Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
Data File : BM030910.D
Acq On : 09 Jul 2021 07:13
Operator : CG/JU
Sample : M2877-03DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDZ7DL

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Quant Time: Jul 09 07:58:21 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	2905	0.400	ng/ul	0.00
4) Naphthalene-d8	10.545	136	11353	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.390	164	6029	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.131	188	9590	0.400	ng/ul	-0.02
17) Chrysene-d12	21.299	240	7102	0.400	ng/ul	-0.02
23) Perylene-d12	23.544	264	7156	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	1927	0.609	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.155	152	929	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.153	212	1387	0.068	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.599	128	2096	0.065	ng/ul#	91
10) Acenaphthylene	14.110	152	3224	0.120	ng/ul	94
11) Acenaphthene	14.455	153	1567	0.072	ng/ul	98
12) Fluorene	15.445	166	1595	0.066	ng/ul#	98
15) Phenanthrene	17.172	178	24674	0.765	ng/ul	100
16) Anthracene	17.263	178	13029	0.461	ng/ul	99
19) Fluoranthene	19.184	202	82991	2.648	ng/ul	98
20) Pyrene	19.546	202	60377	1.915	ng/ul	99
21) Benzo(a)anthracene	21.285	228	43351	1.531	ng/ul	97
22) Chrysene	21.335	228	37304	1.176	ng/ul	98
24) Benzo(b)fluoranthene	22.868	252	46076m	1.454	ng/ul	
25) Benzo(k)fluoranthene	22.909	252	19936m	0.610	ng/ul	
26) Benzo(a)pyrene	23.442	252	25257	0.937	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.810	276	18653	0.531	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.814	278	5394	0.191	ng/ul#	83
29) Benzo(g,h,i)perylene	26.507	276	1290	0.042	ng/ul#	62

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

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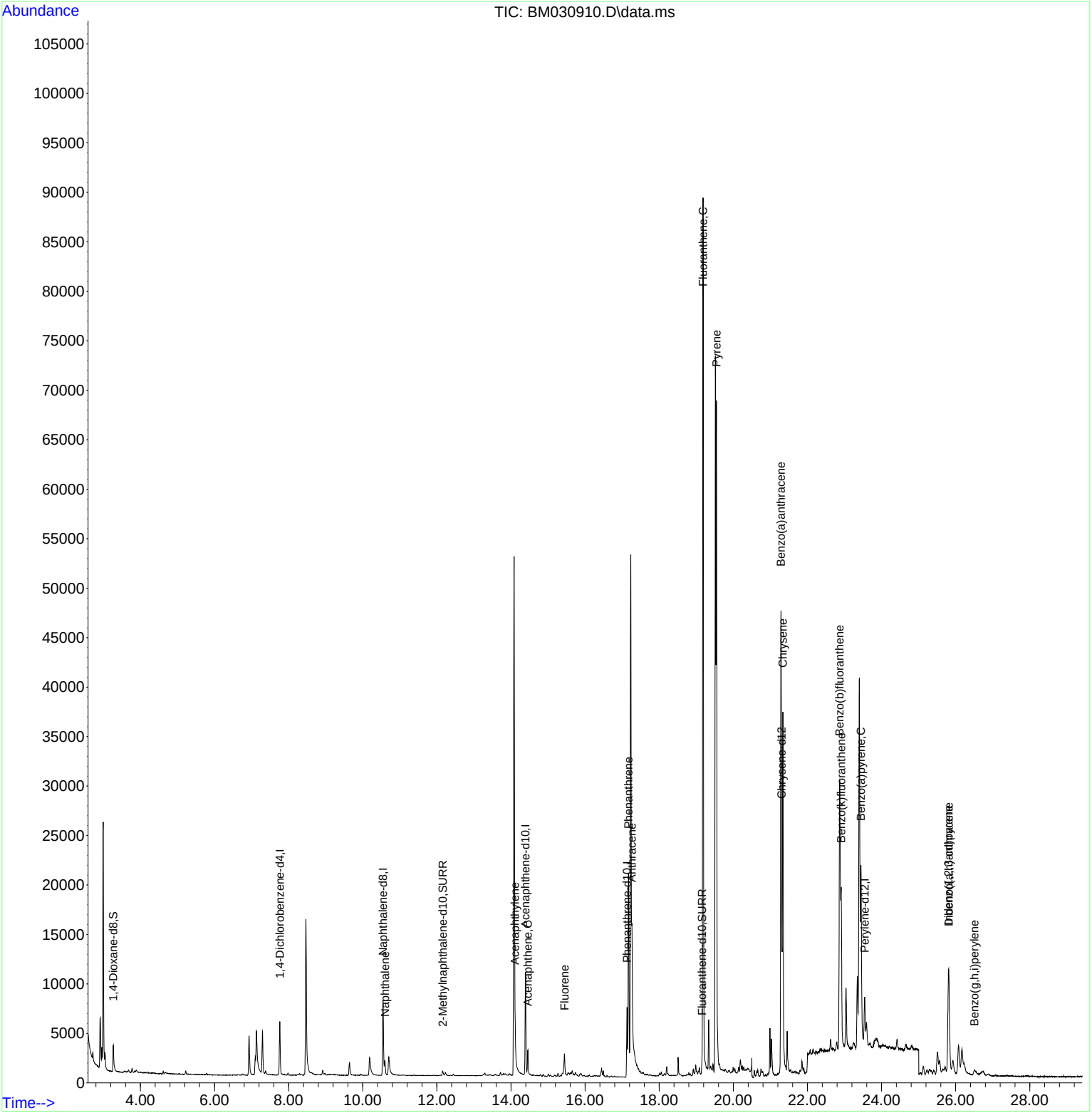
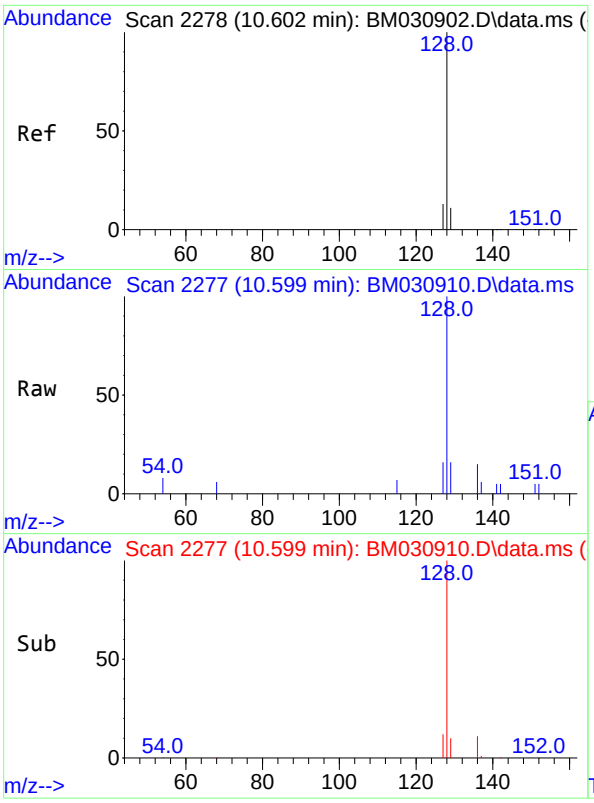
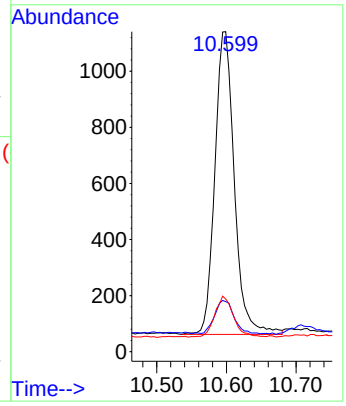




