Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Data File : BM027586.D
Acq On : 02 Oct 2020 18:10
Operator : JU/CG
Sample : Ll4166-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC3

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10/5/2020 10:28:59 AM

Quant Time: Oct 02 19:05:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	834	0.40	ng/ul	0.00
2) Naphthalene-d8	10.581	136	2312	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.429	164	1815	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.169	188	4664	0.40	ng/ul	# 0.00
16) Chrysene-d12	21.345	240	5241	0.40	ng/ul	# 0.00
20) Perylene-d12	23.608	264	5345	0.40	ng/ul	# 0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.169	152	843	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.192	212	2867	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.631	128	270	0.04	ng/ul#	54
7) Acenaphthylene	14.148	152	297	0.03	ng/ul#	58
8) Acenaphthene	14.489	153	637	0.10	ng/ul	95
12) Phenanthrene	17.211	178	448	0.03	ng/ul#	76
13) Anthracene	17.301	178	1199	0.09	ng/ul#	87
15) Fluoranthene	19.222	202	9507	0.55	ng/ul	95
17) Pyrene	19.584	202	7505	0.31	ng/ul#	95
18) Benzo(a)anthracene	21.331	228	4545	0.22	ng/ul	96
19) Chrysene	21.382	228	11668	0.55	ng/ul	99
21) Benzo(b)fluoranthene	22.929	252	7989m	0.37	ng/ul	
22) Benzo(k)fluoranthene	22.970	252	3527m	0.16	ng/ul	
23) Benzo(a)pyrene	23.508	252	4566	0.24	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.883	276	2883	0.12	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.890	278	1011	0.05	ng/ul#	37
26) Benzo(g,h,i)perylene	26.583	276	1931	0.09	ng/ul#	85

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Data File : BM027586.D
Acq On : 02 Oct 2020 18:10
Operator : JU/CG
Sample : Ll4166-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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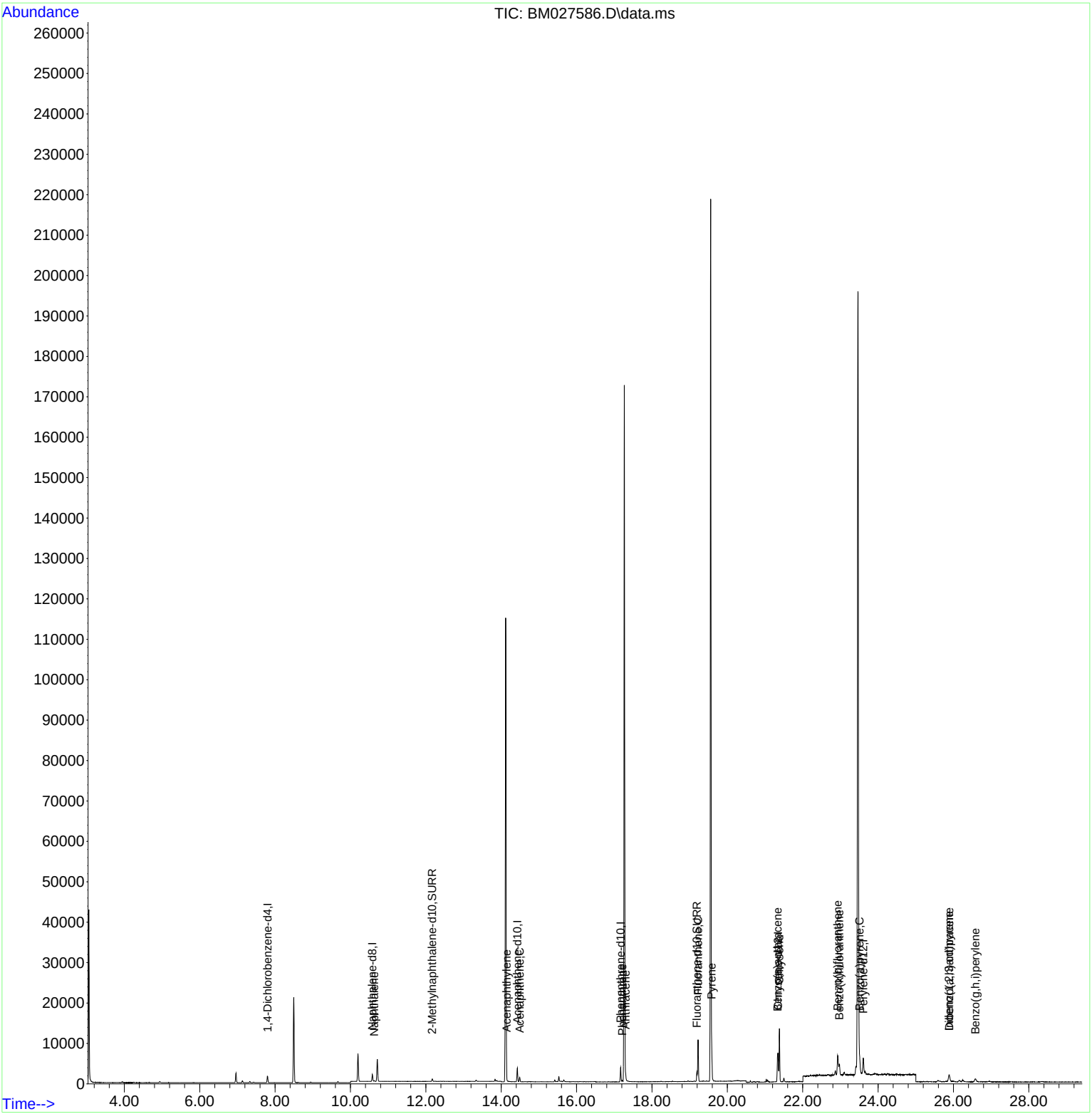
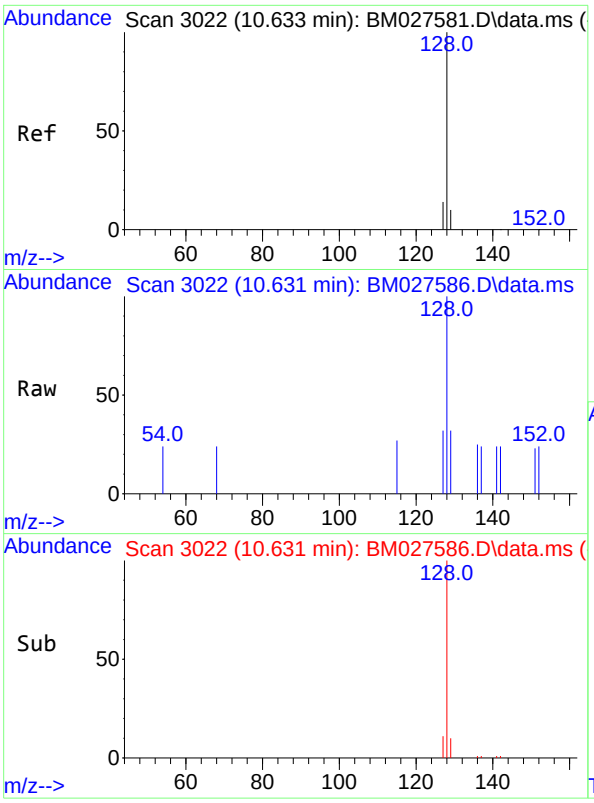
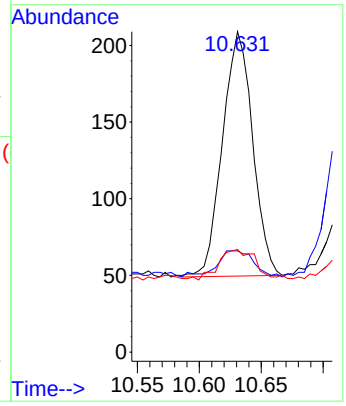


