Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031639.D
Acq On : 10 Aug 2021 13:40
Operator : CG/JU
Sample : M3169-14DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00B3DL

Manual Integrations APPROVED
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Quant Time: Aug 10 14:11:07 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 11:49:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	1295	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	4748	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.212	164	2607	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	4957	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.158	240	4143	0.400	ng/ul	# 0.00
23) Perylene-d12	23.318	264	4064	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	821	0.571	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	332	0.041	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	725	0.052	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.388	128	2113	0.149	ng/ul#	94
7) 2-Methylnaphthalene	12.011	142	1184	0.123	ng/ul	100
8) 1-Methylnaphthalene	12.232	142	670	0.070	ng/ul	96
10) Acenaphthylene	13.932	152	2358	0.212	ng/ul	97
11) Acenaphthene	14.273	153	488	0.052	ng/ul	93
12) Fluorene	15.270	166	865	0.080	ng/ul#	95
15) Phenanthrene	17.002	178	16388	1.041	ng/ul	98
16) Anthracene	17.096	178	3662	0.248	ng/ul	98
19) Fluoranthene	19.024	202	38477	2.175	ng/ul	96
20) Pyrene	19.390	202	31786	1.771	ng/ul	97
21) Benzo(a)anthracene	21.141	228	17491	1.046	ng/ul	97
22) Chrysene	21.194	228	18882	1.091	ng/ul	97
24) Benzo(b)fluoranthene	22.676	252	26072m	1.424	ng/ul	
25) Benzo(k)fluoranthene	22.715	252	9166m	0.485	ng/ul	
26) Benzo(a)pyrene	23.223	252	15750	0.982	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.452	276	11427	0.551	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.457	278	2928	0.175	ng/ul#	67
29) Benzo(g,h,i)perylene	26.102	276	2584	0.146	ng/ul#	76

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

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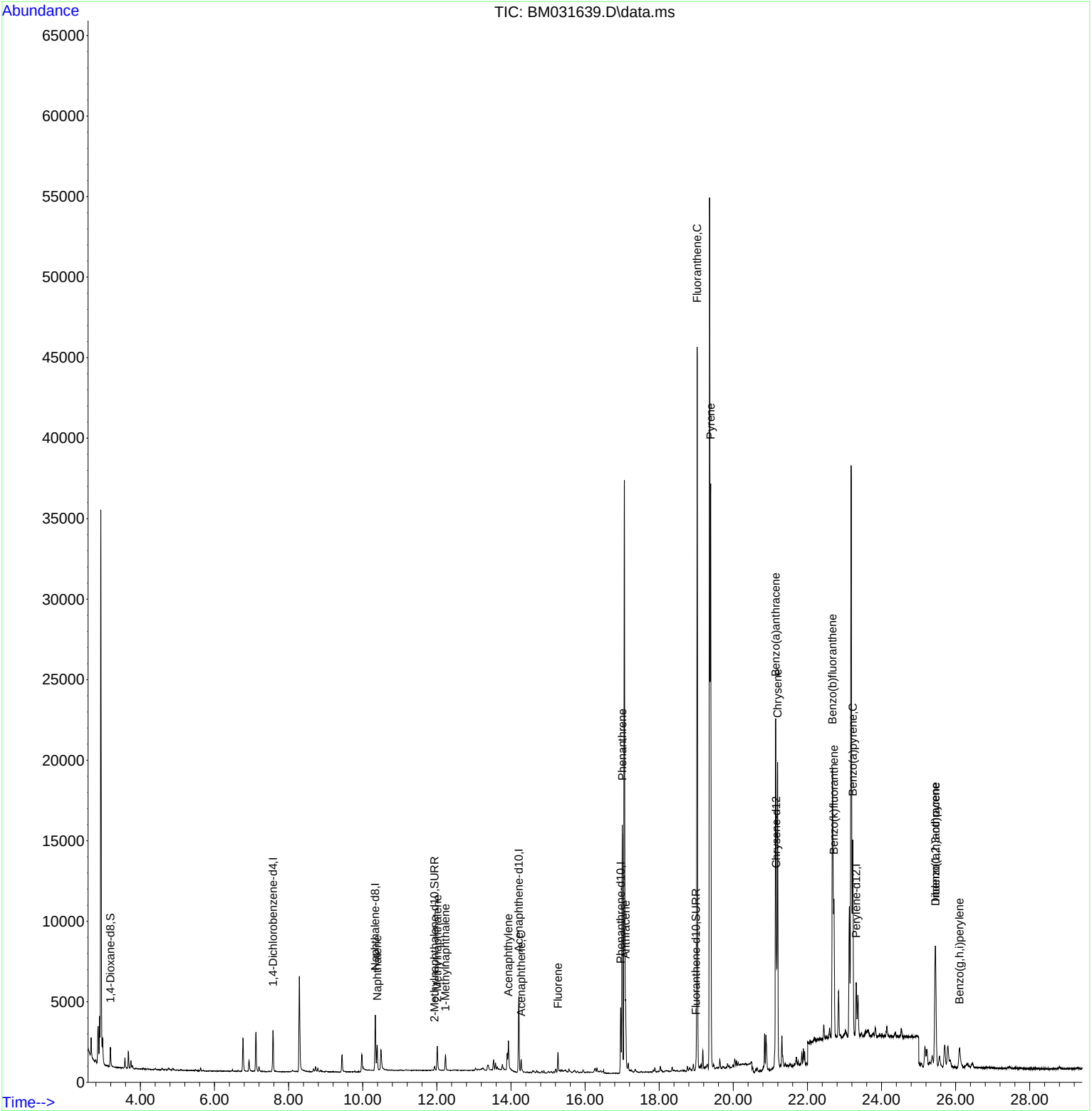
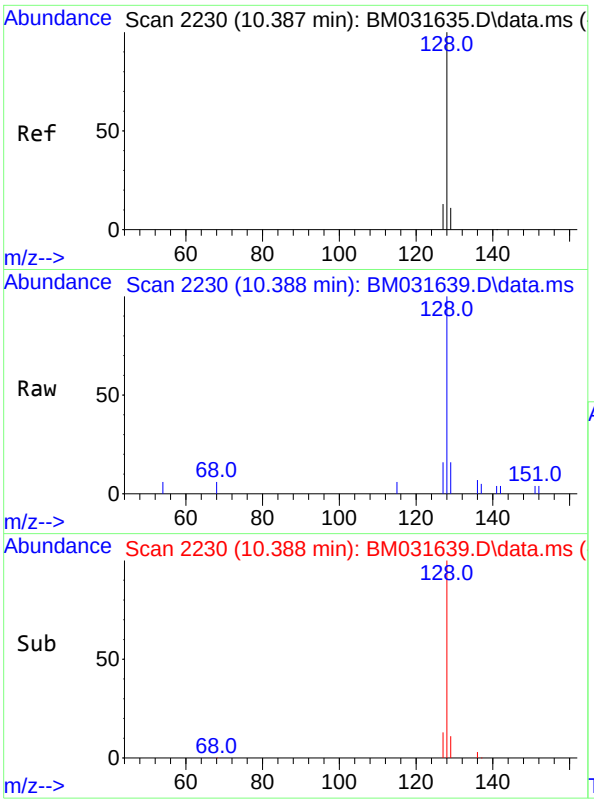
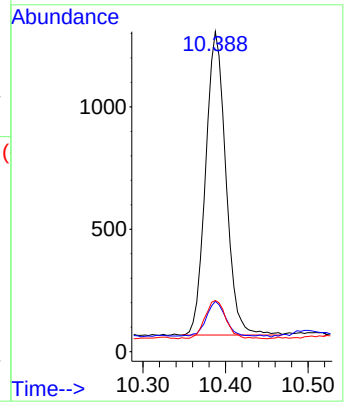