#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.599 min Scan# 2277
Delta R.T. -0.004 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:128 Resp: 2096

Ion	Ratio	Lower	Upper
128	100		
129	15.7	9.0	13.6#
127	16.5	10.9	16.3#



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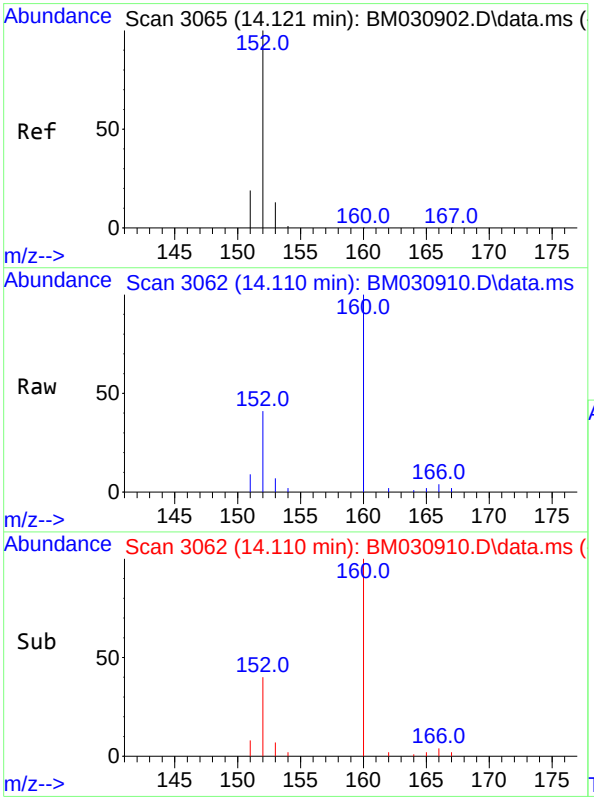
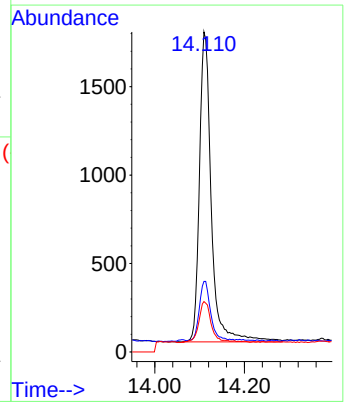
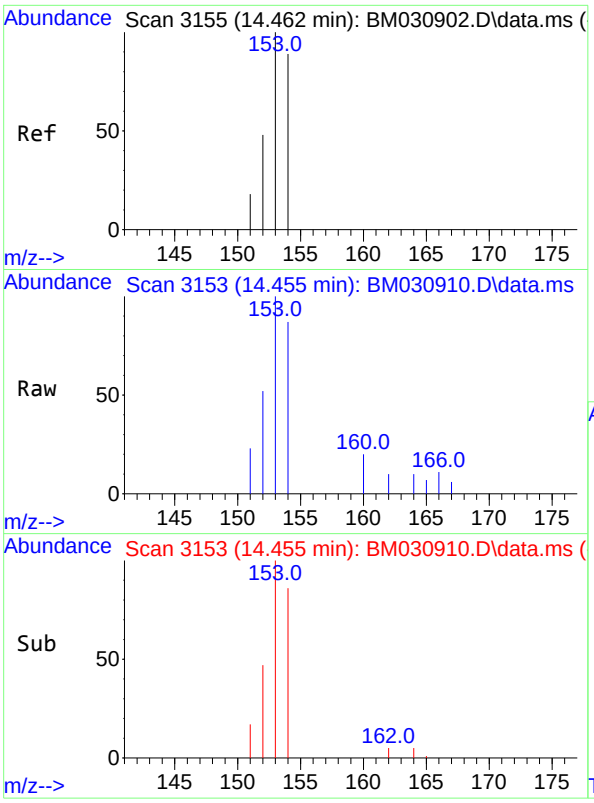


