Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
Data File : BM030663.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2680-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDA2DL

Manual Integrations APPROVED
mohammad
6/29/2021 2:31:39 PM

Quant Time: Jun 29 02:21:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 14:33:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2340	0.400	ng/ul	0.00
4) Naphthalene-d8	10.580	136	9074	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.417	164	5159	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.155	188	9870	0.400	ng/ul	0.00
17) Chrysene-d12	21.323	240	9177	0.400	ng/ul	0.00
23) Perylene-d12	23.575	264	9737	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	1639	0.643	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.177	152	537	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.176	212	1130	0.043	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.629	128	1505	0.058	ng/ul#	88
10) Acenaphthylene	14.140	152	1499	0.065	ng/ul#	88
11) Acenaphthene	14.481	153	549	0.029	ng/ul#	91
12) Fluorene	15.467	166	952	0.046	ng/ul#	97
15) Phenanthrene	17.196	178	8844	0.267	ng/ul	100
16) Anthracene	17.287	178	4319	0.149	ng/ul	98
19) Fluoranthene	19.206	202	33703	0.832	ng/ul	98
20) Pyrene	19.568	202	29933	0.735	ng/ul	97
21) Benzo(a)anthracene	21.306	228	16673	0.456	ng/ul	95
22) Chrysene	21.357	228	12939	0.316	ng/ul	97
24) Benzo(b)fluoranthene	22.899	252	16414m	0.381	ng/ul	
25) Benzo(k)fluoranthene	22.936	252	6356m	0.143	ng/ul	
26) Benzo(a)pyrene	23.476	252	12849	0.350	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.855	276	7123	0.149	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.865	278	1834	0.048	ng/ul#	48
29) Benzo(g,h,i)perylene	26.555	276	5589	0.135	ng/ul#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
Data File : BM030663.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2680-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 29 02:21:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
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Manual Integrations APPROVED
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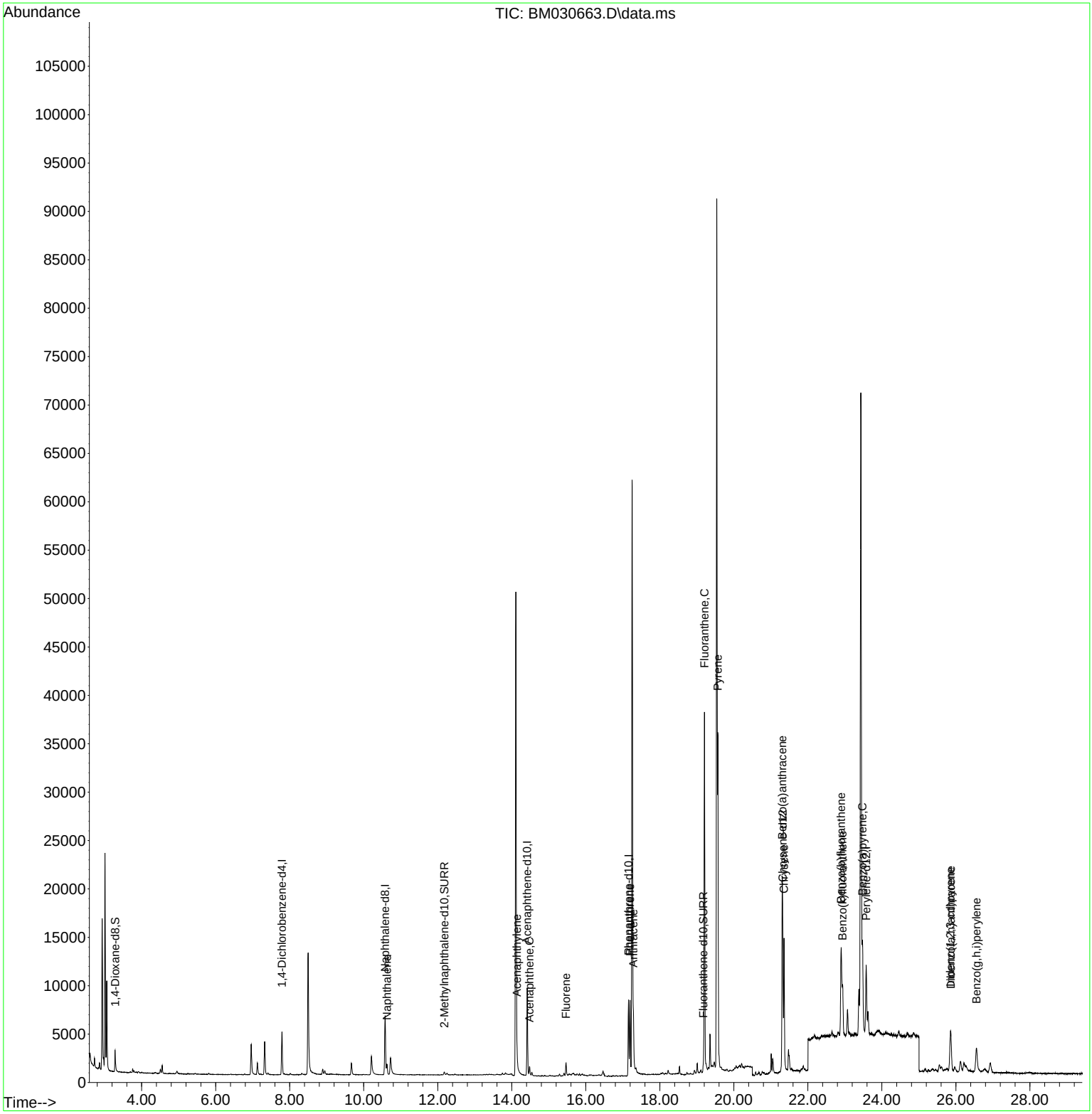
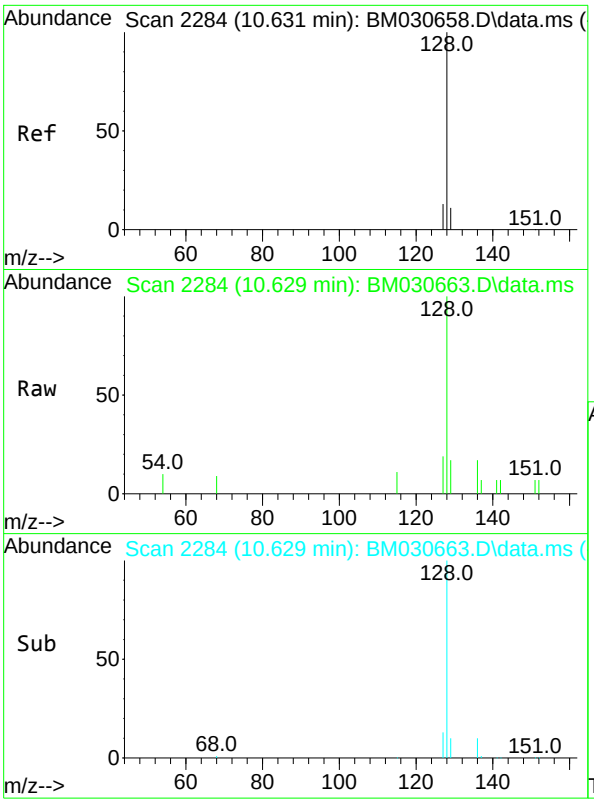
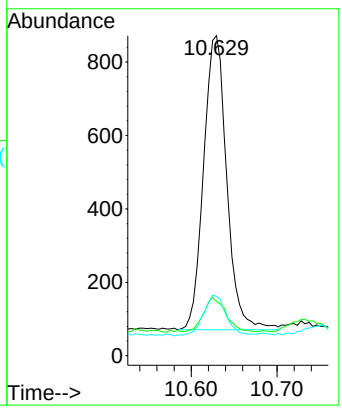




