Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
Data File : BM031161.D
Acq On : 26 Jul 2021 13:56
Operator : CG/JU
Sample : M3010-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGED9DL

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Quant Time: Jul 26 14:26:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 10:45:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.635	152	1385	0.400	ng/ul		0.00
4) Naphthalene-d8	10.397	136	5289	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.262	164	3440	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.006	188	7329	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.193	240	6678	0.400	ng/ul		0.00
23) Perylene-d12	23.363	264	5949	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.217	96	656	0.451	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.993	152	259	0.028	ng/ul		0.00
18) Fluoranthene-d10	19.031	212	617	0.030	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.446	128	916	0.058	ng/ul	#	86
10) Acenaphthylene	13.977	152	344	0.024	ng/ul	#	68
11) Acenaphthene	14.322	153	273	0.022	ng/ul		95
15) Phenanthrene	17.044	178	5263	0.226	ng/ul		99
16) Anthracene	17.138	178	2595	0.119	ng/ul		97
19) Fluoranthene	19.066	202	22361	0.832	ng/ul		98
20) Pyrene	19.428	202	19118	0.697	ng/ul		98
21) Benzo(a)anthracene	21.176	228	11904	0.446	ng/ul		95
22) Chrysene	21.229	228	10468	0.363	ng/ul		97
24) Benzo(b)fluoranthene	22.721	252	12860m	0.460	ng/ul		
25) Benzo(k)fluoranthene	22.755	252	4998m	0.176	ng/ul		
26) Benzo(a)pyrene	23.268	252	9803	0.405	ng/ul	#	95
27) Indeno(1,2,3-cd)pyrene	25.514	276	4942	0.156	ng/ul	#	97
28) Dibenzo(a,h)anthracene	25.529	278	1288	0.051	ng/ul	#	59
29) Benzo(g,h,i)perylene	26.171	276	3436	0.128	ng/ul	#	91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
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Misc :
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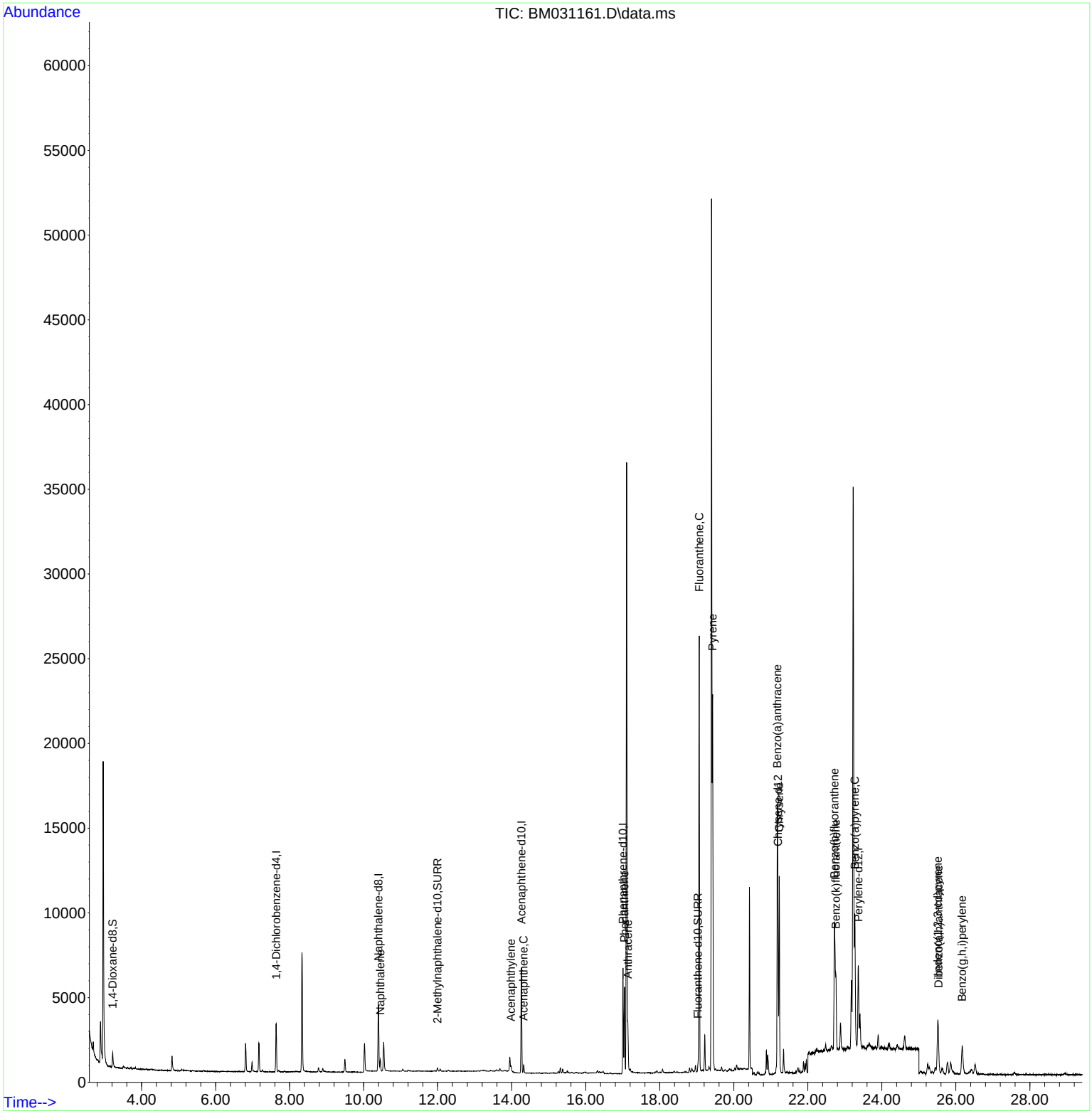
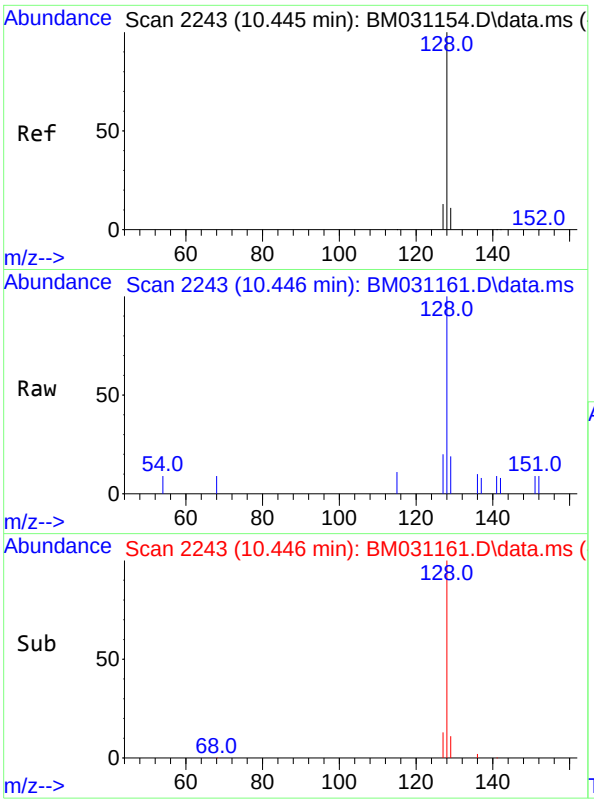
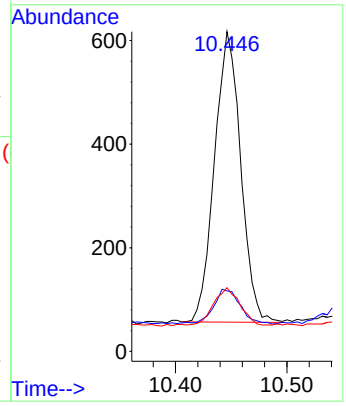