#10
Acenaphthylene
Concen: 0.120 ng/ul
RT: 14.110 min Scan# 3062
Delta R.T. -0.015 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:152 Resp: 3224

Ion	Ratio	Lower	Upper
152	100		
151	22.1	15.5	23.3
153	15.8	10.7	16.1

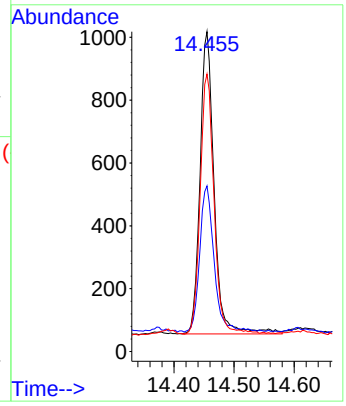




#11
Acenaphthene
Concen: 0.072 ng/ul
RT: 14.455 min Scan# 3153
Delta R.T. -0.011 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:153 Resp: 1567

Ion	Ratio	Lower	Upper
153	100		
152	51.8	40.2	60.2
154	86.7	71.2	106.8



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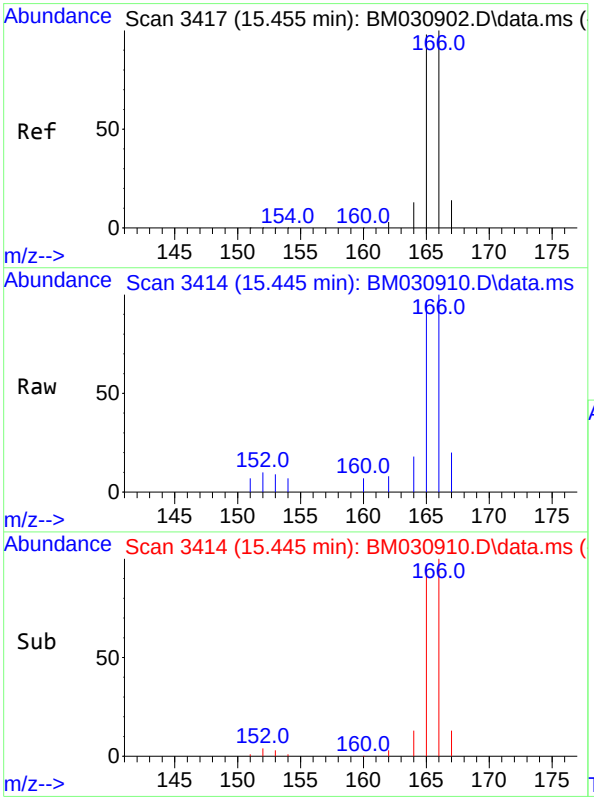
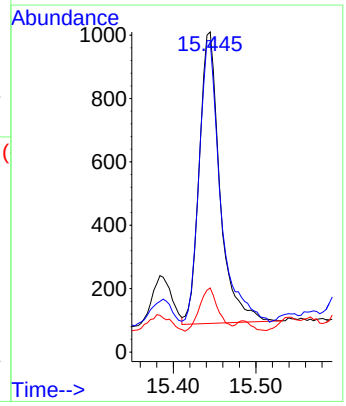
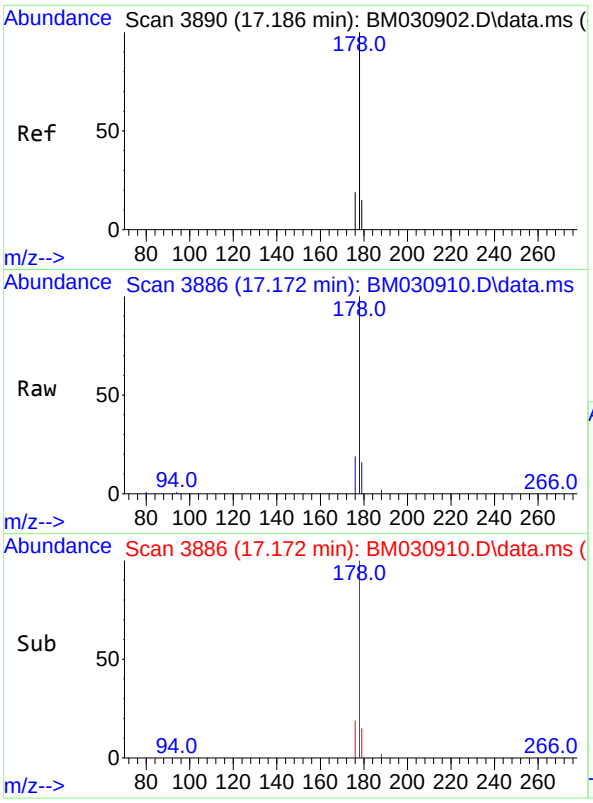


