Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
Data File : BM030881.D
Acq On : 08 Jul 2021 12:49
Operator : CG/JU
Sample : M2825-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 08 13:32:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 10:44:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDQ4DL

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	2260	0.400	ng/ul	0.00
4) Naphthalene-d8	10.558	136	8725	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.398	164	4653	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.138	188	7586	0.400	ng/ul	-0.01
17) Chrysene-d12	21.306	240	6098	0.400	ng/ul	0.00
23) Perylene-d12	23.554	264	5637	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	588	0.239	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.169	152	390	0.028	ng/ul	0.01
18) Fluoranthene-d10	19.157	212	615	0.035	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.608	128	1974	0.079	ng/ul#	87
10) Acenaphthylene	14.117	152	2228	0.107	ng/ul#	89
11) Acenaphthene	14.462	153	1604	0.095	ng/ul	98
12) Fluorene	15.452	166	1467	0.079	ng/ul#	98
15) Phenanthrene	17.179	178	19816	0.777	ng/ul	100
16) Anthracene	17.273	178	8073	0.361	ng/ul	97
19) Fluoranthene	19.188	202	61363	2.280	ng/ul	98
20) Pyrene	19.550	202	48516	1.793	ng/ul	98
21) Benzo(a)anthracene	21.292	228	28743	1.182	ng/ul	97
22) Chrysene	21.343	228	24438	0.897	ng/ul	98
24) Benzo(b)fluoranthene	22.878	252	32677m	1.309	ng/ul	
25) Benzo(k)fluoranthene	22.917	252	13746m	0.534	ng/ul	
26) Benzo(a)pyrene	23.452	252	20097	0.946	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.822	276	13866	0.501	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.826	278	3659	0.165	ng/ul#	76
29) Benzo(g,h,i)perylene	26.517	276	1757	0.073	ng/ul#	76

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

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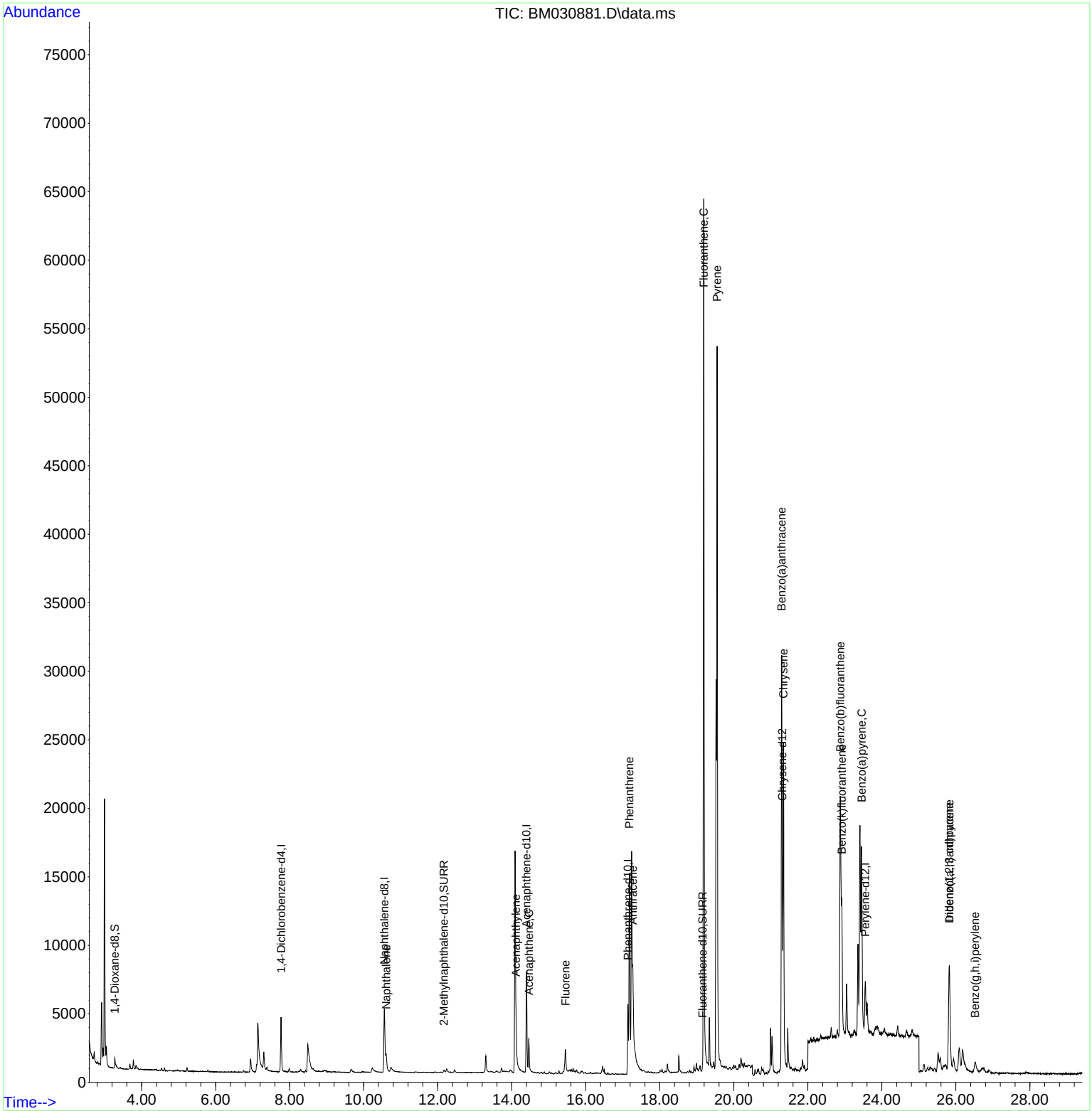
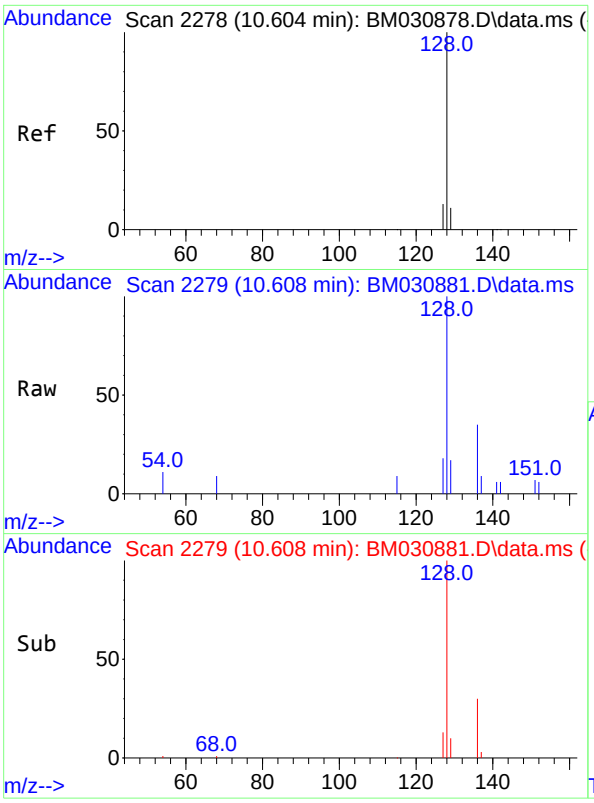
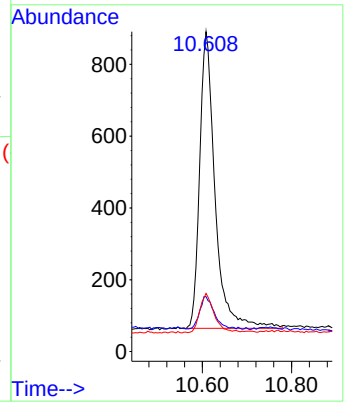




