Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031739.D
Acq On : 14 Aug 2021 09:03
Operator : CG/JU
Sample : M3208-10DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00F0DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:12 AM

Quant Time: Aug 14 09:33:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	1006	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.325	136	3538	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.197	164	1926	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.950	188	4060	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.149	240	3956	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	4071	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	710	0.635	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	215	0.036	ng/ul	-0.01
18) Fluoranthene-d10	18.982	212	431	0.033	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.370	128	2122	0.201	ng/ul	94
7) 2-Methylnaphthalene	11.998	142	1502	0.209	ng/ul	99
8) 1-Methylnaphthalene	12.218	142	822	0.116	ng/ul	100
10) Acenaphthylene	13.918	152	769	0.094	ng/ul#	79
15) Phenanthrene	16.992	178	5494	0.426	ng/ul	99
16) Anthracene	17.082	178	730	0.060	ng/ul#	82
19) Fluoranthene	19.016	202	9254	0.548	ng/ul	98
20) Pyrene	19.378	202	7890	0.461	ng/ul	98
21) Benzo(a)anthracene	21.135	228	4763	0.298	ng/ul#	93
22) Chrysene	21.185	228	6622	0.401	ng/ul	97
24) Benzo(b)fluoranthene	22.665	252	7260m	0.396	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	2482m	0.131	ng/ul	
26) Benzo(a)pyrene	23.210	252	3666	0.228	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.432	276	2828	0.136	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.434	278	824	0.049	ng/ul#	34
29) Benzo(g,h,i)perylene	26.078	276	567	0.032	ng/ul#	49

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

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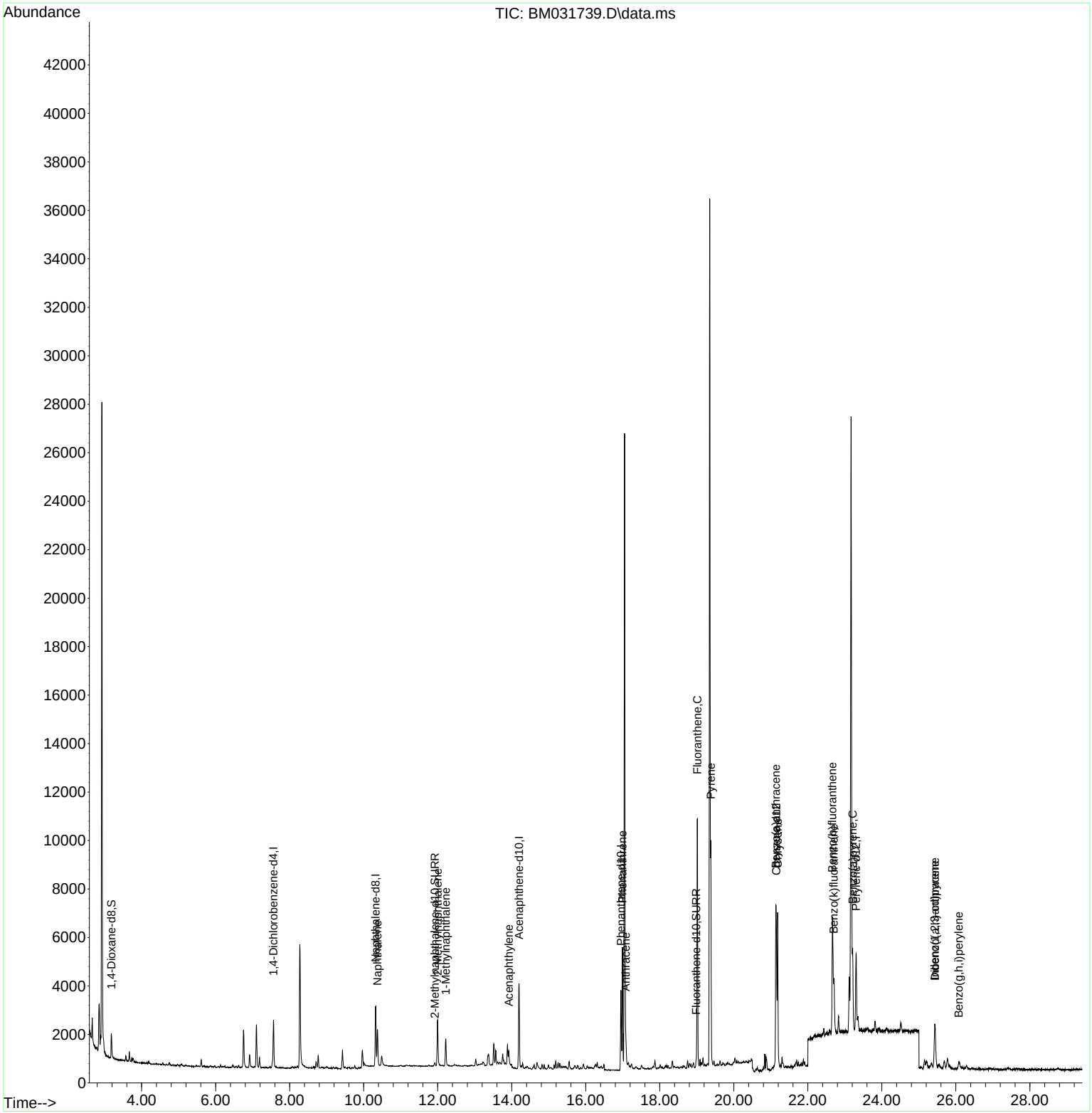
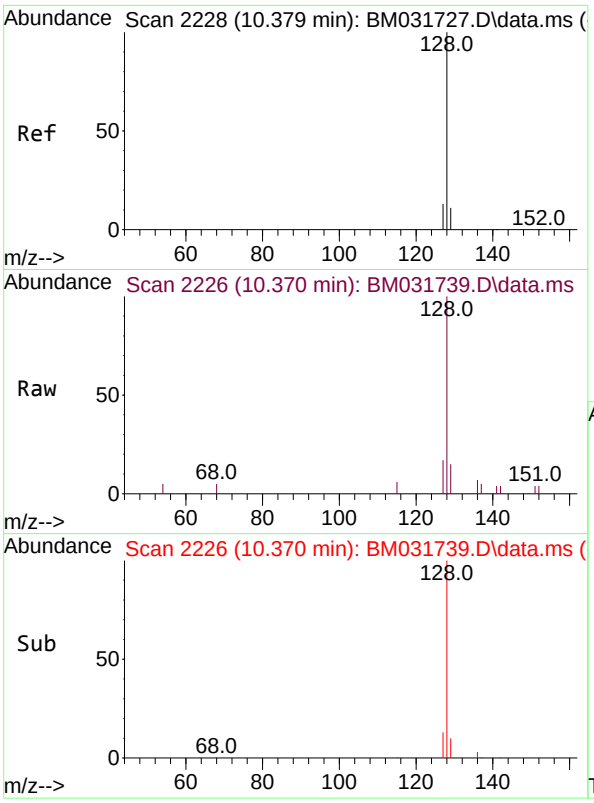
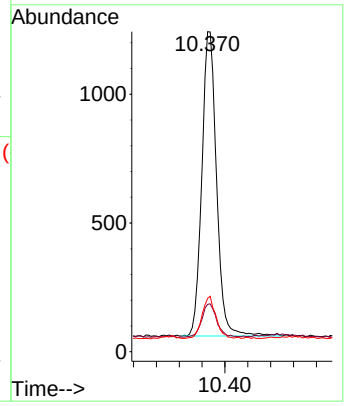