#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. 0.001 min
Lab File: BM031161.D
Acq: 26 Jul 2021 13:56

Tgt Ion:128 Resp: 916

Ion	Ratio	Lower	Upper
128	100		
129	19.0	10.2	15.4#
127	19.9	11.8	17.8#



Instrument :
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ClientSampleId :
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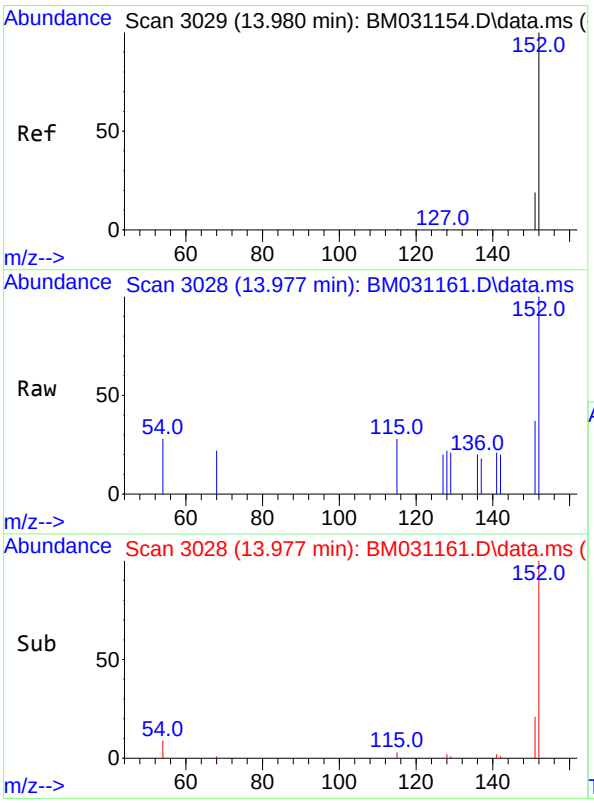
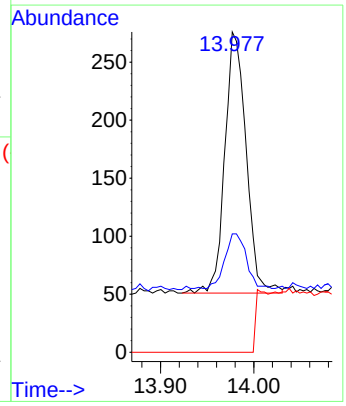
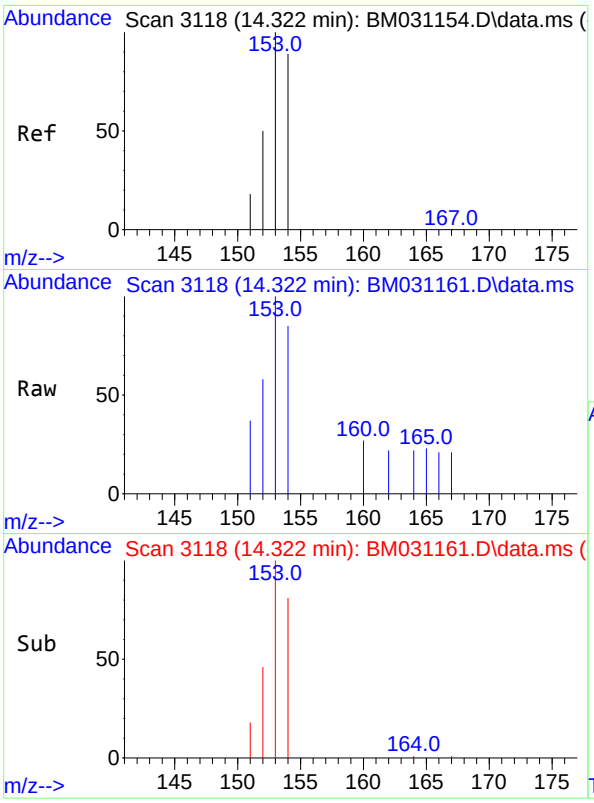