#12
Fluorene
Concen: 0.066 ng/ul
RT: 15.445 min Scan# 3414
Delta R.T. -0.019 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:166 Resp: 1595

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.7	116.5
167	20.0	11.3	16.9#

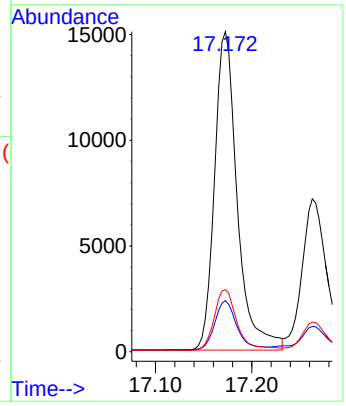


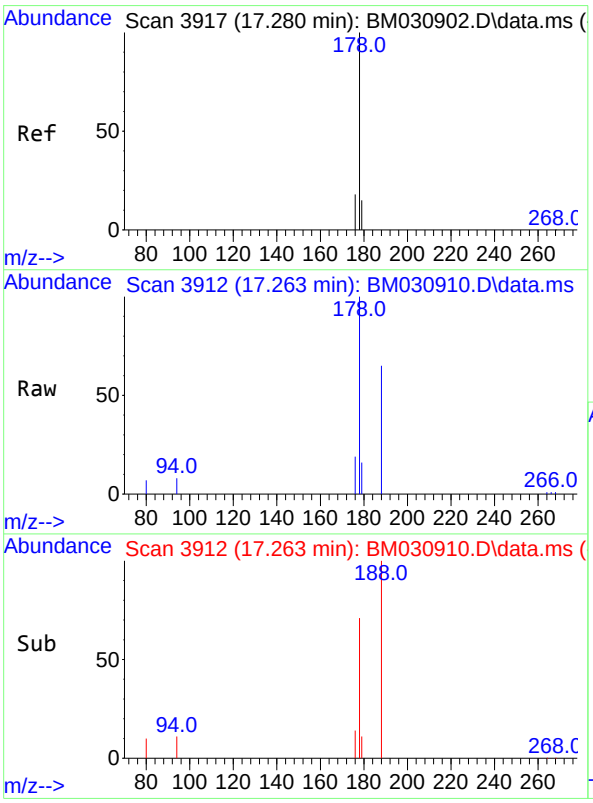


#15
Phenanthrene
Concen: 0.765 ng/ul
RT: 17.172 min Scan# 3886
Delta R.T. -0.021 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:178 Resp: 24674

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	19.4	15.5	23.3

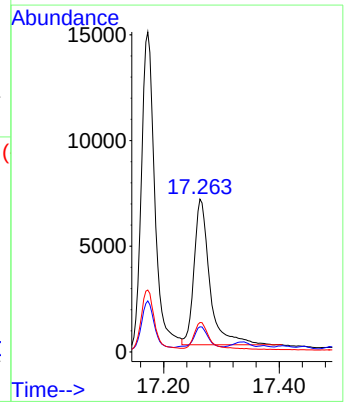




#16
Anthracene
Concen: 0.461 ng/ul
RT: 17.263 min Scan# 3912
Delta R.T. -0.028 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:178 Resp: 13029

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.7	19.1
176	19.3	15.2	22.8



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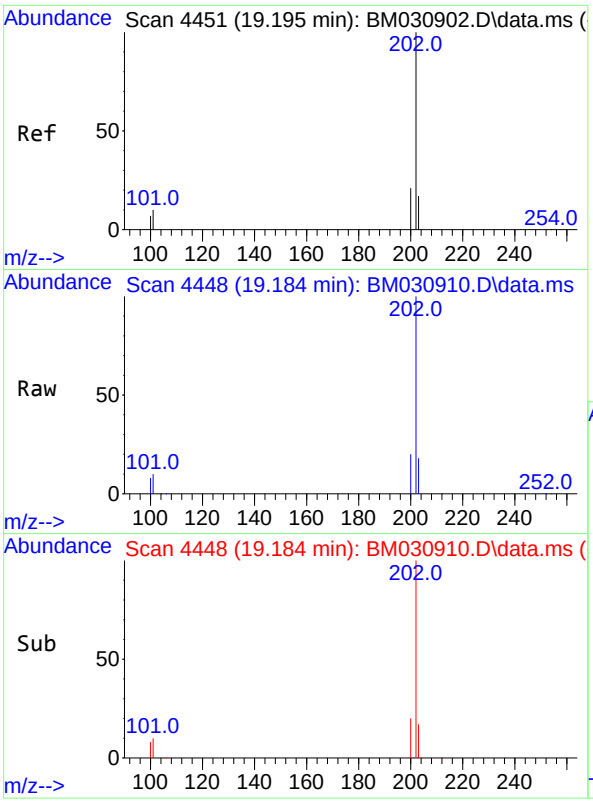
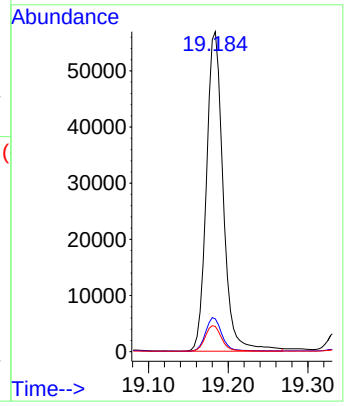
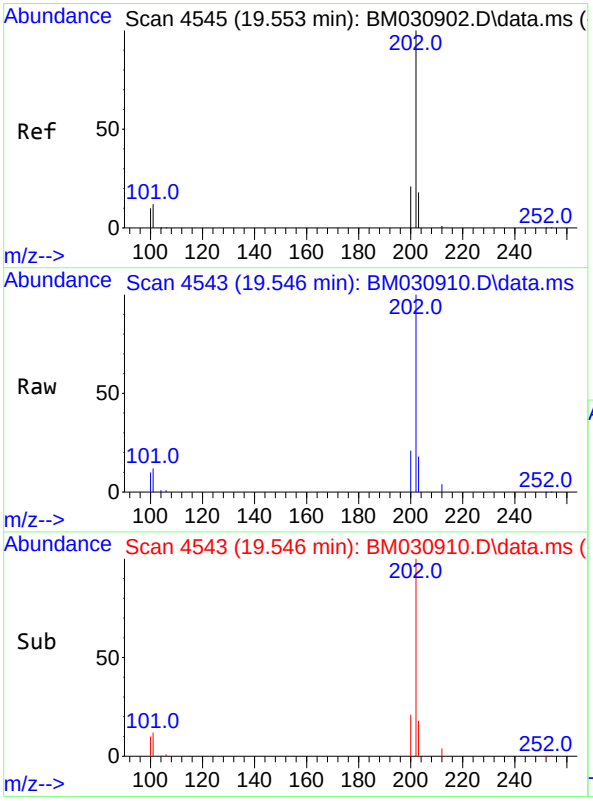


