Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031648.D
Acq On : 10 Aug 2021 19:16
Operator : CG/JU
Sample : M3169-06DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00A5DL

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8/11/2021 9:25:30 PM

Quant Time: Aug 11 05:58:05 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 : Tue Aug 10 18:36:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1570	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5805	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.208	164	3282	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5967	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.154	240	4889	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	5220	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	1176	0.674	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.930	152	420	0.043	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	798	0.049	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.388	128	7883	0.456	ng/ul	99
7) 2-Methylnaphthalene	12.007	142	7227	0.612	ng/ul	100
8) 1-Methylnaphthalene	12.227	142	5379	0.461	ng/ul	99
10) Acenaphthylene	13.932	152	4757	0.340	ng/ul	97
11) Acenaphthene	14.273	153	803	0.068	ng/ul#	92
12) Fluorene	15.266	166	1308	0.097	ng/ul#	77
15) Phenanthrene	17.002	178	35337	1.865	ng/ul	98
16) Anthracene	17.093	178	5562	0.314	ng/ul	97
19) Fluoranthene	19.024	202	47627	2.281	ng/ul	96
20) Pyrene	19.386	202	42202	1.993	ng/ul#	95
21) Benzo(a)anthracene	21.139	228	25614	1.297	ng/ul#	90
22) Chrysene	21.190	228	39578	1.938	ng/ul#	95
24) Benzo(b)fluoranthene	22.672	252	44664m	1.899	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	12811m	0.527	ng/ul	
26) Benzo(a)pyrene	23.220	252	32426	1.574	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.448	276	22480	0.844	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.451	278	13110	0.611	ng/ul#	77
29) Benzo(g,h,i)perylene	26.098	276	23396	1.030	ng/ul	96

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

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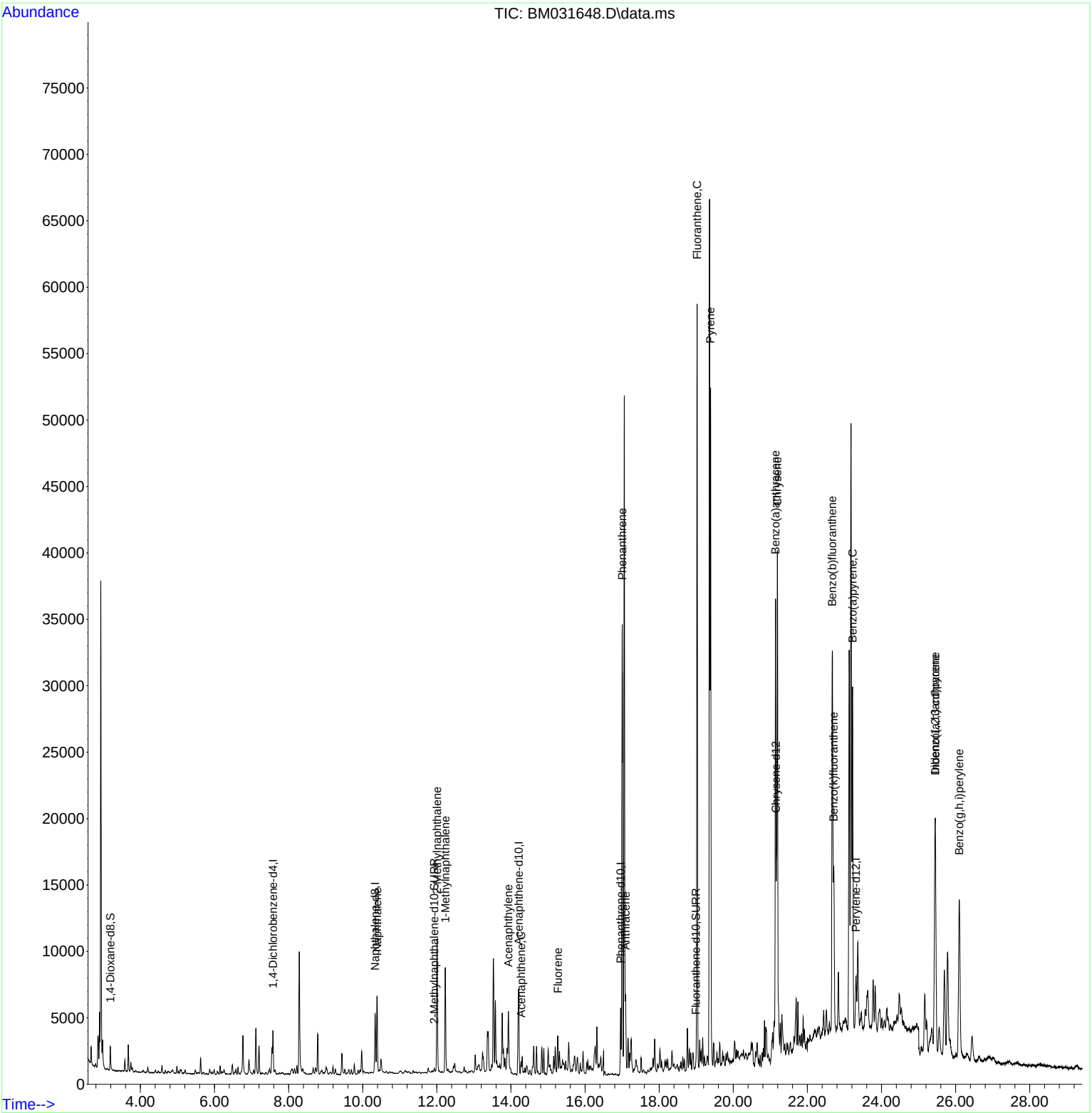
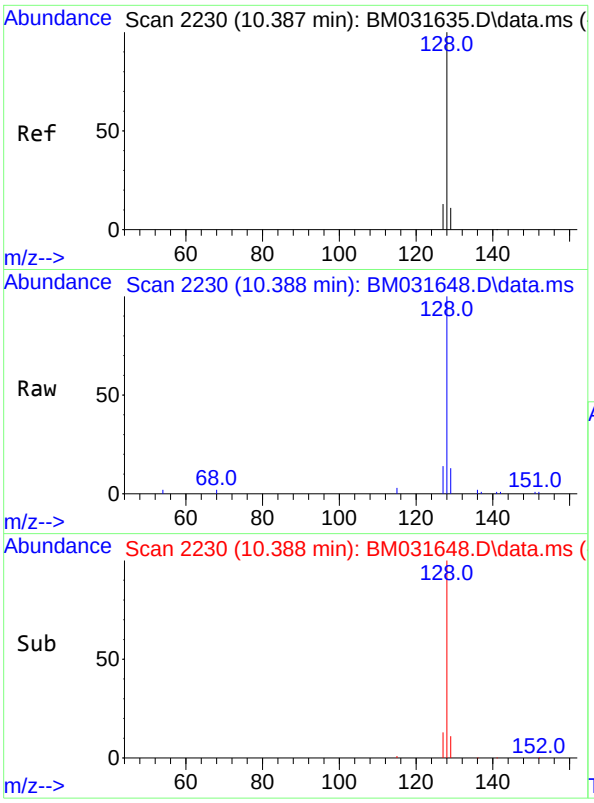
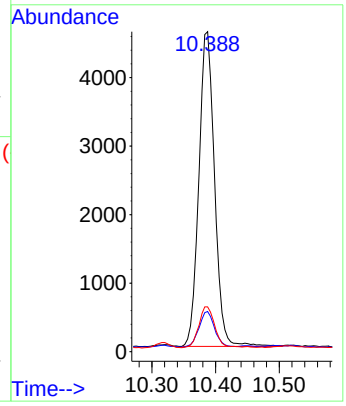