#5
Naphthalene
Concen: 0.149 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:128 Resp: 2113

Ion	Ratio	Lower	Upper
128	100		
129	15.8	10.0	15.0#
127	16.0	11.6	17.4



Instrument :
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ClientSampleId :
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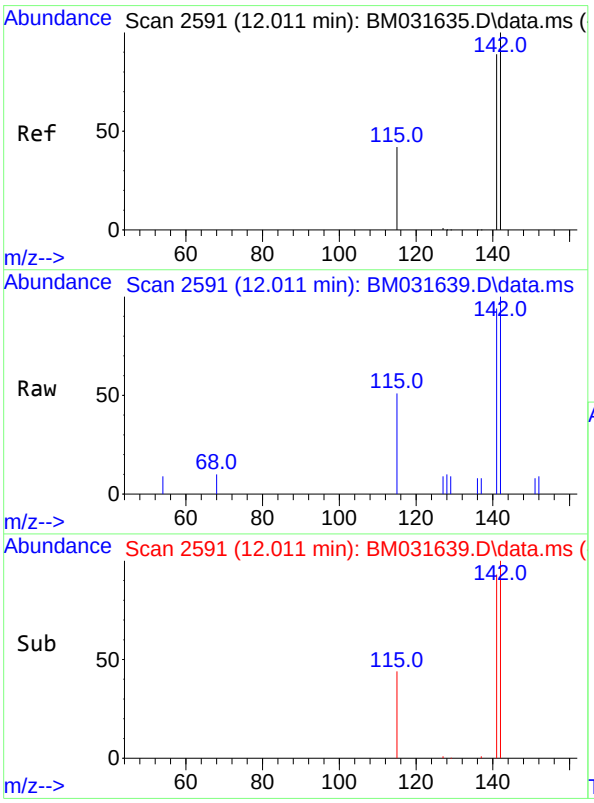
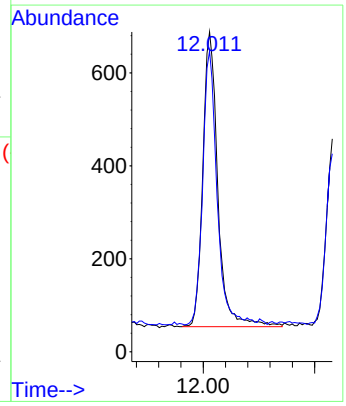
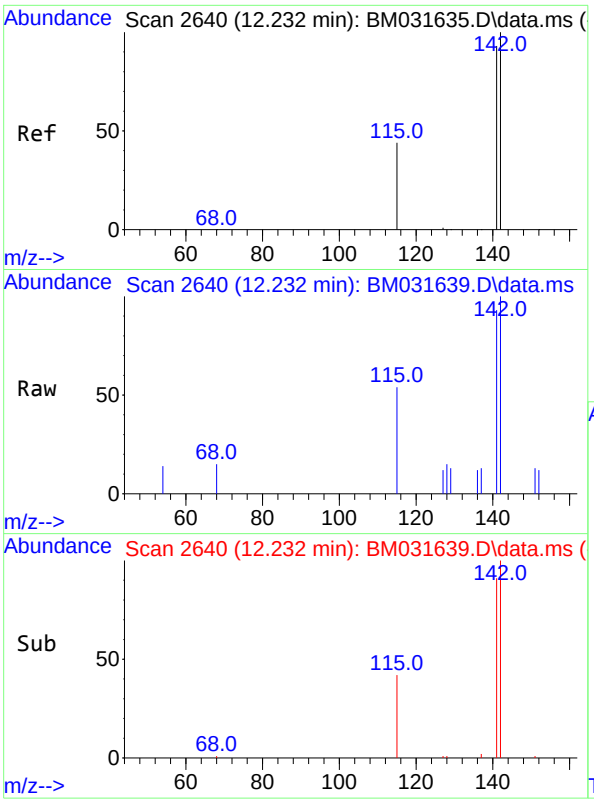


#7
2-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 12.011 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:142 Resp: 1184

