Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031651.D
Acq On : 10 Aug 2021 21:08
Operator : CG/JU
Sample : M3169-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00B0DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:52 PM

Quant Time: Aug 11 05:58:27 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	7.576	152	1538	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5750	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.212	164	3213	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	6105	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.154	240	4977	0.400	ng/ul	# 0.00
23) Perylene-d12	23.312	264	4979	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	648	0.379	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	223	0.023	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	483	0.029	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.388	128	2650	0.155	ng/ul	95
7) 2-Methylnaphthalene	12.011	142	1966	0.168	ng/ul	97
8) 1-Methylnaphthalene	12.232	142	1110	0.096	ng/ul	97
10) Acenaphthylene	13.932	152	4306	0.315	ng/ul	99
11) Acenaphthene	14.273	153	617	0.054	ng/ul#	94
12) Fluorene	15.266	166	1472	0.111	ng/ul#	92
15) Phenanthrene	17.002	178	26619	1.373	ng/ul	98
16) Anthracene	17.093	178	6917	0.381	ng/ul	100
19) Fluoranthene	19.024	202	54358	2.558	ng/ul	97
20) Pyrene	19.386	202	45384	2.105	ng/ul	96
21) Benzo(a)anthracene	21.139	228	22698	1.129	ng/ul	95
22) Chrysene	21.190	228	22416	1.078	ng/ul	97
24) Benzo(b)fluoranthene	22.670	252	29997m	1.337	ng/ul	
25) Benzo(k)fluoranthene	22.708	252	11811m	0.510	ng/ul	
26) Benzo(a)pyrene	23.217	252	20440	1.040	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.441	276	14948	0.589	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.456	278	3611	0.176	ng/ul#	66
29) Benzo(g,h,i)perylene	26.098	276	5248	0.242	ng/ul#	86

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
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Acq On : 10 Aug 2021 21:08
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Misc :
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Manual Integrations APPROVED
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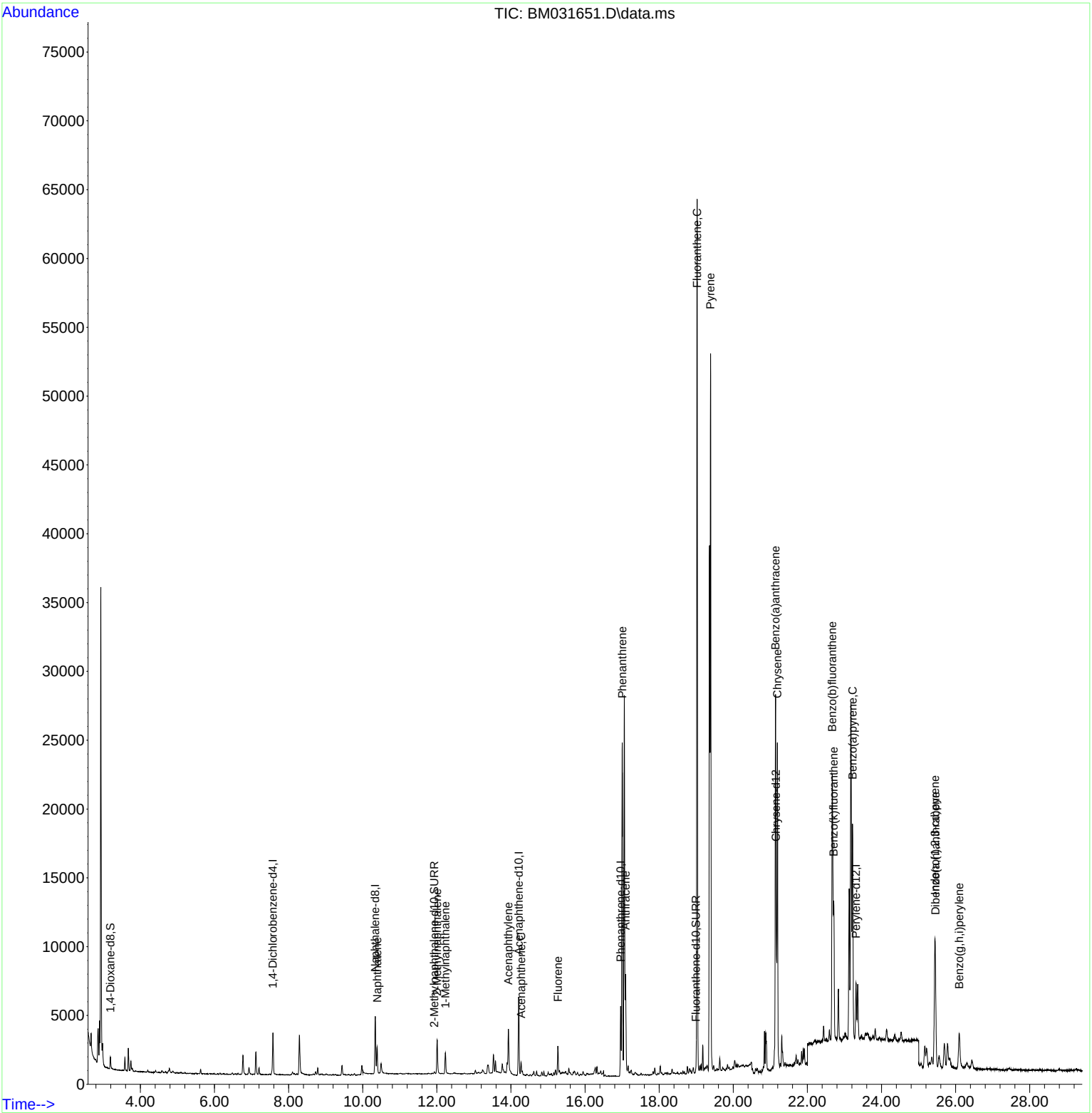
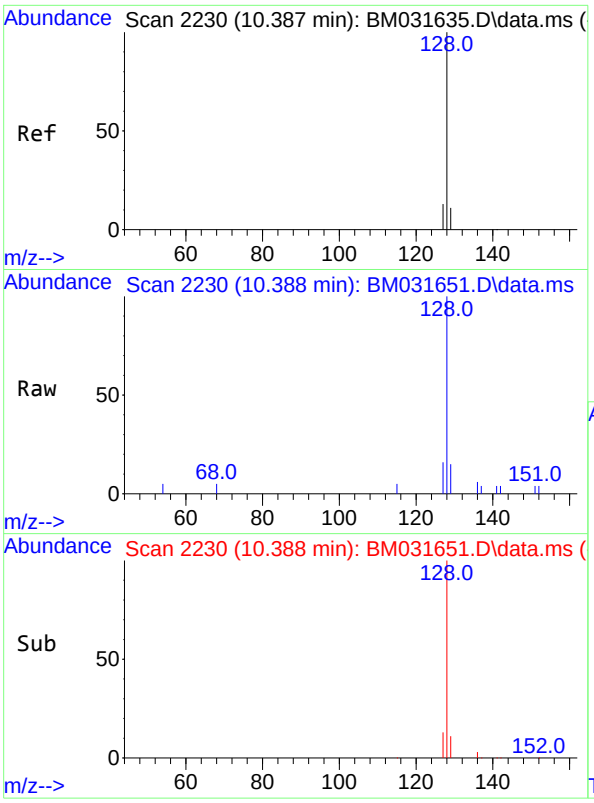
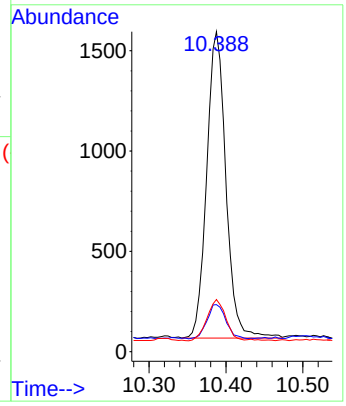