#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 13.977 min Scan# 3028
Delta R.T. -0.003 min
Lab File: BM031161.D
Acq: 26 Jul 2021 13:56

Tgt Ion:152 Resp: 344

Ion	Ratio	Lower	Upper
152	100		
151	37.0	17.5	26.3#
153	0.0	0.0	0.0

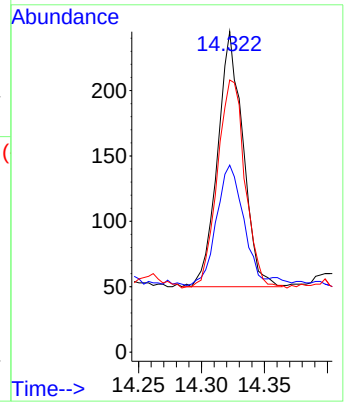




#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM031161.D
Acq: 26 Jul 2021 13:56

Tgt Ion:153 Resp: 273

Ion	Ratio	Lower	Upper
153	100		
152	58.4	39.4	59.2
154	84.9	68.2	102.4



Instrument :
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ClientSampleId :
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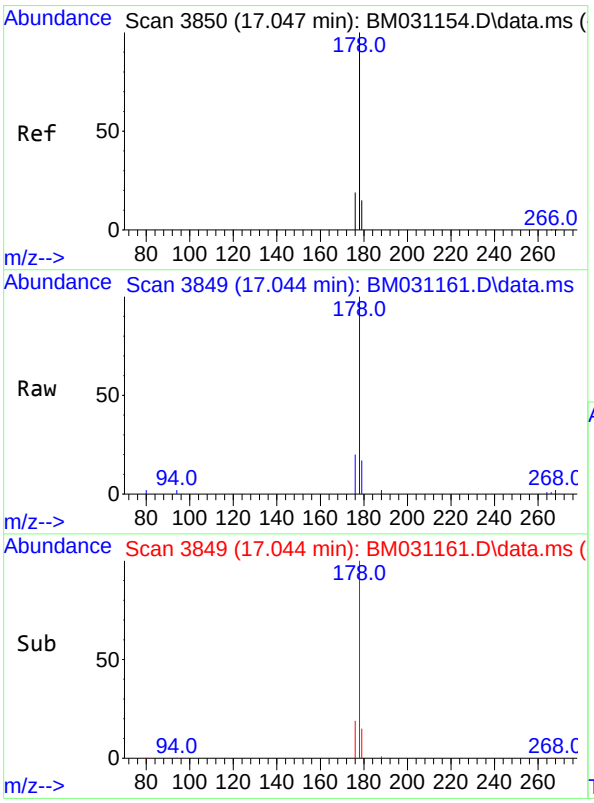
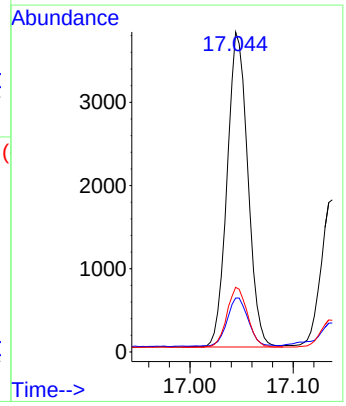
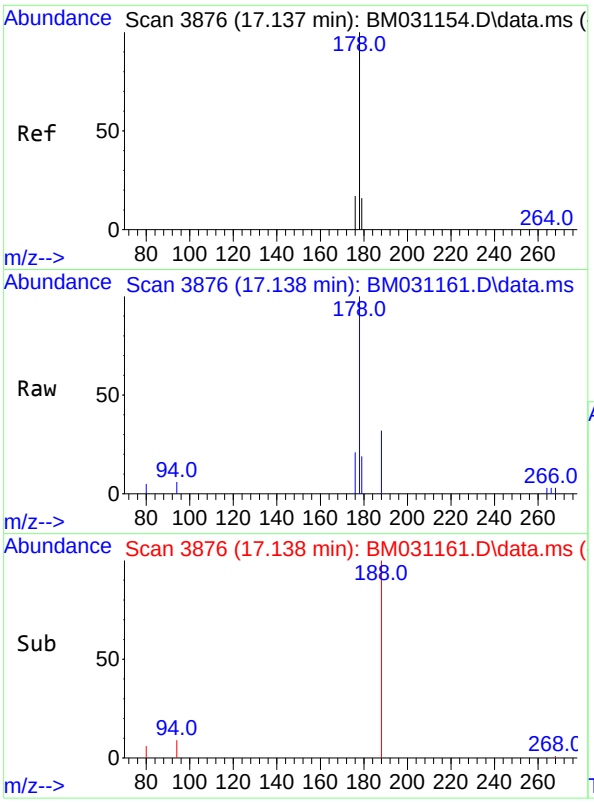