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.0

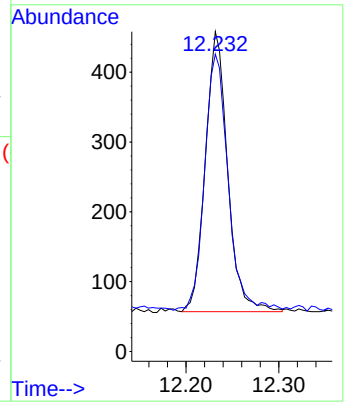




#8
1-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.232 min Scan# 2640
Delta R.T. 0.000 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:142 Resp: 670

Ion	Ratio	Lower	Upper
142	100		
141	96.1	74.1	111.1



Instrument :
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ClientSampleId :
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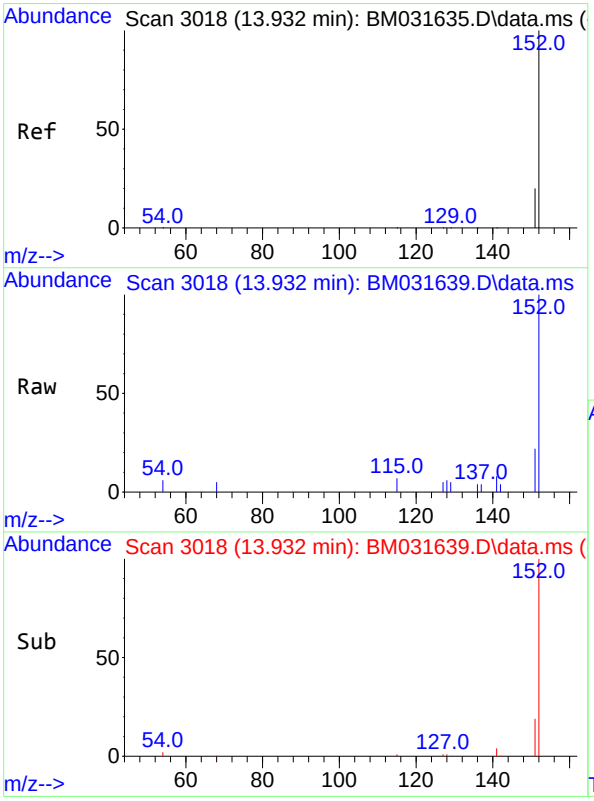
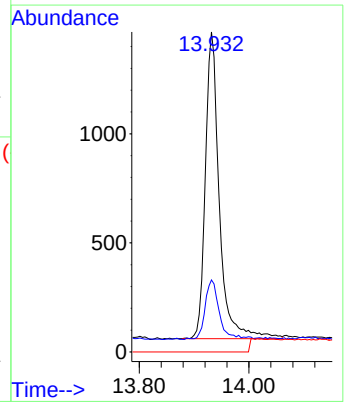
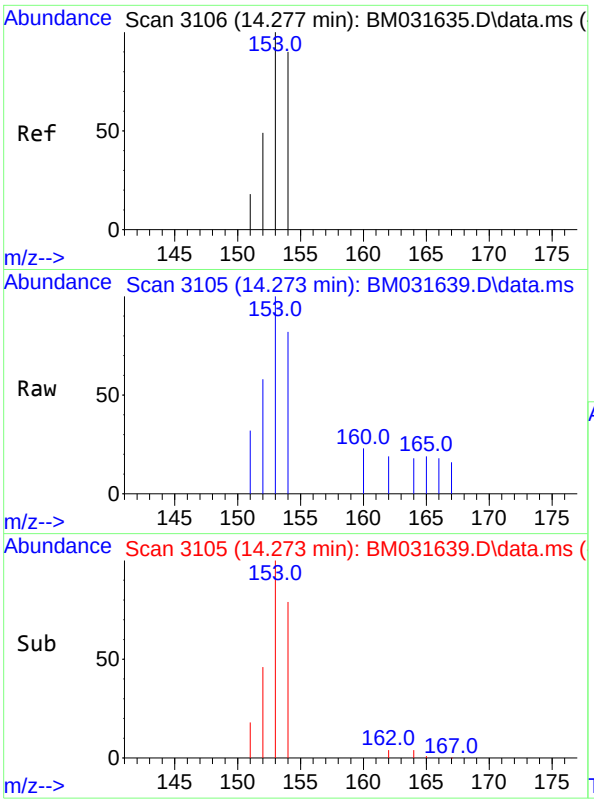


#10
Acenaphthylene
Concen: 0.212 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. 0.000 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:152 Resp: 2358

Ion	Ratio	Lower	Upper
152	100		
151	22.5	16.9	25.3
153	0.0	0.0	0.0

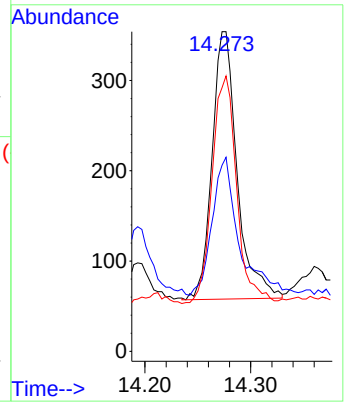




#11
Acenaphthene
Concen: 0.052 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:153 Resp: 488