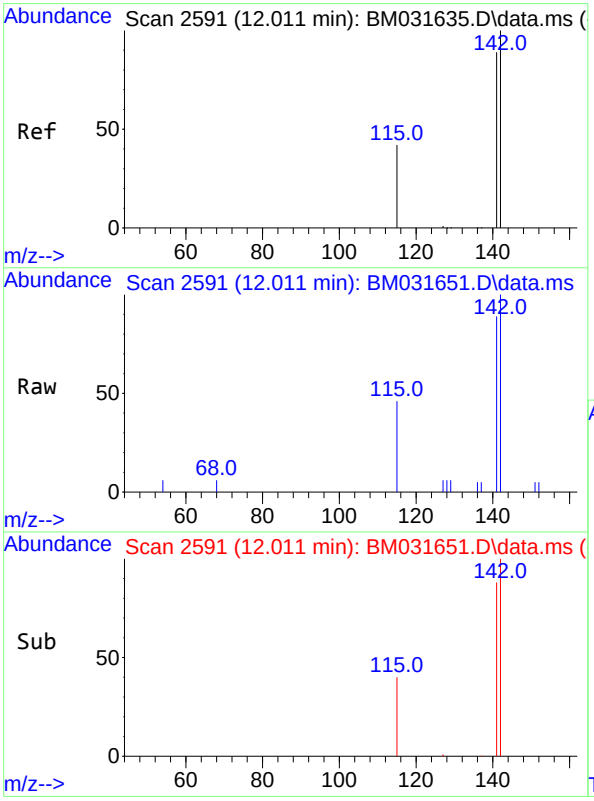


#5
Naphthalene
Concen: 0.155 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:128 Resp: 2650

Ion	Ratio	Lower	Upper
128	100		
129	14.7	10.0	15.0
127	16.3	11.6	17.4

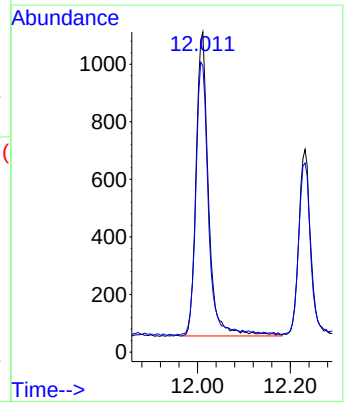




#7
2-Methylnaphthalene
Concen: 0.168 ng/ul
RT: 12.011 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:142 Resp: 1966

Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.4	107.0



Instrument :
BNA_M
ClientSampleId :
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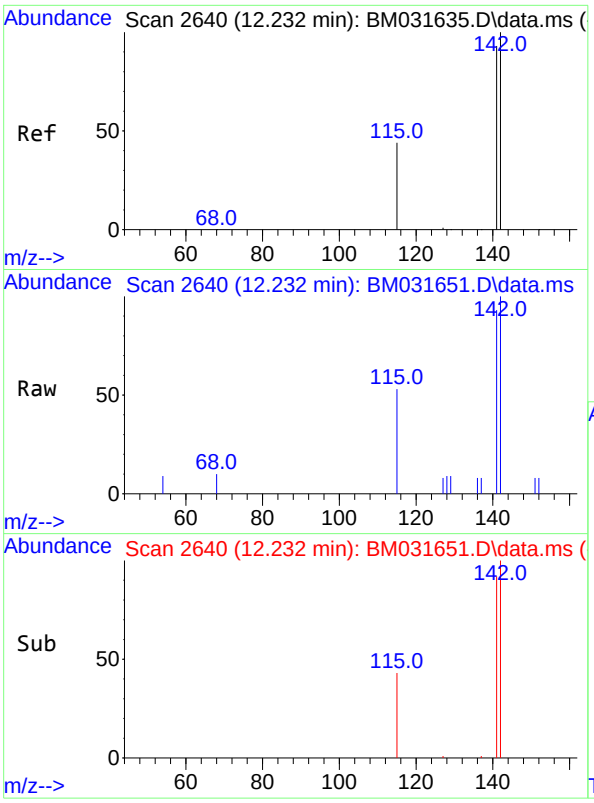
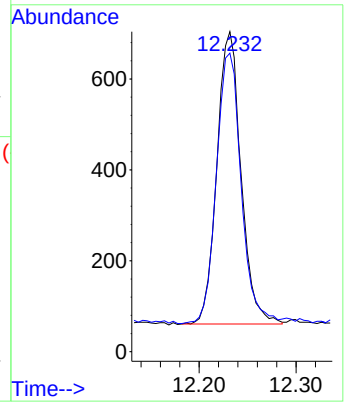