#5
Naphthalene
Concen: 0.079 ng/ul
RT: 10.608 min Scan# 2279
Delta R.T. 0.004 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:128 Resp: 1974

Ion	Ratio	Lower	Upper
128	100		
129	17.2	9.0	13.6#
127	18.2	10.9	16.3#



Instrument :
BNA_M
ClientSampleId :
BGDQ4DL

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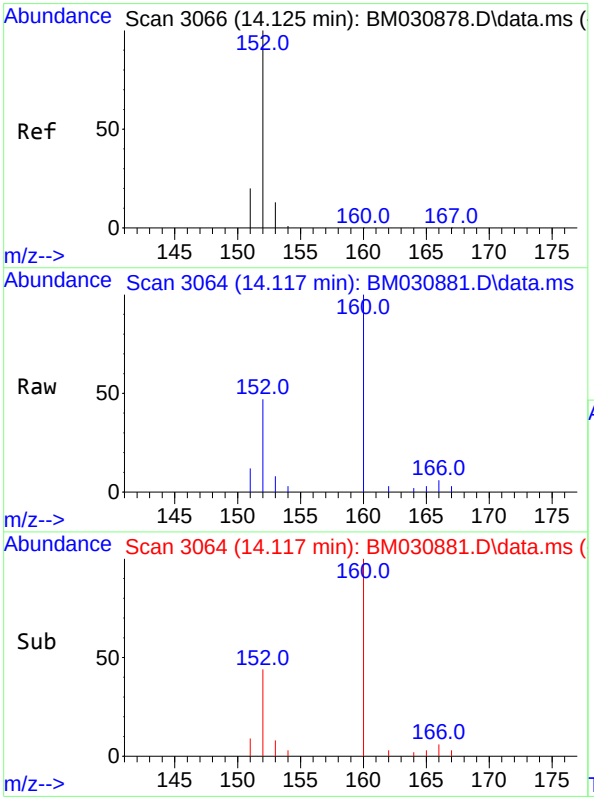
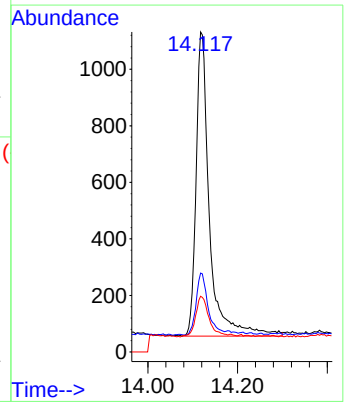
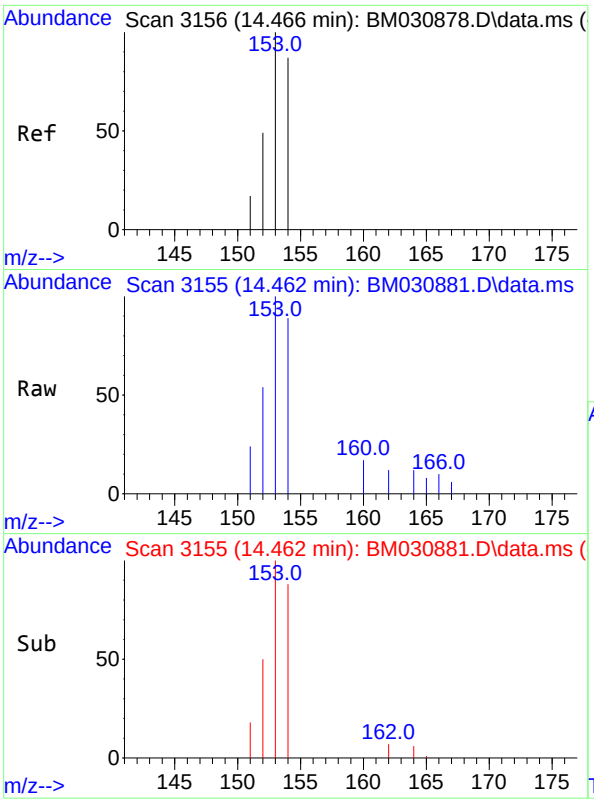