Ion	Ratio	Lower	Upper
153	100		
152	58.2	40.7	61.1
154	82.5	70.2	105.2



Instrument :
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ClientSampleId :
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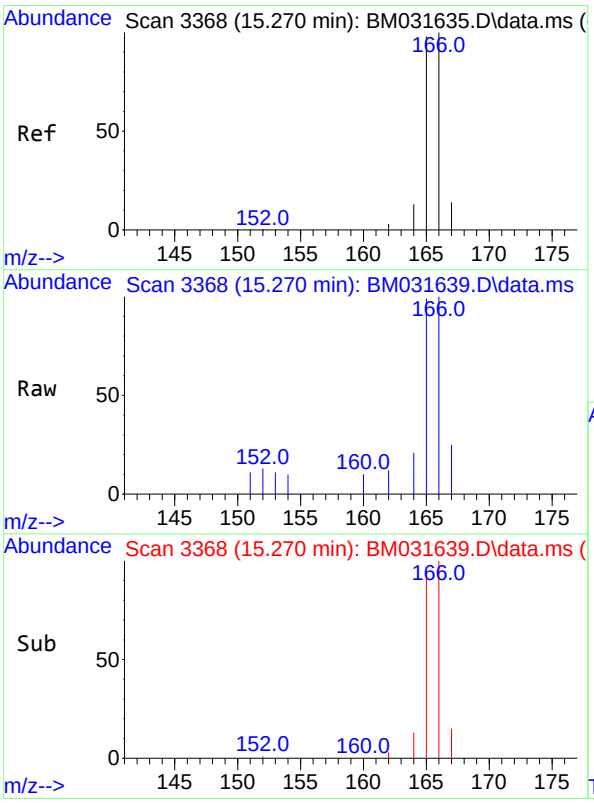
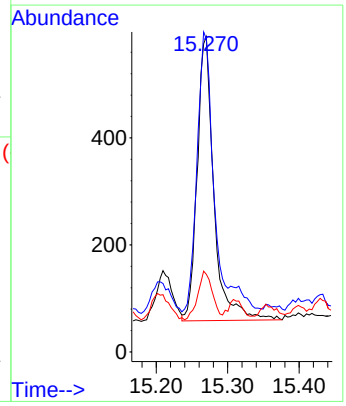
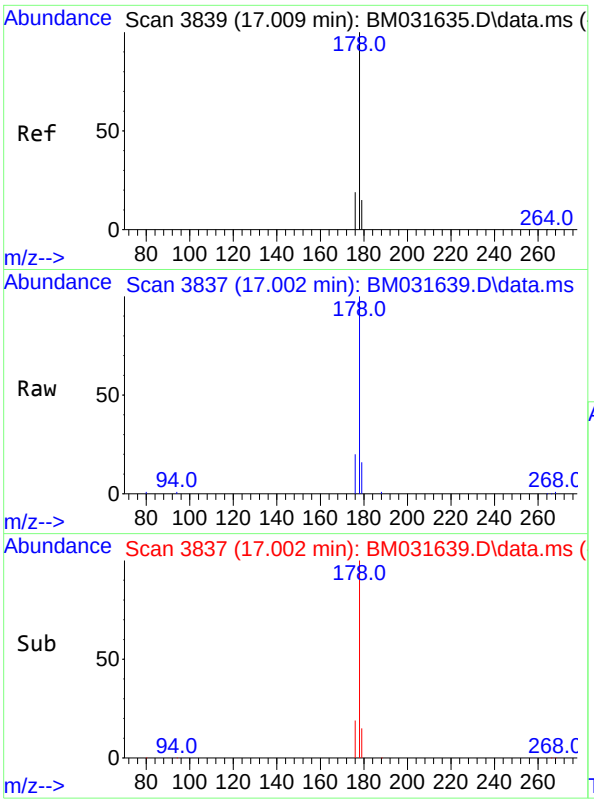


#12
Fluorene
Concen: 0.080 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. 0.000 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:166 Resp: 865

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.0	117.0
167	24.6	12.0	18.0#

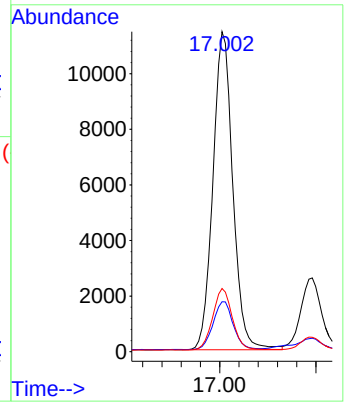


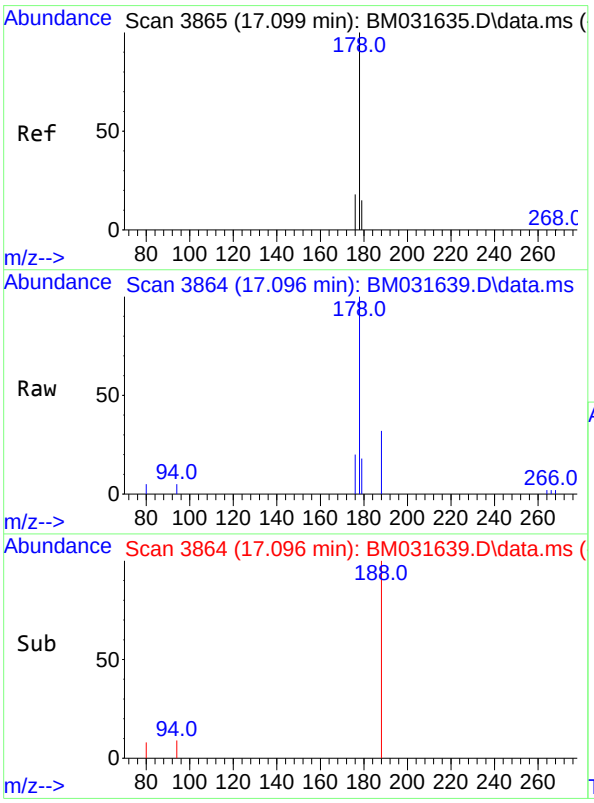


#15
Phenanthrene
Concen: 1.041 ng/ul
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:178 Resp: 16388

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.3	19.9
176	19.8	16.2	24.4

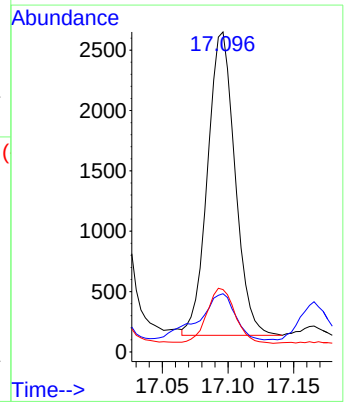




#16
Anthracene
Concen: 0.248 ng/ul
RT: 17.096 min Scan# 3864
Delta R.T. -0.003 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:178 Resp: 3662