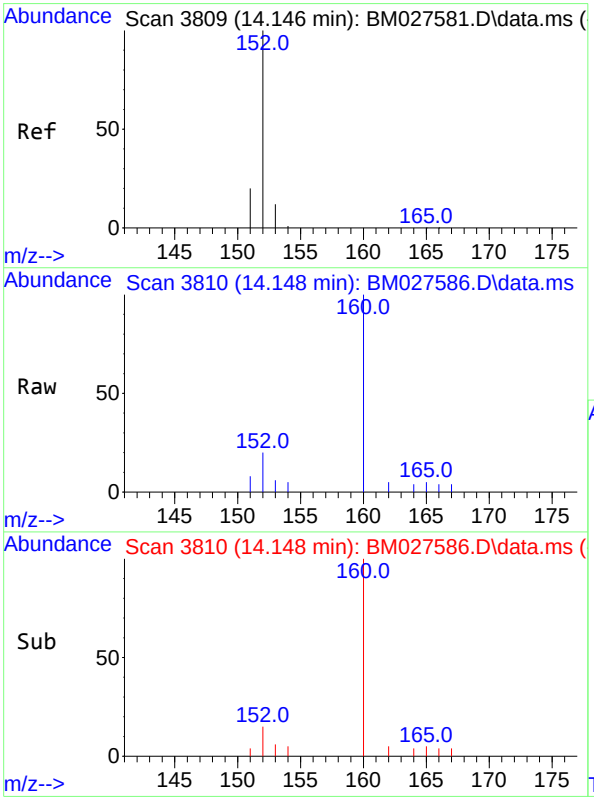


#3
Naphthalene
Concen: 0.04 ng/ul
RT: 10.631 min Scan# 3022
Delta R.T. -0.002 min
Lab File: BM027586.D
Acq: 02 Oct 2020 18:10

Tgt Ion:128 Resp: 270

Ion	Ratio	Lower	Upper
128	100		
129	31.6	9.9	14.9#
127	32.1	11.4	17.2#

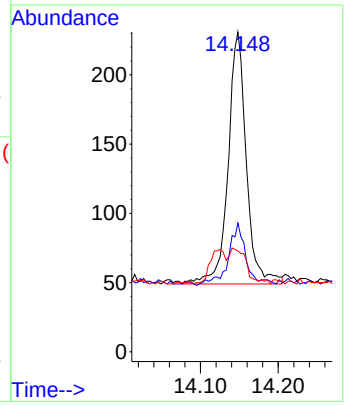




#7
Acenaphthylene
Concen: 0.03 ng/ul
RT: 14.148 min Scan# 3810
Delta R.T. -0.002 min
Lab File: BM027586.D
Acq: 02 Oct 2020 18:10