#5
Naphthalene
Concen: 0.456 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:128 Resp: 7883

Ion	Ratio	Lower	Upper
128	100		
129	12.6	10.0	15.0
127	14.0	11.6	17.4



Instrument :
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ClientSampleId :
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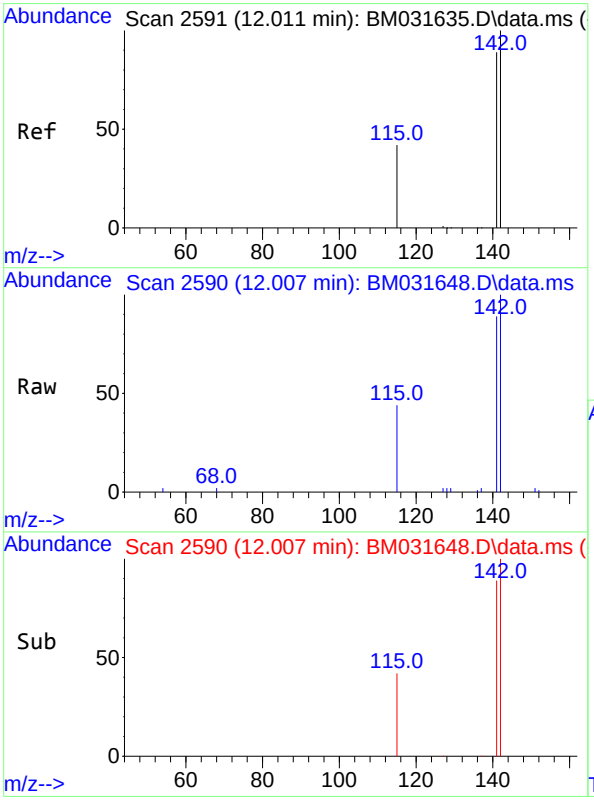
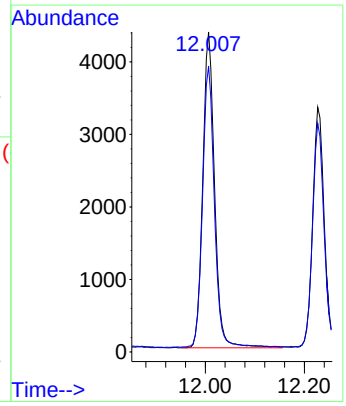
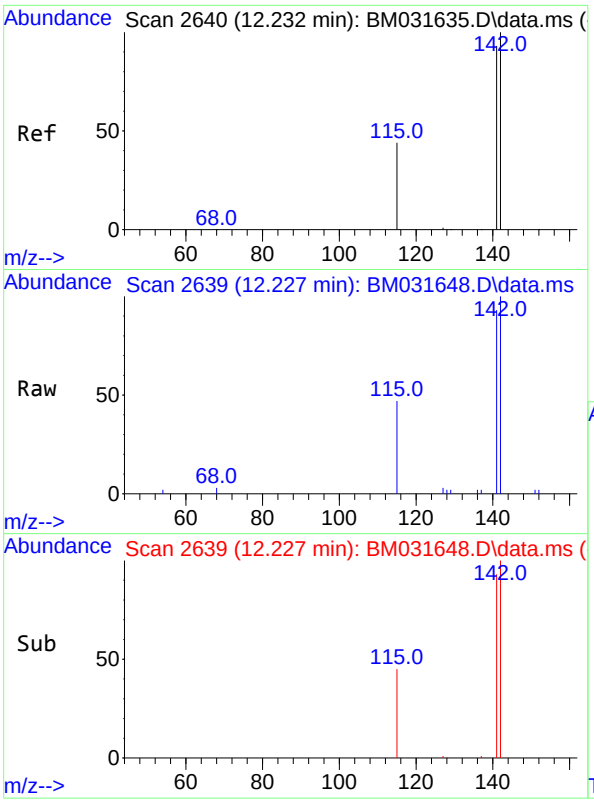


#7
2-Methylnaphthalene
Concen: 0.612 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.004 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:142 Resp: 7227