#10
Acenaphthylene
Concen: 0.107 ng/ul
RT: 14.117 min Scan# 3064
Delta R.T. -0.008 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:152 Resp: 2228

Ion	Ratio	Lower	Upper
152	100		
151	24.6	15.5	23.3#
153	17.4	10.7	16.1#

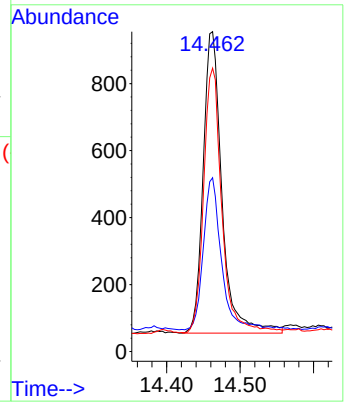




#11
Acenaphthene
Concen: 0.095 ng/ul
RT: 14.462 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:153 Resp: 1604

Ion	Ratio	Lower	Upper
153	100		
152	54.3	40.2	60.2
154	88.6	71.2	106.8



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ClientSampleId :
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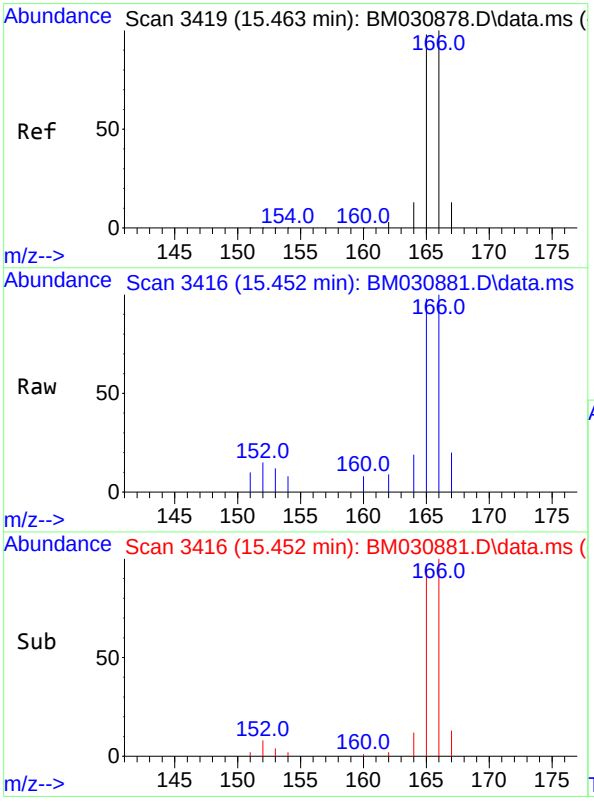
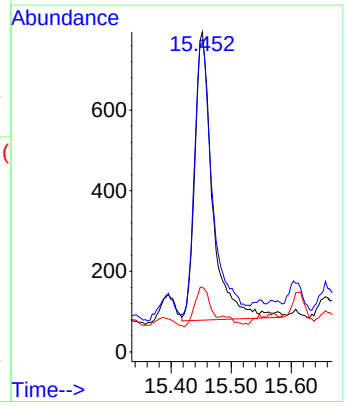
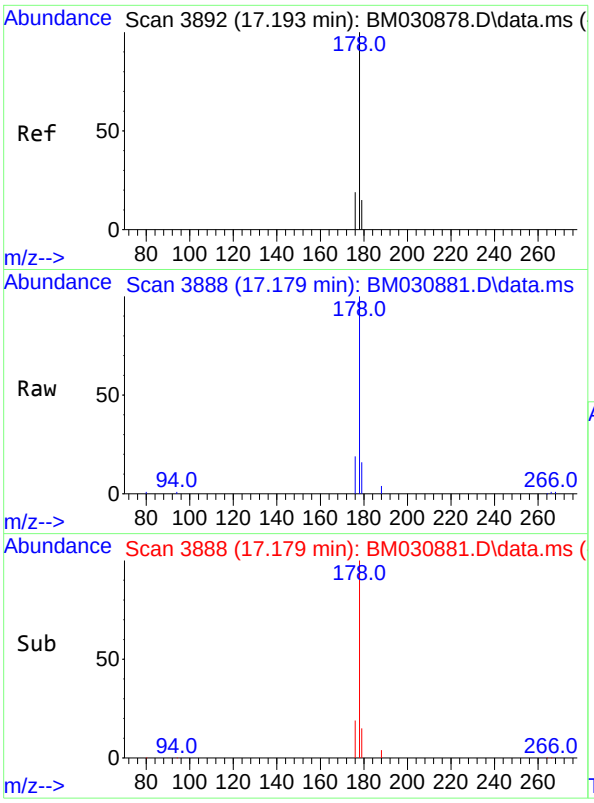