#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.629 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:128 Resp: 1505

Ion	Ratio	Lower	Upper
128	100		
129	17.0	9.5	14.3#
127	18.6	11.2	16.8#



Instrument :
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ClientSampleId :
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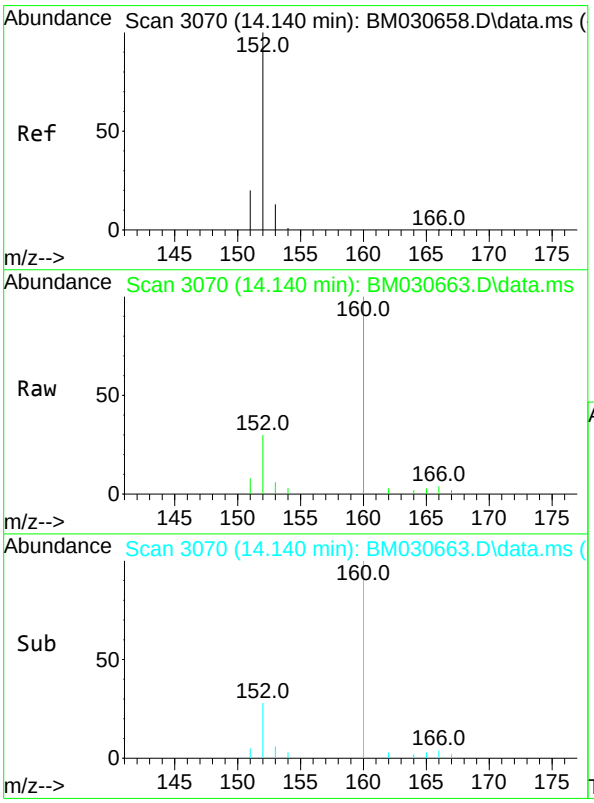
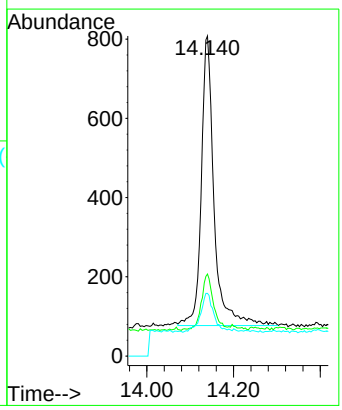
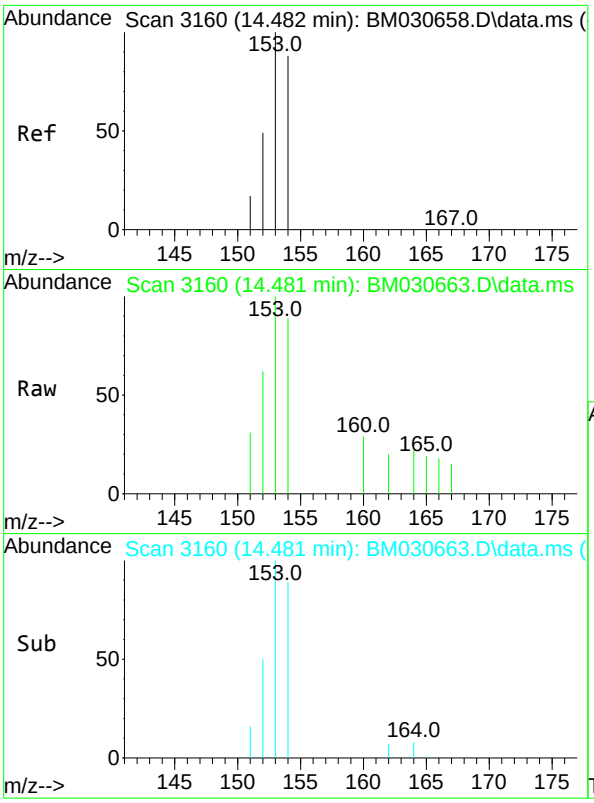