Ion	Ratio	Lower	Upper
178	100		
179	18.2	13.0	19.6
176	19.5	15.6	23.4



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ClientSampleId :
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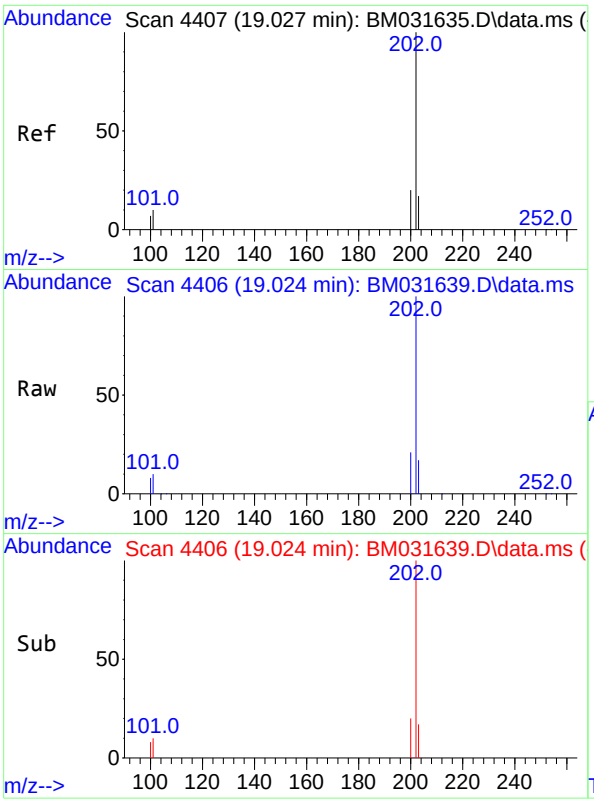
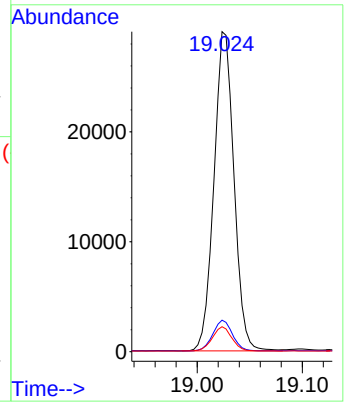
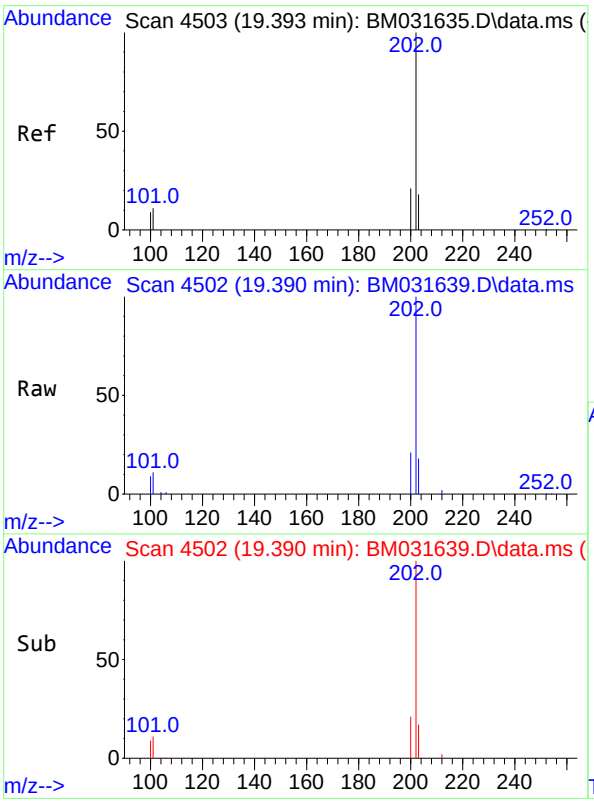


#19
Fluoranthene
Concen: 2.175 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:202 Resp: 38477

Ion	Ratio	Lower	Upper
202	100		
101	9.9	6.6	10.0
100	7.8	5.4	8.0

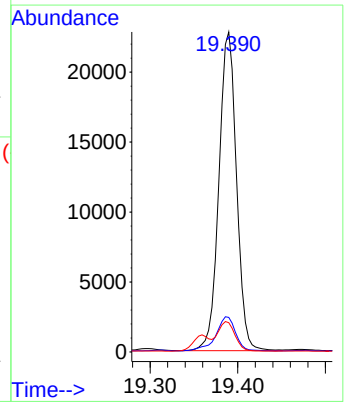




#20
Pyrene
Concen: 1.771 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:202 Resp: 31786

Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.8	11.6
100	9.1	6.6	10.0



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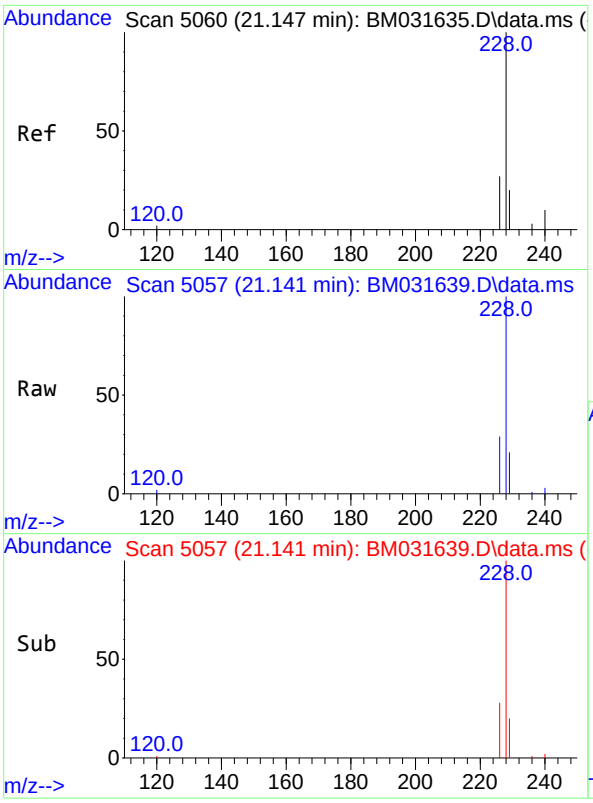
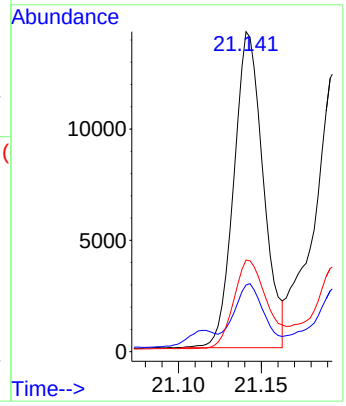


#21
Benzo(a)anthracene
Concen: 1.046 ng/ul
RT: 21.141 min Scan# 5057
Delta R.T. -0.006 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:228 Resp: 17491

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	28.7	21.7	32.5



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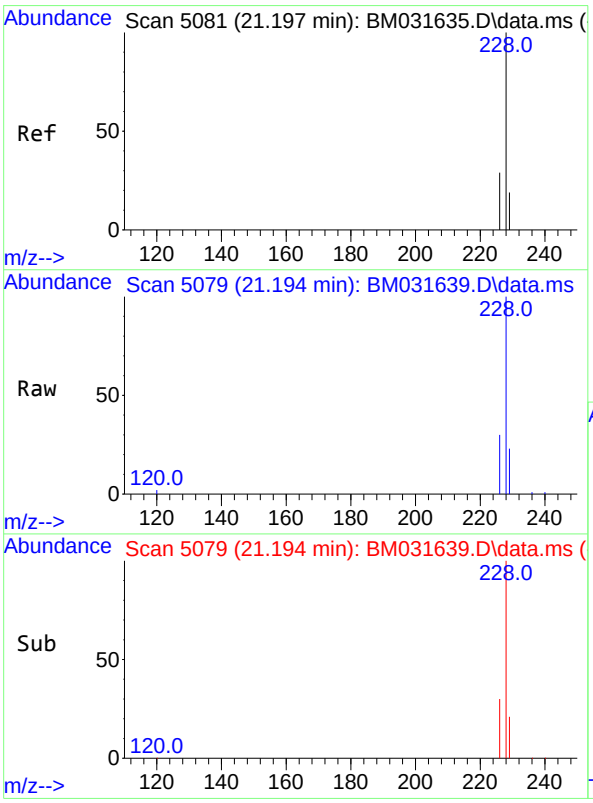
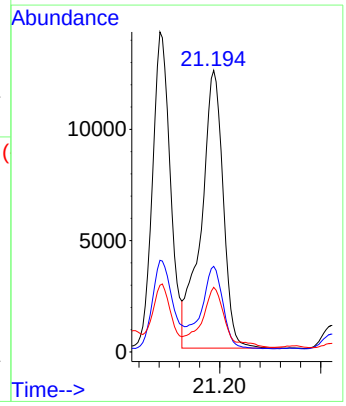
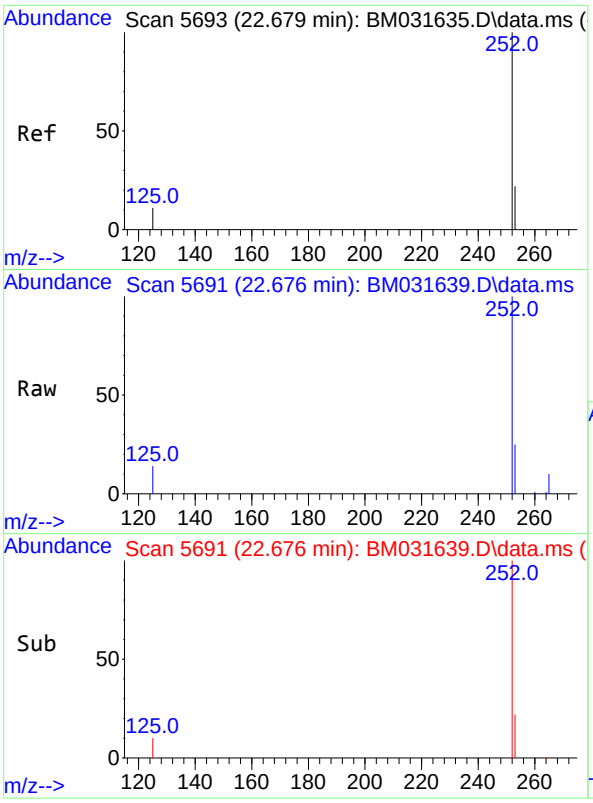


#22
Chrysene
Concen: 1.091 ng/ul
RT: 21.194 min Scan# 5079
Delta R.T. -0.003 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:228 Resp: 18882

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	23.0	16.2	24.2

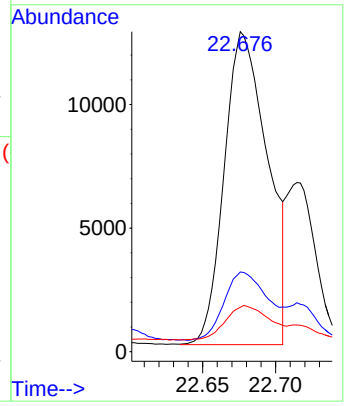




#24
Benzo(b)fluoranthene
Concen: 1.424 ng/ul m
RT: 22.676 min Scan# 5691
Delta R.T. -0.003 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:252 Resp: 26072