#19
Fluoranthene
Concen: 2.648 ng/ul
RT: 19.184 min Scan# 4448
Delta R.T. -0.015 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:202 Resp: 82991

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.8	13.2
100	7.9	6.9	10.3

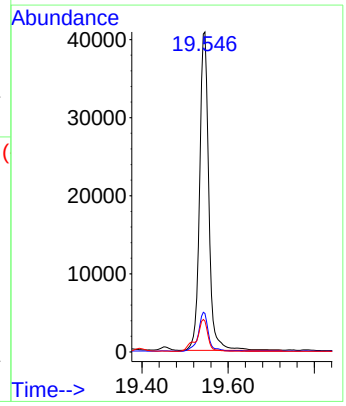




#20
Pyrene
Concen: 1.915 ng/ul
RT: 19.546 min Scan# 4543
Delta R.T. -0.011 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:202 Resp: 60377

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.1	15.1
100	9.6	8.2	12.2



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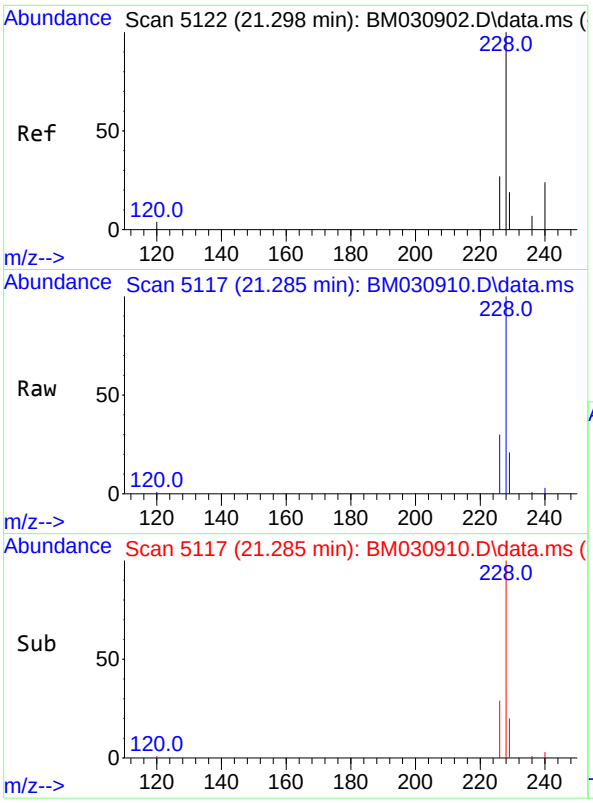
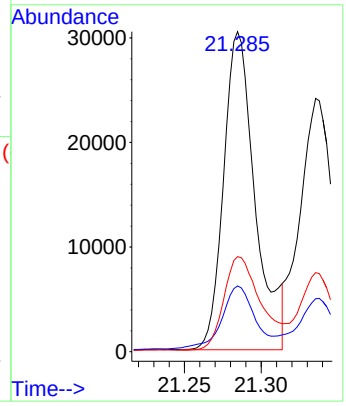


#21
Benzo(a)anthracene
Concen: 1.531 ng/ul
RT: 21.285 min Scan# 5117
Delta R.T. -0.019 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:228 Resp: 43351