#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 14.140 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:152 Resp: 1499

Ion	Ratio	Lower	Upper
152	100		
151	25.6	16.2	24.4#
153	19.6	11.4	17.0#

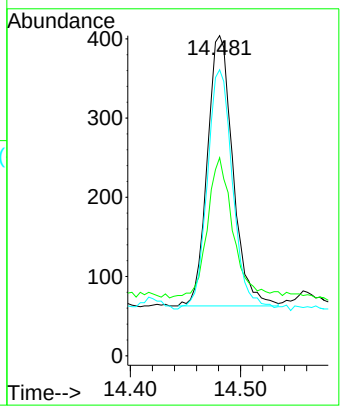




#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.481 min Scan# 3160
Delta R.T. -0.000 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:153 Resp: 549

Ion	Ratio	Lower	Upper
153	100		
152	61.9	39.8	59.6#
154	89.4	68.7	103.1



Instrument :
BNA_M
ClientSampleId :
BGDA2DL

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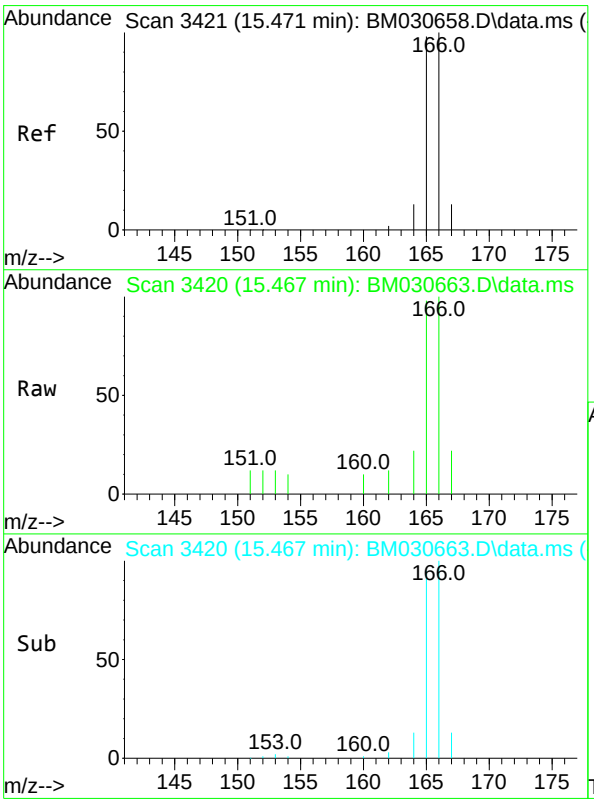
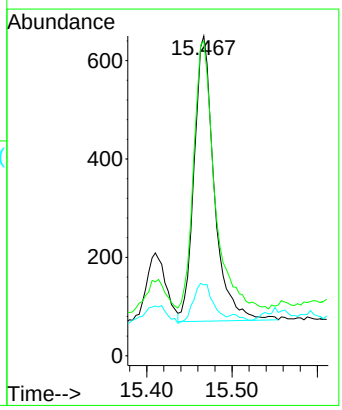
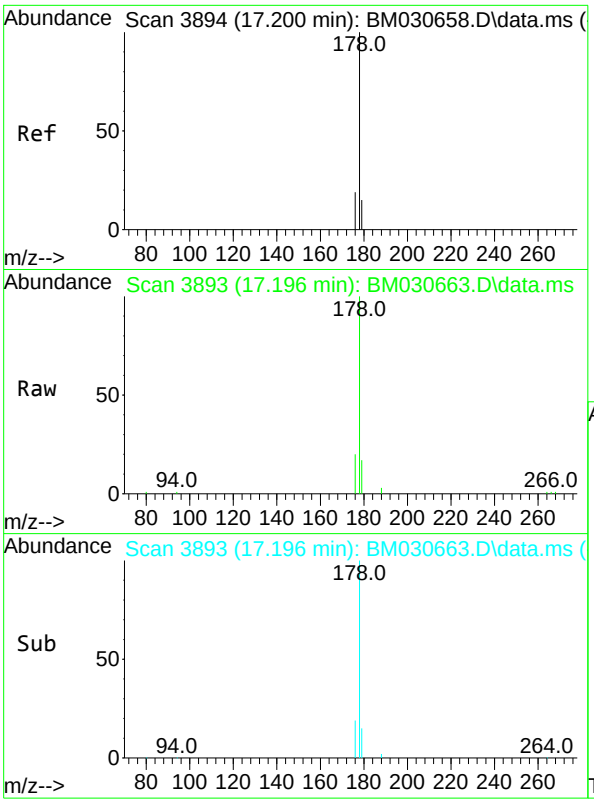


