Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031623.D
Acq On : 10 Aug 2021 03:52
Operator : CG/JU
Sample : PB138111BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS111

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Quant Time: Aug 10 06:05:20 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 : Mon Aug 09 10:16:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1278	0.400	ng/ul	0.00
4) Naphthalene-d8	10.342	136	4657	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.211	164	2469	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	4674	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.157	240	3724	0.400	ng/ul	# 0.00
23) Perylene-d12	23.315	264	3785	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	1019	0.718	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.934	152	3014	0.384	ng/ul	0.00
18) Fluoranthene-d10	18.996	212	5329	0.429	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	2765	1.928	ng/ul#	75
5) Naphthalene	10.387	128	5292	0.381	ng/ul	100
7) 2-Methylnaphthalene	12.010	142	3484	0.368	ng/ul	98
8) 1-Methylnaphthalene	12.231	142	3143	0.336	ng/ul	100
10) Acenaphthylene	13.931	152	4400	0.418	ng/ul	100
11) Acenaphthene	14.276	153	3437	0.388	ng/ul	99
12) Fluorene	15.269	166	3679	0.361	ng/ul	98
14) Pentachlorophenol	16.623	266	1177	0.786	ng/ul	97
15) Phenanthrene	17.005	178	5652	0.381	ng/ul	99
16) Anthracene	17.099	178	5357	0.386	ng/ul	99
19) Fluoranthene	19.027	202	6586	0.414	ng/ul#	95
20) Pyrene	19.389	202	6838	0.424	ng/ul#	93
21) Benzo(a)anthracene	21.140	228	6329	0.421	ng/ul	97
22) Chrysene	21.193	228	6411	0.412	ng/ul	99
24) Benzo(b)fluoranthene	22.672	252	6491m	0.381	ng/ul	
25) Benzo(k)fluoranthene	22.714	252	6482	0.368	ng/ul#	87
26) Benzo(a)pyrene	23.220	252	5796	0.388	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.449	276	7287	0.377	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.461	278	5831	0.375	ng/ul#	90
29) Benzo(g,h,i)perylene	26.098	276	6182	0.375	ng/ul#	89

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

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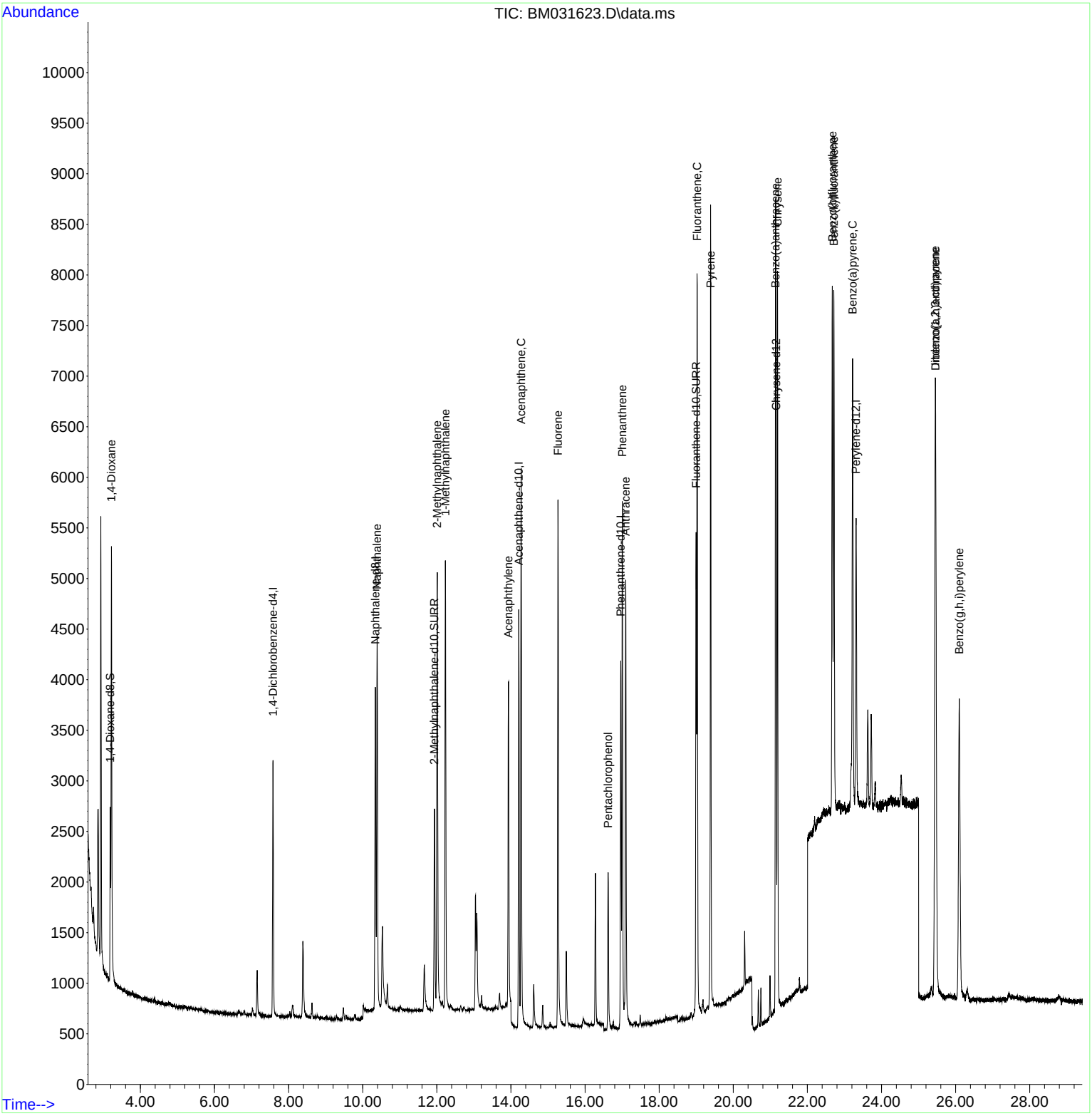
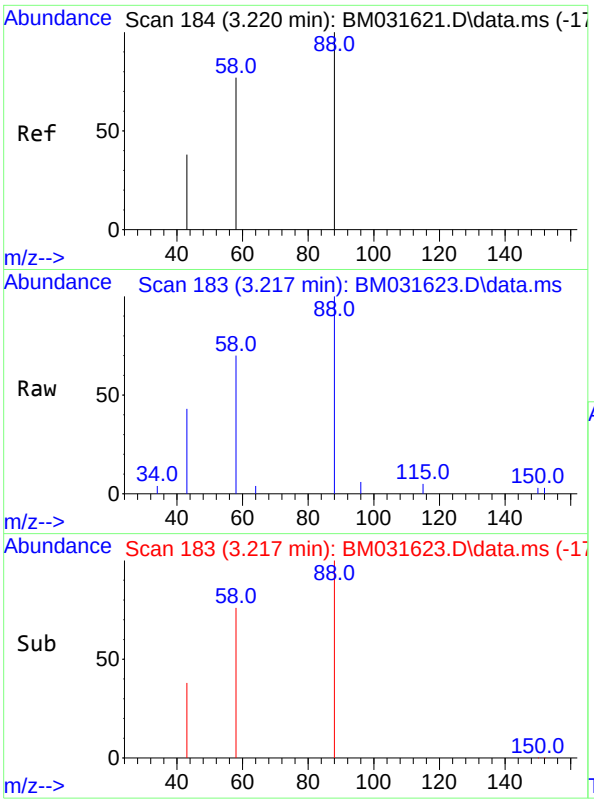
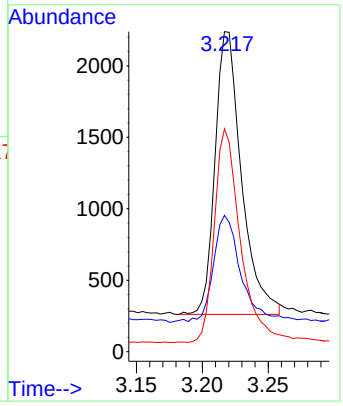