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.6
226	29.7	22.2	33.4



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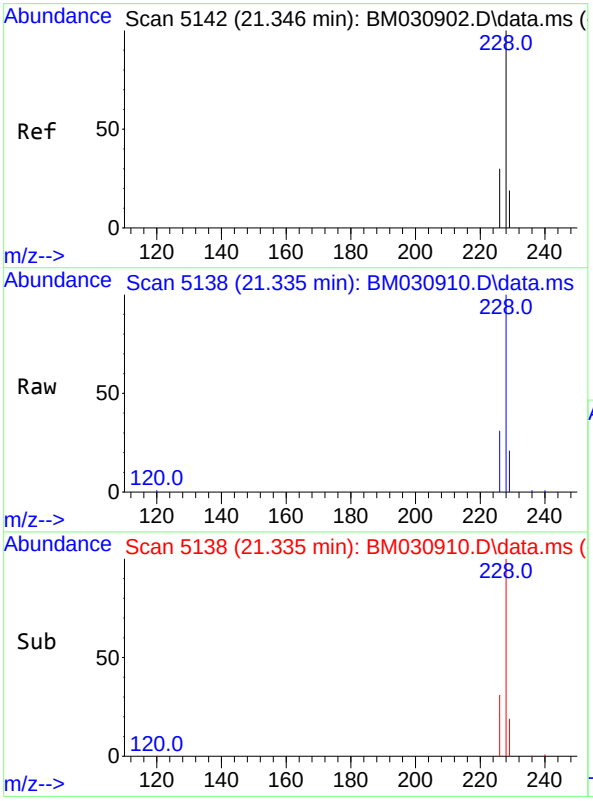
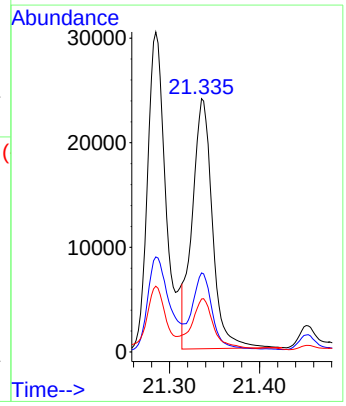
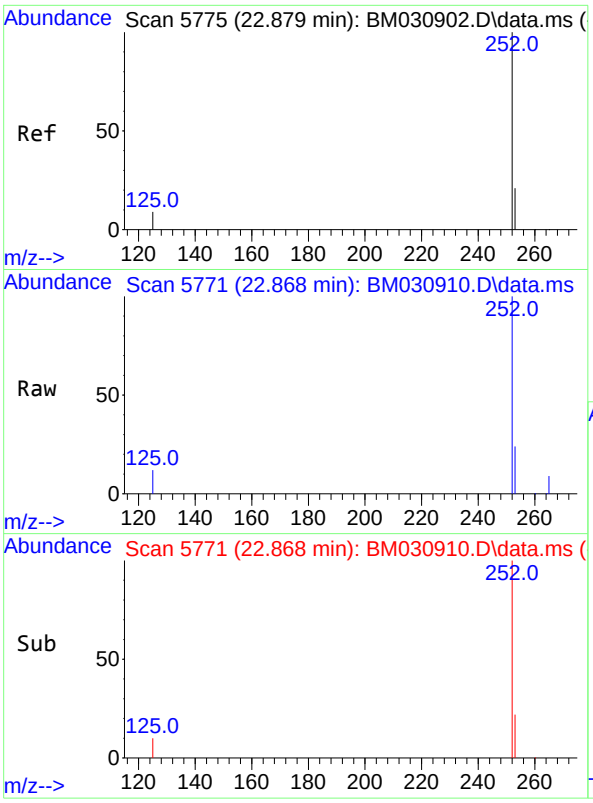


#22
Chrysene
Concen: 1.176 ng/ul
RT: 21.335 min Scan# 5138
Delta R.T. -0.017 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:228 Resp: 37304

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	20.9	15.4	23.0

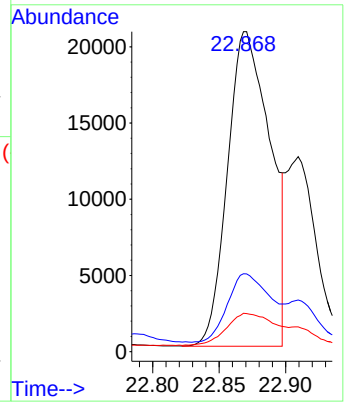


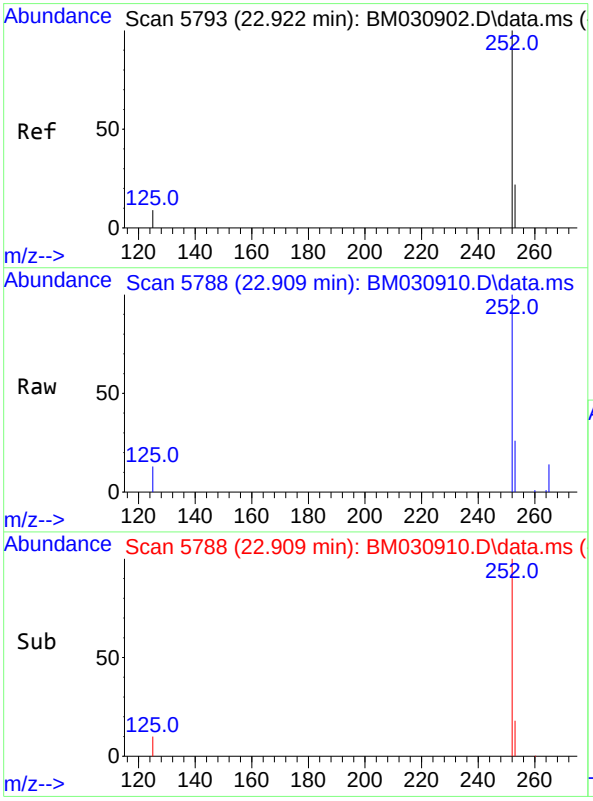


#24
Benzo(b)fluoranthene
Concen: 1.454 ng/ul m
RT: 22.868 min Scan# 5771
Delta R.T. -0.017 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:252 Resp: 46076