#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.467 min Scan# 3420
Delta R.T. -0.000 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:166 Resp: 952

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.1	118.7
167	22.2	12.2	18.2#

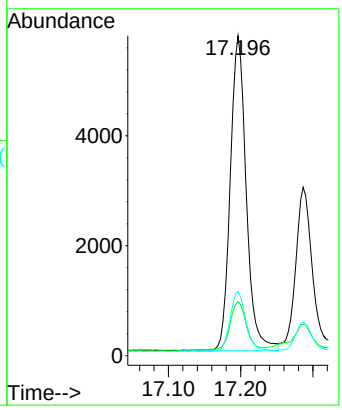




#15
Phenanthrene
Concen: 0.267 ng/ul
RT: 17.196 min Scan# 3893
Delta R.T. -0.004 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:178 Resp: 8844

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.3	19.9
176	20.1	16.0	24.0



Instrument :
BNA_M
ClientSampleId :
BGDA2DL

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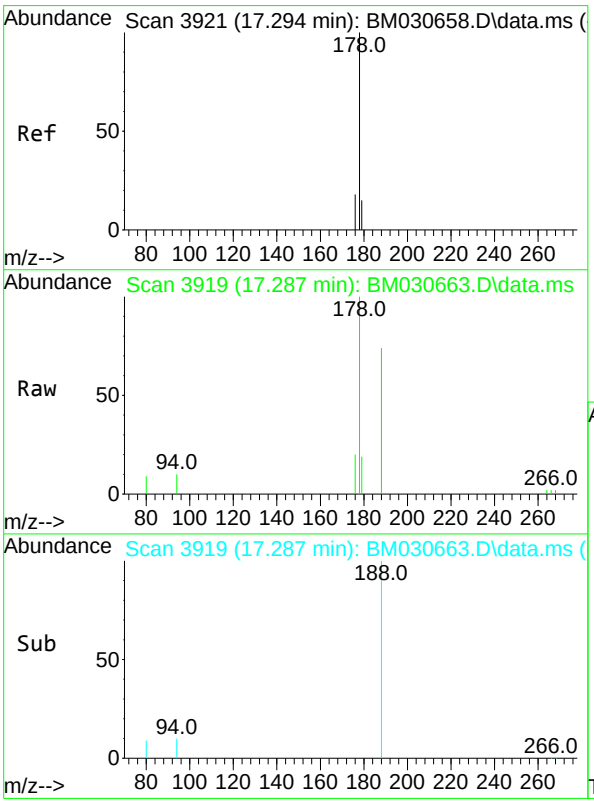
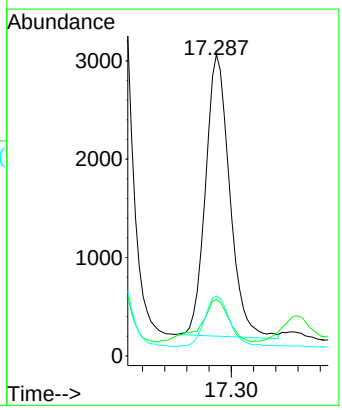
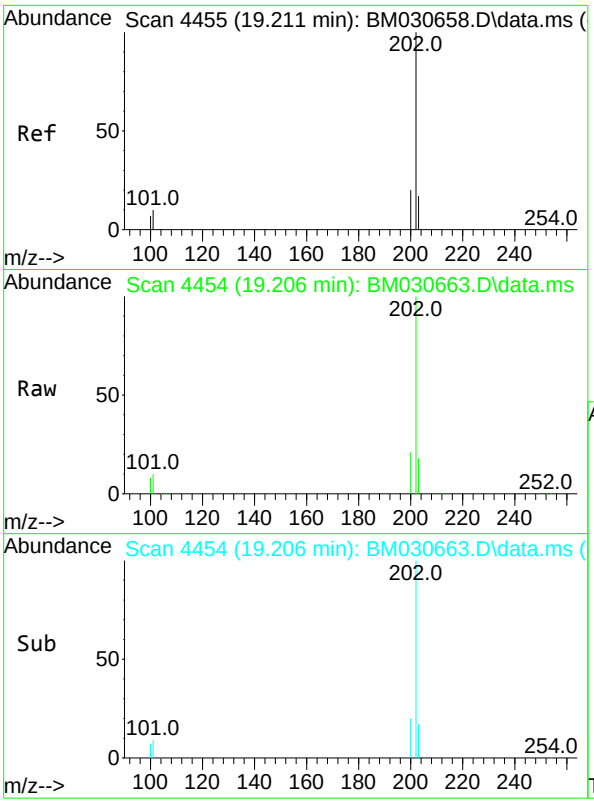


#16
Anthracene
Concen: 0.149 ng/ul
RT: 17.287 min Scan# 3919
Delta R.T. -0.004 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:178 Resp: 4319