#8
1-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.232 min Scan# 2640
Delta R.T. 0.000 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:142 Resp: 1110

Ion	Ratio	Lower	Upper
142	100		
141	95.9	74.1	111.1



Instrument :
BNA_M
ClientSampleId :
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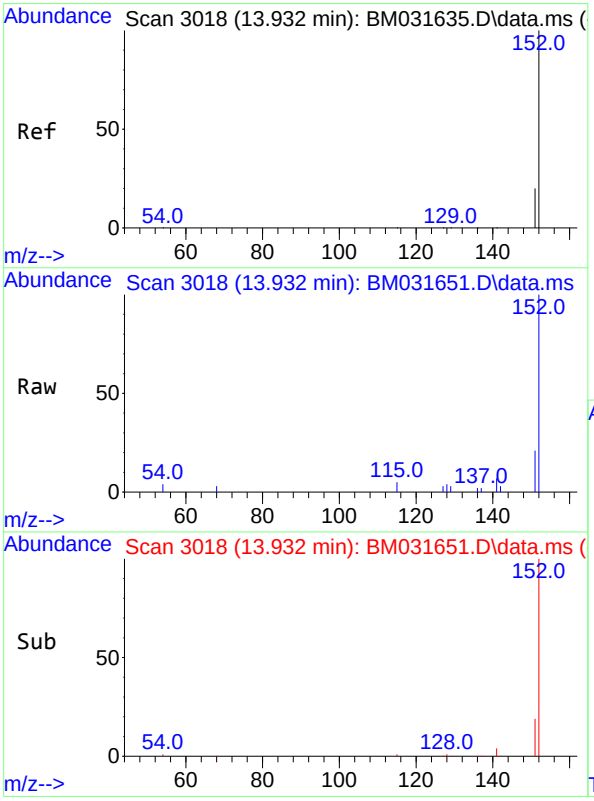
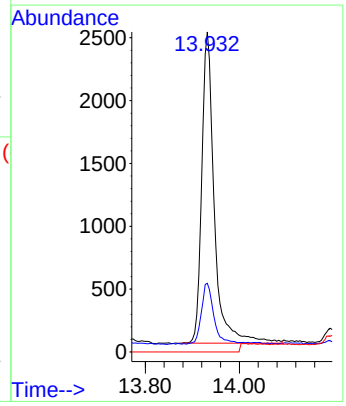
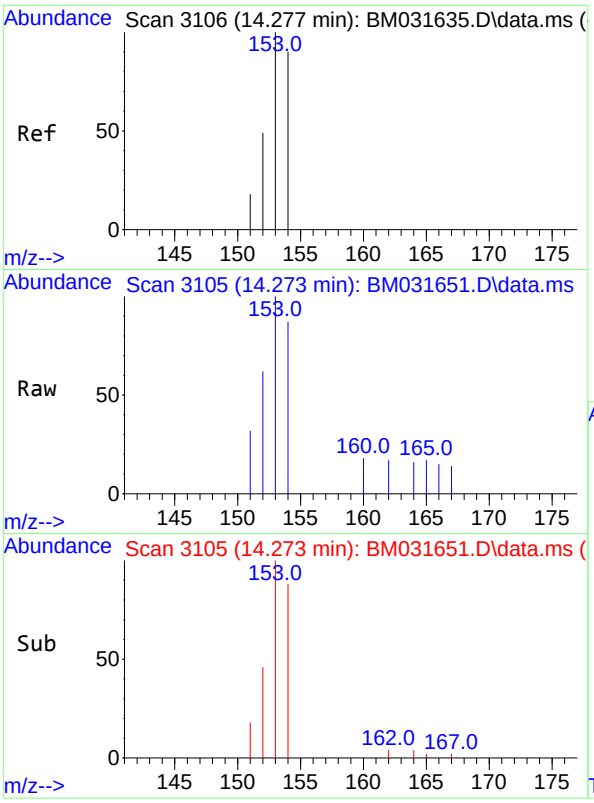


#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. 0.000 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:152 Resp: 4306