#15
Phenanthrene
Concen: 0.226 ng/ul
RT: 17.044 min Scan# 3849
Delta R.T. -0.003 min
Lab File: BM031161.D
Acq: 26 Jul 2021 13:56

Tgt Ion:178 Resp: 5263

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.3	19.9
176	20.2	15.4	23.2

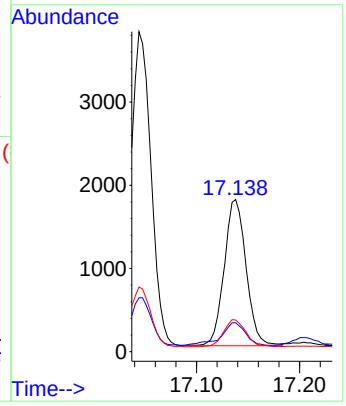




#16
Anthracene
Concen: 0.119 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. 0.000 min
Lab File: BM031161.D
Acq: 26 Jul 2021 13:56

Tgt Ion:178 Resp: 2595

Ion	Ratio	Lower	Upper
178	100		
179	19.1	13.8	20.8
176	20.8	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
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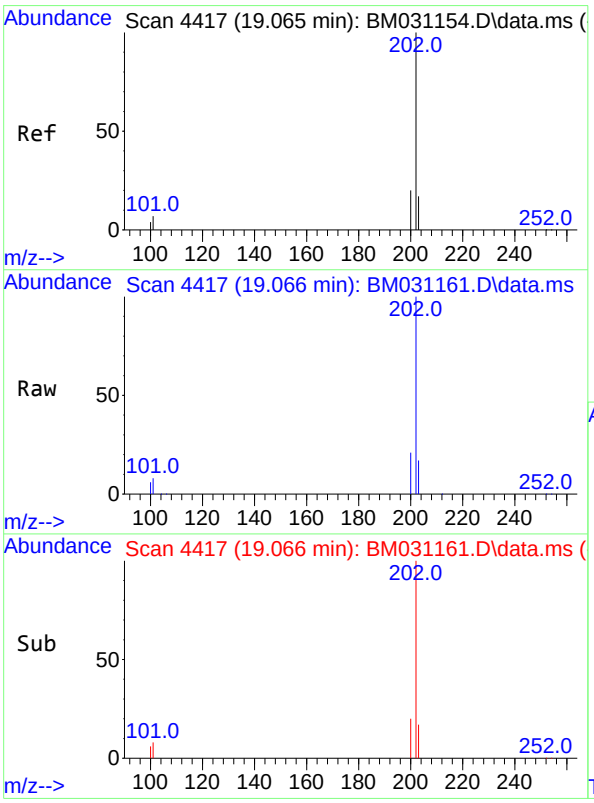
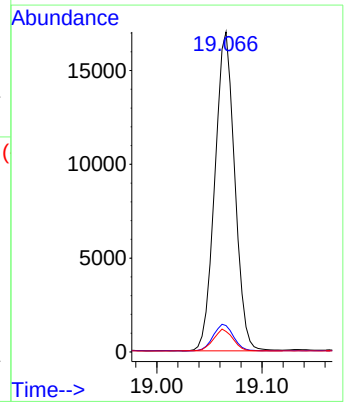
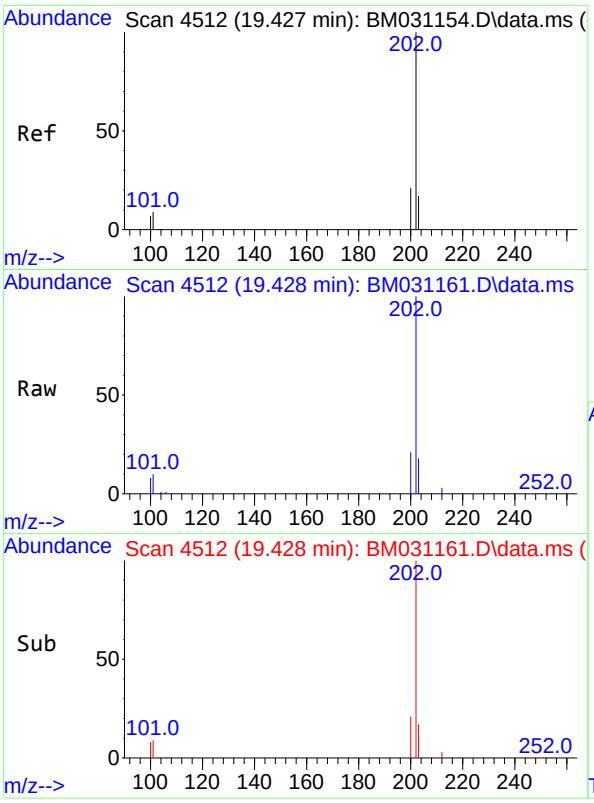