#5
Naphthalene
Concen: 0.201 ng/ul
RT: 10.370 min Scan# 2226
Delta R.T. -0.013 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:128 Resp: 2122

Ion	Ratio	Lower	Upper
128	100		
129	14.8	10.0	15.0
127	16.7	11.6	17.4



Instrument :
BNA_M
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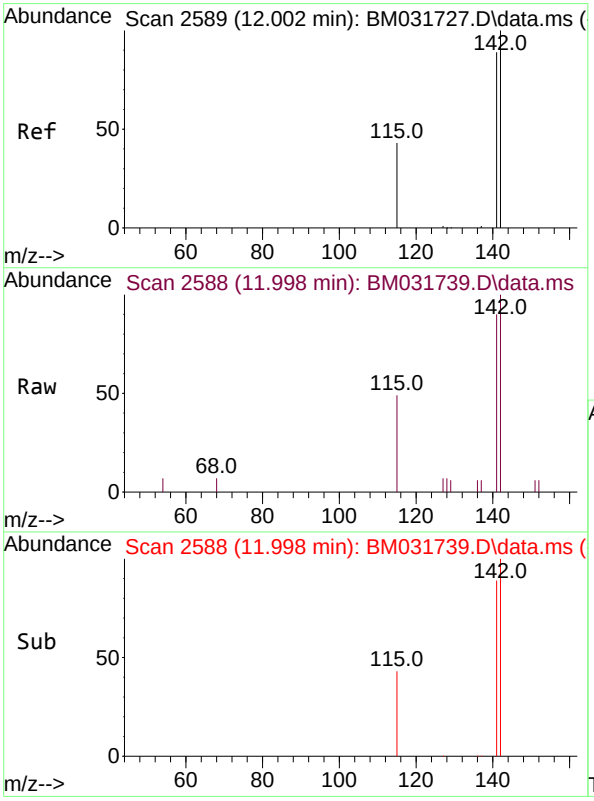
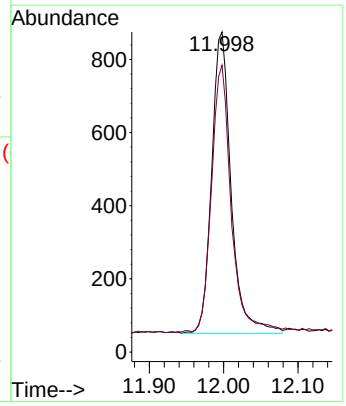
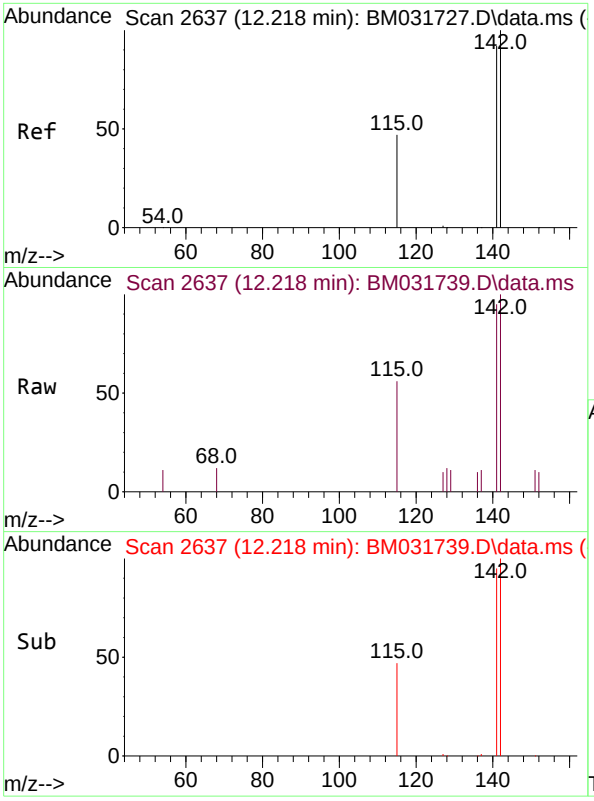