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.9	25.3
153	0.0	0.0	0.0

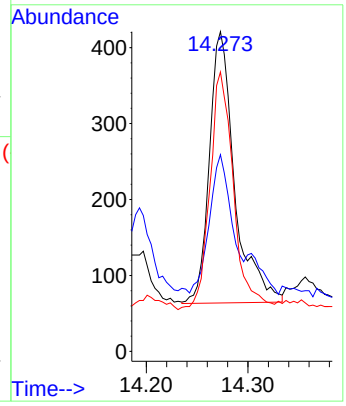




#11
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:153 Resp: 617

Ion	Ratio	Lower	Upper
153	100		
152	61.5	40.7	61.1#
154	87.4	70.2	105.2



Instrument :
BNA_M
ClientSampleId :
C00B0DL

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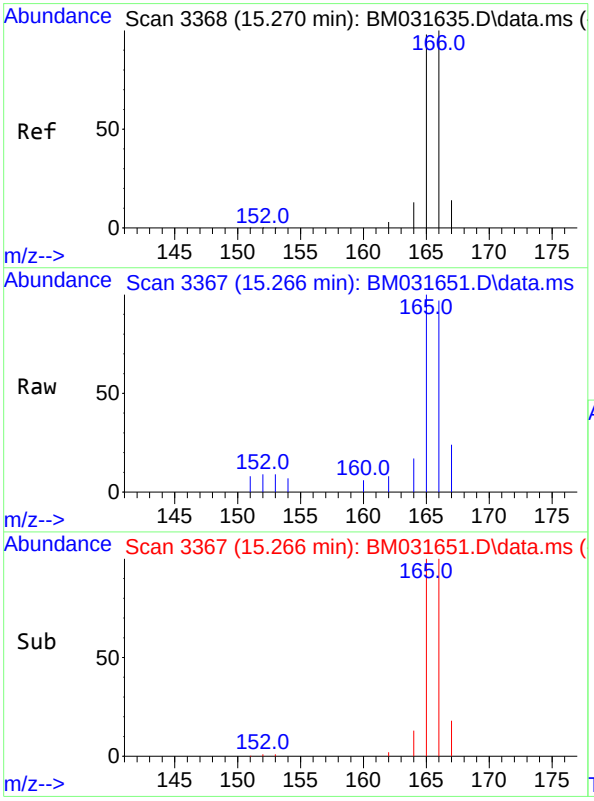
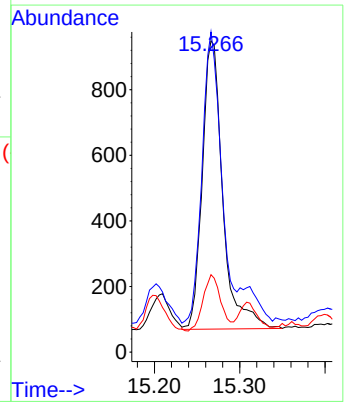
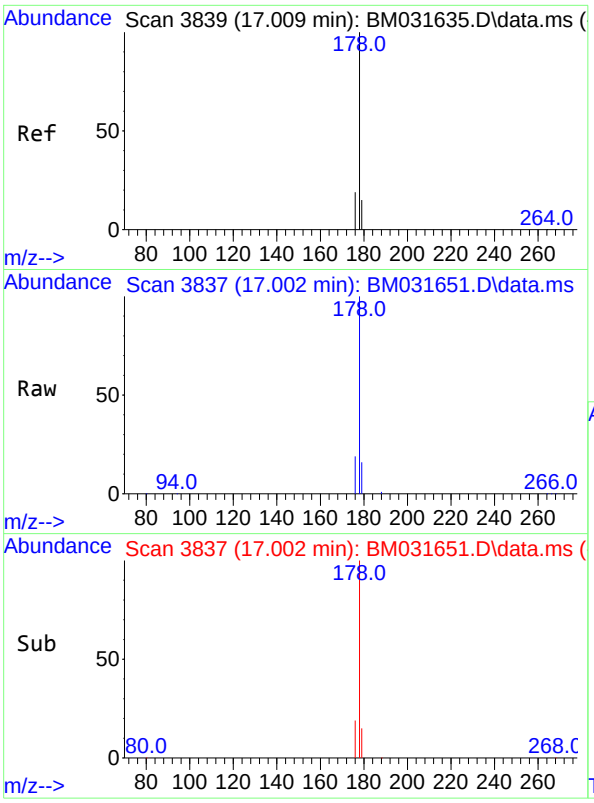


#12
Fluorene
Concen: 0.111 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:166 Resp: 1472

Ion	Ratio	Lower	Upper
166	100		
165	102.8	78.0	117.0
167	24.9	12.0	18.0#

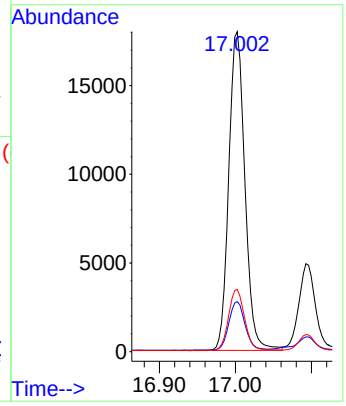




#15
Phenanthrene
Concen: 1.373 ng/ul
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:178 Resp: 26619