Tgt Ion:152 Resp: 297

Ion	Ratio	Lower	Upper
152	100		
151	40.3	16.6	24.8#
153	31.6	11.4	17.0#



Instrument :
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ClientSampleId :
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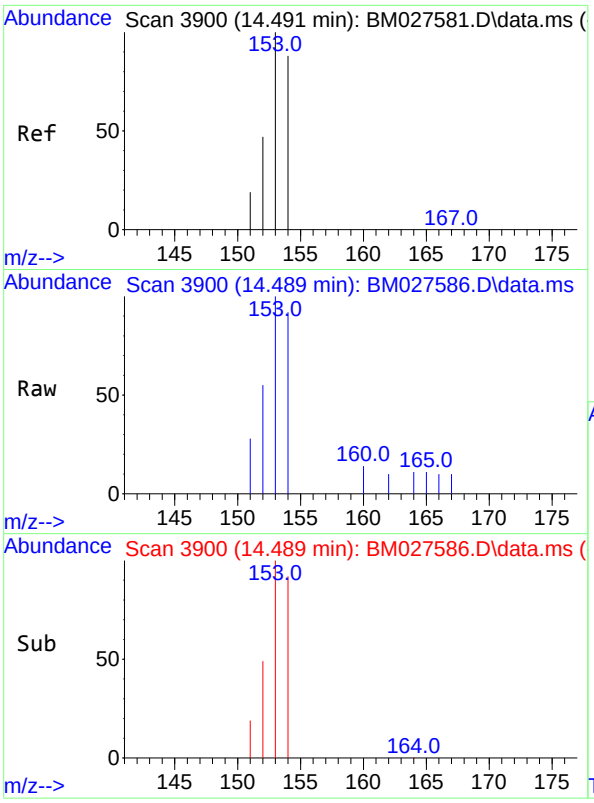
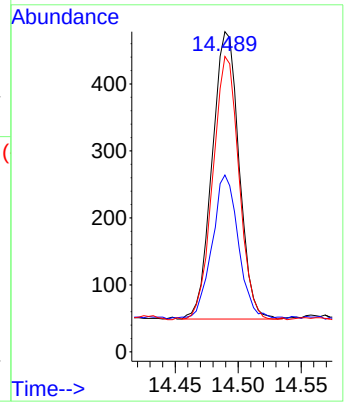


#8
Acenaphthene
Concen: 0.10 ng/ul
RT: 14.489 min Scan# 3900
Delta R.T. -0.006 min
Lab File: BM027586.D
Acq: 02 Oct 2020 18:10

Tgt Ion:153 Resp: 637

Ion	Ratio	Lower	Upper
153	100		
152	55.2	42.8	64.2
154	92.3	69.0	103.6



Instrument :
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ClientSampleId :
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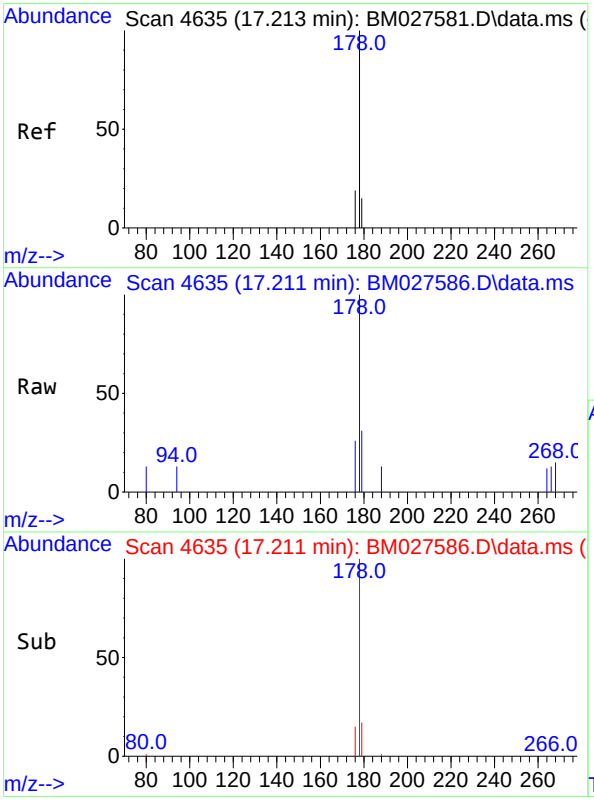
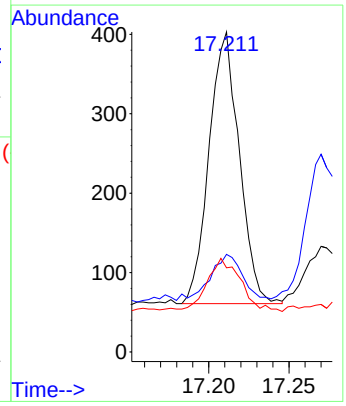
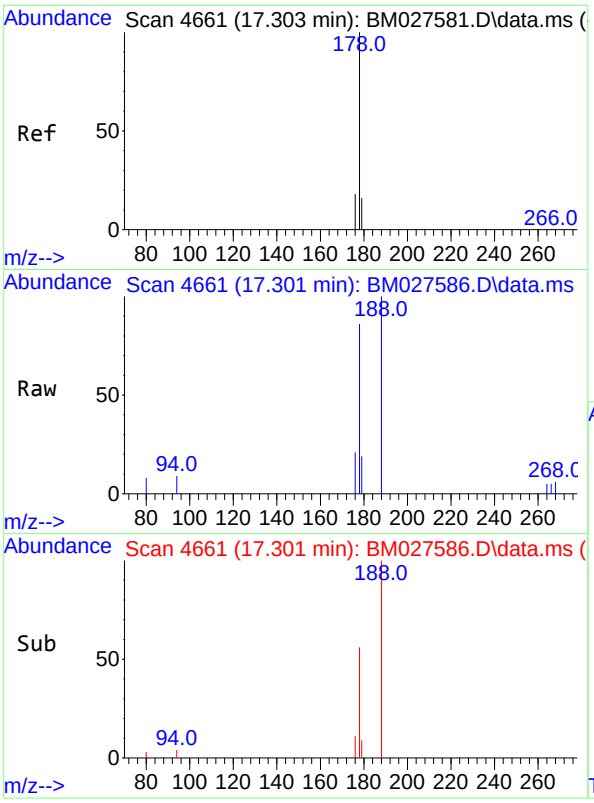