#2
1,4-Dioxane
Concen: 1.928 ng/ul
RT: 3.217 min Scan# 183
Delta R.T. -0.007 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion: 88 Resp: 2765

Ion	Ratio	Lower	Upper
88	100		
43	42.6	29.7	44.5
58	69.6	35.6	53.4#



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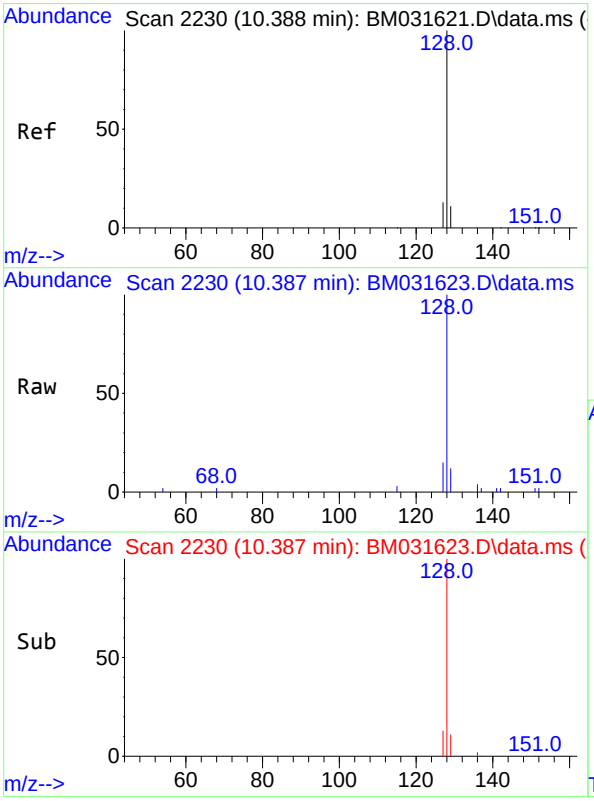
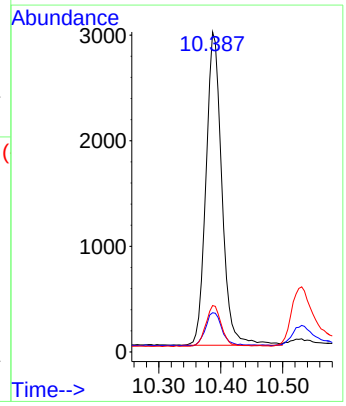
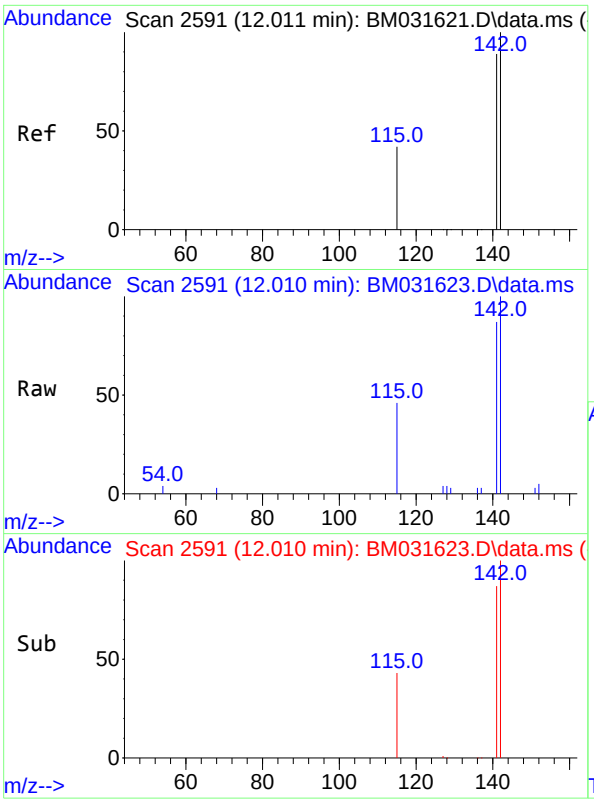


#5
Naphthalene
Concen: 0.381 ng/ul
RT: 10.387 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:128 Resp: 5292