#19
Fluoranthene
Concen: 0.832 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. 0.000 min
Lab File: BM031161.D
Acq: 26 Jul 2021 13:56

Tgt Ion:202 Resp: 22361

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.0	9.0
100	6.4	4.8	7.2

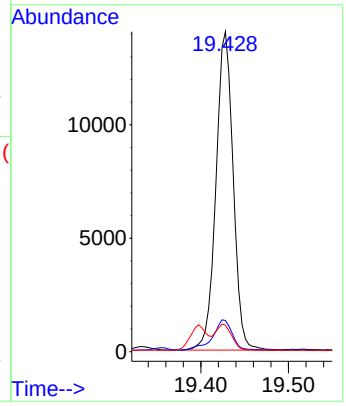


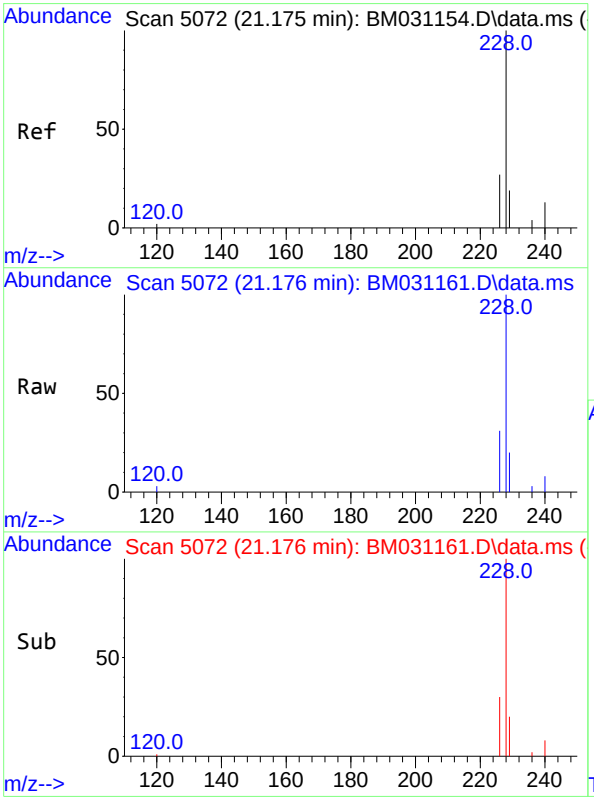


#20
Pyrene
Concen: 0.697 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. 0.000 min
Lab File: BM031161.D
Acq: 26 Jul 2021 13:56

Tgt Ion:202 Resp: 19118

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.4	11.0
100	8.3	6.0	9.0

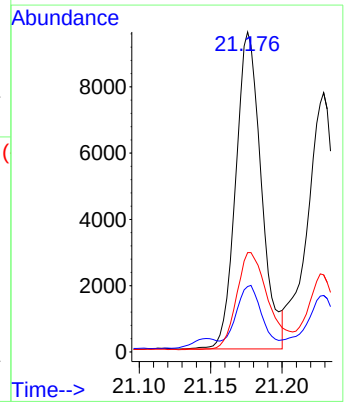




#21
Benzo(a)anthracene
Concen: 0.446 ng/ul
RT: 21.176 min Scan# 5072
Delta R.T. 0.000 min
Lab File: BM031161.D
Acq: 26 Jul 2021 13:56

Tgt Ion:228 Resp: 11904

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.0	24.0
226	31.0	21.4	32.2



Instrument :
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ClientSampleId :
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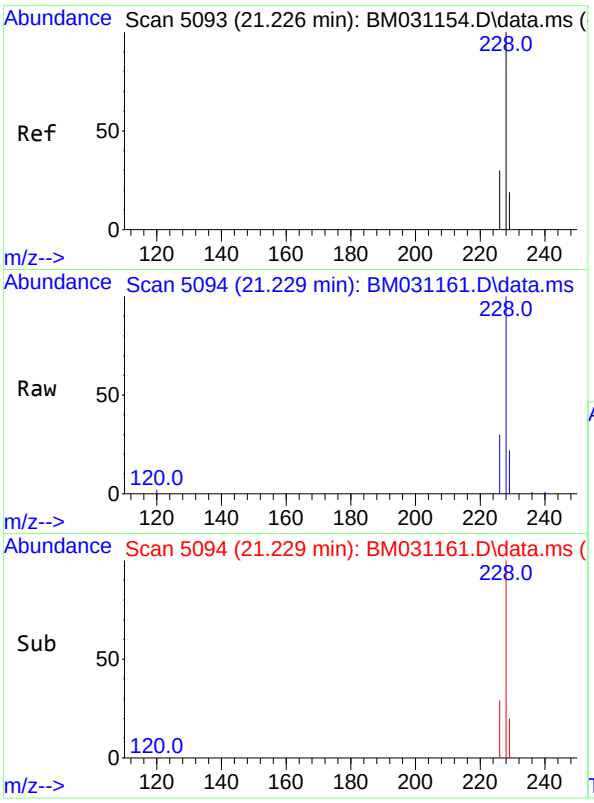
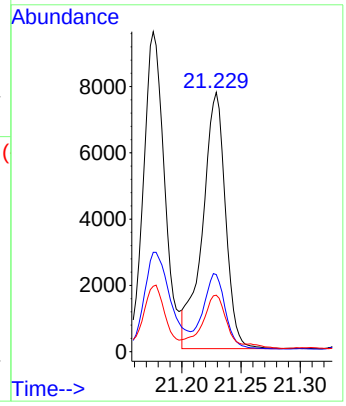