#12
Phenanthrene
Concen: 0.03 ng/ul
RT: 17.211 min Scan# 4635
Delta R.T. -0.002 min
Lab File: BM027586.D
Acq: 02 Oct 2020 18:10

Tgt Ion:178 Resp: 448

Ion	Ratio	Lower	Upper
178	100		
179	30.5	12.9	19.3#
176	26.3	15.3	22.9#

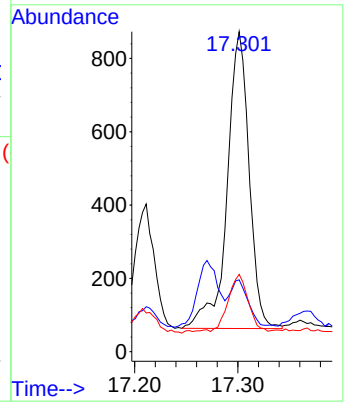


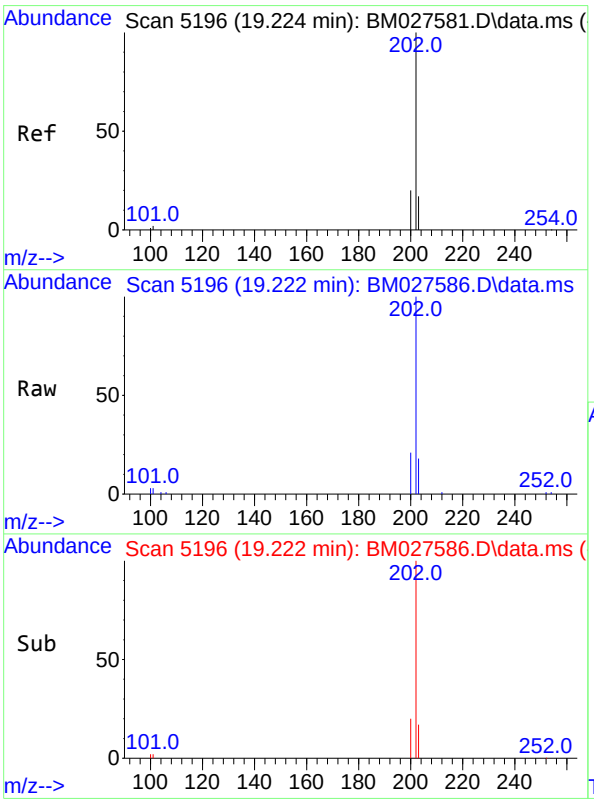


#13
Anthracene
Concen: 0.09 ng/ul
RT: 17.301 min Scan# 4661
Delta R.T. -0.002 min
Lab File: BM027586.D
Acq: 02 Oct 2020 18:10

Tgt Ion:178 Resp: 1199

Ion	Ratio	Lower	Upper
178	100		
179	22.5	13.0	19.4#
176	24.2	15.2	22.8#

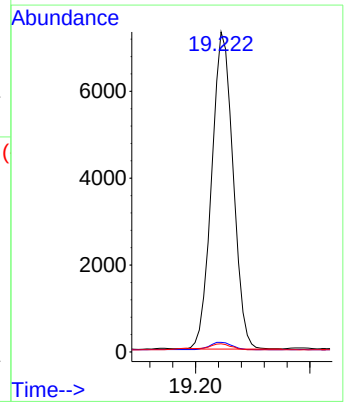




#15
Fluoranthene
Concen: 0.55 ng/ul
RT: 19.222 min Scan# 5196
Delta R.T. -0.006 min
Lab File: BM027586.D
Acq: 02 Oct 2020 18:10