Ion	Ratio	Lower	Upper
128	100		
129	12.3	10.0	15.0
127	14.5	11.6	17.4

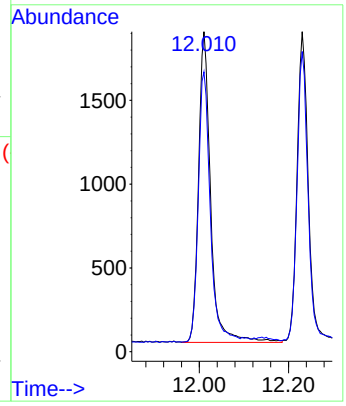


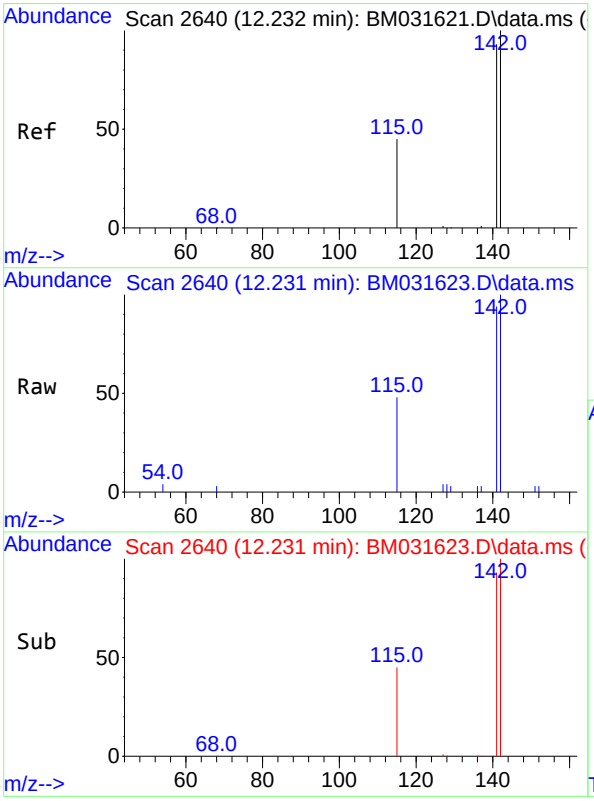


#7
2-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.010 min Scan# 2591
Delta R.T. -0.001 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:142 Resp: 3484

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.4	107.0

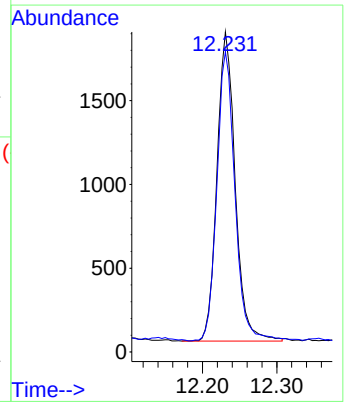




#8
1-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.231 min Scan# 2640
Delta R.T. -0.001 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:142 Resp: 3143

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.1	111.1



Instrument :
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ClientSampleId :
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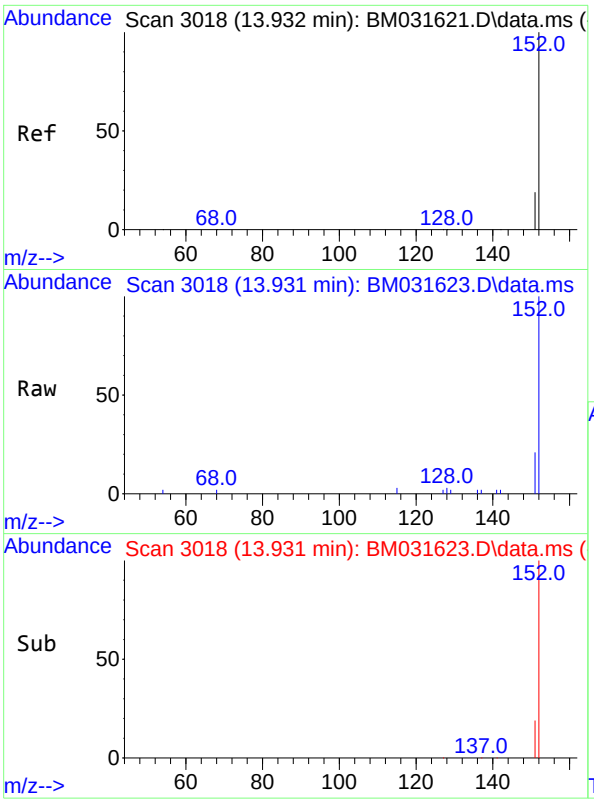
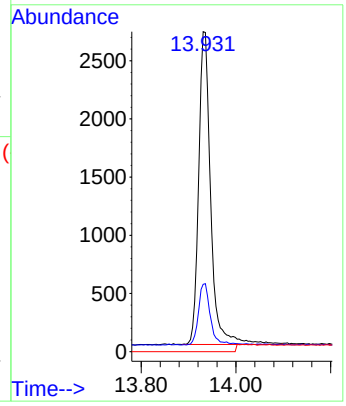


#10
Acenaphthylene
Concen: 0.418 ng/ul
RT: 13.931 min Scan# 3018
Delta R.T. -0.001 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:152 Resp: 4400

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3
153	0.0	0.0	0.0



Instrument :
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ClientSampleId :
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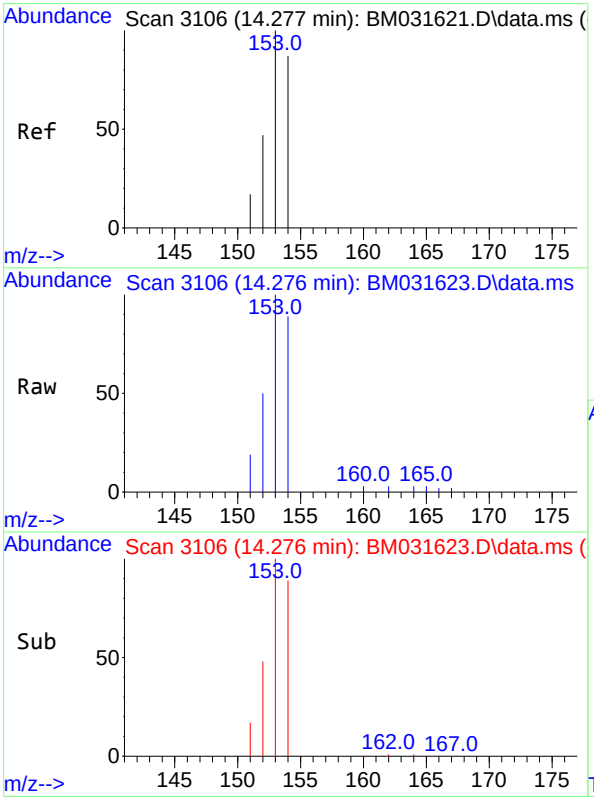
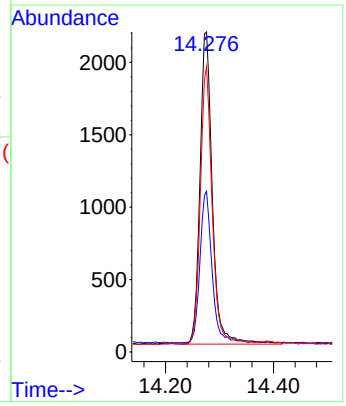
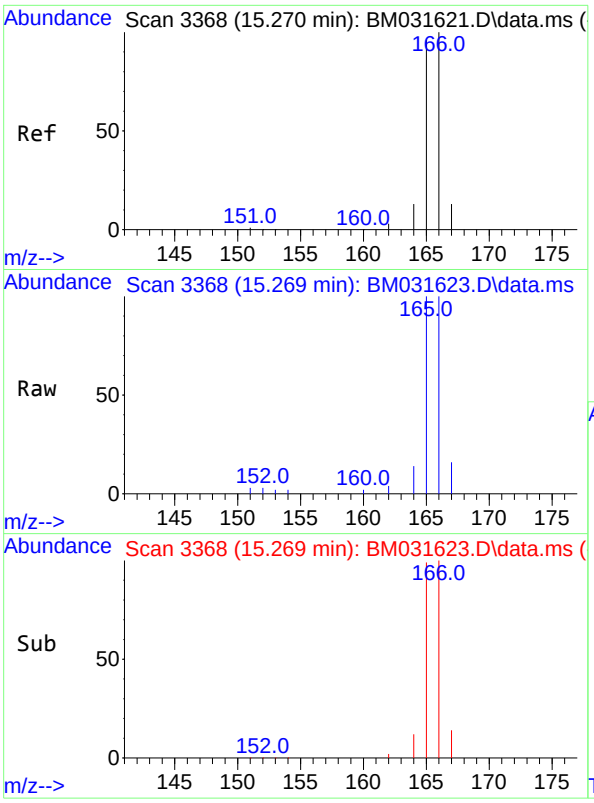