#7
2-Methylnaphthalene
Concen: 0.209 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:142 Resp: 1502

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.0

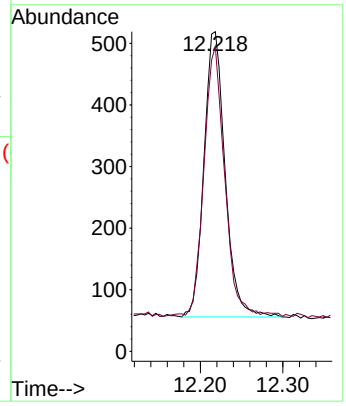




#8
1-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:142 Resp: 822

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.1	111.1



Instrument :
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ClientSampleId :
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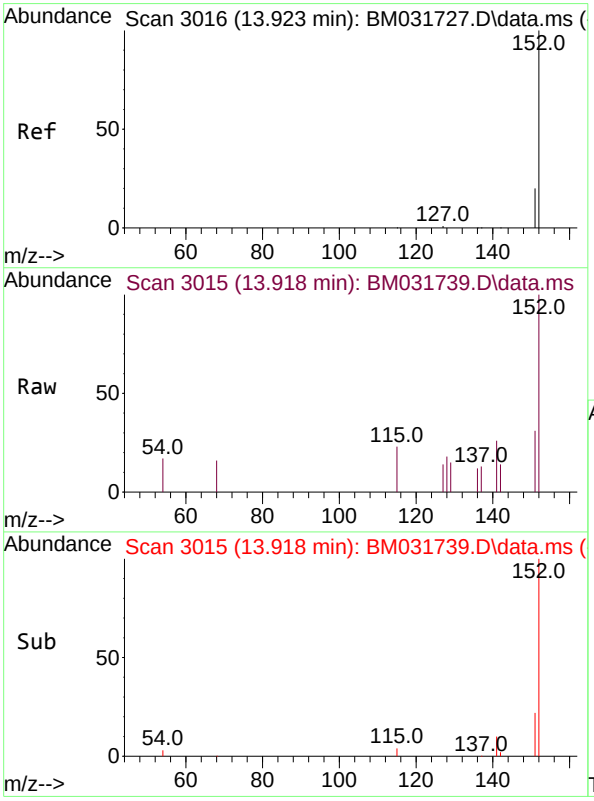
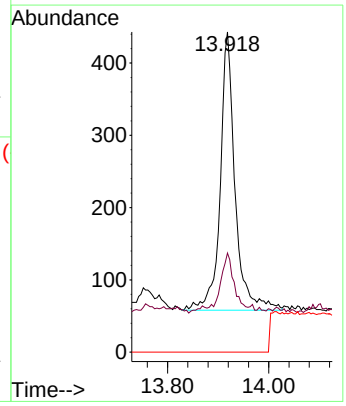
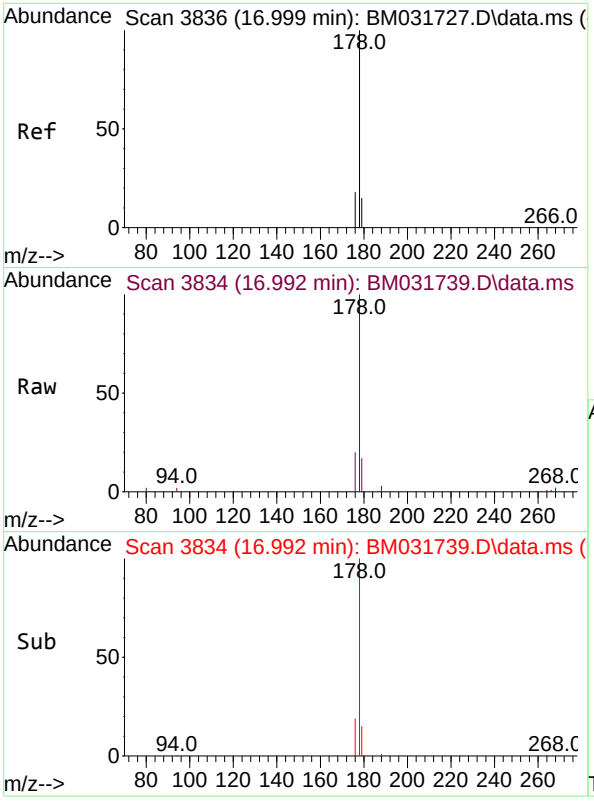