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.3	19.9
176	19.4	16.2	24.4



Instrument :
BNA_M
ClientSampleId :
C00B0DL

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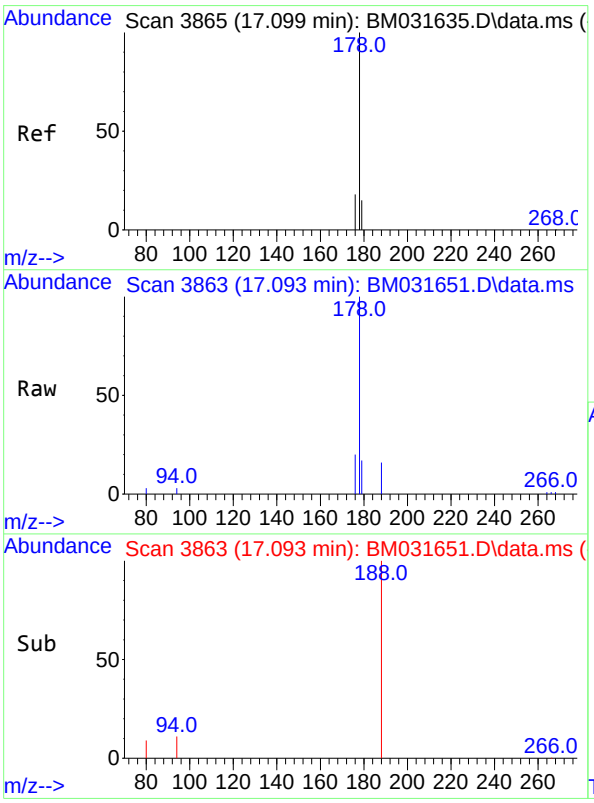
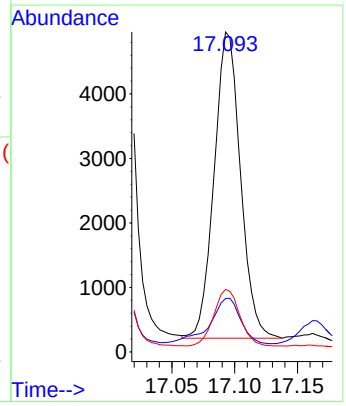
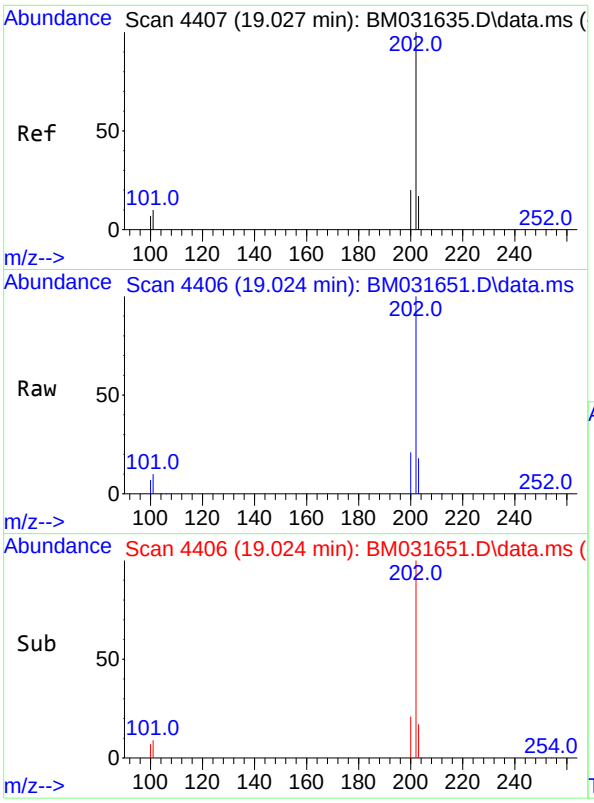


#16
Anthracene
Concen: 0.381 ng/ul
RT: 17.093 min Scan# 3863
Delta R.T. -0.007 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:178 Resp: 6917

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.6
176	19.6	15.6	23.4

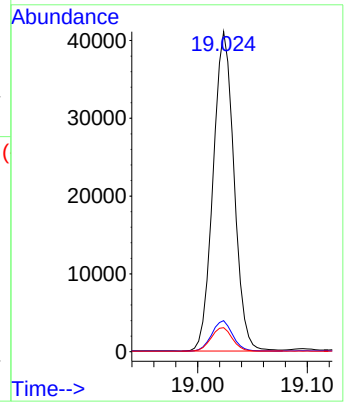


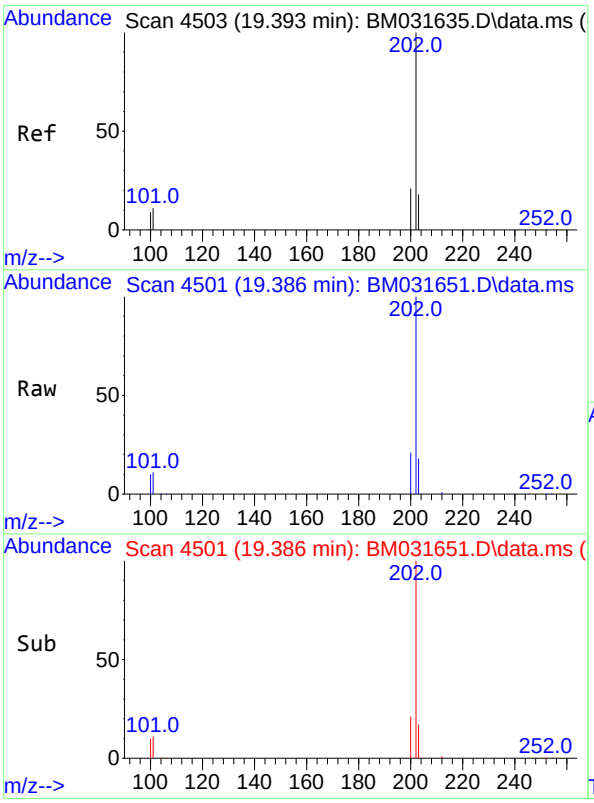


#19
Fluoranthene
Concen: 2.558 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:202 Resp: 54358

Ion	Ratio	Lower	Upper
202	100		
101	9.7	6.6	10.0
100	7.5	5.4	8.0

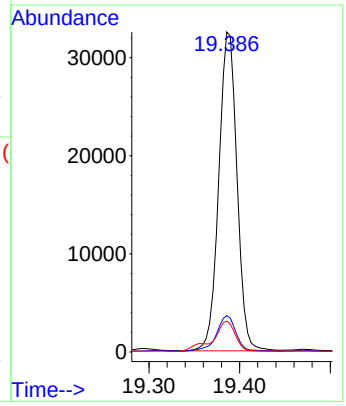




#20
Pyrene
Concen: 2.105 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.007 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:202 Resp: 45384

Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.8	11.6
100	9.7	6.6	10.0



Instrument :
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ClientSampleId :
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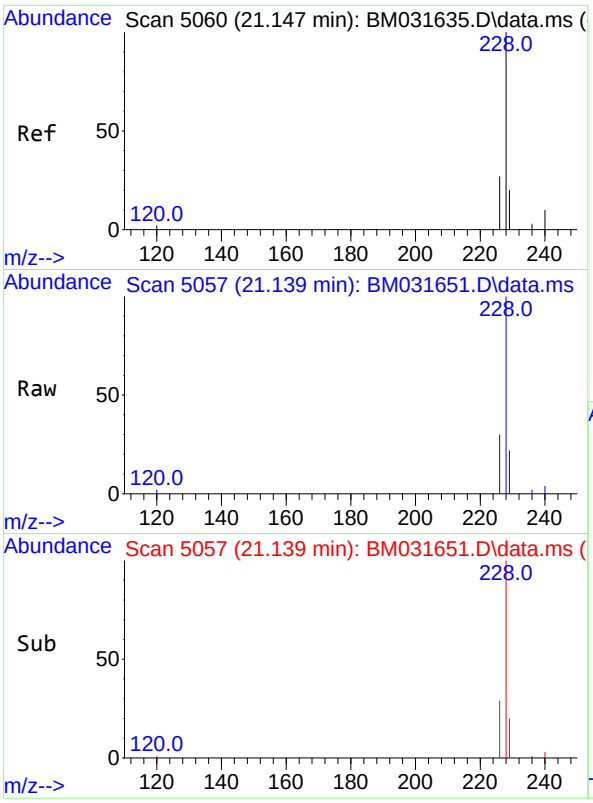
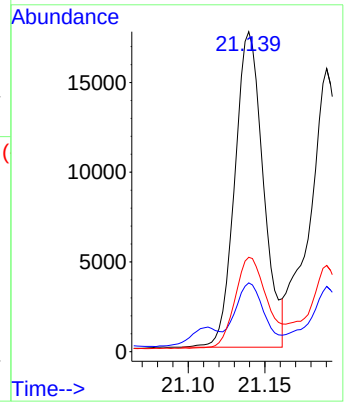


#21
Benzo(a)anthracene
Concen: 1.129 ng/ul
RT: 21.139 min Scan# 5057
Delta R.T. -0.007 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:228 Resp: 22698

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.6	23.4
226	29.5	21.7	32.5



Instrument :
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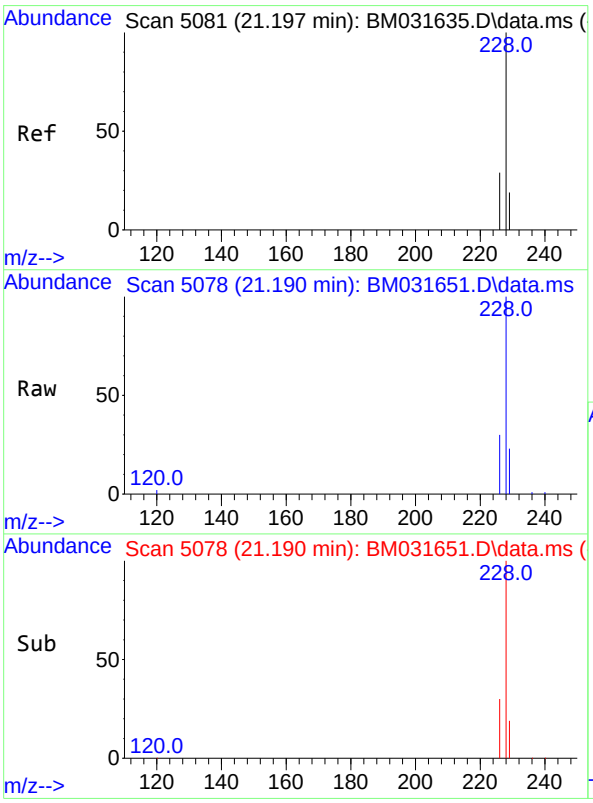
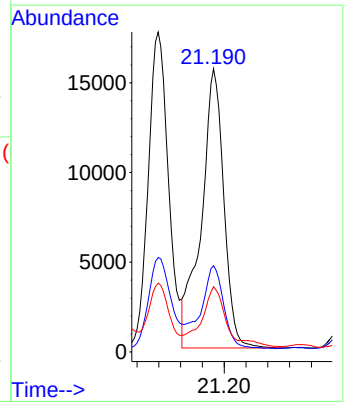
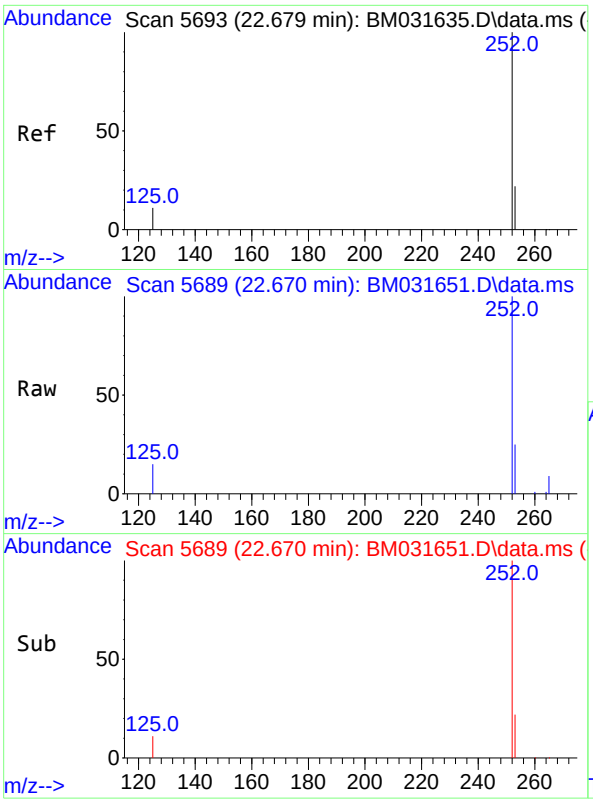


#22
Chrysene
Concen: 1.078 ng/ul
RT: 21.190 min Scan# 5078
Delta R.T. -0.007 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:228 Resp: 22416