#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.276 min Scan# 3106
Delta R.T. -0.001 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:153 Resp: 3437

Ion	Ratio	Lower	Upper
153	100		
152	50.3	40.7	61.1
154	89.1	70.2	105.2

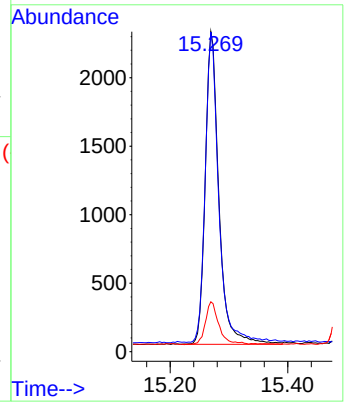




#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.269 min Scan# 3368
Delta R.T. -0.001 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:166 Resp: 3679

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.0	117.0
167	15.6	12.0	18.0



Instrument :
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ClientSampleId :
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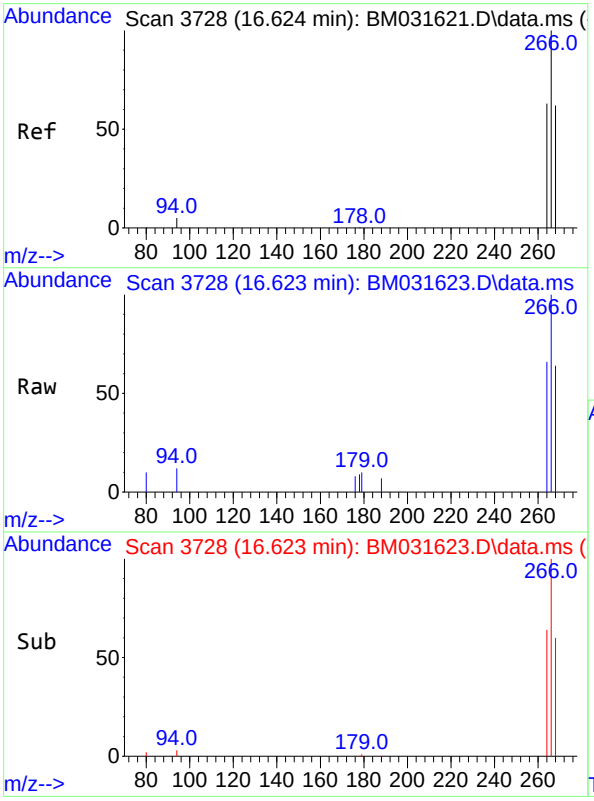
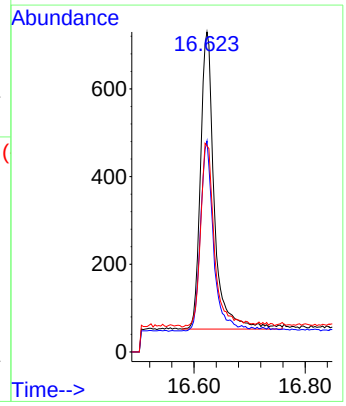
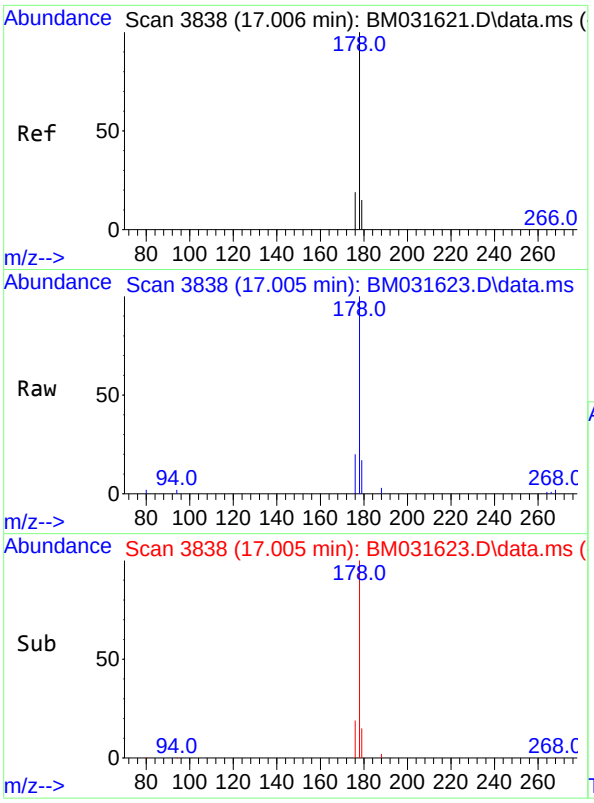