Tgt Ion:202 Resp: 9507

Ion	Ratio	Lower	Upper
202	100		
101	3.0	0.0	24.9
100	2.5	0.0	24.1



Instrument :
BNA_M
ClientSampleId :
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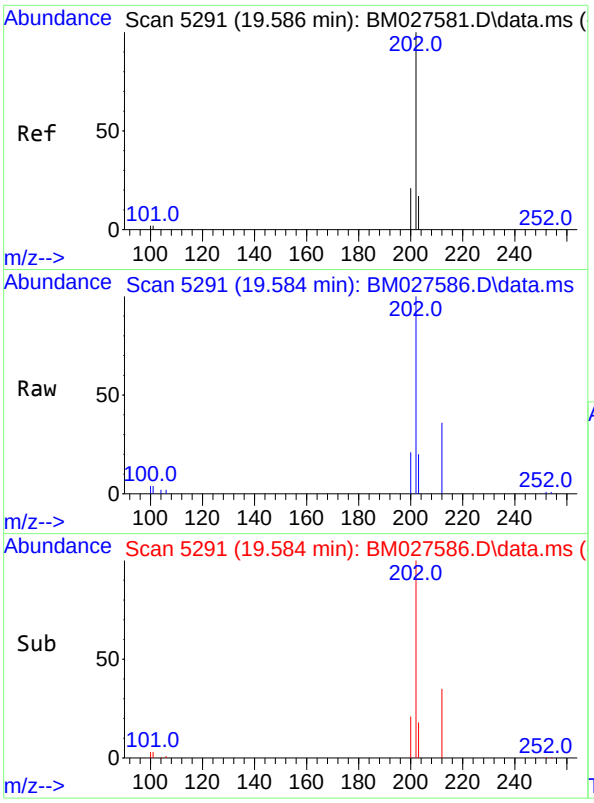
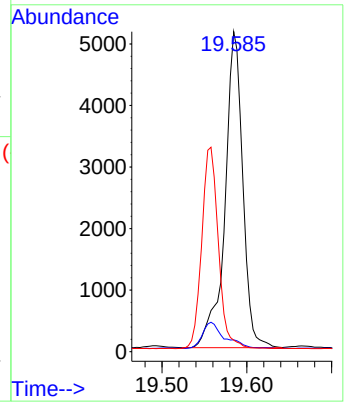


#17
Pyrene
Concen: 0.31 ng/ul
RT: 19.584 min Scan# 5291
Delta R.T. -0.006 min
Lab File: BM027586.D
Acq: 02 Oct 2020 18:10

Tgt Ion:202 Resp: 7505

Ion	Ratio	Lower	Upper
202	100		
101	3.7	4.7	7.1#
100	3.6	3.9	5.9#



Instrument :
BNA_M
ClientSampleId :
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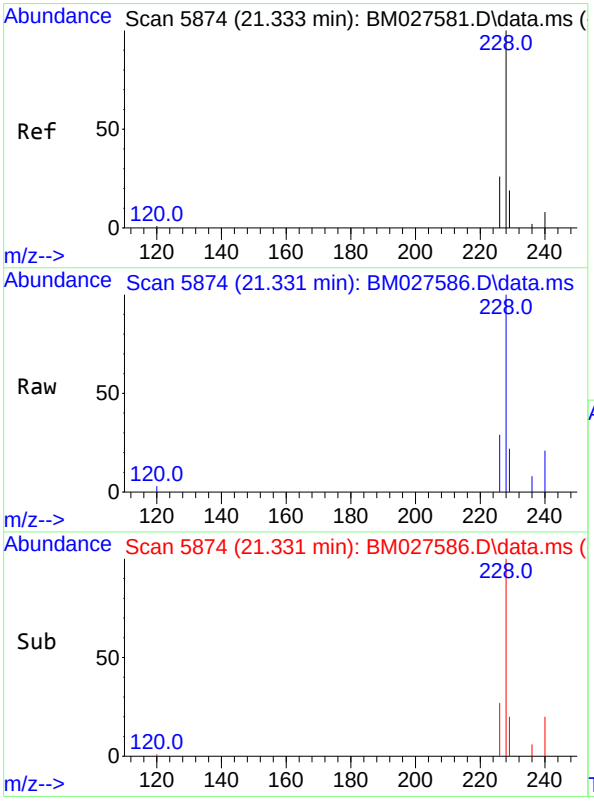
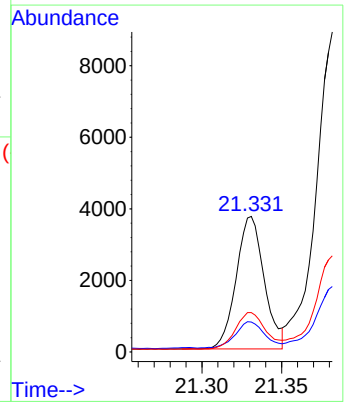
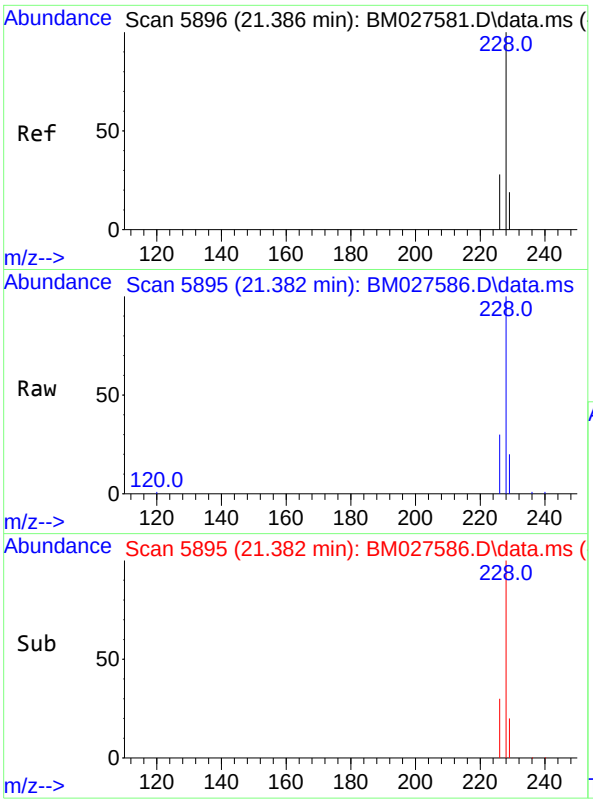