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.0

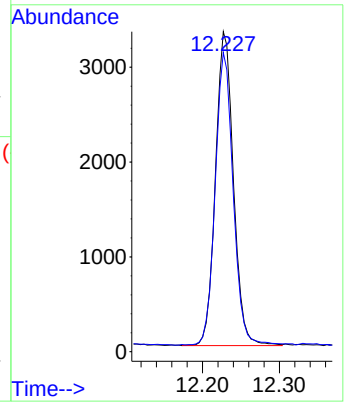




#8
1-Methylnaphthalene
Concen: 0.461 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.004 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:142 Resp: 5379

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.1	111.1



Instrument :
BNA_M
ClientSampleId :
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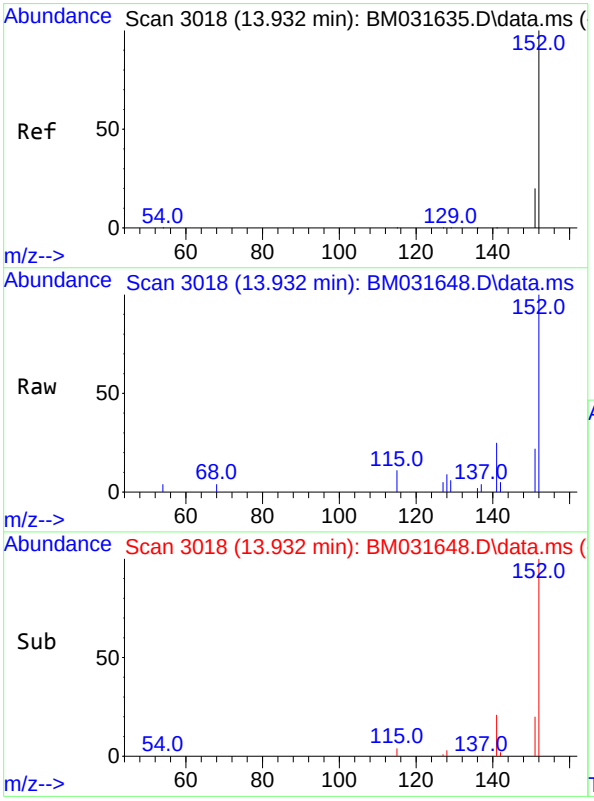
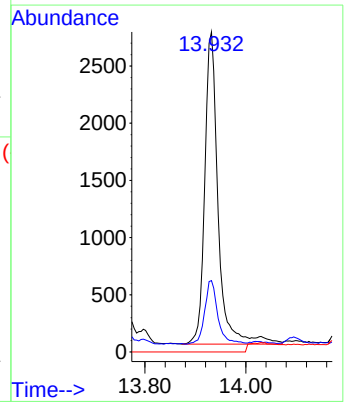
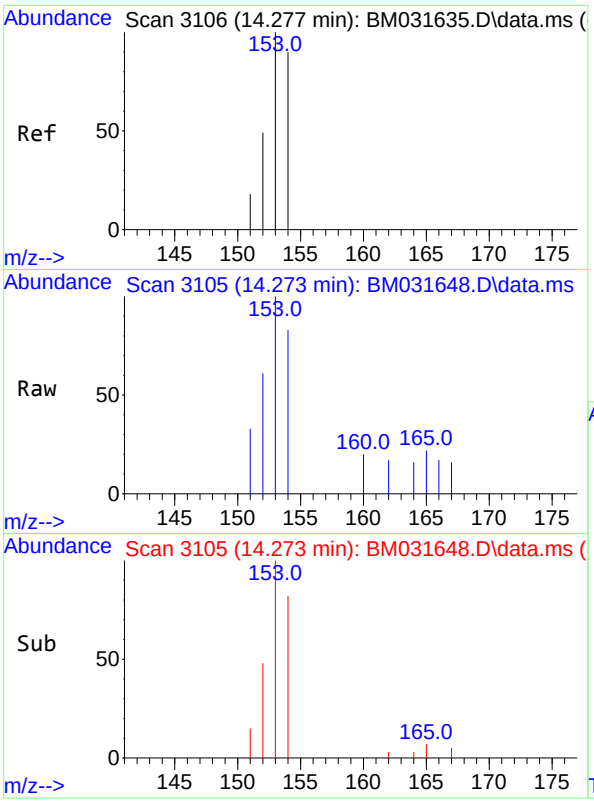


#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. 0.000 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:152 Resp: 4757