#14
Pentachlorophenol
Concen: 0.786 ng/ul
RT: 16.623 min Scan# 3728
Delta R.T. -0.008 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:266 Resp: 1177

Ion	Ratio	Lower	Upper
266	100		
264	60.2	50.1	75.1
268	62.0	51.3	76.9

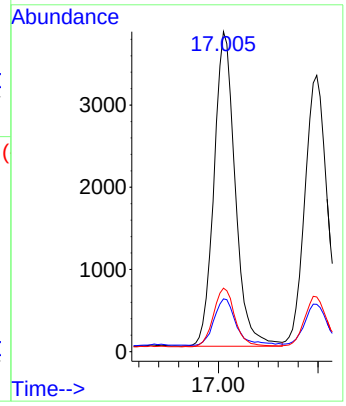




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.005 min Scan# 3838
Delta R.T. -0.005 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:178 Resp: 5652

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.3	19.9
176	19.8	16.2	24.4



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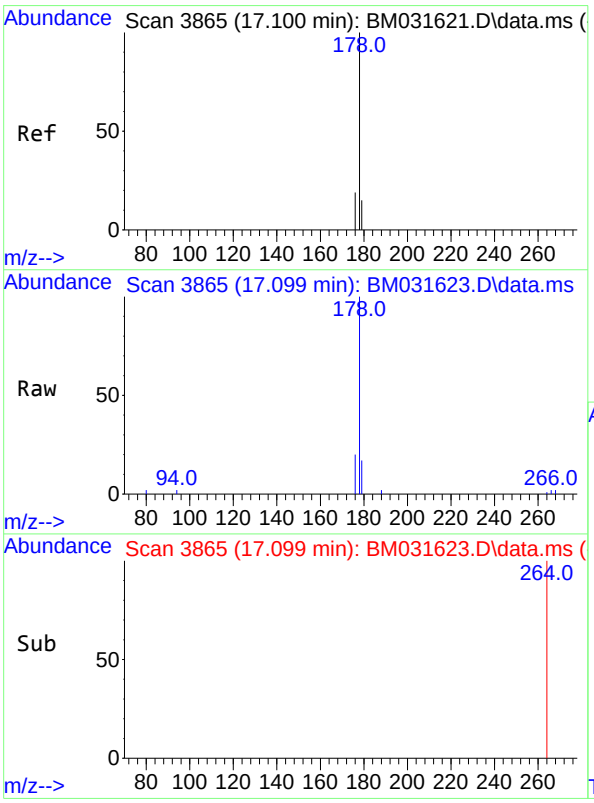
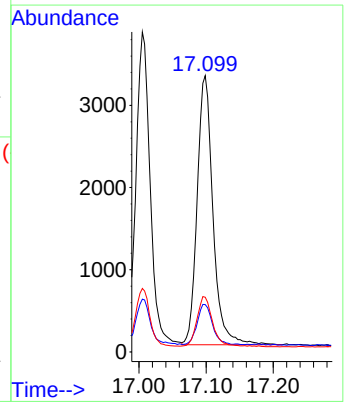
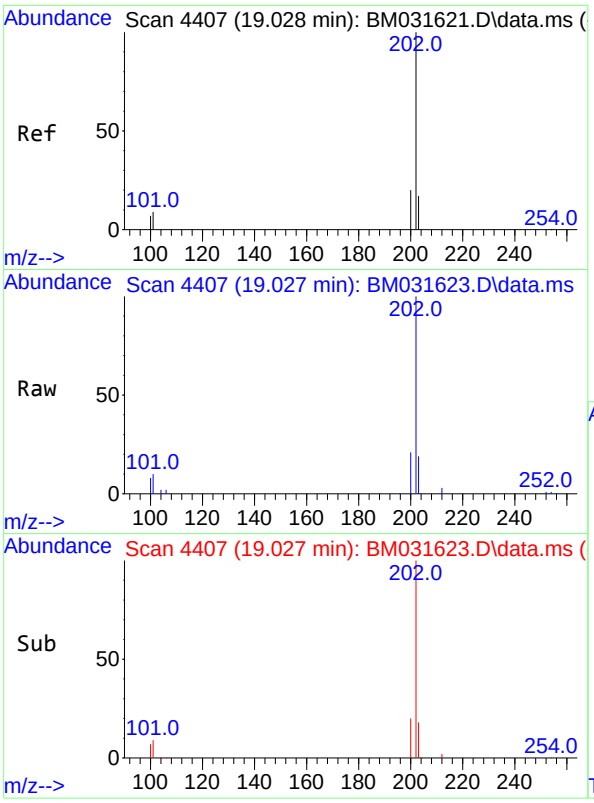


#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.099 min Scan# 3865
Delta R.T. -0.005 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:178 Resp: 5357

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.0	19.6
176	19.8	15.6	23.4

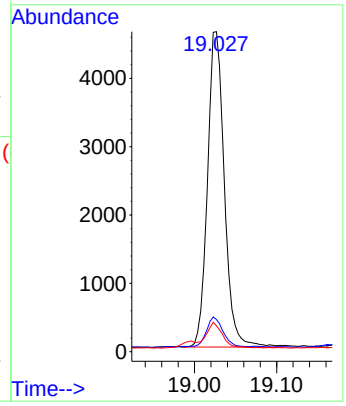


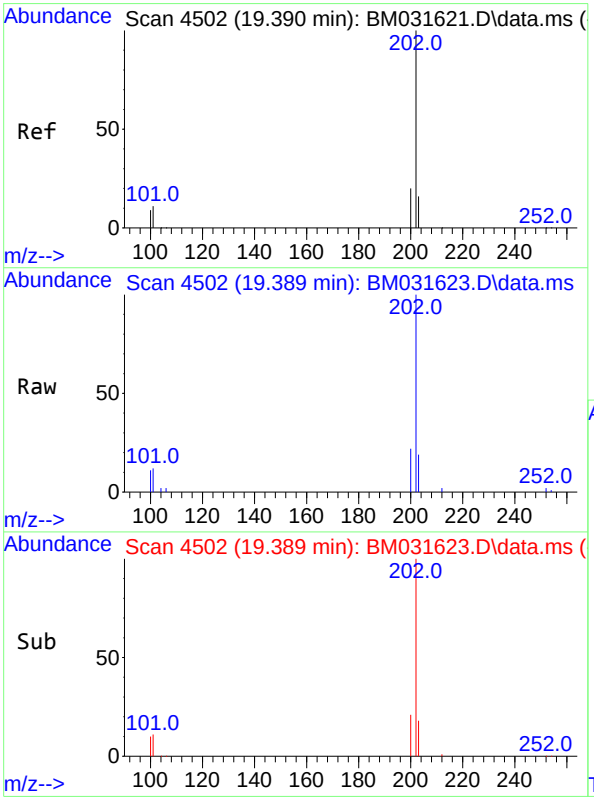


#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 19.027 min Scan# 4407
Delta R.T. -0.001 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:202 Resp: 6586