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	53.0
125	13.8	0.0	22.8



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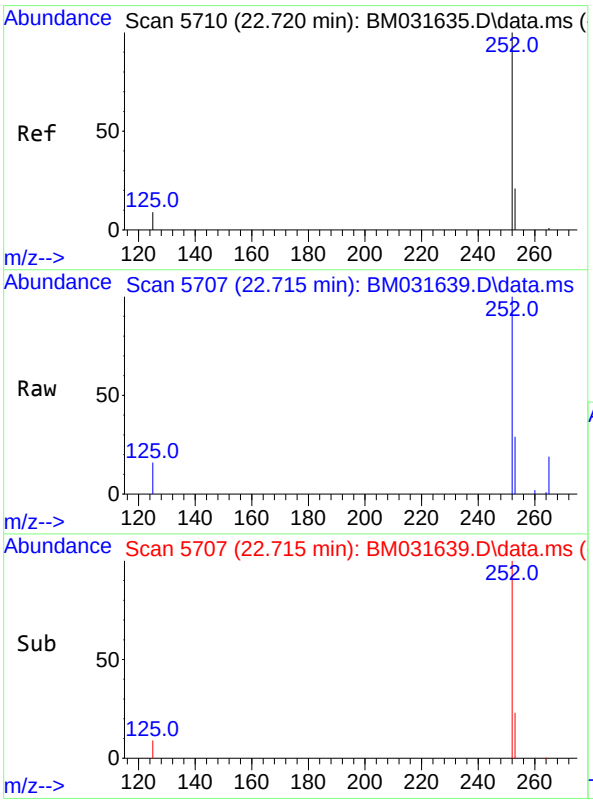
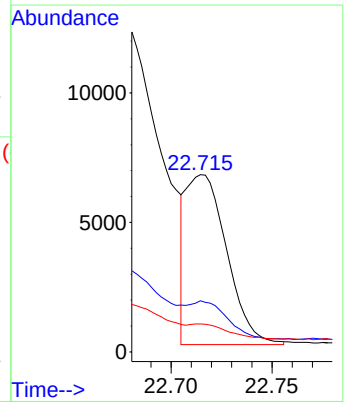
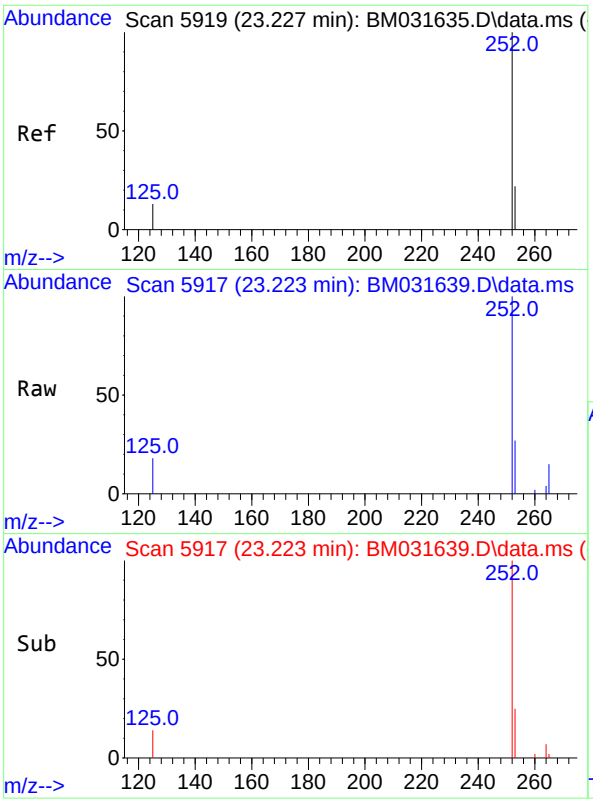


#25
Benzo(k)fluoranthene
Concen: 0.485 ng/ul m
RT: 22.715 min Scan# 5707
Delta R.T. -0.006 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:252 Resp: 9166

Ion	Ratio	Lower	Upper
252	100		
253	28.9	21.3	31.9
125	15.8	8.8	13.2#

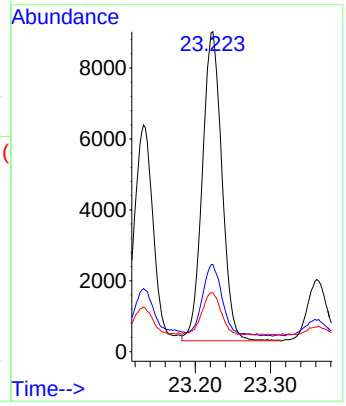


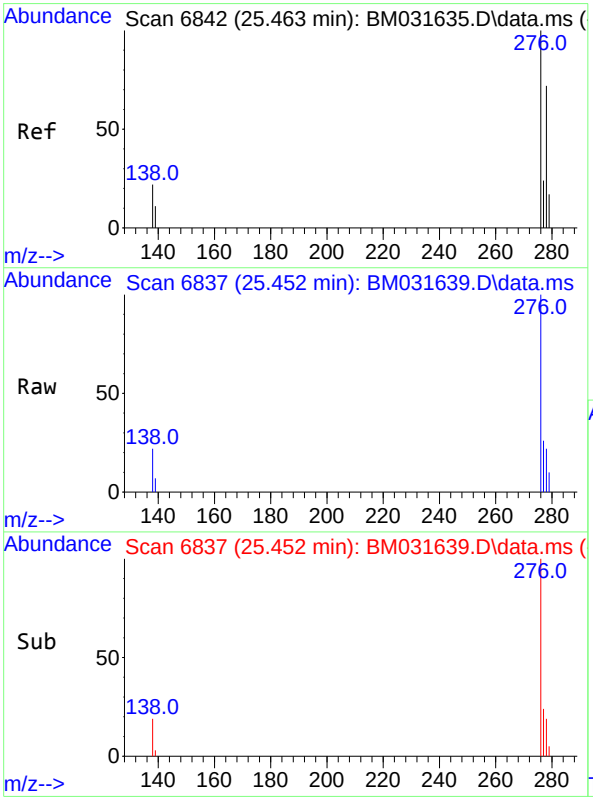


#26
Benzo(a)pyrene
Concen: 0.982 ng/ul
RT: 23.223 min Scan# 5917
Delta R.T. -0.003 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:252 Resp: 15750