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.9	25.3
153	0.0	0.0	0.0

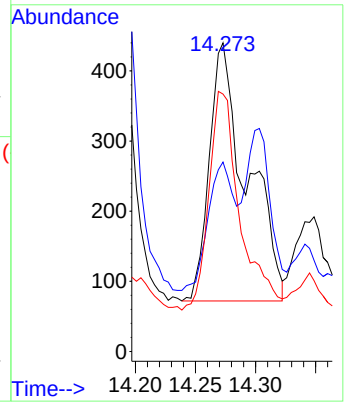


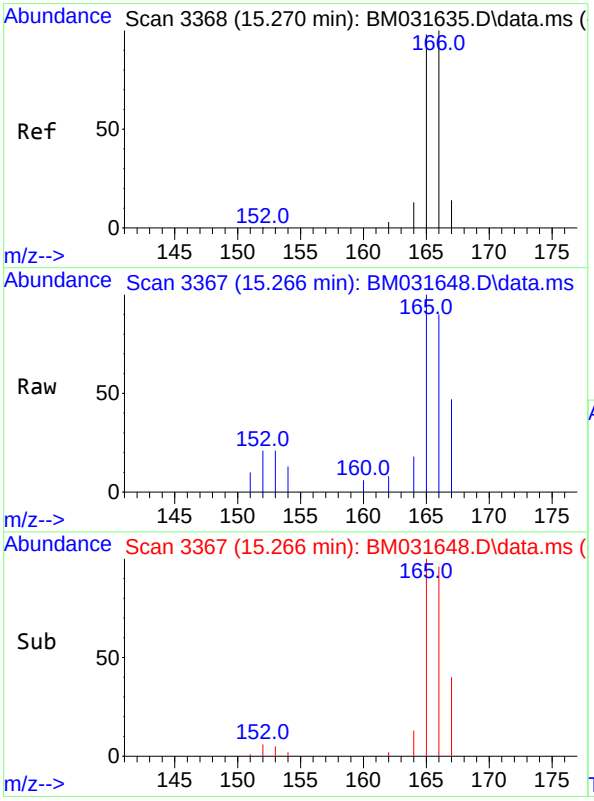


#11
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:153 Resp: 803

Ion	Ratio	Lower	Upper
153	100		
152	61.4	40.7	61.1#
154	83.4	70.2	105.2

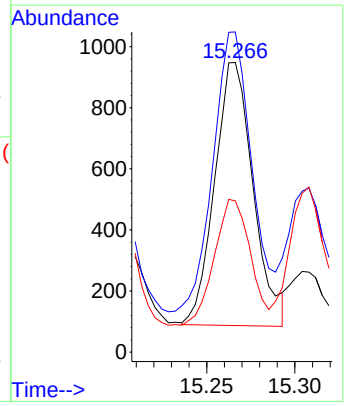




#12
Fluorene
Concen: 0.097 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:166 Resp: 1308

Ion	Ratio	Lower	Upper
166	100		
165	110.5	78.0	117.0
167	52.2	12.0	18.0#



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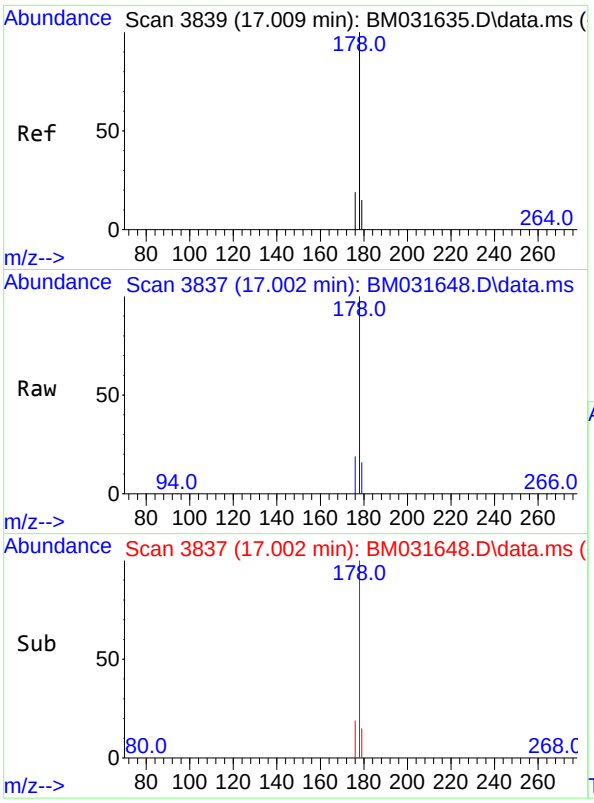
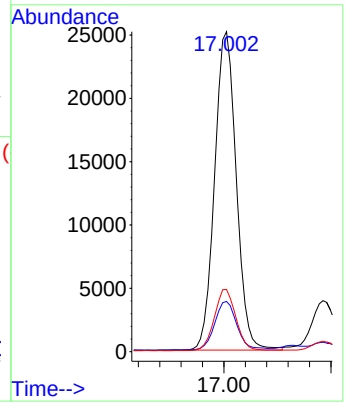
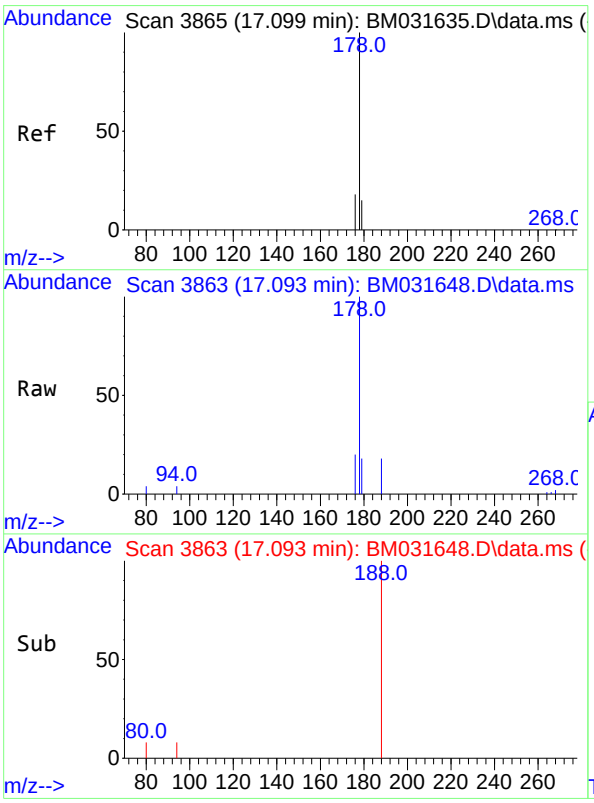


#15
Phenanthrene
Concen: 1.865 ng/ul
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:178 Resp: 35337

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.3	19.9
176	19.5	16.2	24.4

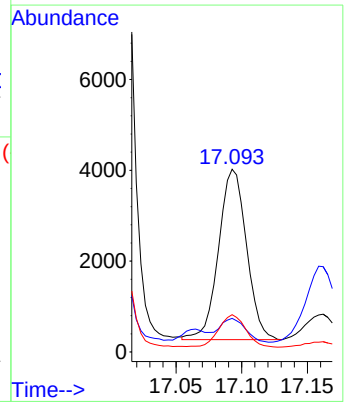




#16
Anthracene
Concen: 0.314 ng/ul
RT: 17.093 min Scan# 3863
Delta R.T. -0.007 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:178 Resp: 5562

Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.0	19.6
176	20.4	15.6	23.4



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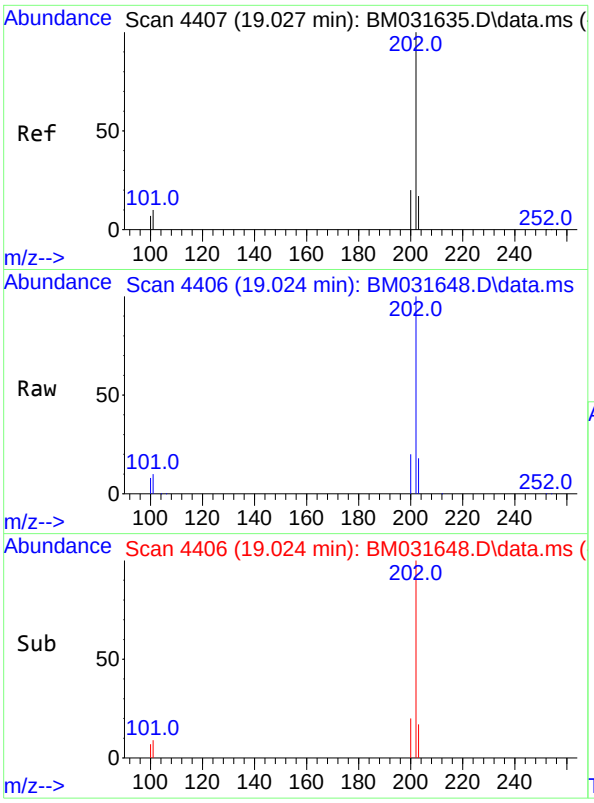
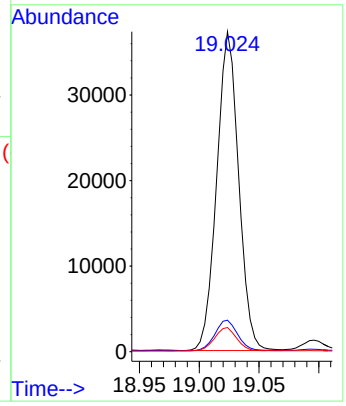
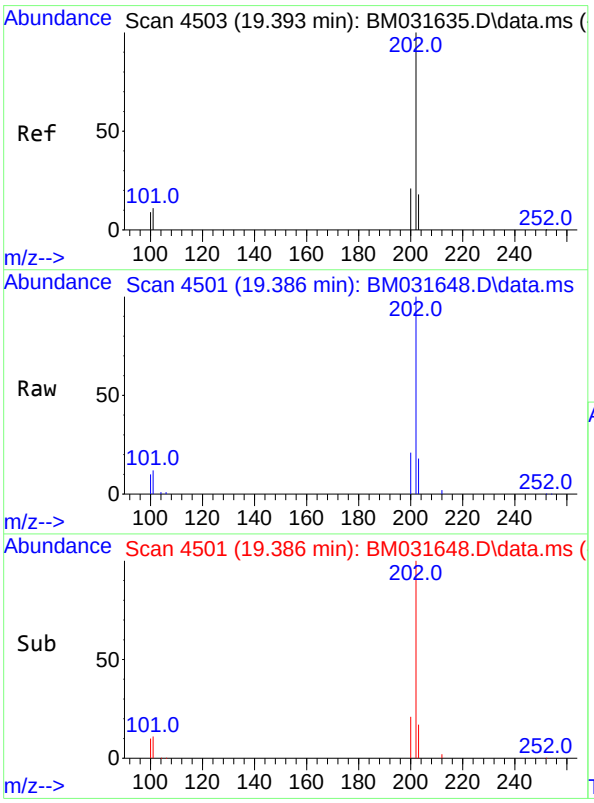


#19
Fluoranthene
Concen: 2.281 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:202 Resp: 47627

Ion	Ratio	Lower	Upper
202	100		
101	9.9	6.6	10.0
100	7.5	5.4	8.0

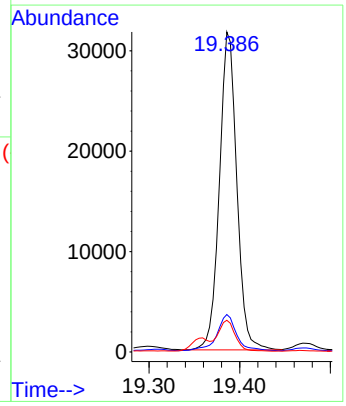




#20
Pyrene
Concen: 1.993 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.008 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:202 Resp: 42202

Ion	Ratio	Lower	Upper
202	100		
101	11.7	7.8	11.6#
100	9.9	6.6	10.0



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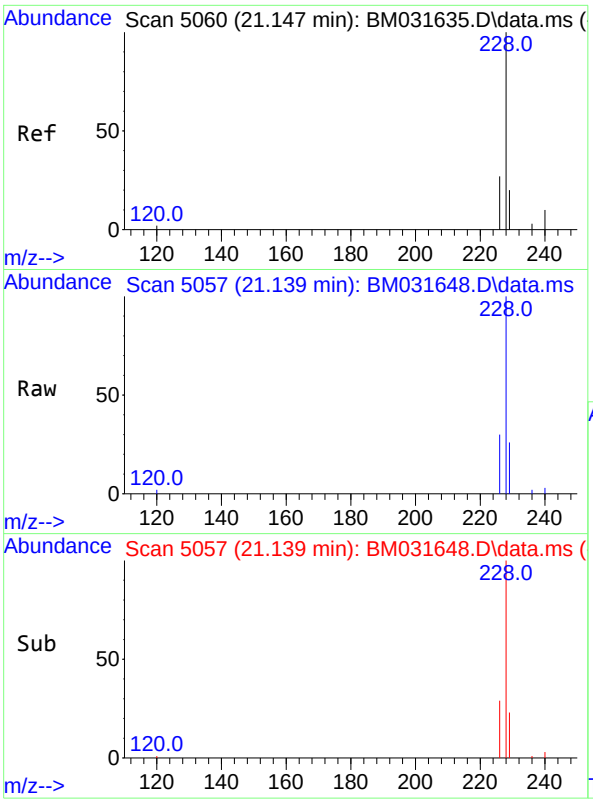
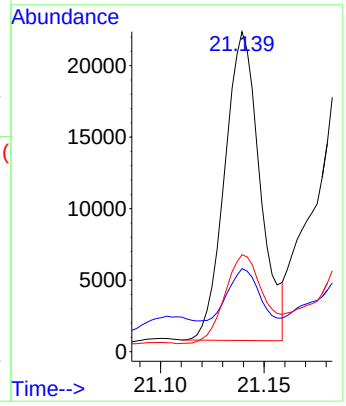