Ion	Ratio	Lower	Upper
202	100		
101	10.1	6.6	10.0#
100	8.1	5.4	8.0#

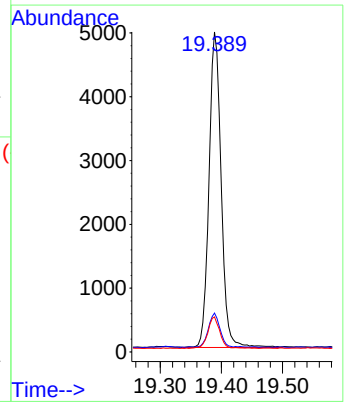




#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.389 min Scan# 4502
Delta R.T. -0.005 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:202 Resp: 6838

Ion	Ratio	Lower	Upper
202	100		
101	12.2	7.8	11.6#
100	11.0	6.6	10.0#



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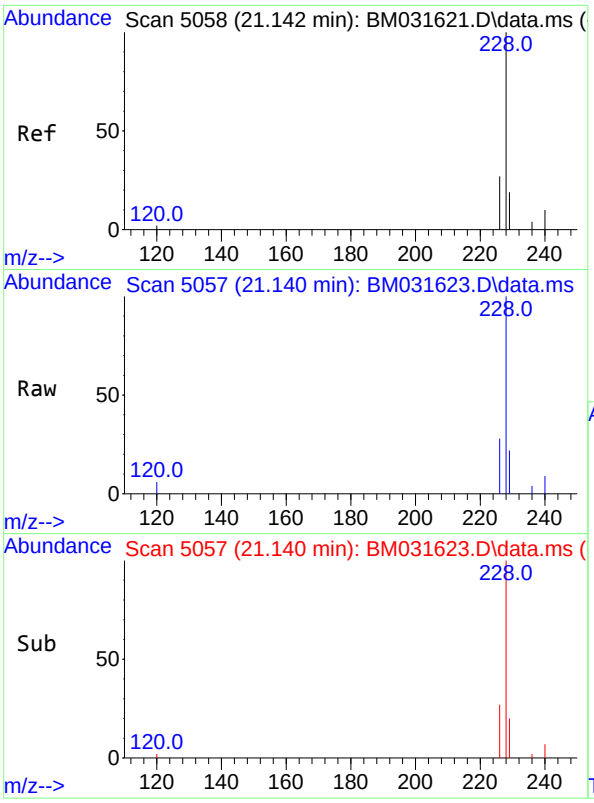
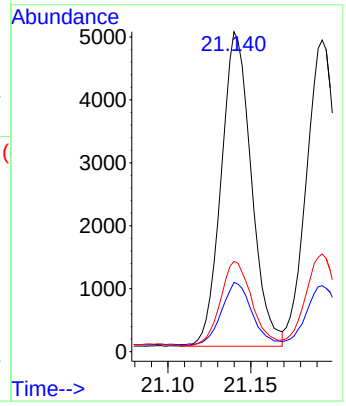


#21
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 21.140 min Scan# 5057
Delta R.T. -0.007 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:228 Resp: 6329

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.6	23.4
226	28.2	21.7	32.5



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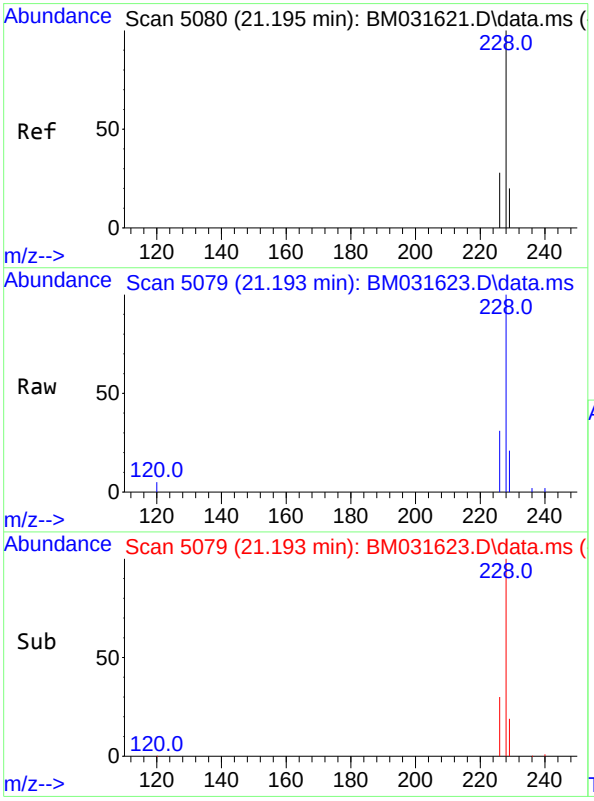
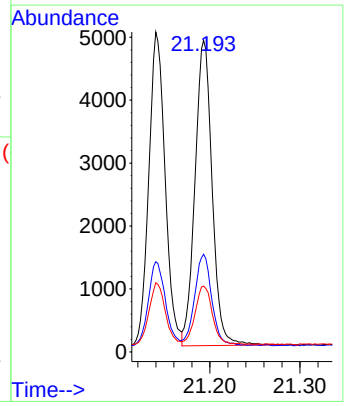
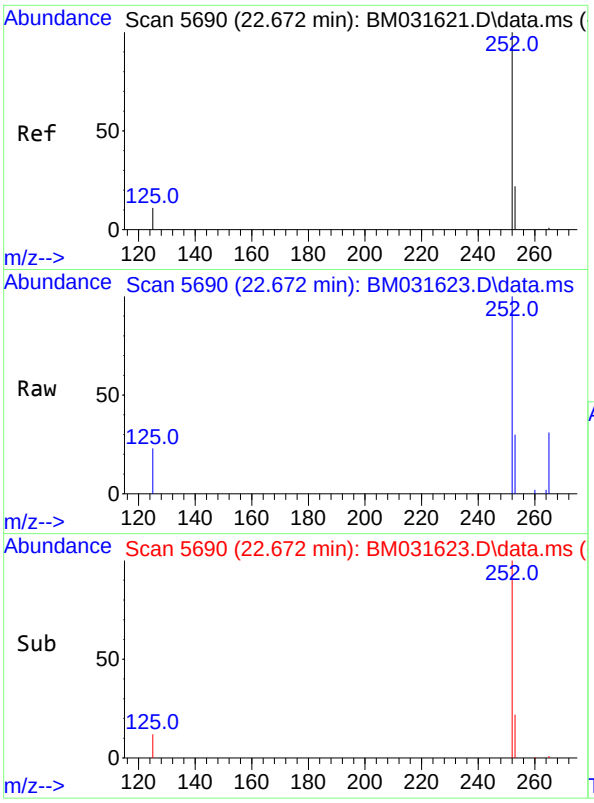