#12
Fluorene
Concen: 0.079 ng/ul
RT: 15.452 min Scan# 3416
Delta R.T. -0.011 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:166 Resp: 1467

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.7	116.5
167	20.3	11.3	16.9#

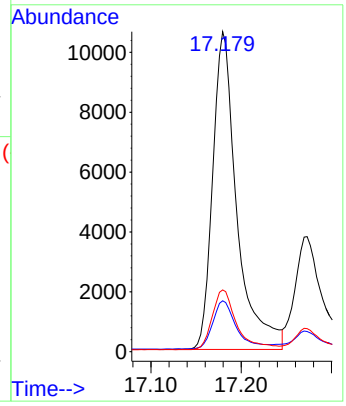




#15
Phenanthrene
Concen: 0.777 ng/ul
RT: 17.179 min Scan# 3888
Delta R.T. -0.014 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:178 Resp: 19816

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	19.3	15.5	23.3



Instrument :
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ClientSampleId :
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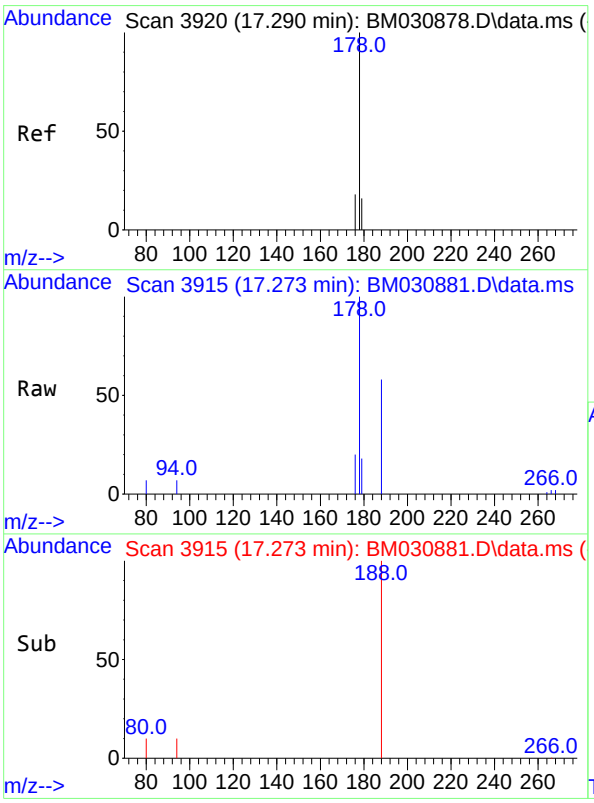
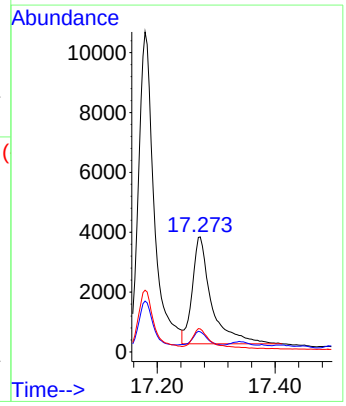
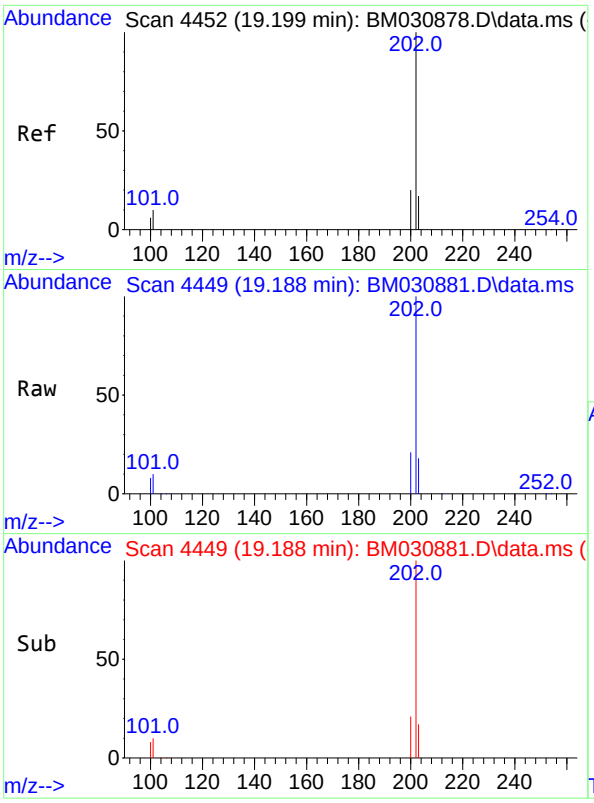


#16
Anthracene
Concen: 0.361 ng/ul
RT: 17.273 min Scan# 3915
Delta R.T. -0.017 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:178 Resp: 8073