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	50.2
125	12.0	0.0	27.8

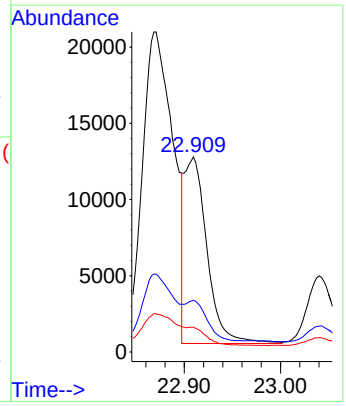




#25
Benzo(k)fluoranthene
Concen: 0.610 ng/ul m
RT: 22.909 min Scan# 5788
Delta R.T. -0.022 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:252 Resp: 19936

Ion	Ratio	Lower	Upper
252	100		
253	26.5	20.6	31.0
125	12.7	11.0	16.4



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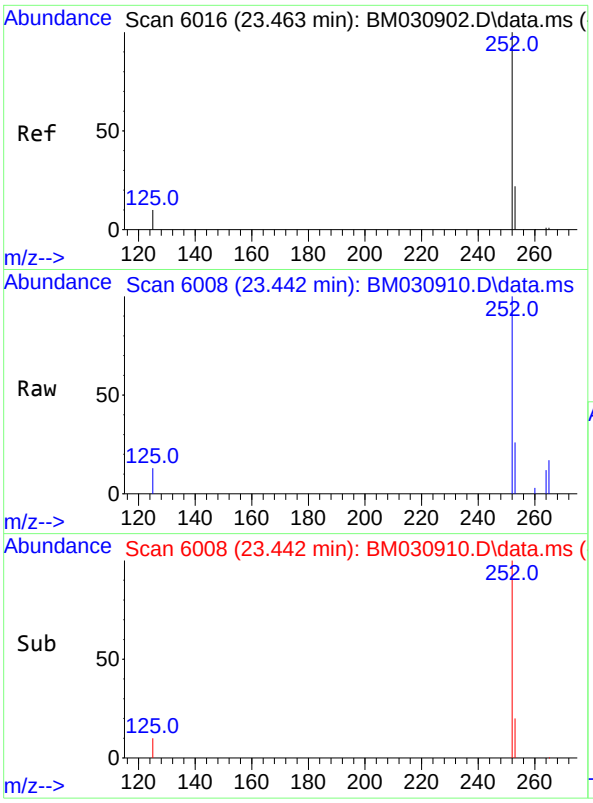
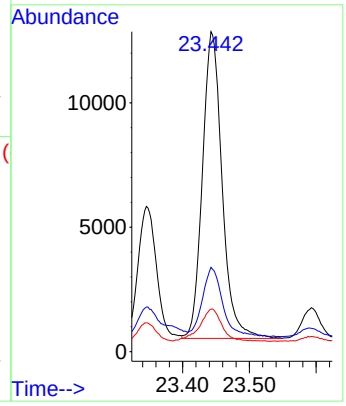
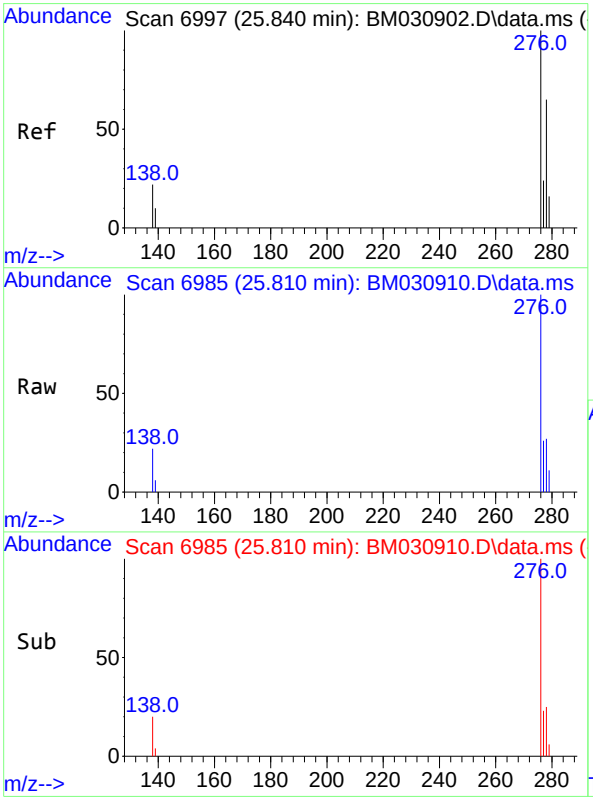


#26
Benzo(a)pyrene
Concen: 0.937 ng/ul
RT: 23.442 min Scan# 6008
Delta R.T. -0.027 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:252 Resp: 25257