Ion	Ratio	Lower	Upper
178	100		
179	18.7	14.0	21.0
176	19.9	15.8	23.6

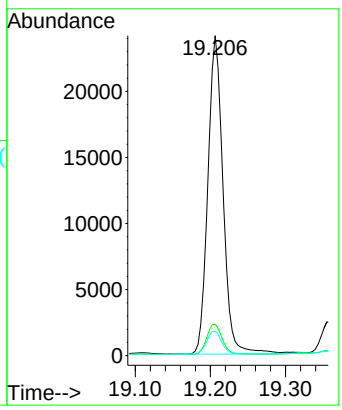


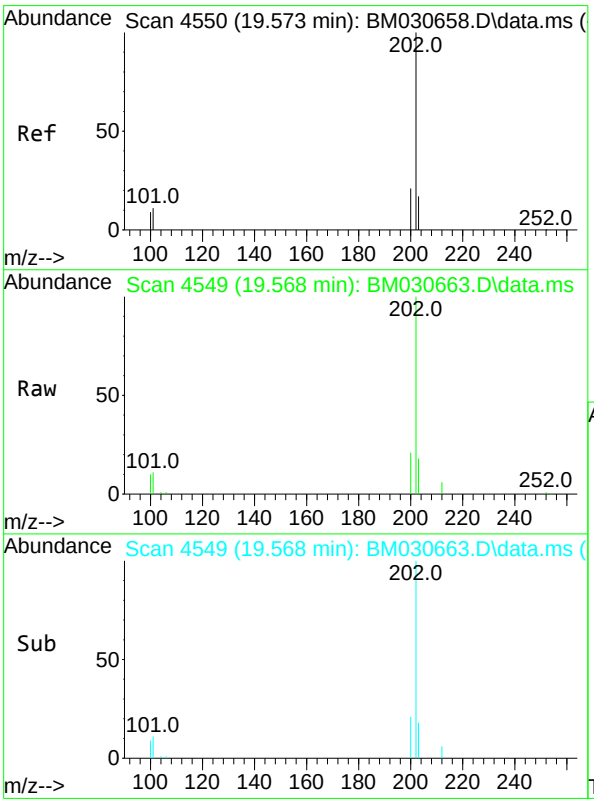


#19
Fluoranthene
Concen: 0.832 ng/ul
RT: 19.206 min Scan# 4454
Delta R.T. -0.004 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:202 Resp: 33703

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.7	13.1
100	7.7	6.6	9.8

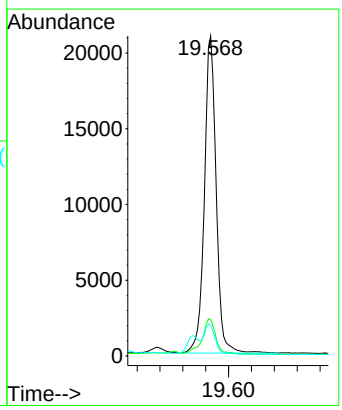




#20
Pyrene
Concen: 0.735 ng/ul
RT: 19.568 min Scan# 4549
Delta R.T. -0.000 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:202 Resp: 29933

Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.2	15.4
100	9.5	8.5	12.7



Instrument :
BNA_M
ClientSampleId :
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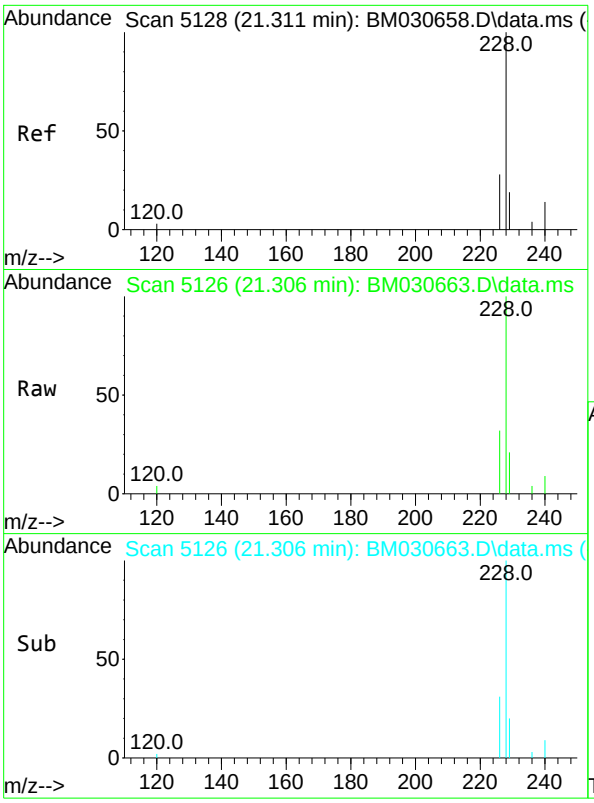
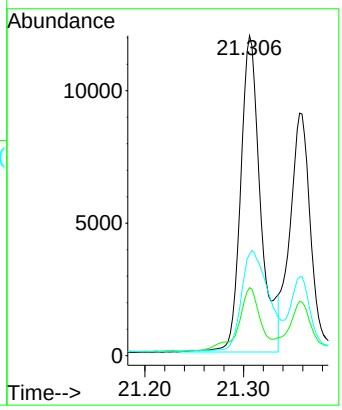
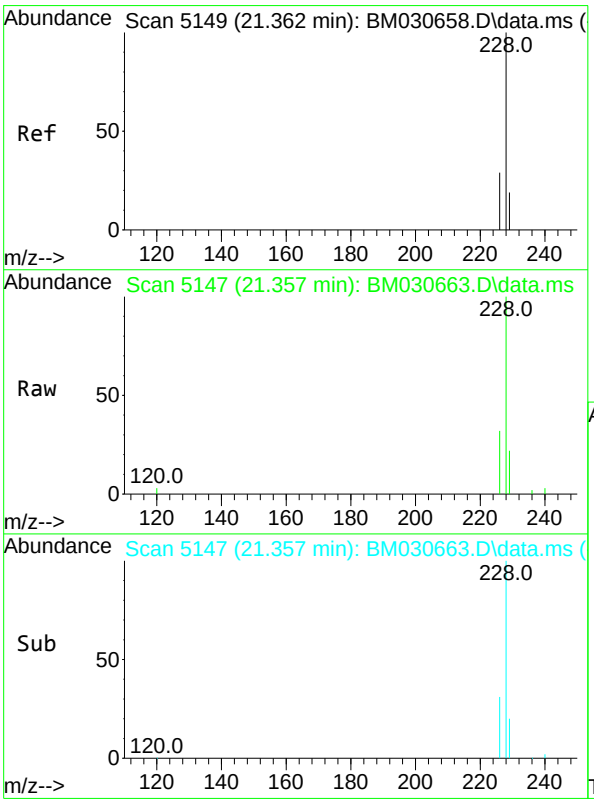