#22
Chrysene
Concen: 0.363 ng/ul
RT: 21.229 min Scan# 5094
Delta R.T. 0.003 min
Lab File: BM031161.D
Acq: 26 Jul 2021 13:56

Tgt Ion:228 Resp: 10468

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.5	36.7
229	21.8	15.8	23.8



Instrument :
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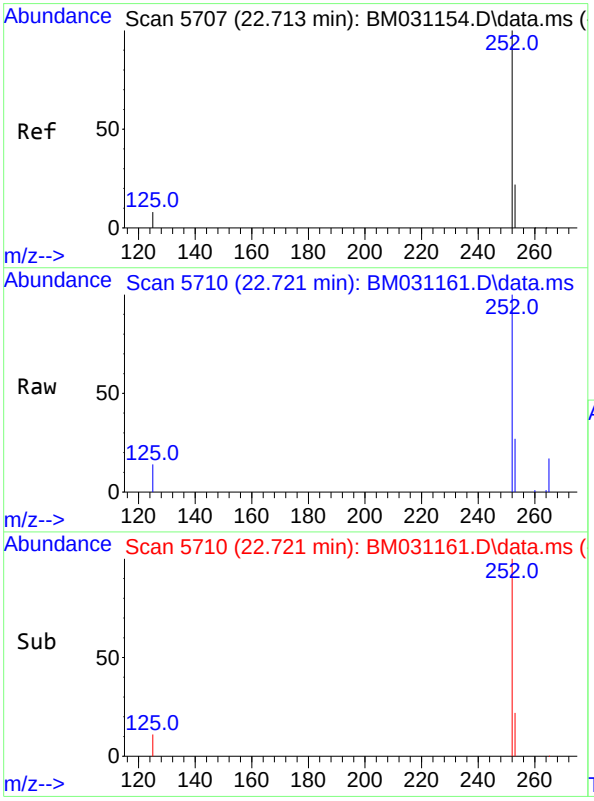
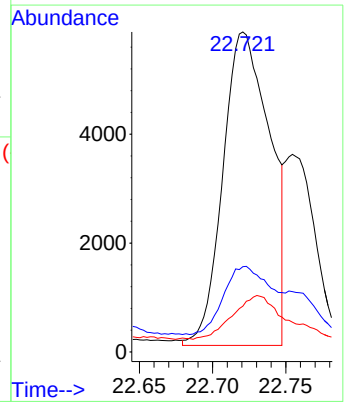
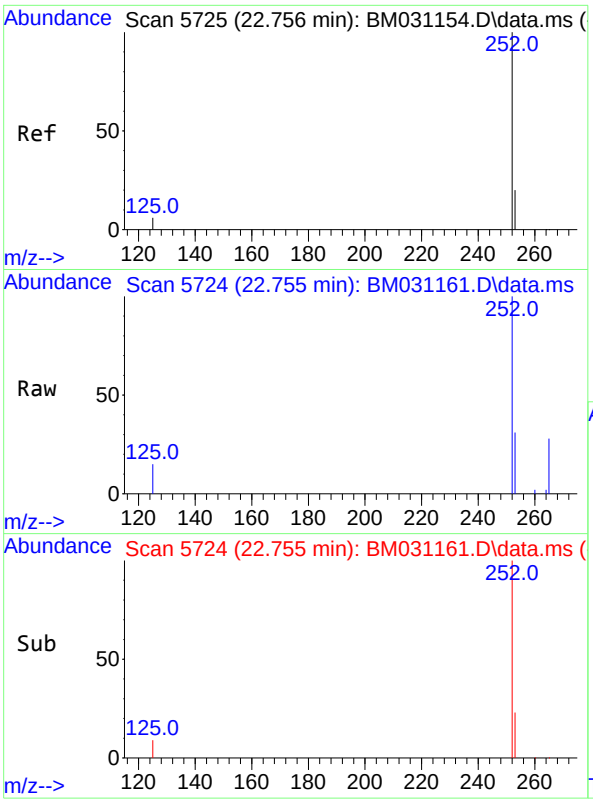


#24
Benzo(b)fluoranthene
Concen: 0.460 ng/ul m
RT: 22.721 min Scan# 5710
Delta R.T. 0.008 min
Lab File: BM031161.D
Acq: 26 Jul 2021 13:56