#22
Chrysene
Concen: 0.412 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.002 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:228 Resp: 6411

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	21.2	16.2	24.2

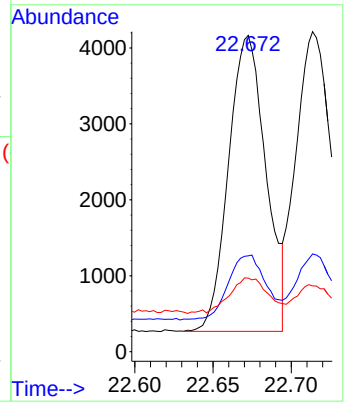


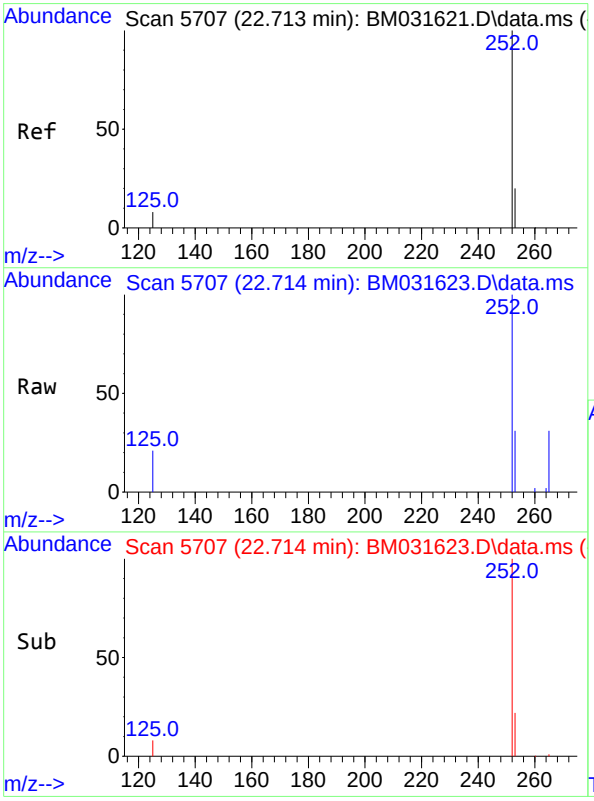


#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.004 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:252 Resp: 6491

Ion	Ratio	Lower	Upper
252	100		
253	30.3	0.0	53.0
125	23.3	0.0	22.8#

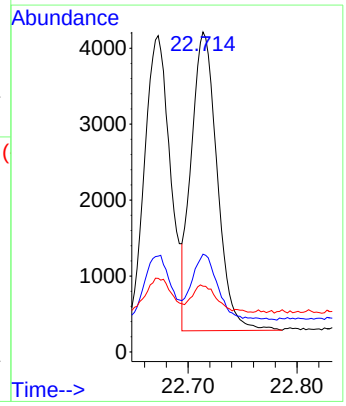




#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 22.714 min Scan# 5707
Delta R.T. -0.007 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:252 Resp: 6482

Ion	Ratio	Lower	Upper
252	100		
253	30.6	21.3	31.9
125	20.6	8.8	13.2#



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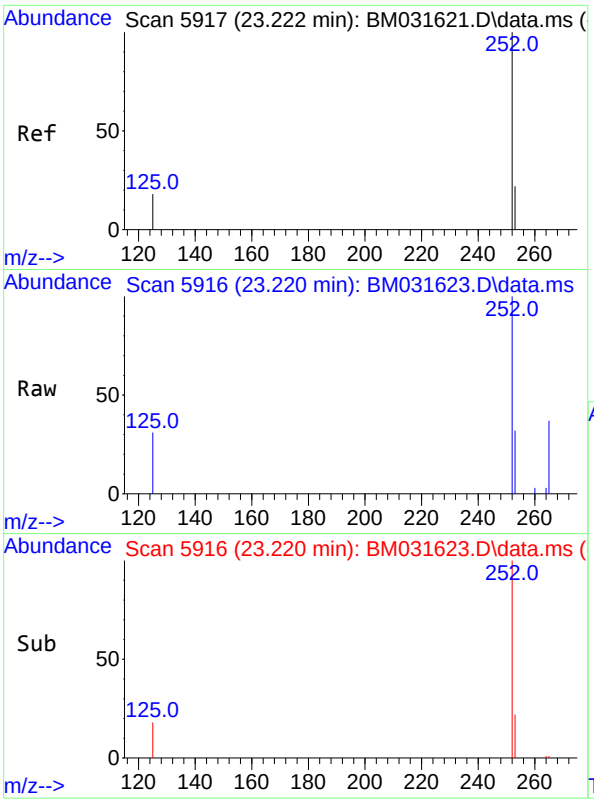
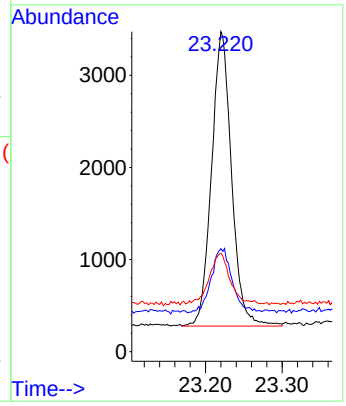


#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.005 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:252 Resp: 5796