#10
Acenaphthylene
Concen: 0.094 ng/ul
RT: 13.918 min Scan# 3015
Delta R.T. -0.012 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:152 Resp: 769

Ion	Ratio	Lower	Upper
152	100		
151	30.9	16.9	25.3#
153	0.0	0.0	0.0

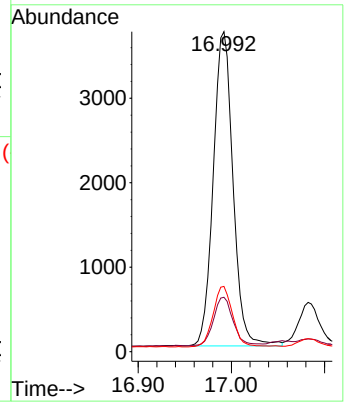




#15
Phenanthrene
Concen: 0.426 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:178 Resp: 5494

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.3	19.9
176	20.4	16.2	24.4



Instrument :
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ClientSampleId :
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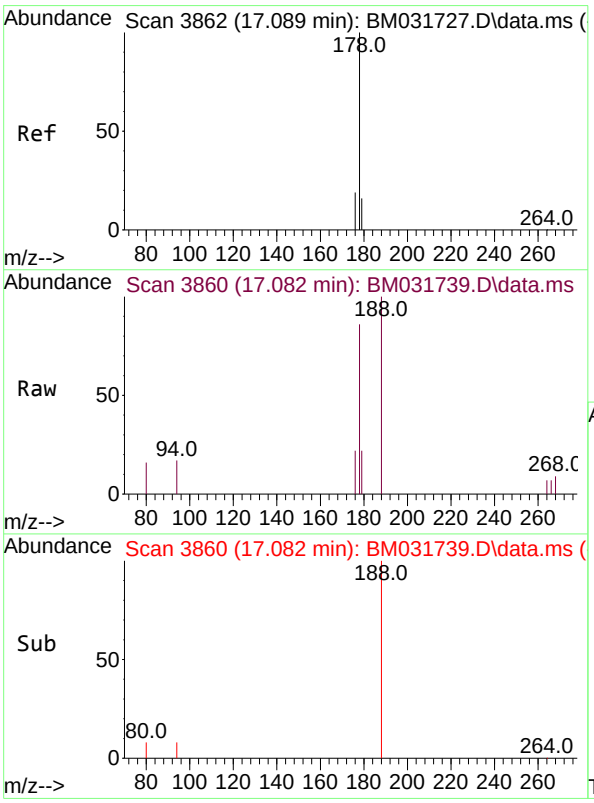
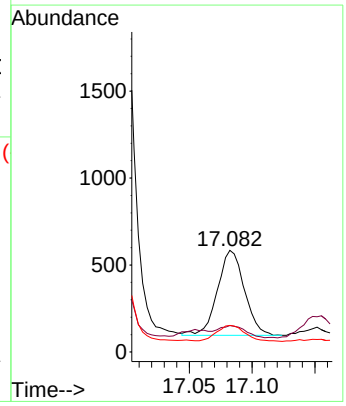
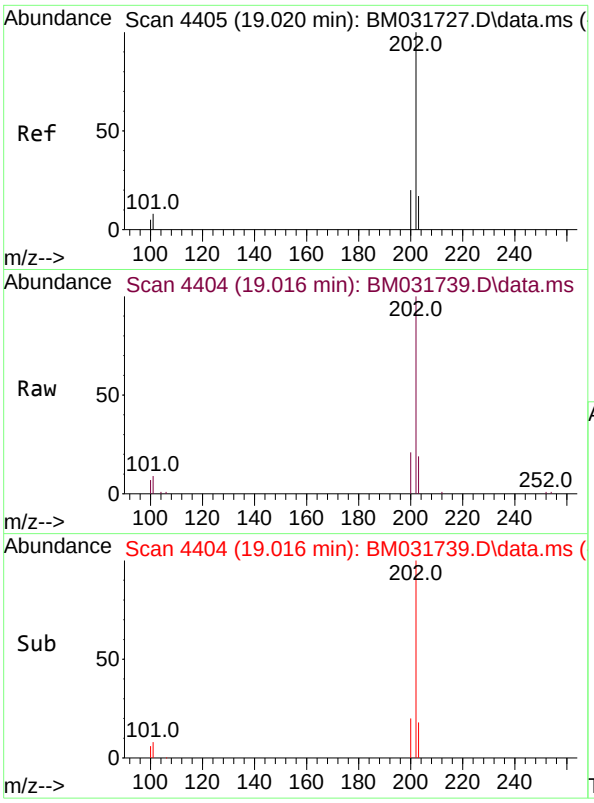


#16
Anthracene
Concen: 0.060 ng/ul
RT: 17.082 min Scan# 3860
Delta R.T. -0.014 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:178 Resp: 730

Ion	Ratio	Lower	Upper
178	100		
179	26.0	13.0	19.6#
176	26.2	15.6	23.4#

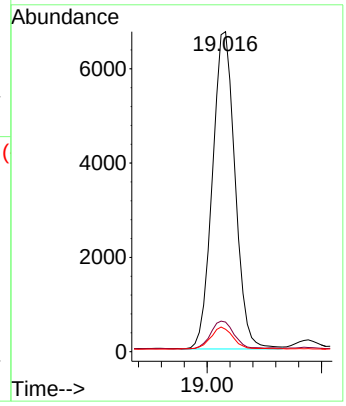




#19
Fluoranthene
Concen: 0.548 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:202 Resp: 9254