Tgt Ion:252 Resp: 12860

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	52.8
125	14.3	0.0	20.2

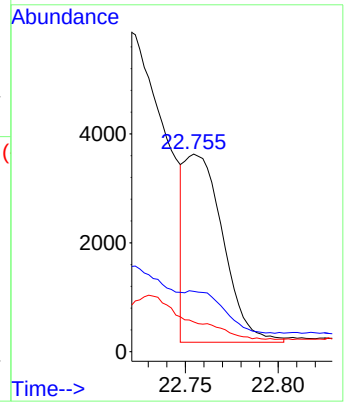




#25
Benzo(k)fluoranthene
Concen: 0.176 ng/ul m
RT: 22.755 min Scan# 5724
Delta R.T. -0.002 min
Lab File: BM031161.D
Acq: 26 Jul 2021 13:56

Tgt Ion:252 Resp: 4998

Ion	Ratio	Lower	Upper
252	100		
253	30.5	21.6	32.4
125	15.1	8.6	13.0#



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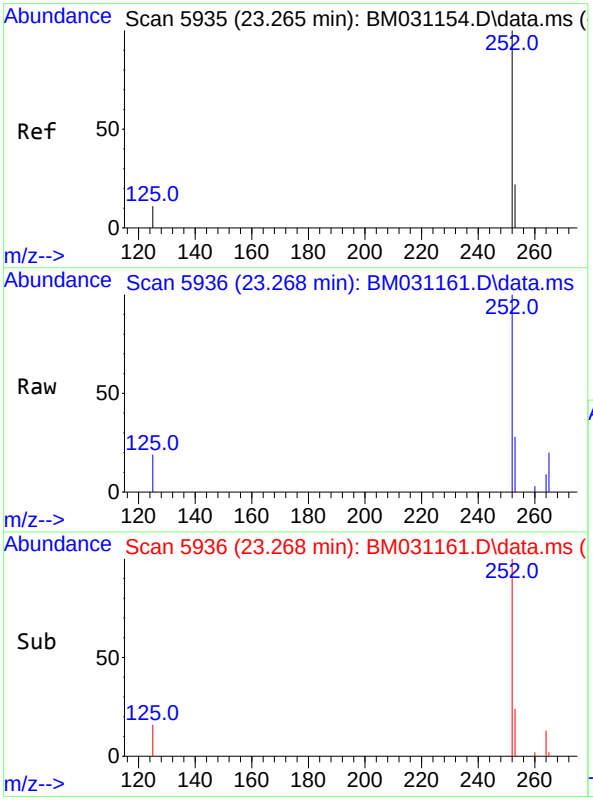
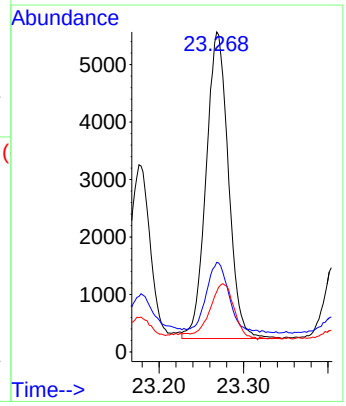
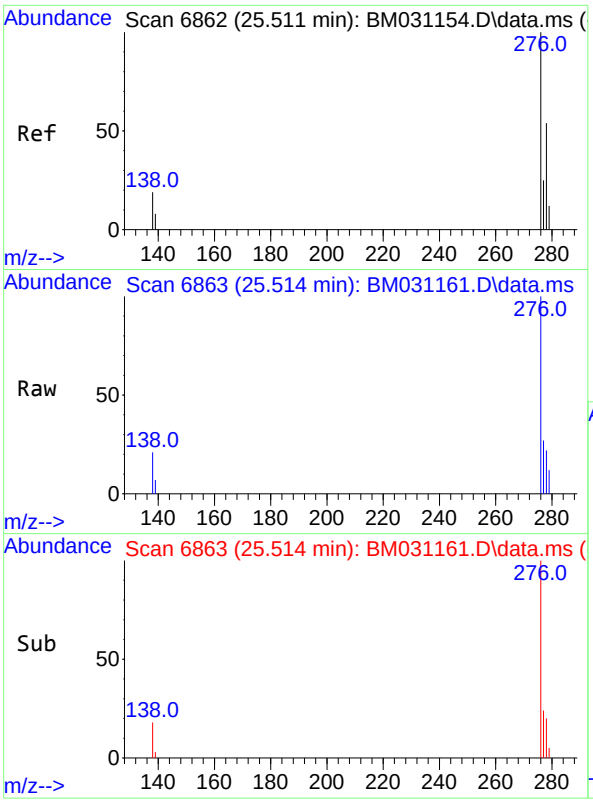


#26
Benzo(a)pyrene
Concen: 0.405 ng/ul
RT: 23.268 min Scan# 5936
Delta R.T. 0.003 min
Lab File: BM031161.D
Acq: 26 Jul 2021 13:56