#21
Benzo(a)anthracene
Concen: 1.297 ng/ul
RT: 21.139 min Scan# 5057
Delta R.T. -0.007 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:228 Resp: 25614

Ion	Ratio	Lower	Upper
228	100		
229	26.0	15.6	23.4#
226	30.3	21.7	32.5



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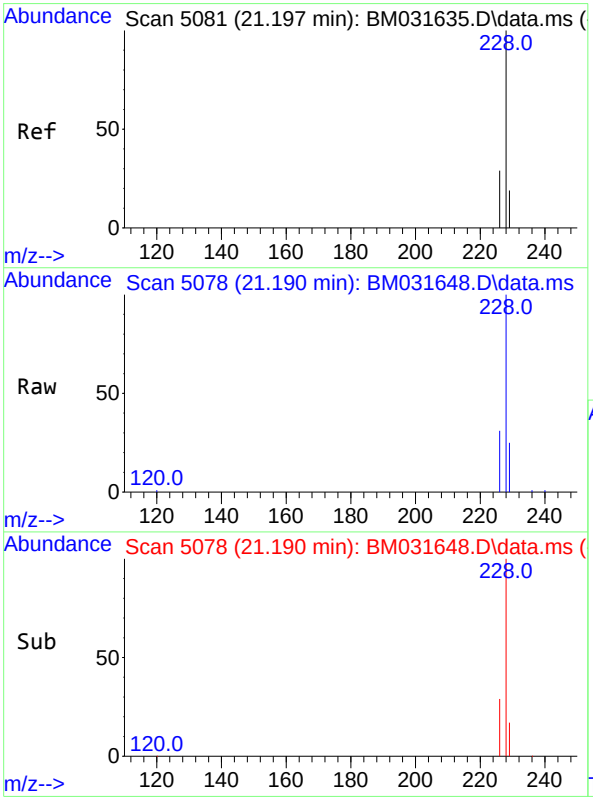
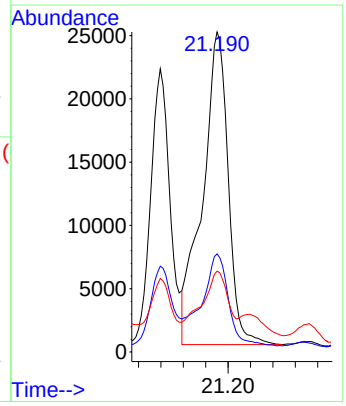
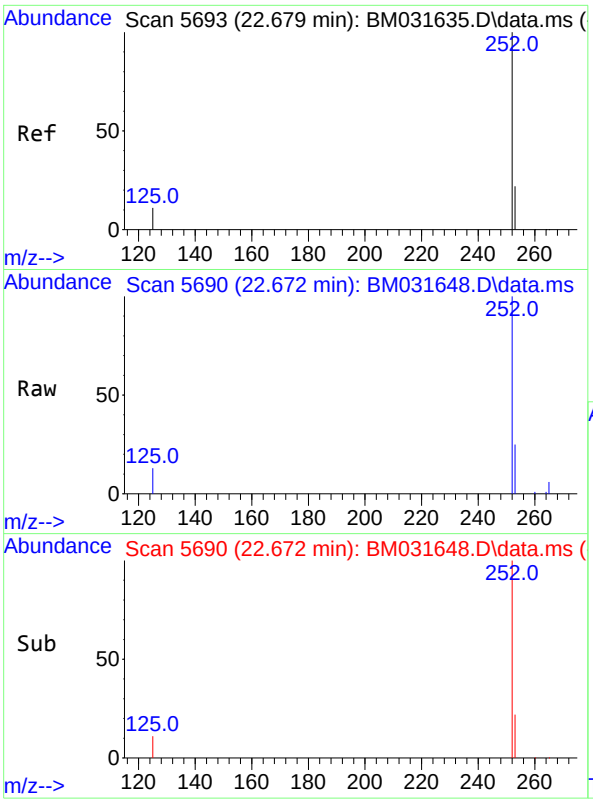


#22
Chrysene
Concen: 1.938 ng/ul
RT: 21.190 min Scan# 5078
Delta R.T. -0.007 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:228 Resp: 39578