#21
Benzo(a)anthracene
Concen: 0.456 ng/ul
RT: 21.306 min Scan# 5126
Delta R.T. -0.003 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:228 Resp: 16673

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.2	24.2
226	31.7	22.2	33.4

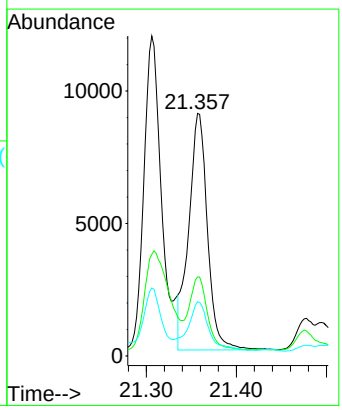




#22
Chrysene
Concen: 0.316 ng/ul
RT: 21.357 min Scan# 5147
Delta R.T. -0.005 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:228 Resp: 12939

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	22.4	16.2	24.2



Instrument :
BNA_M
ClientSampleId :
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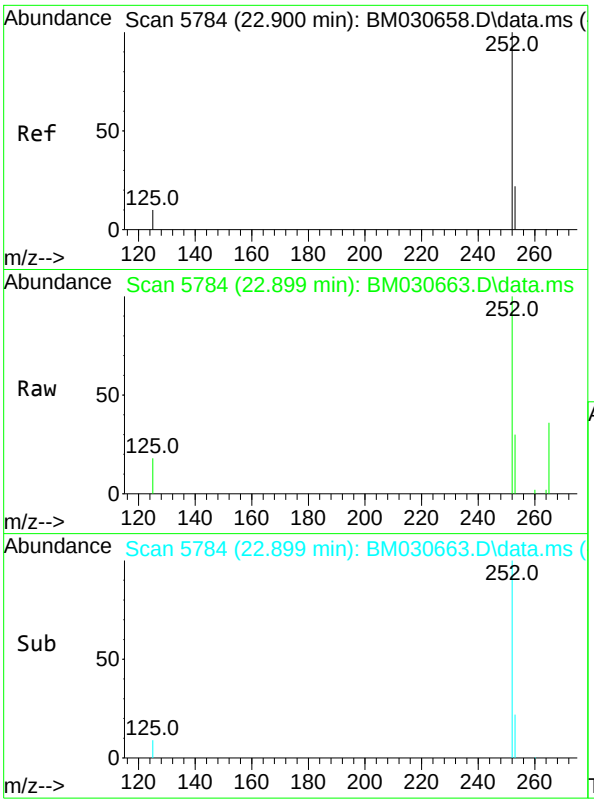
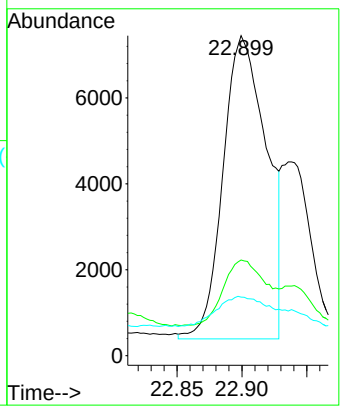


#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul m
RT: 22.899 min Scan# 5784
Delta R.T. -0.000 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:252 Resp: 16414