#18
Benzo(a)anthracene
Concen: 0.22 ng/ul
RT: 21.331 min Scan# 5874
Delta R.T. -0.004 min
Lab File: BM027586.D
Acq: 02 Oct 2020 18:10

Tgt Ion:228 Resp: 4545

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.6	23.4
226	29.1	21.8	32.8

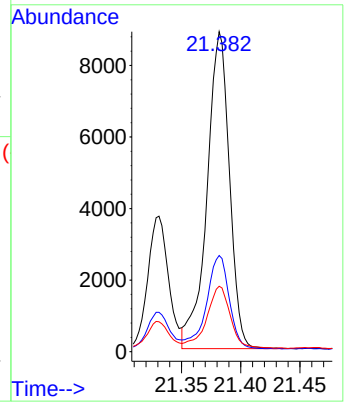


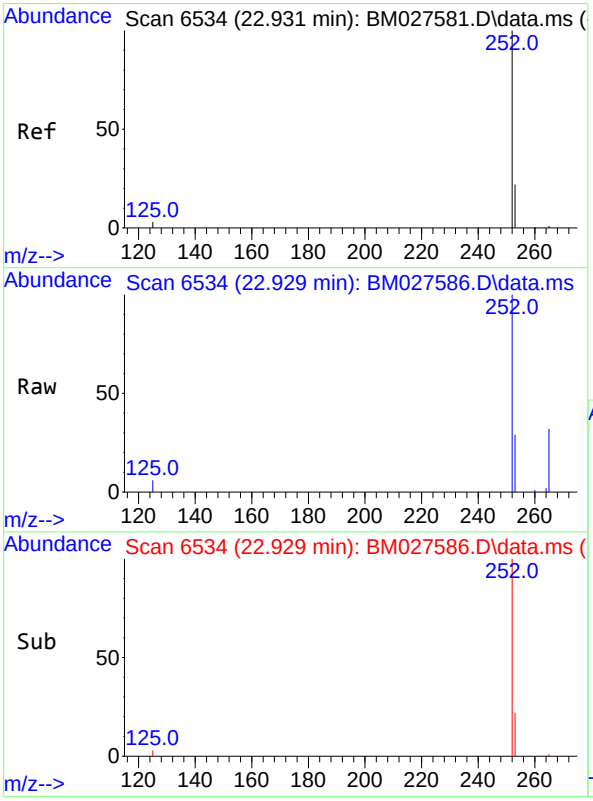


#19
Chrysene
Concen: 0.55 ng/ul
RT: 21.382 min Scan# 5895
Delta R.T. -0.004 min
Lab File: BM027586.D
Acq: 02 Oct 2020 18:10

Tgt Ion:228 Resp: 11668

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	20.4	15.8	23.8

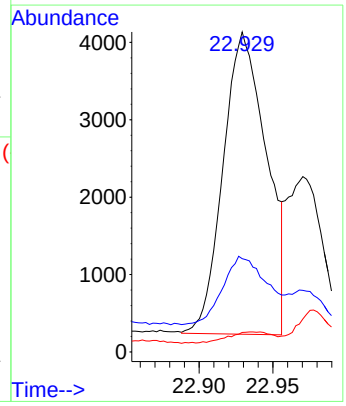




#21
Benzo(b)fluoranthene
Concen: 0.37 ng/ul m
RT: 22.929 min Scan# 6534
Delta R.T. -0.004 min
Lab File: BM027586.D
Acq: 02 Oct 2020 18:10

Tgt Ion:252 Resp: 7989

Ion	Ratio	Lower	Upper
252	100		
253	29.2	0.0	48.2
125	6.1	0.0	10.6



Instrument :
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ClientSampleId :
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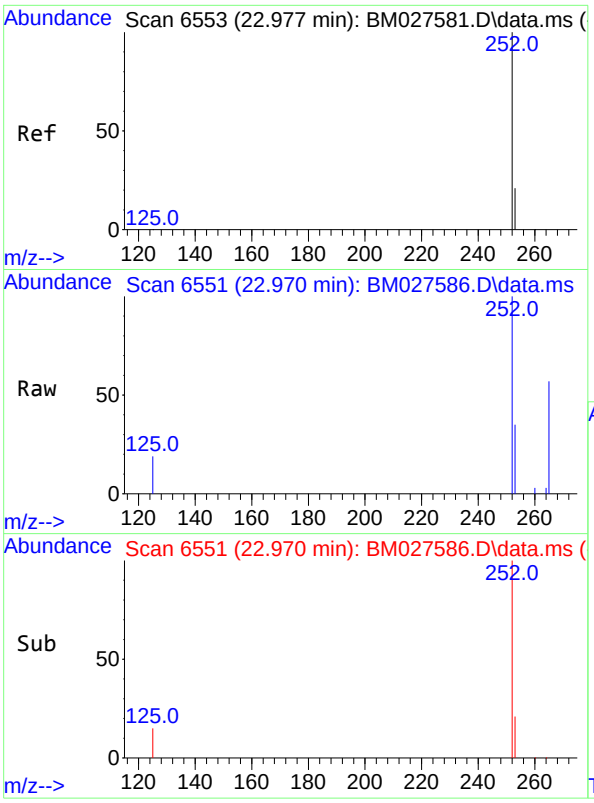
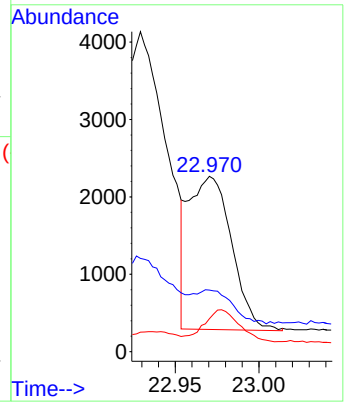