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.7	19.1
176	20.0	15.2	22.8

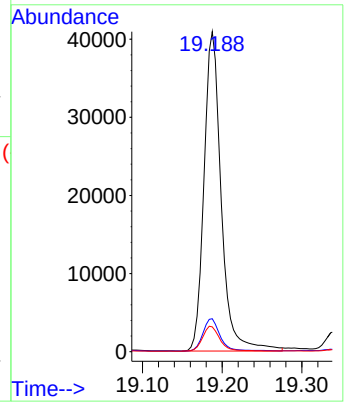


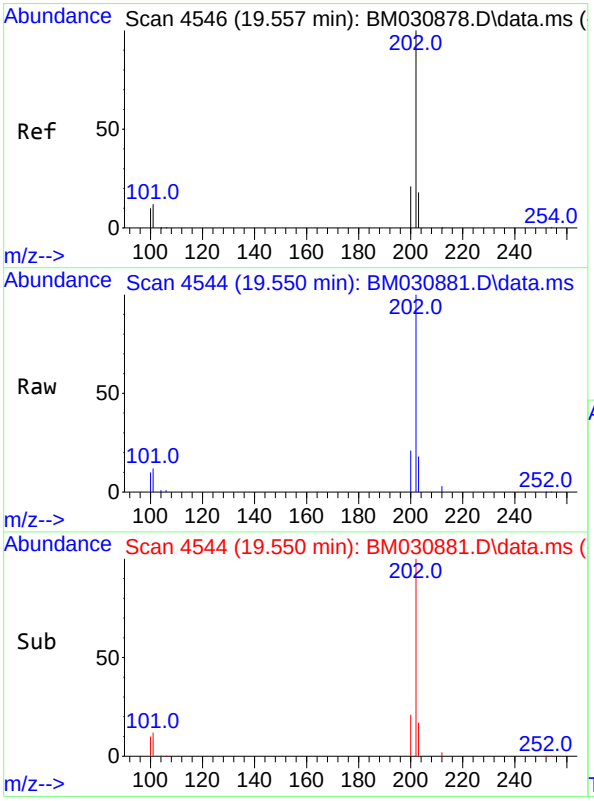


#19
Fluoranthene
Concen: 2.280 ng/ul
RT: 19.188 min Scan# 4449
Delta R.T. -0.011 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:202 Resp: 61363

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.8	13.2
100	7.7	6.9	10.3

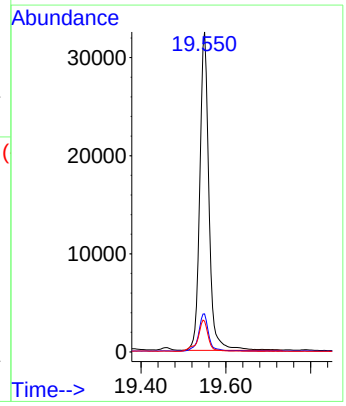




#20
Pyrene
Concen: 1.793 ng/ul
RT: 19.550 min Scan# 4544
Delta R.T. -0.008 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:202 Resp: 48516

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.1	15.1
100	9.6	8.2	12.2



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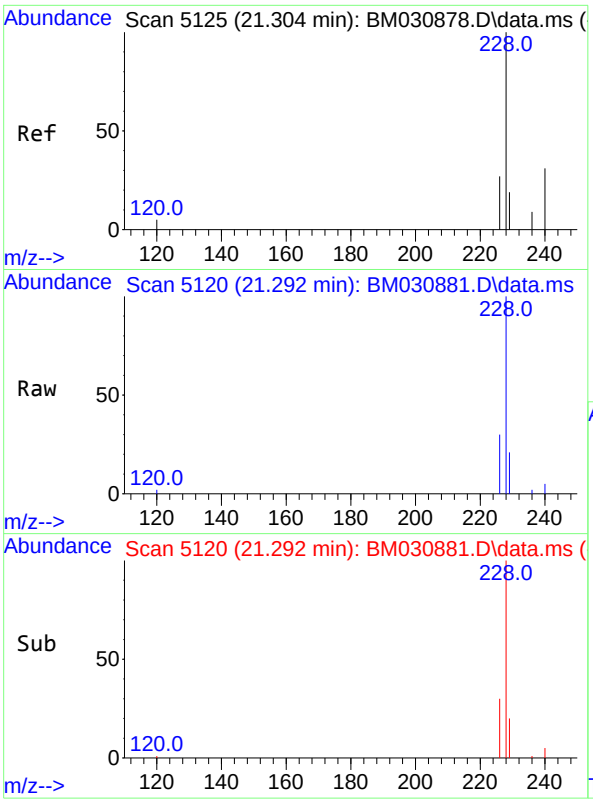
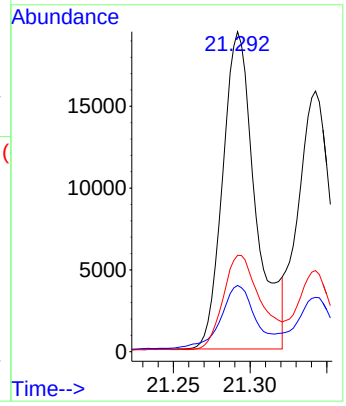


#21
Benzo(a)anthracene
Concen: 1.182 ng/ul
RT: 21.292 min Scan# 5120
Delta R.T. -0.012 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:228 Resp: 28743

