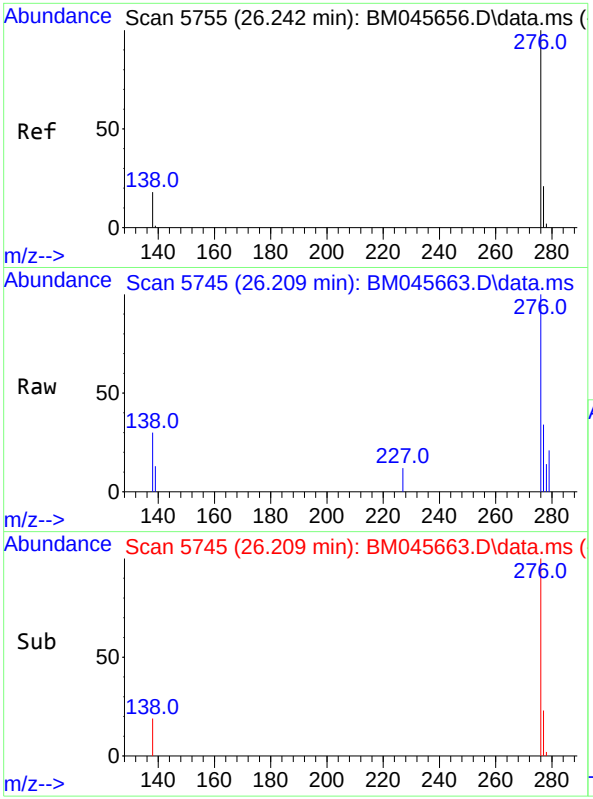


#28
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 25.565 min Scan# 5553
Delta R.T. -0.023 min
Lab File: BM045663.D
Acq: 01 May 2024 15:38

Tgt Ion:278 Resp: 330

Ion	Ratio	Lower	Upper
278	100		
139	51.3	19.0	28.6#
279	80.4	29.4	44.2#

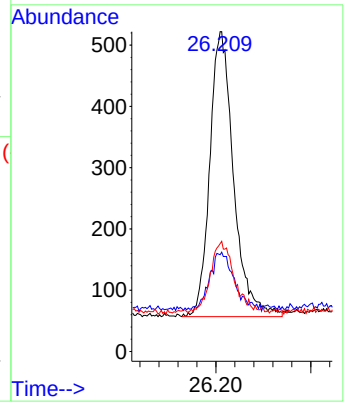




#29
Benzo(g,h,i)perylene
Concen: 0.224 ng/ul
RT: 26.209 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM045663.D
Acq: 01 May 2024 15:38

Tgt Ion:276 Resp: 161

Ion	Ratio	Lower	Upper
276	100		
138	30.3	20.8	31.2
277	33.7	21.8	32.8#



Instrument :
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