Ion	Ratio	Lower	Upper
252	100		
253	27.3	22.4	33.6
125	18.4	13.0	19.4

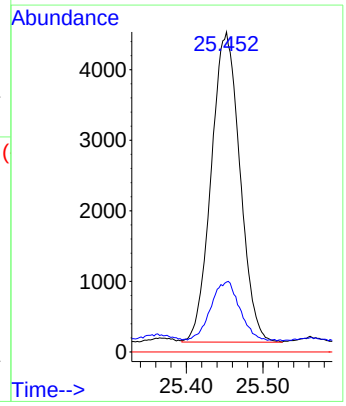




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.551 ng/ul
RT: 25.452 min Scan# 6837
Delta R.T. -0.011 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:276 Resp: 11427

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.8	23.8
227	0.0	0.0	0.0



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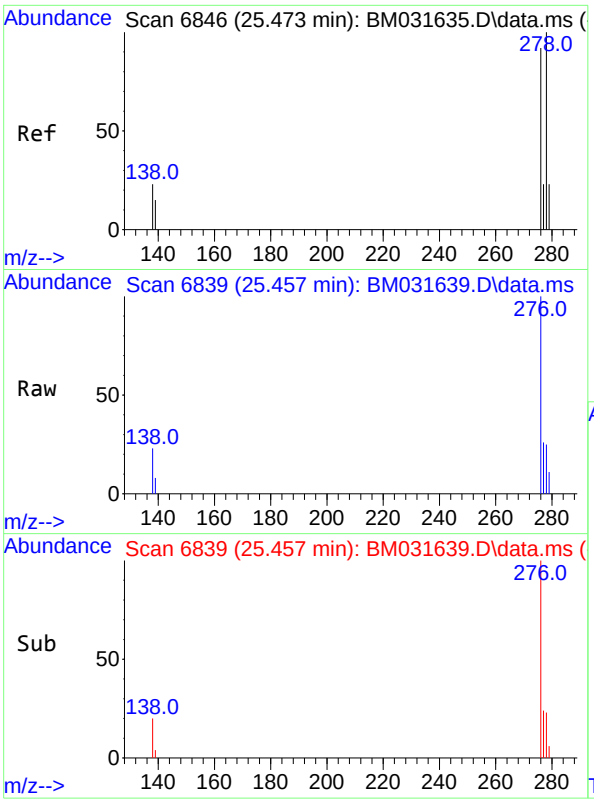
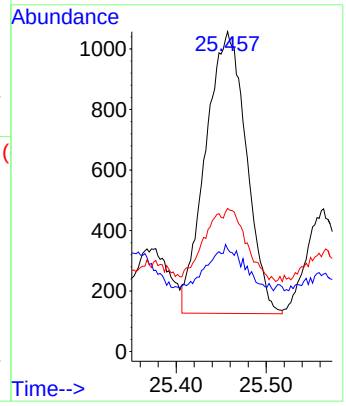


#28
Dibenzo(a,h)anthracene
Concen: 0.175 ng/ul
RT: 25.457 min Scan# 6839
Delta R.T. -0.015 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

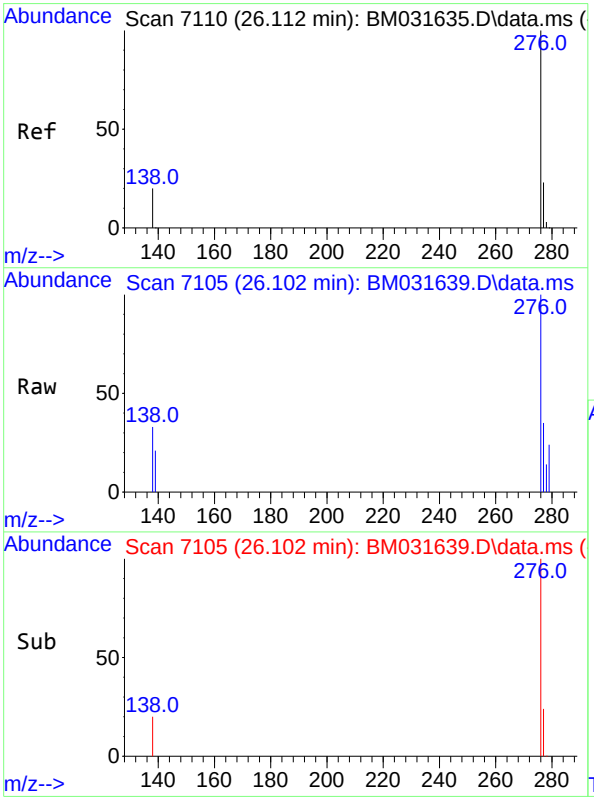
Tgt Ion:278 Resp: 2928

Ion	Ratio	Lower	Upper
278	100		
139	32.1	13.3	19.9#
279	44.7	22.8	34.2#



Instrument :
BNA_M
ClientSampleId :
C00B3DL

Manual Integrations APPROVED
mohammad
8/10/2021 4:37:18 PM



#29
Benzo(g,h,i)perylene
Concen: 0.146 ng/ul
RT: 26.102 min Scan# 7105
Delta R.T. -0.011 min
Lab File: BM031639.D
Acq: 10 Aug 2021 13:40

Tgt Ion:276 Resp: 2584

Ion	Ratio	Lower	Upper
276	100		
138	32.7	15.4	23.2#
277	34.6	19.9	29.9#