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	23.1	16.2	24.2

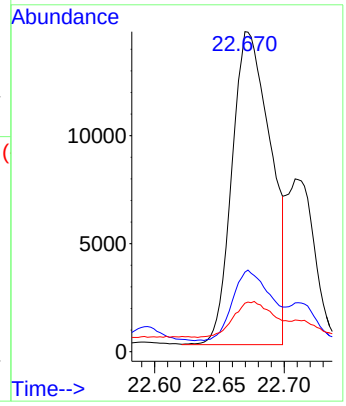


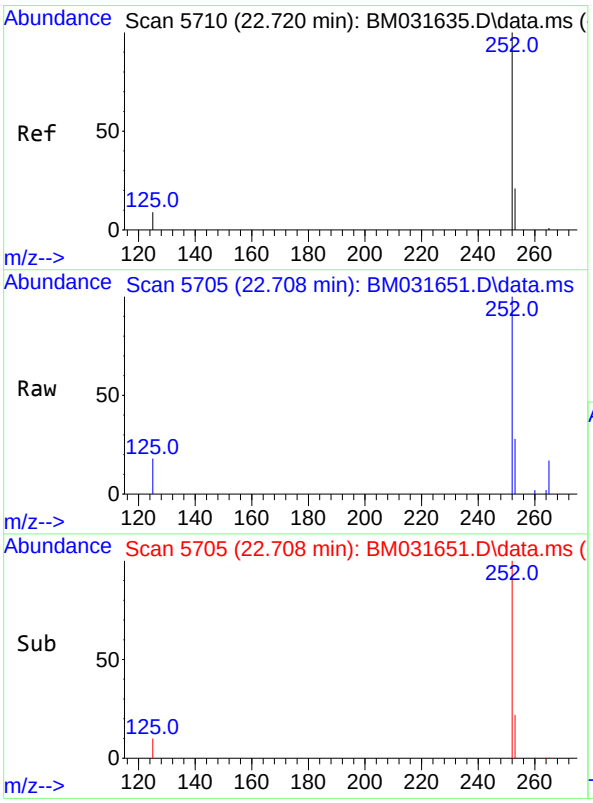


#24
Benzo(b)fluoranthene
Concen: 1.337 ng/ul m
RT: 22.670 min Scan# 5689
Delta R.T. -0.010 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:252 Resp: 29997

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	53.0
125	15.1	0.0	22.8

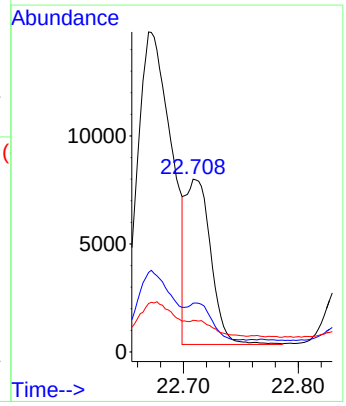




#25
Benzo(k)fluoranthene
Concen: 0.510 ng/ul m
RT: 22.708 min Scan# 5705
Delta R.T. -0.012 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:252 Resp: 11811

Ion	Ratio	Lower	Upper
252	100		
253	28.2	21.3	31.9
125	18.3	8.8	13.2#



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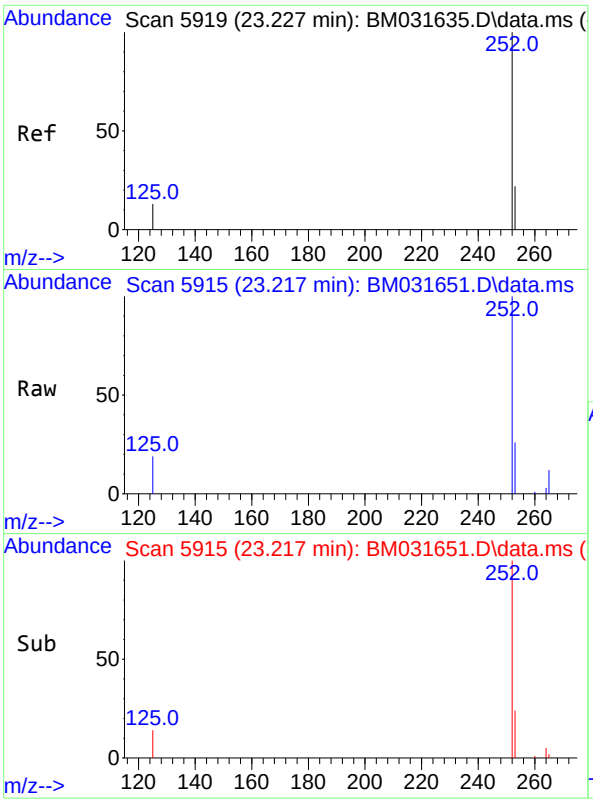
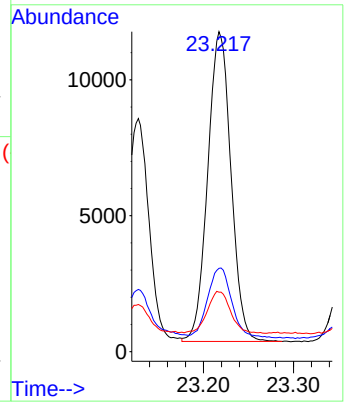


#26
Benzo(a)pyrene
Concen: 1.040 ng/ul
RT: 23.217 min Scan# 5915
Delta R.T. -0.010 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:252 Resp: 20440