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.6
226	30.1	22.2	33.4



Instrument :
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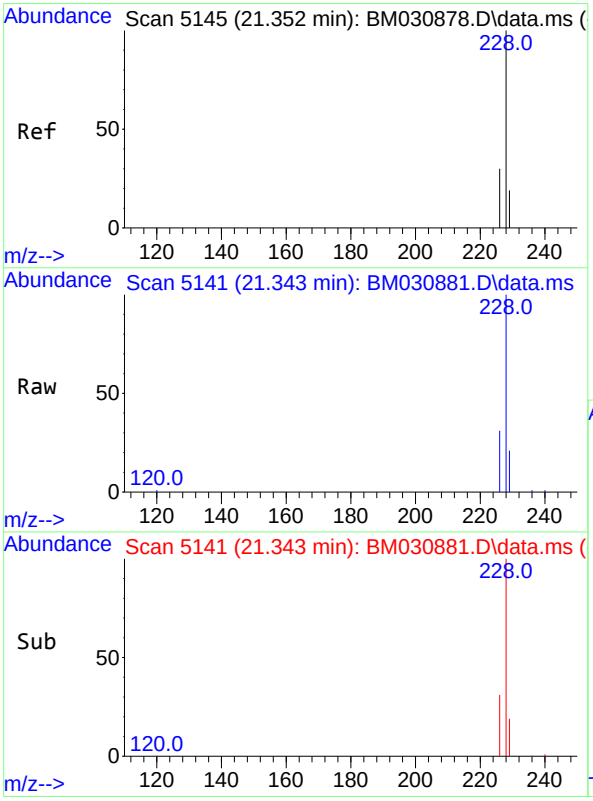
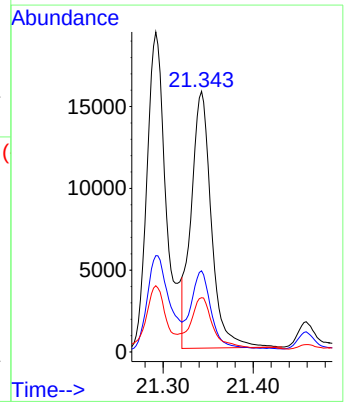
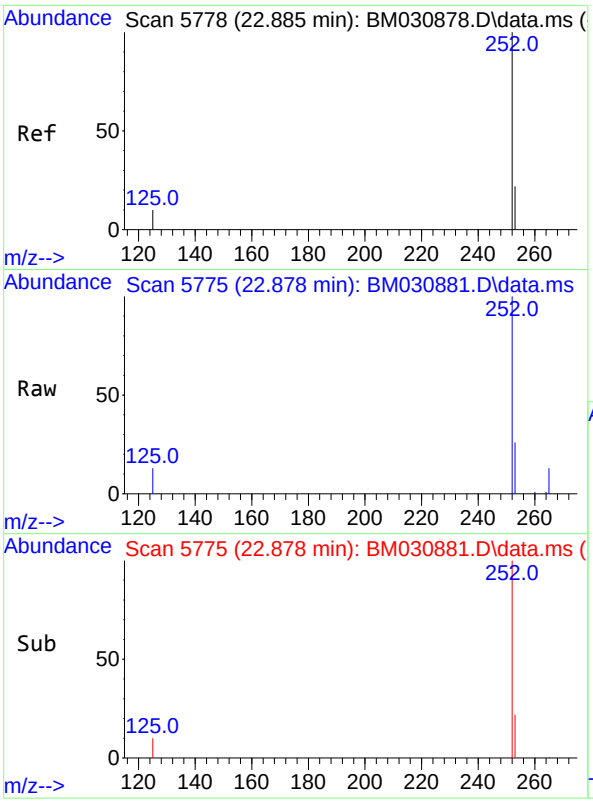


#22
Chrysene
Concen: 0.897 ng/ul
RT: 21.343 min Scan# 5141
Delta R.T. -0.010 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:228 Resp: 24438

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	20.8	15.4	23.0

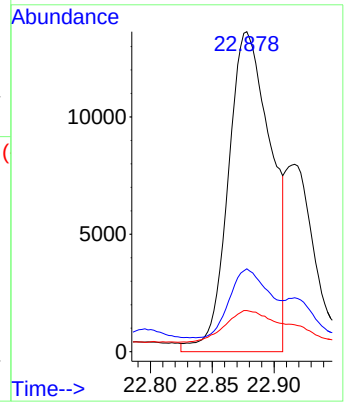




#24
Benzo(b)fluoranthene
Concen: 1.309 ng/ul m
RT: 22.878 min Scan# 5775
Delta R.T. -0.007 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:252 Resp: 32677