#22
Benzo(k)fluoranthene
Concen: 0.16 ng/ul m
RT: 22.970 min Scan# 6551
Delta R.T. -0.009 min
Lab File: BM027586.D
Acq: 02 Oct 2020 18:10

Tgt Ion:252 Resp: 3527

Ion	Ratio	Lower	Upper
252	100		
253	35.2	19.1	28.7#
125	18.8	5.0	7.4#



Instrument :
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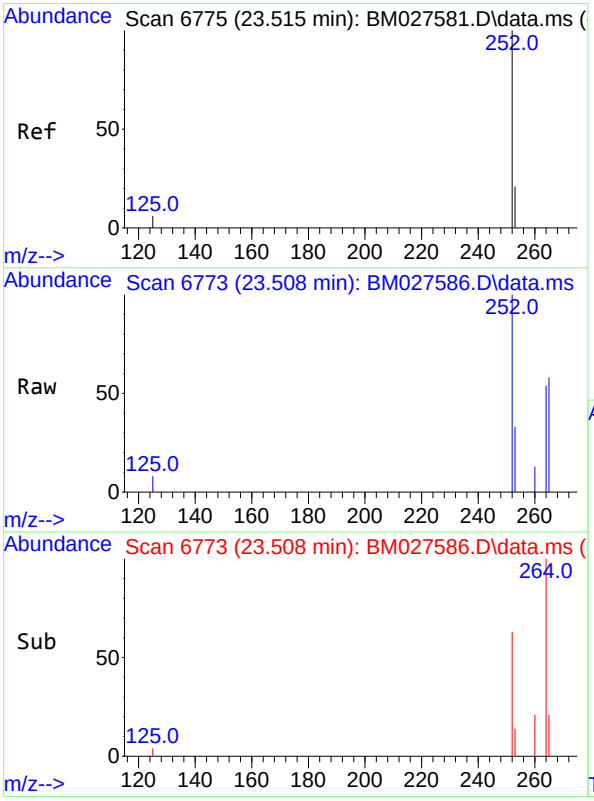
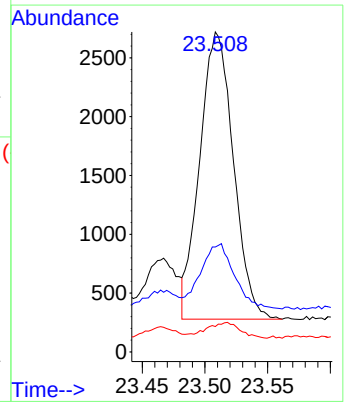
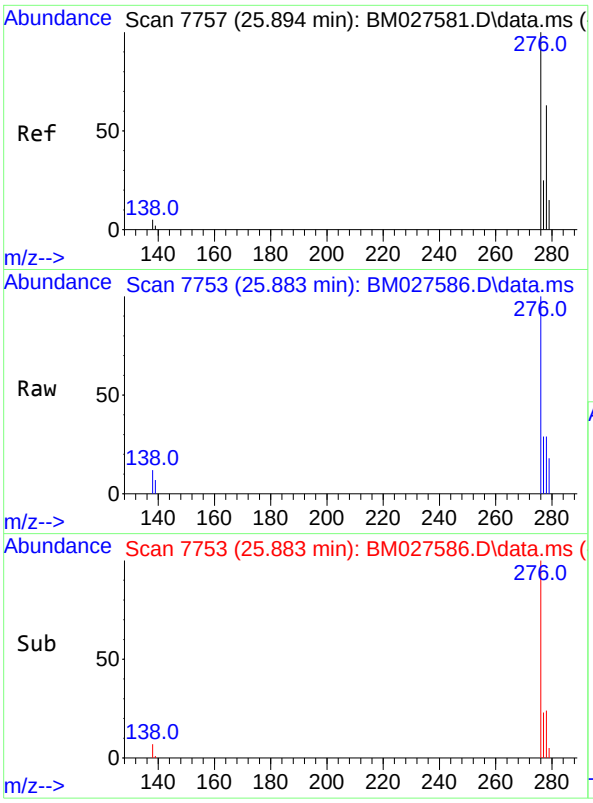


#23
Benzo(a)pyrene
Concen: 0.24 ng/ul
RT: 23.508 min Scan# 6773
Delta R.T. -0.007 min
Lab File: BM027586.D
Acq: 02 Oct 2020 18:10