Ion	Ratio	Lower	Upper
252	100		
253	29.9	0.0	57.8
125	18.3	0.0	33.2



Instrument :
BNA_M
ClientSampleId :
BGDA2DL

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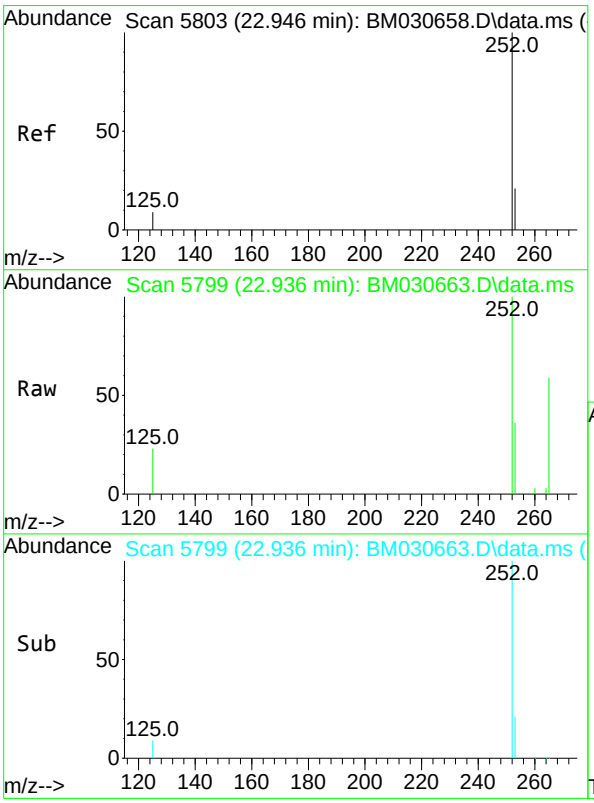
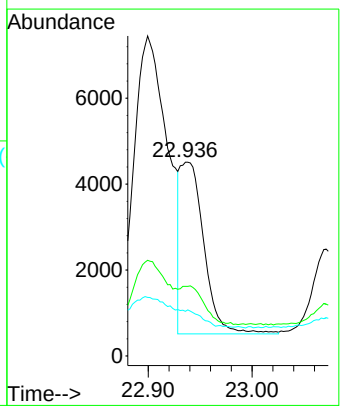
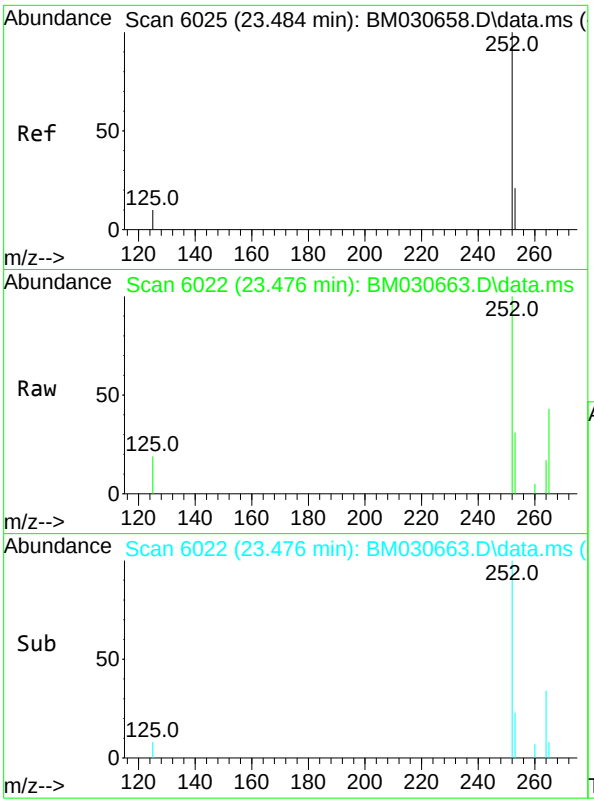


#25
Benzo(k)fluoranthene
Concen: 0.143 ng/ul m
RT: 22.936 min Scan# 5799
Delta R.T. -0.010 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:252 Resp: 6356

Ion	Ratio	Lower	Upper
252	100		
253	36.0	23.2	34.8#
125	23.1	12.6	19.0#

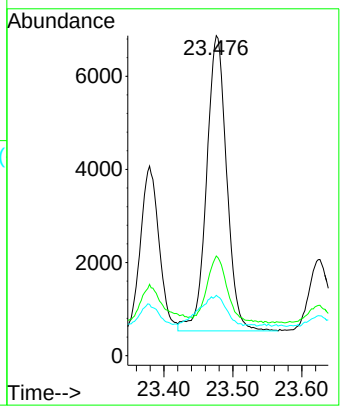


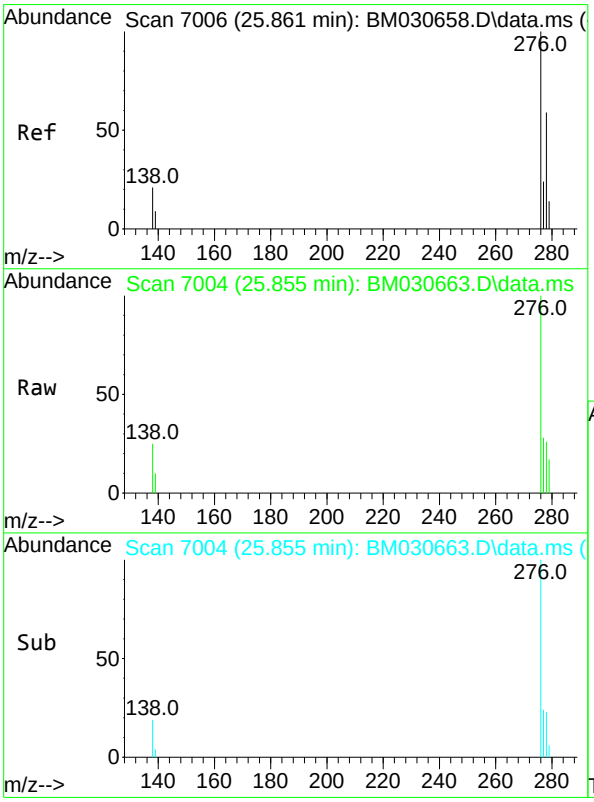


#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.476 min Scan# 6022
Delta R.T. -0.005 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:252 Resp: 12849