Ion	Ratio	Lower	Upper
252	100		
253	26.0	22.4	33.6
125	18.6	13.0	19.4



Instrument :
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ClientSampleId :
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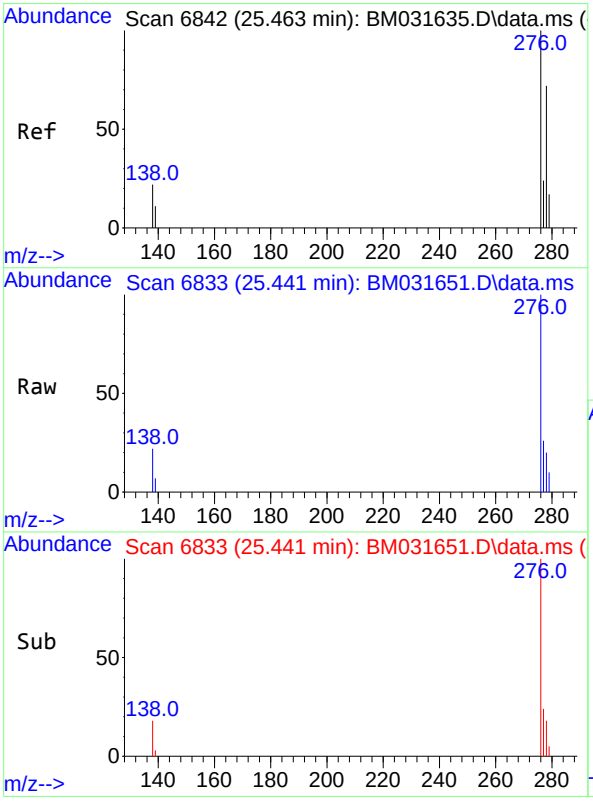
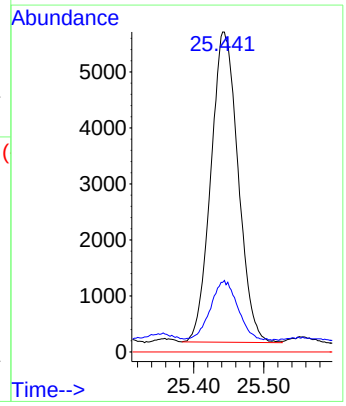
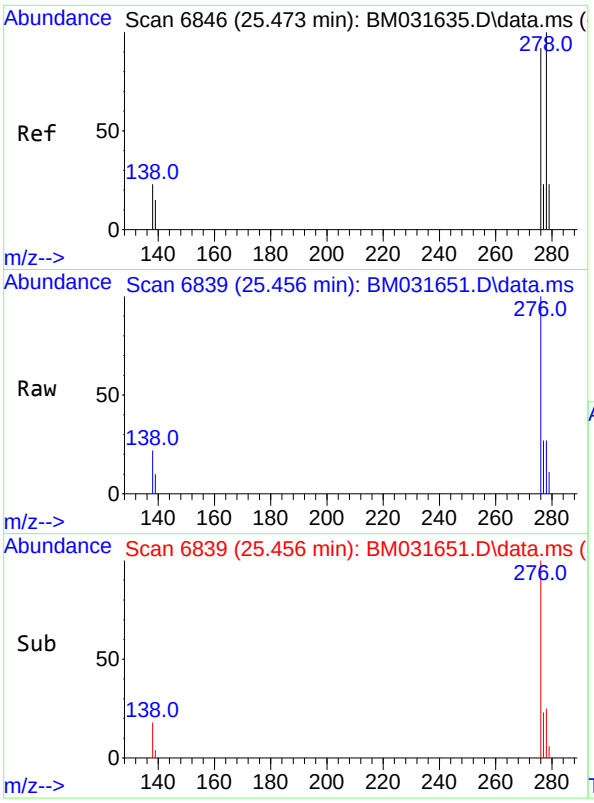


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.589 ng/ul
RT: 25.441 min Scan# 6833
Delta R.T. -0.022 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:276 Resp: 14948

Ion	Ratio	Lower	Upper
276	100		
138	18.8	15.8	23.8
227	0.0	0.0	0.0

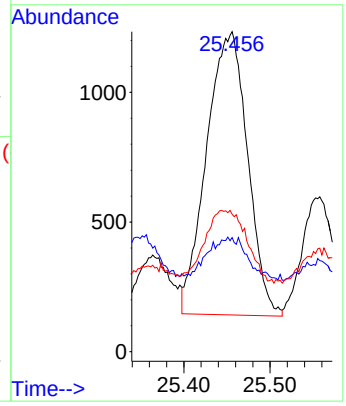




#28
Dibenzo(a,h)anthracene
Concen: 0.176 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.017 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

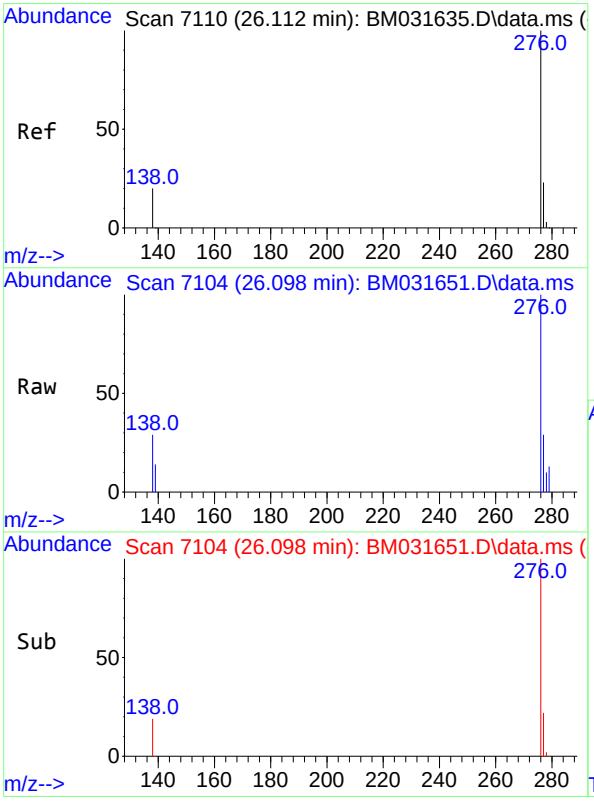
Tgt Ion:278 Resp: 3611

Ion	Ratio	Lower	Upper
278	100		
139	35.7	13.3	19.9#
279	42.9	22.8	34.2#



Instrument :
BNA_M
ClientSampleId :
C00B0DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:52 PM



#29
Benzo(g,h,i)perylene
Concen: 0.242 ng/ul
RT: 26.098 min Scan# 7104
Delta R.T. -0.014 min
Lab File: BM031651.D
Acq: 10 Aug 2021 21:08

Tgt Ion:276 Resp: 5248

Ion	Ratio	Lower	Upper
276	100		
138	29.1	15.4	23.2#
277	29.3	19.9	29.9