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	50.2
125	12.9	0.0	27.8



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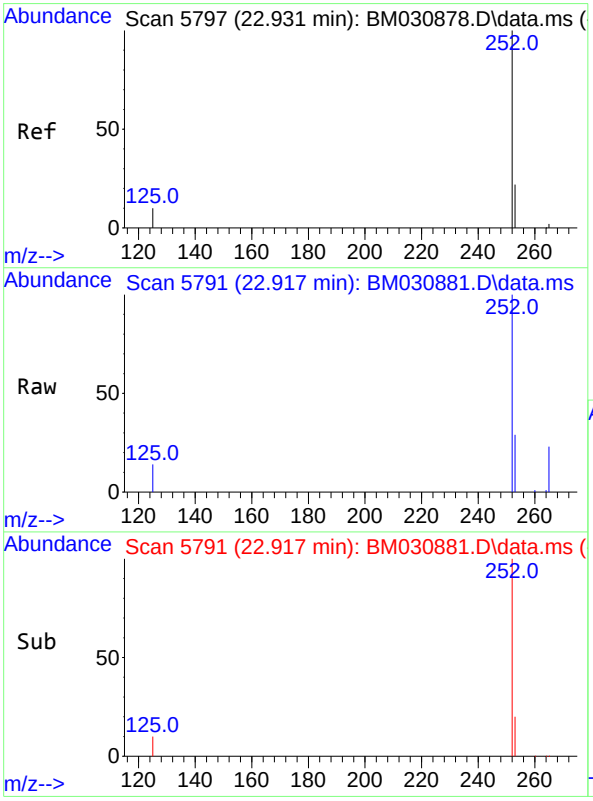
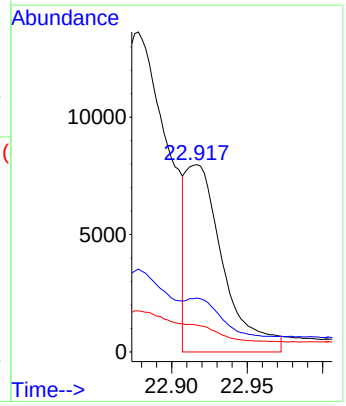
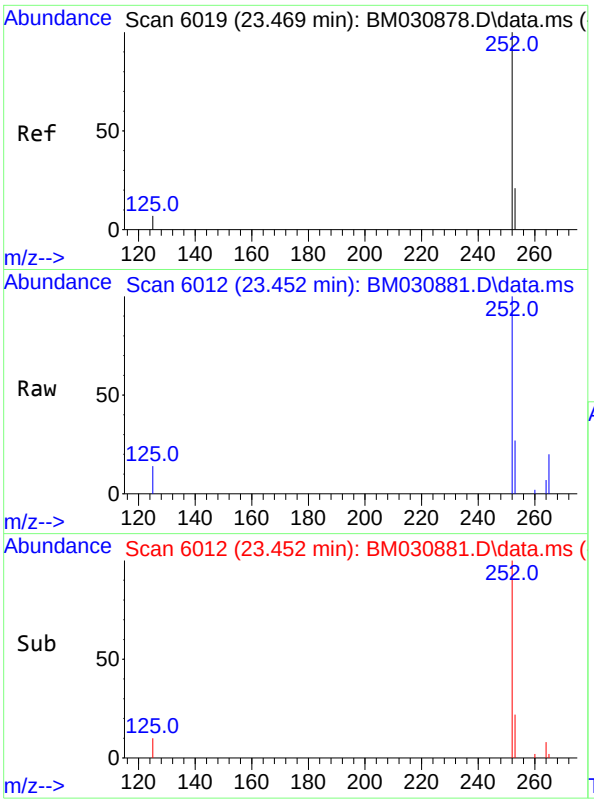


#25
Benzo(k)fluoranthene
Concen: 0.534 ng/ul m
RT: 22.917 min Scan# 5791
Delta R.T. -0.015 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:252 Resp: 13746

Ion	Ratio	Lower	Upper
252	100		
253	28.8	20.6	31.0
125	14.3	11.0	16.4

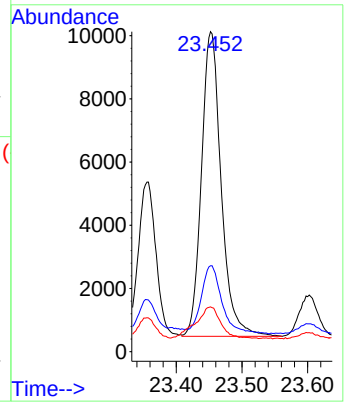


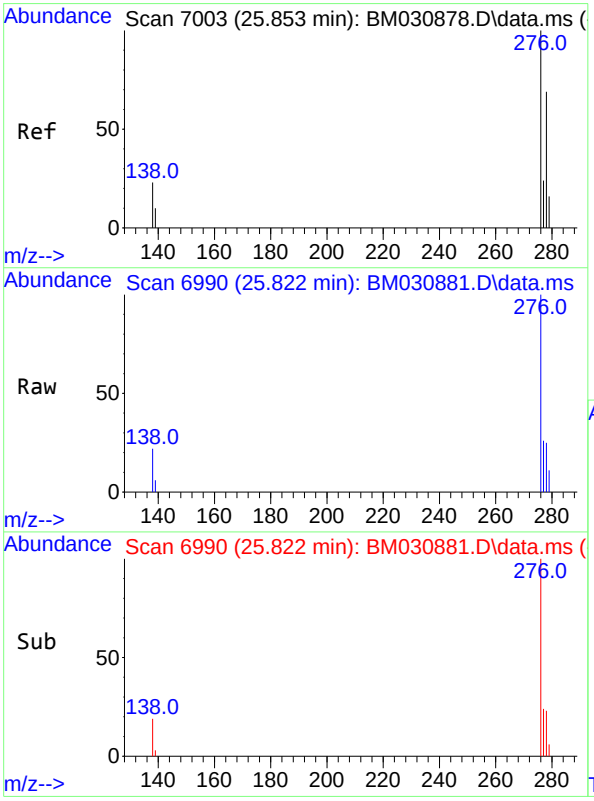


#26
Benzo(a)pyrene
Concen: 0.946 ng/ul
RT: 23.452 min Scan# 6012
Delta R.T. -0.017 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:252 Resp: 20097