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	25.3	16.2	24.2#

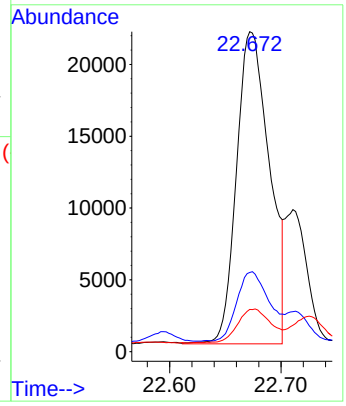


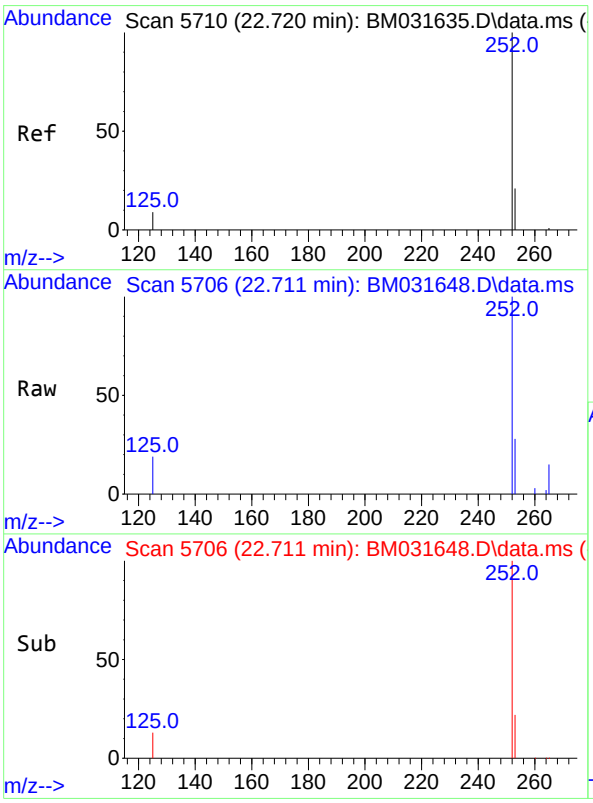


#24
Benzo(b)fluoranthene
Concen: 1.899 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.007 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:252 Resp: 44664

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	53.0
125	13.2	0.0	22.8

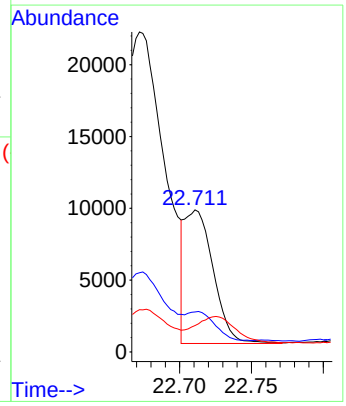




#25
Benzo(k)fluoranthene
Concen: 0.527 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.010 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:252 Resp: 12811

Ion	Ratio	Lower	Upper
252	100		
253	28.1	21.3	31.9
125	18.6	8.8	13.2#



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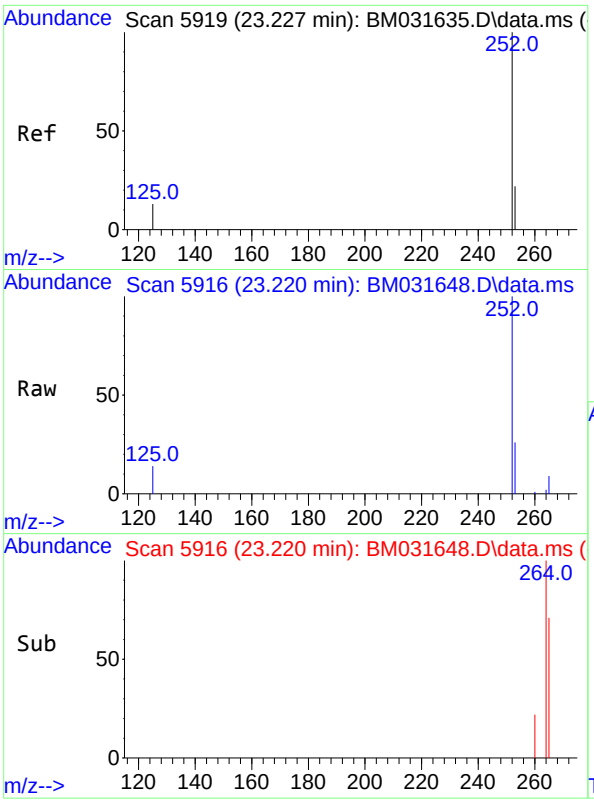
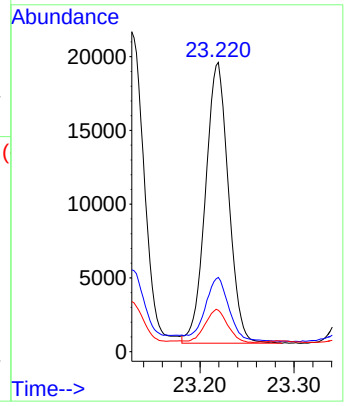
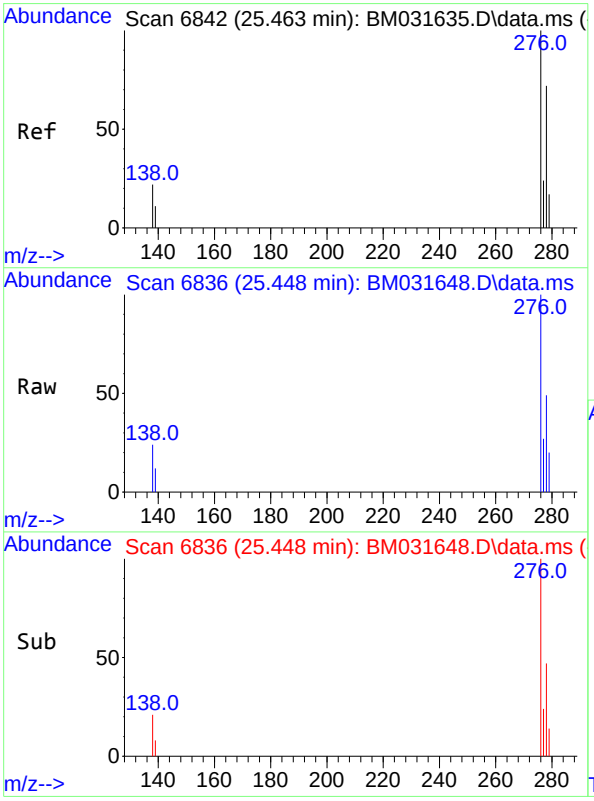