Ion	Ratio	Lower	Upper
252	100		
253	26.4	22.0	33.0
125	13.3	13.4	20.2#

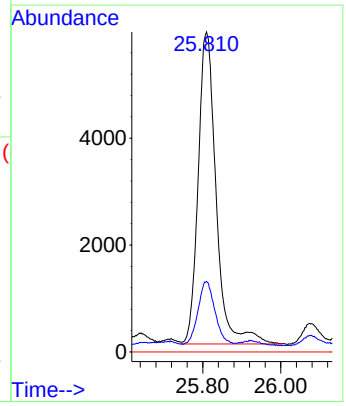




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.531 ng/ul
RT: 25.810 min Scan# 6985
Delta R.T. -0.044 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:276 Resp: 18653

Ion	Ratio	Lower	Upper
276	100		
138	19.0	19.1	28.7#
227	0.0	0.0	0.0



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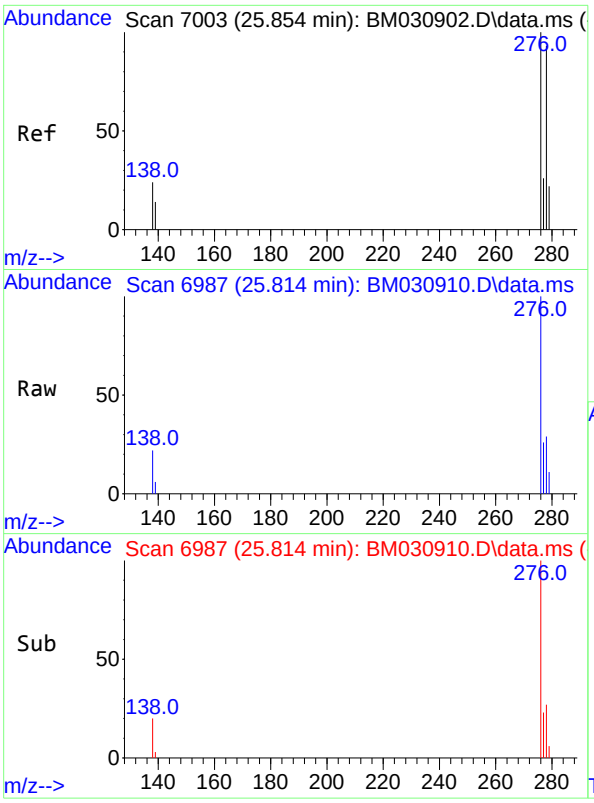
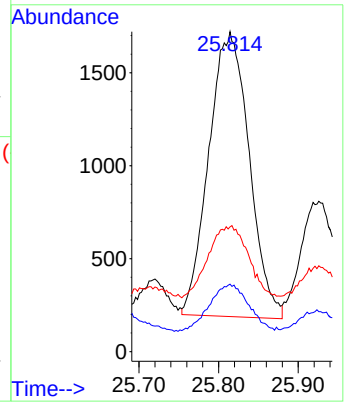
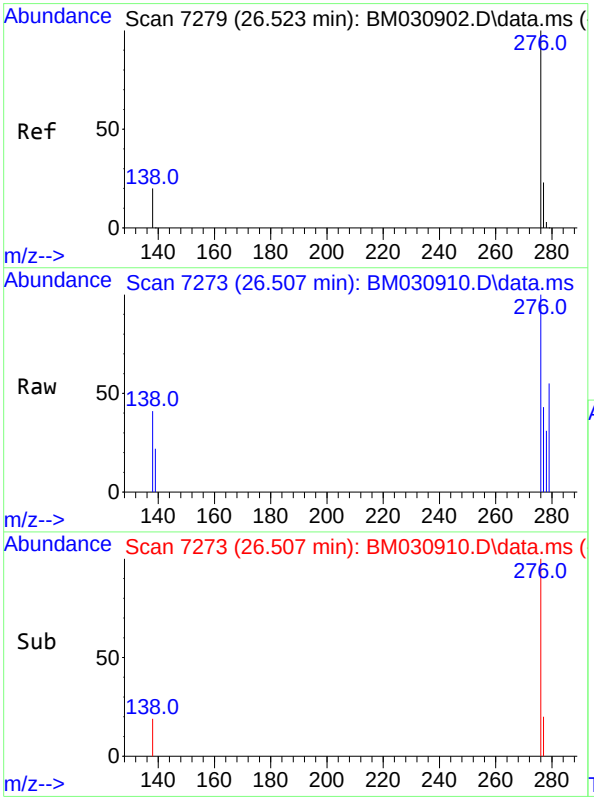


#28
Dibenzo(a,h)anthracene
Concen: 0.191 ng/ul
RT: 25.814 min Scan# 6987
Delta R.T. -0.053 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:278 Resp: 5394

Ion	Ratio	Lower	Upper
278	100		
139	21.1	14.2	21.4
279	39.0	21.6	32.4#

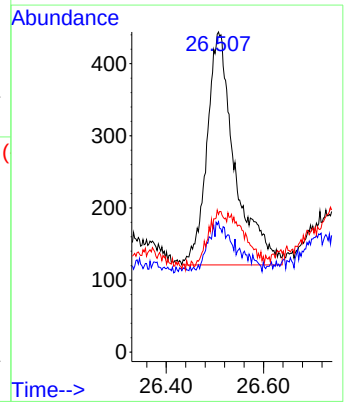




#29
Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 26.507 min Scan# 7273
Delta R.T. -0.032 min
Lab File: BM030910.D
Acq: 09 Jul 2021 07:13

Tgt Ion:276 Resp: 1290

Ion	Ratio	Lower	Upper
276	100		
138	40.8	18.0	27.0#
277	43.0	19.5	29.3#



Instrument :
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