Ion	Ratio	Lower	Upper
252	100		
253	26.8	22.0	33.0
125	14.0	13.4	20.2

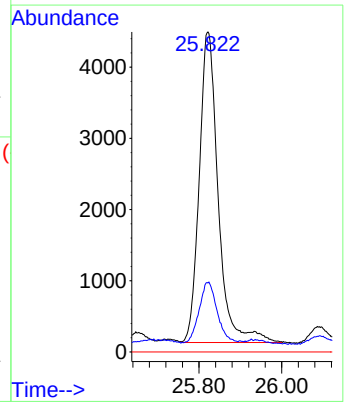




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.501 ng/ul
RT: 25.822 min Scan# 6990
Delta R.T. -0.032 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:276 Resp: 13866

Ion	Ratio	Lower	Upper
276	100		
138	18.4	19.1	28.7#
227	0.0	0.0	0.0



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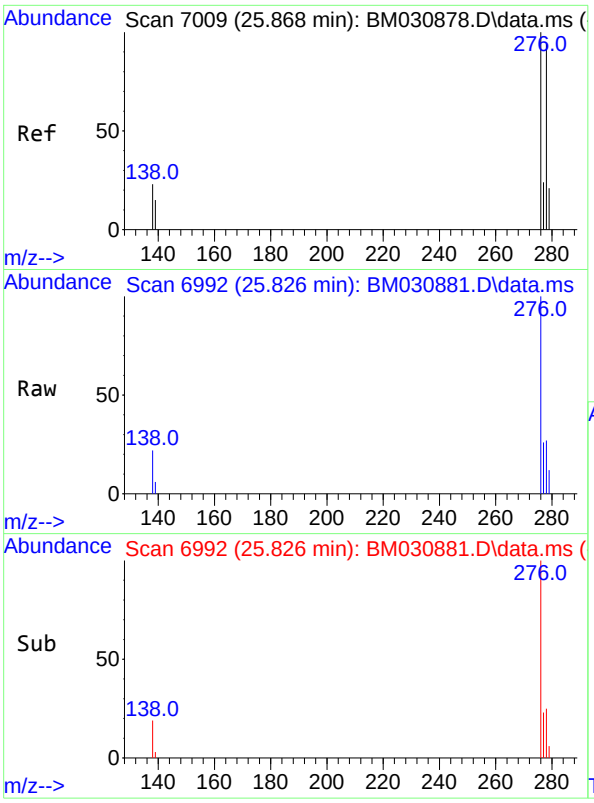
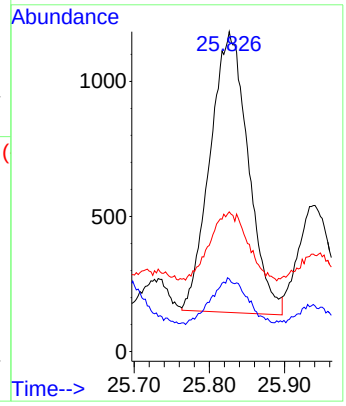
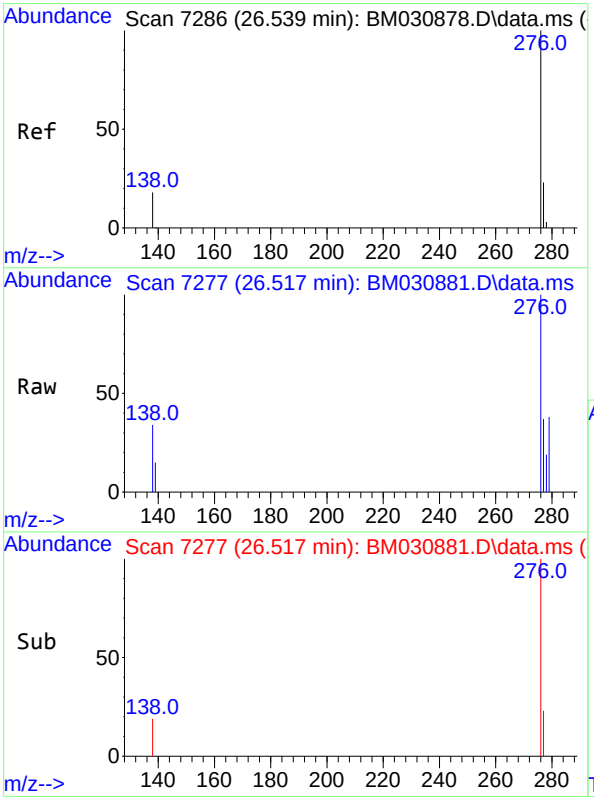


#28
Dibenzo(a,h)anthracene
Concen: 0.165 ng/ul
RT: 25.826 min Scan# 6992
Delta R.T. -0.041 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:278 Resp: 3659

Ion	Ratio	Lower	Upper
278	100		
139	22.7	14.2	21.4#
279	43.7	21.6	32.4#

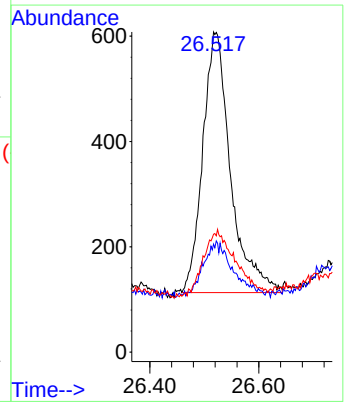




#29
Benzo(g,h,i)perylene
Concen: 0.073 ng/ul
RT: 26.517 min Scan# 7277
Delta R.T. -0.022 min
Lab File: BM030881.D
Acq: 08 Jul 2021 12:49

Tgt Ion:276 Resp: 1757

Ion	Ratio	Lower	Upper
276	100		
138	33.7	18.0	27.0#
277	36.8	19.5	29.3#



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