Ion	Ratio	Lower	Upper
202	100		
101	9.3	6.6	10.0
100	7.0	5.4	8.0



Instrument :
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ClientSampleId :
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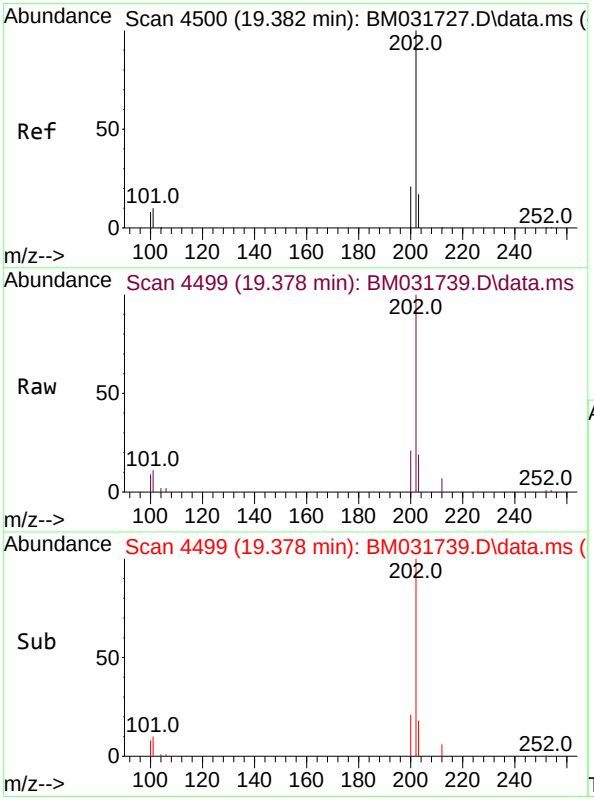
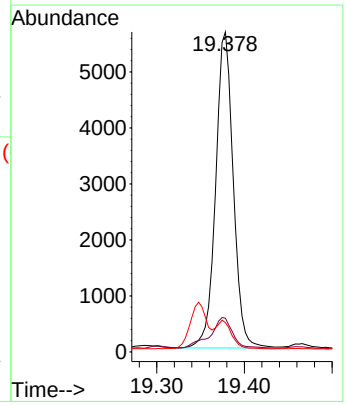
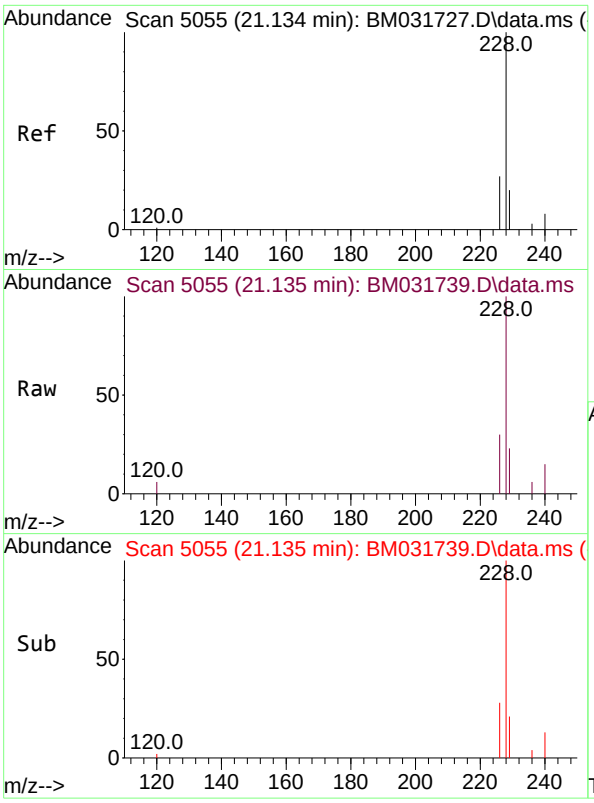


#20
Pyrene
Concen: 0.461 ng/ul
RT: 19.378 min Scan# 4499
Delta R.T. -0.011 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:202 Resp: 7890

Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.8	11.6
100	9.2	6.6	10.0

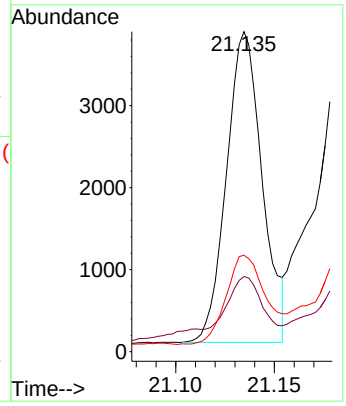




#21
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:228 Resp: 4763

Ion	Ratio	Lower	Upper
228	100		
229	23.5	15.6	23.4#
226	30.2	21.7	32.5



Instrument :
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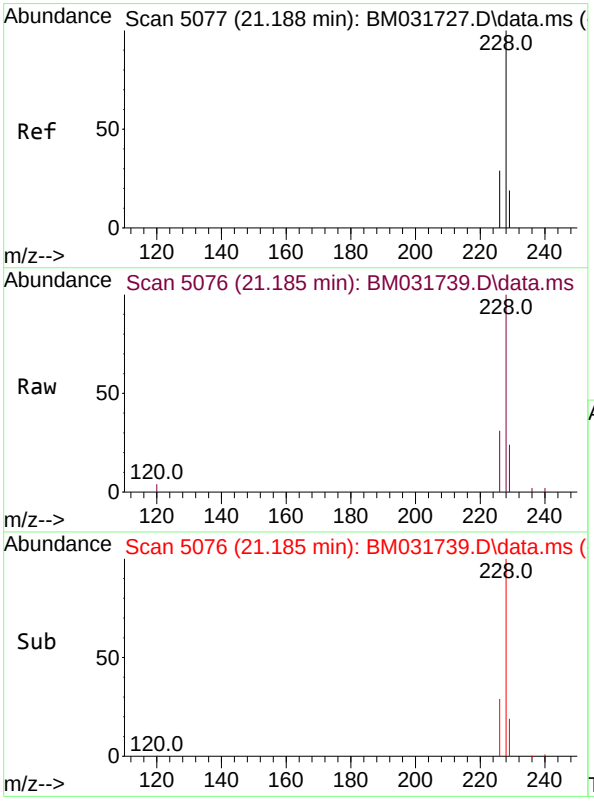
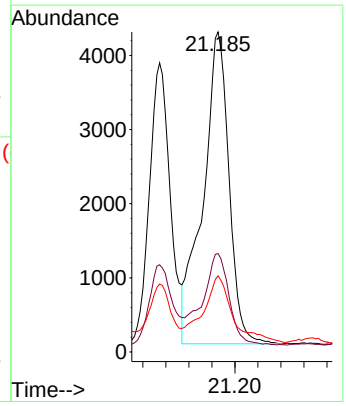
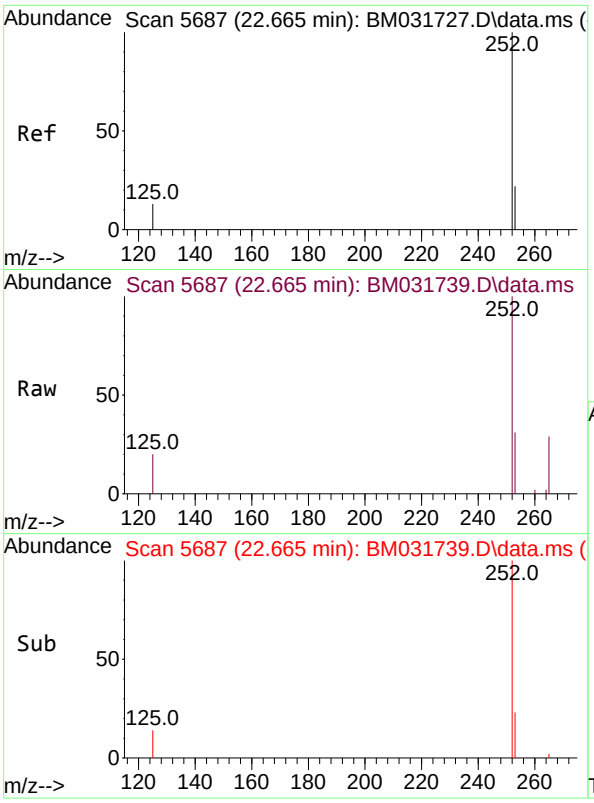


#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.185 min Scan# 5076
Delta R.T. -0.009 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:228 Resp: 6622

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	23.8	16.2	24.2

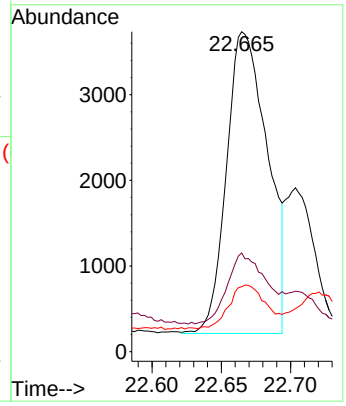


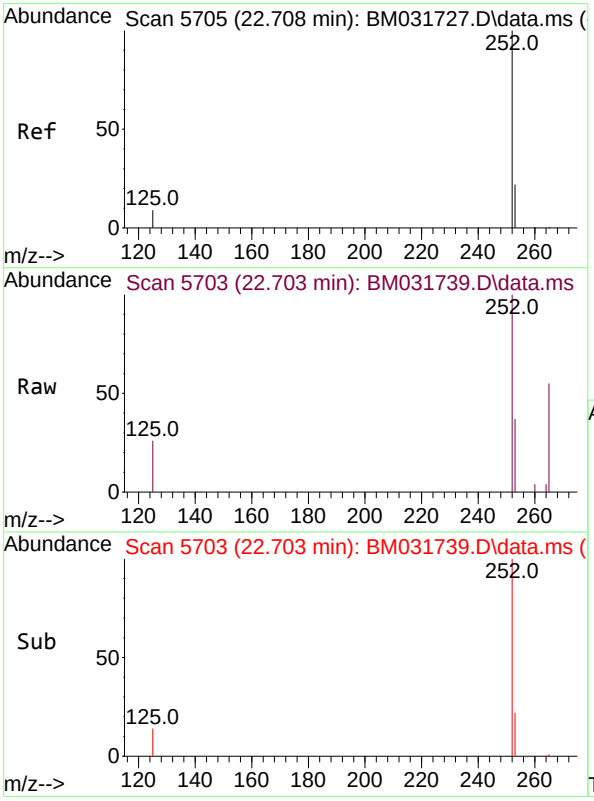


#24
Benzo(b)fluoranthene
Concen: 0.396 ng/ul m
RT: 22.665 min Scan# 5687
Delta R.T. -0.012 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:252 Resp: 7260