Tgt Ion:252 Resp: 4566

Ion	Ratio	Lower	Upper
252	100		
253	32.8	19.6	29.4#
125	7.9	5.0	7.6#

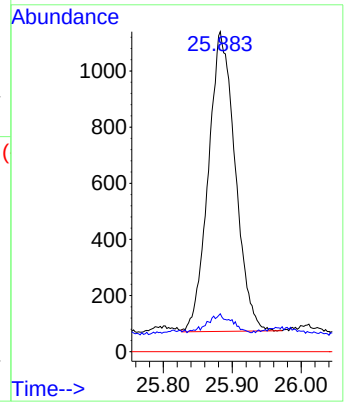


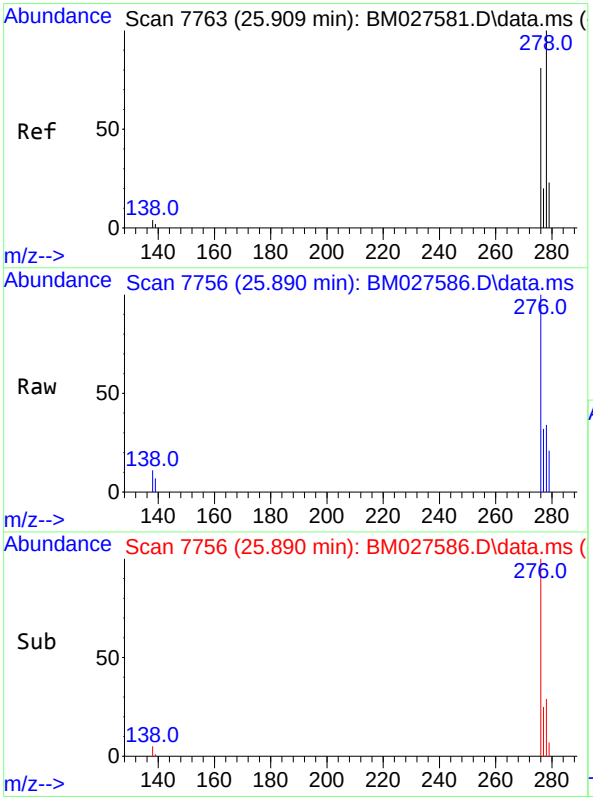


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng/ul
RT: 25.883 min Scan# 7753
Delta R.T. -0.012 min
Lab File: BM027586.D
Acq: 02 Oct 2020 18:10

Tgt Ion:276 Resp: 2883

Ion	Ratio	Lower	Upper
276	100		
138	6.3	8.6	12.8#
227	0.0	0.0	0.0

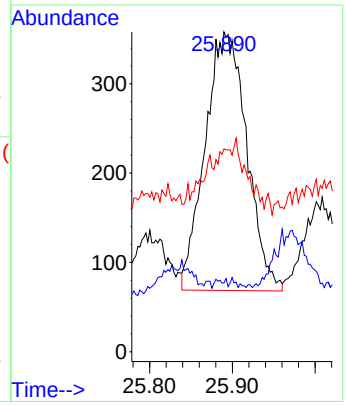




#25
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 25.890 min Scan# 7756
Delta R.T. -0.021 min
Lab File: BM027586.D
Acq: 02 Oct 2020 18:10

Tgt Ion:278 Resp: 1011

Ion	Ratio	Lower	Upper
278	100		
139	21.5	7.6	11.4#
279	63.4	20.7	31.1#



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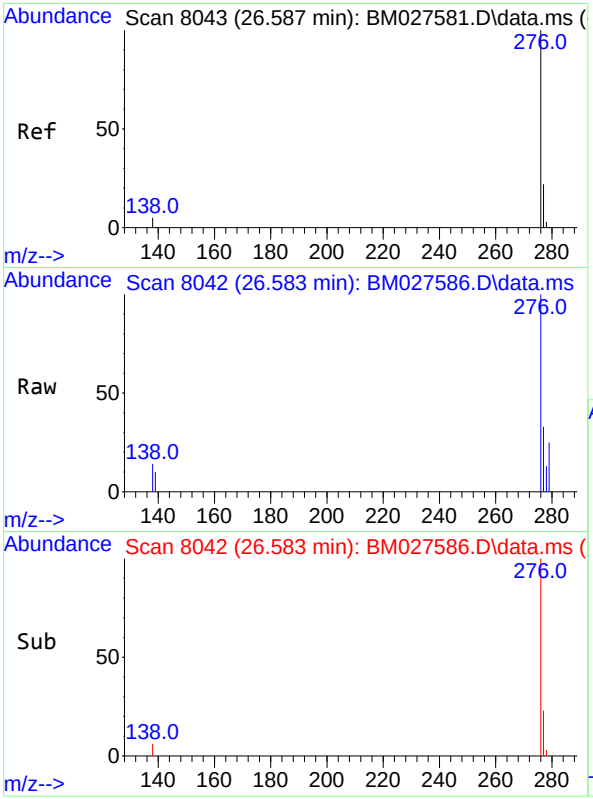
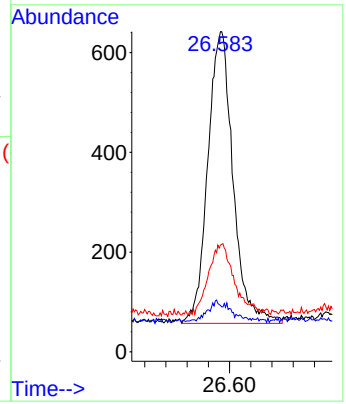


#26
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul
RT: 26.583 min Scan# 8042
Delta R.T. -0.012 min
Lab File: BM027586.D
Acq: 02 Oct 2020 18:10

Tgt Ion:276 Resp: 1931

Ion	Ratio	Lower	Upper
276	100		
138	14.5	9.0	13.4#
277	33.3	19.4	29.0#



Instrument :
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ClientSampleId :
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