Tgt Ion:252 Resp: 9803

Ion	Ratio	Lower	Upper
252	100		
253	28.0	23.1	34.7
125	18.9	10.7	16.1#

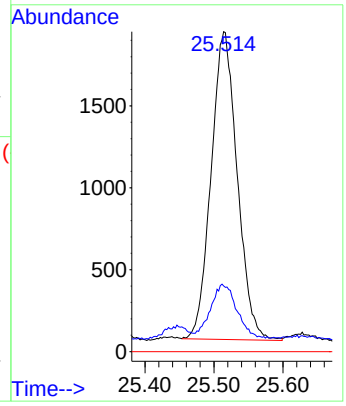


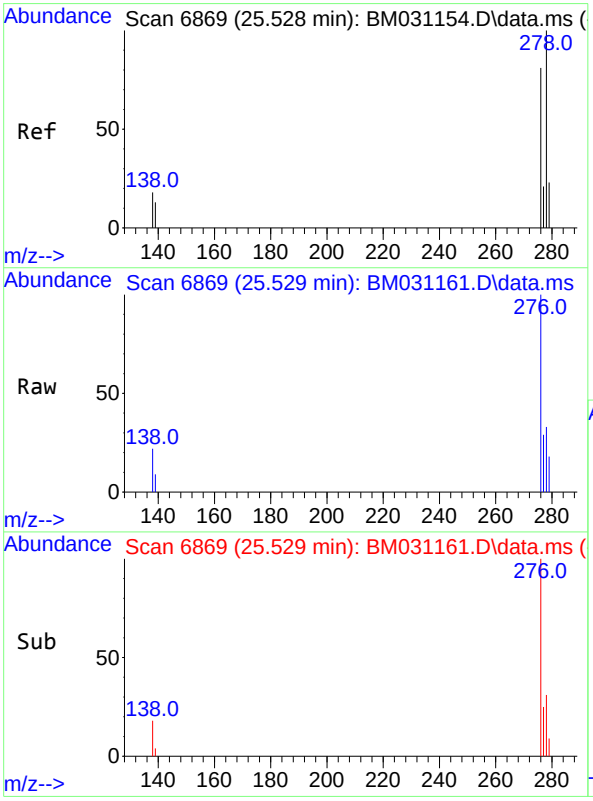


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.156 ng/ul
RT: 25.514 min Scan# 6863
Delta R.T. 0.003 min
Lab File: BM031161.D
Acq: 26 Jul 2021 13:56

Tgt Ion:276 Resp: 4942

Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.4	23.0
227	0.0	0.0	0.0

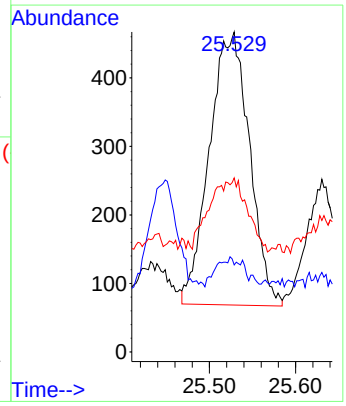




#28
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 25.529 min Scan# 6869
Delta R.T. 0.000 min
Lab File: BM031161.D
Acq: 26 Jul 2021 13:56

Tgt Ion:278 Resp: 1288

Ion	Ratio	Lower	Upper
278	100		
139	27.2	12.6	18.8#
279	54.4	22.6	34.0#



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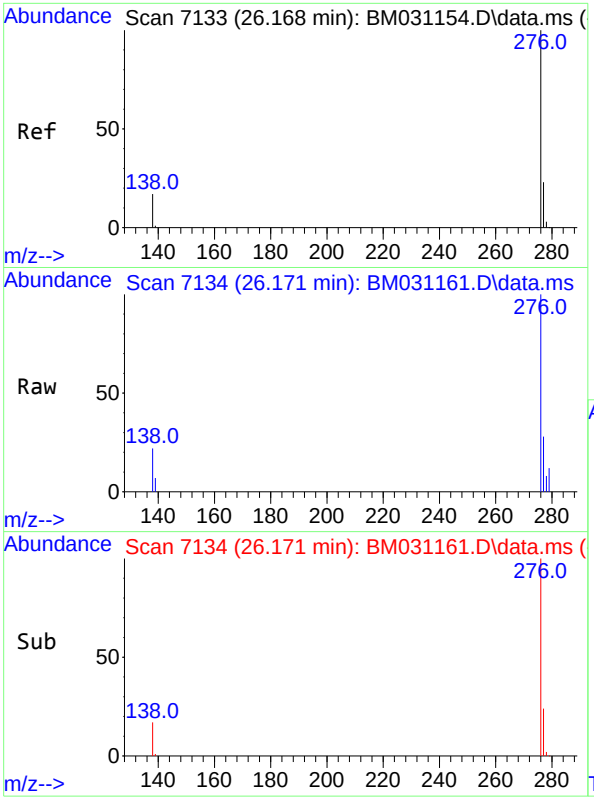
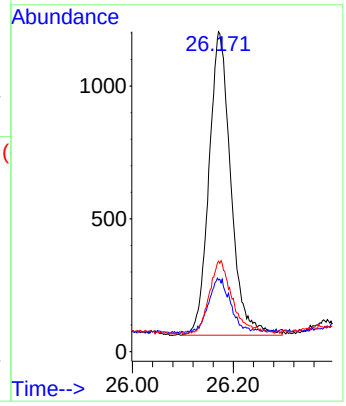


#29
Benzo(g,h,i)perylene
Concen: 0.128 ng/ul
RT: 26.171 min Scan# 7134
Delta R.T. 0.003 min
Lab File: BM031161.D
Acq: 26 Jul 2021 13:56

Tgt Ion:276 Resp: 3436

Ion	Ratio	Lower	Upper
276	100		
138	22.4	14.0	21.0#
277	28.3	19.9	29.9



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