#26
Benzo(a)pyrene
Concen: 1.574 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.007 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:252 Resp: 32426

Ion	Ratio	Lower	Upper
252	100		
253	25.6	22.4	33.6
125	14.3	13.0	19.4

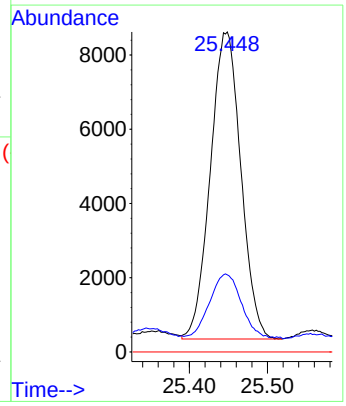




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.844 ng/ul
RT: 25.448 min Scan# 6836
Delta R.T. -0.014 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:276 Resp: 22480

Ion	Ratio	Lower	Upper
276	100		
138	21.3	15.8	23.8
227	0.0	0.0	0.0



Instrument :
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ClientSampleId :
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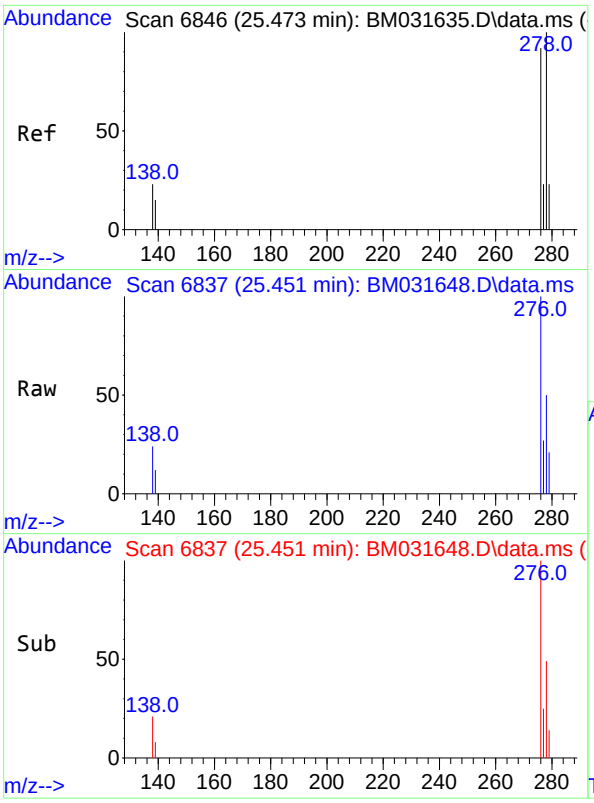
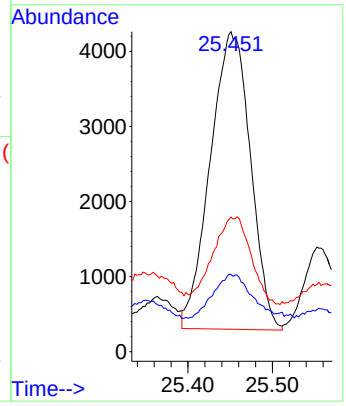
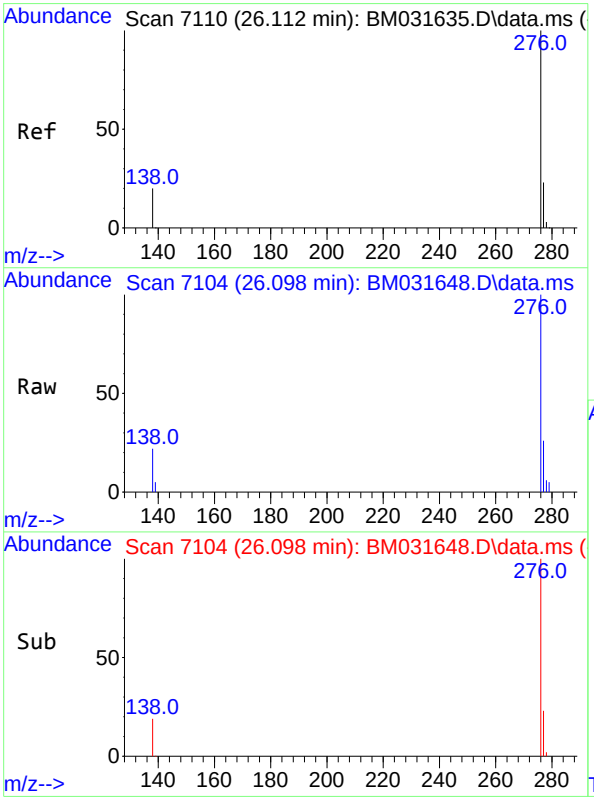


#28
Dibenzo(a,h)anthracene
Concen: 0.611 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.022 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:278 Resp: 13110

Ion	Ratio	Lower	Upper
278	100		
139	24.1	13.3	19.9#
279	42.0	22.8	34.2#

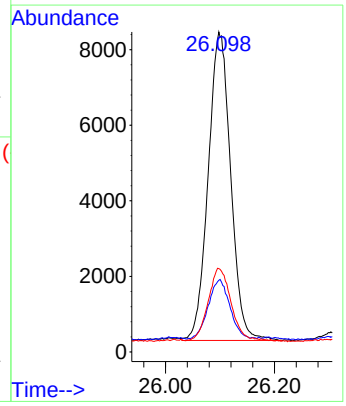




#29
Benzo(g,h,i)perylene
Concen: 1.030 ng/ul
RT: 26.098 min Scan# 7104
Delta R.T. -0.014 min
Lab File: BM031648.D
Acq: 10 Aug 2021 19:16

Tgt Ion:276 Resp: 23396

Ion	Ratio	Lower	Upper
276	100		
138	22.4	15.4	23.2
277	26.1	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
C00A5DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:30 PM