Ion	Ratio	Lower	Upper
252	100		
253	30.9	0.0	53.0
125	20.3	0.0	22.8

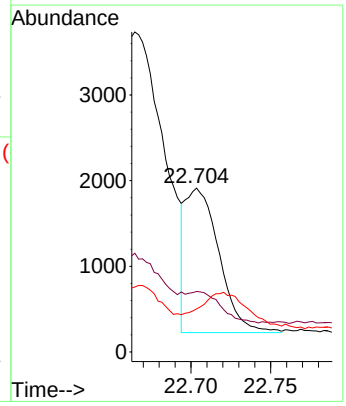




#25
Benzo(k)fluoranthene
Concen: 0.131 ng/ul m
RT: 22.703 min Scan# 5703
Delta R.T. -0.017 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:252 Resp: 2482

Ion	Ratio	Lower	Upper
252	100		
253	36.9	21.3	31.9#
125	26.3	8.8	13.2#



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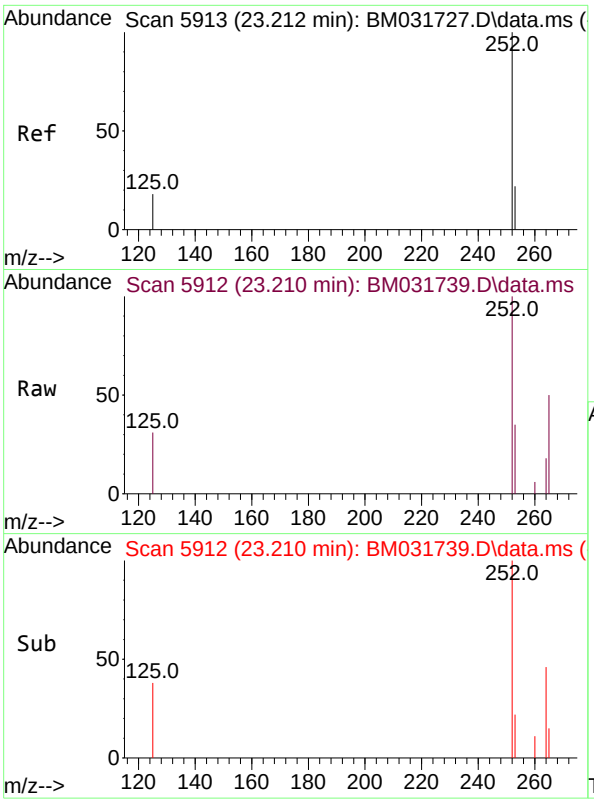
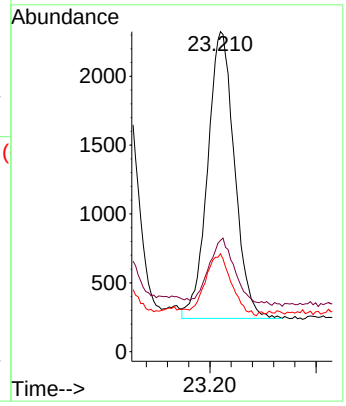


#26
Benzo(a)pyrene
Concen: 0.228 ng/ul
RT: 23.210 min Scan# 5912
Delta R.T. -0.017 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:252 Resp: 3666