Ion	Ratio	Lower	Upper
252	100		
253	32.2	22.4	33.6
125	30.8	13.0	19.4#



Instrument :
BNA_M
ClientSampleId :
SLCS111

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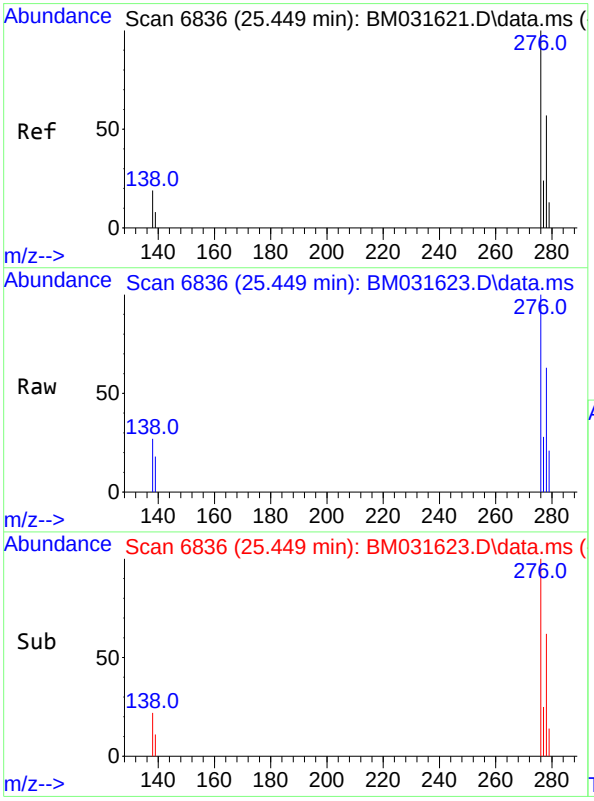
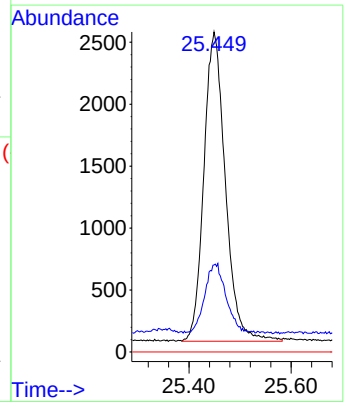
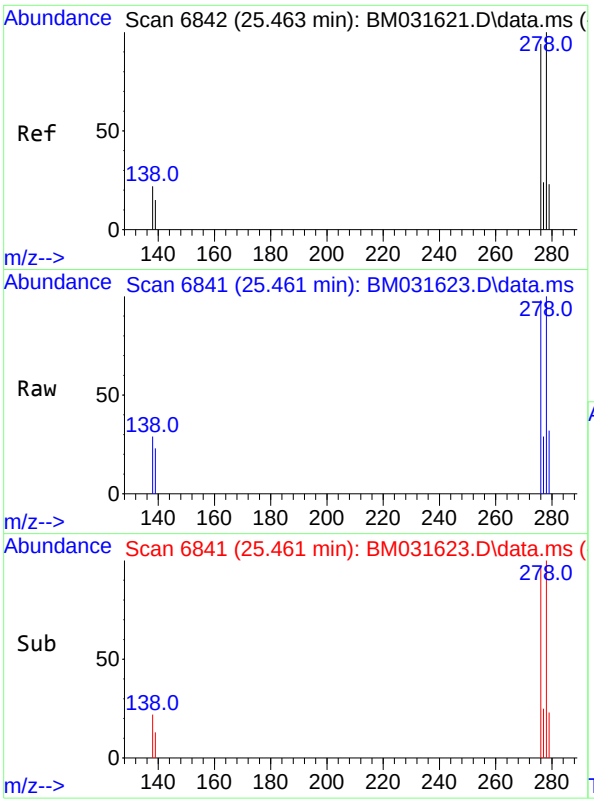


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.004 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:276 Resp: 7287

Ion	Ratio	Lower	Upper
276	100		
138	22.1	15.8	23.8
227	0.0	0.0	0.0

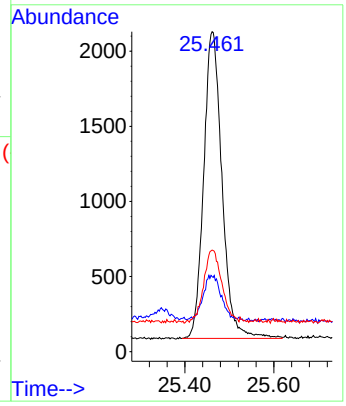




#28
Dibenzo(a,h)anthracene
Concen: 0.375 ng/ul
RT: 25.461 min Scan# 6841
Delta R.T. -0.007 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:278 Resp: 5831

Ion	Ratio	Lower	Upper
278	100		
139	23.4	13.3	19.9#
279	31.7	22.8	34.2



Instrument :
BNA_M
ClientSampleId :
SLCS111

Manual Integrations APPROVED
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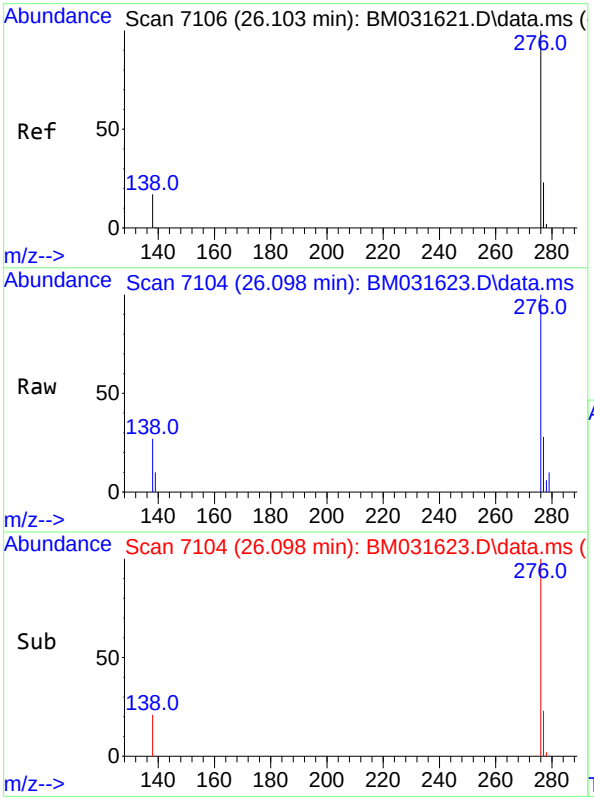

#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 26.098 min Scan# 7104
Delta R.T. 0.000 min
Lab File: BM031623.D
Acq: 10 Aug 2021 03:52

Tgt Ion:276 Resp: 6182

Ion	Ratio	Lower	Upper
276	100		
138	27.1	15.4	23.2#
277	27.6	19.9	29.9