Ion	Ratio	Lower	Upper
252	100		
253	34.7	22.4	33.6#
125	30.6	13.0	19.4#



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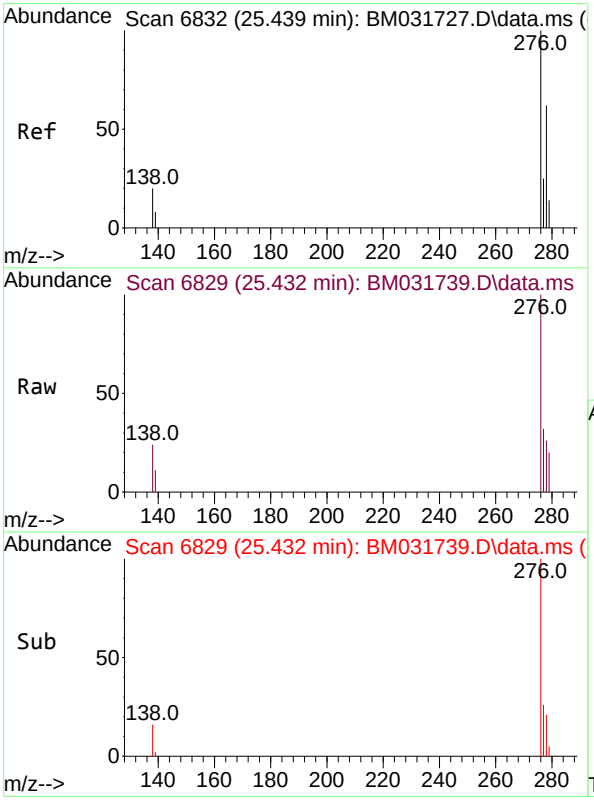
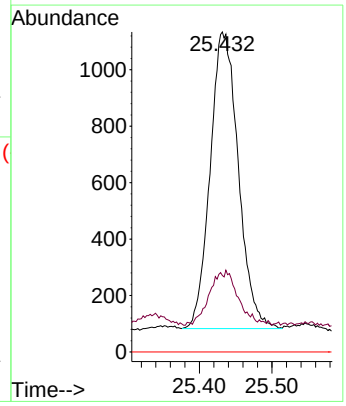
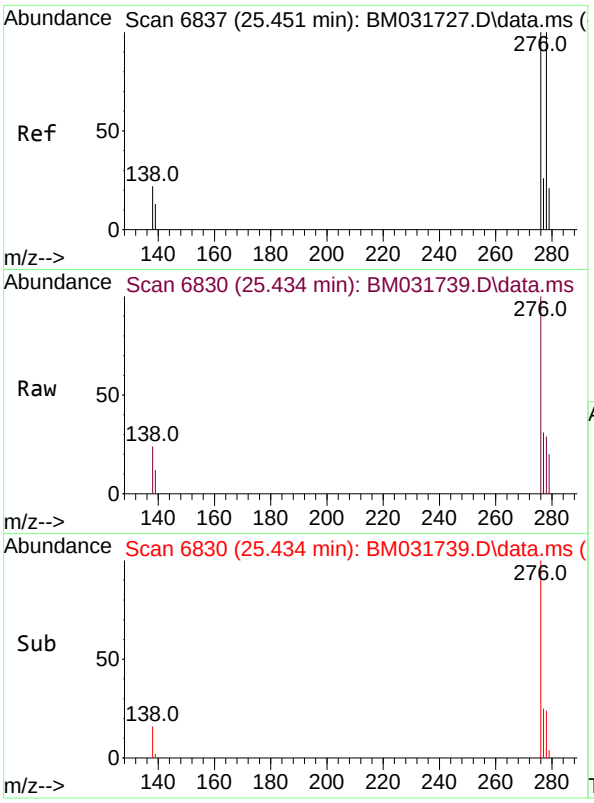


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.136 ng/ul
RT: 25.432 min Scan# 6829
Delta R.T. -0.029 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:276 Resp: 2828

Ion	Ratio	Lower	Upper
276	100		
138	18.1	15.8	23.8
227	0.0	0.0	0.0

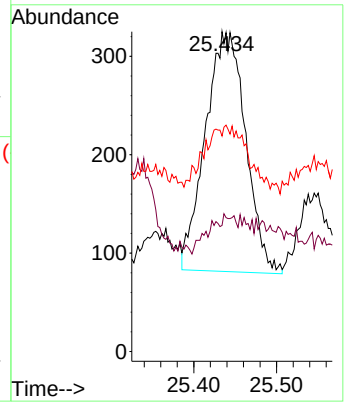




#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 25.434 min Scan# 6830
Delta R.T. -0.038 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:278 Resp: 824

Ion	Ratio	Lower	Upper
278	100		
139	39.4	13.3	19.9#
279	67.4	22.8	34.2#



Instrument :
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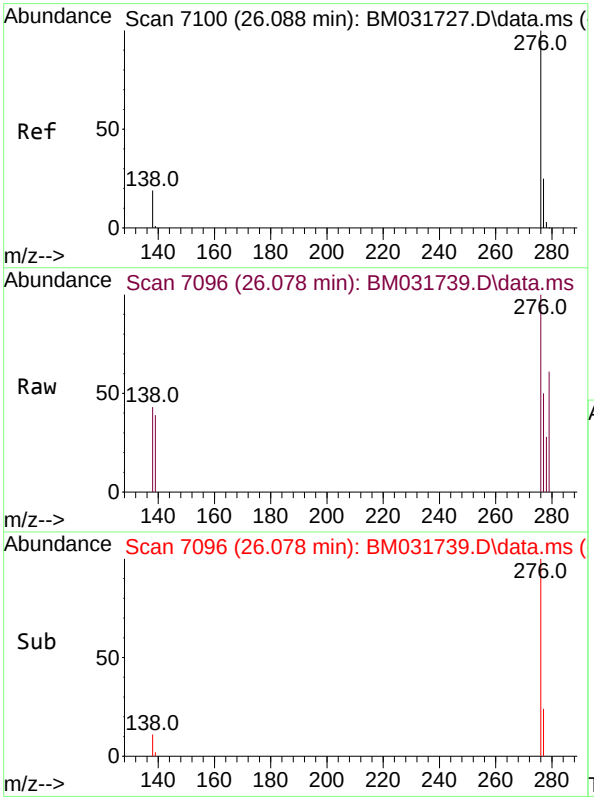

#29
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul
RT: 26.078 min Scan# 7096
Delta R.T. -0.029 min
Lab File: BM031739.D
Acq: 14 Aug 2021 09:03

Tgt Ion:276 Resp: 567

Ion	Ratio	Lower	Upper
276	100		
138	43.1	15.4	23.2#
277	49.8	19.9	29.9#