Ion	Ratio	Lower	Upper
252	100		
253	31.2	25.5	38.3
125	18.8	15.8	23.6

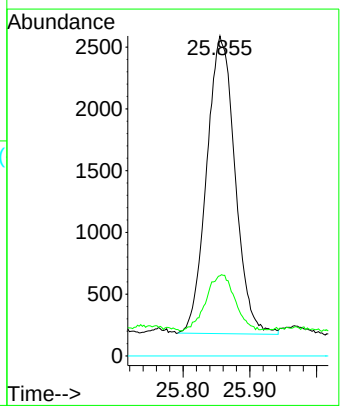




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.149 ng/ul
RT: 25.855 min Scan# 7004
Delta R.T. -0.008 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:276 Resp: 7123

Ion	Ratio	Lower	Upper
276	100		
138	19.5	18.2	27.4
227	0.0	0.0	0.0



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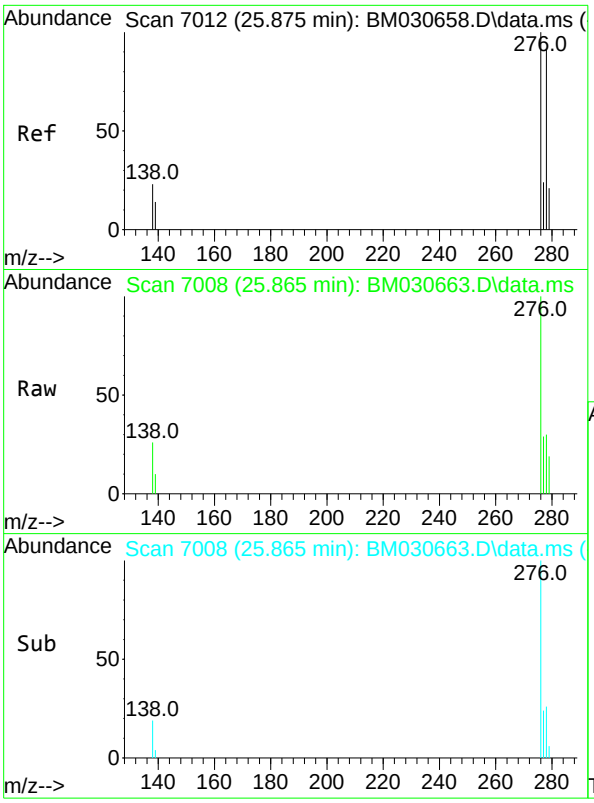
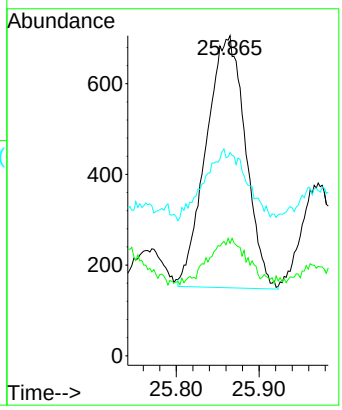
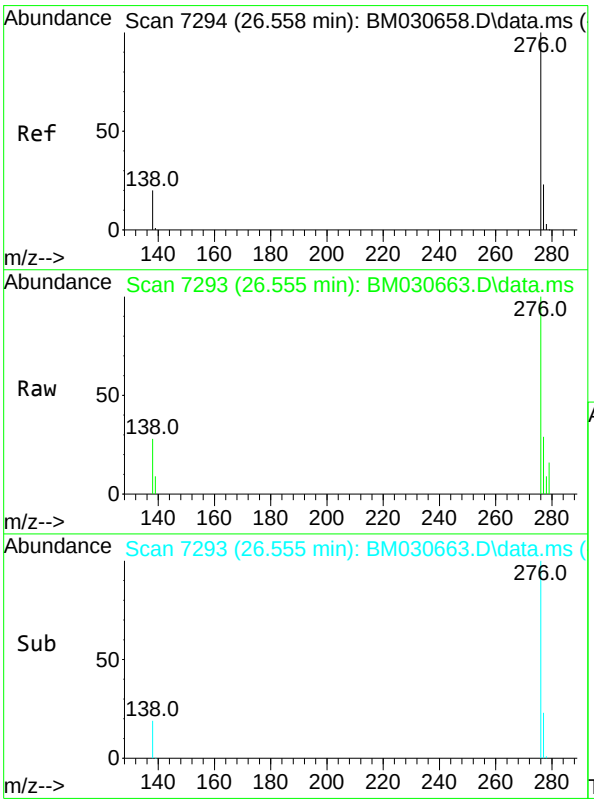


#28
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul
RT: 25.865 min Scan# 7008
Delta R.T. -0.005 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:278 Resp: 1834

Ion	Ratio	Lower	Upper
278	100		
139	35.1	15.0	22.4#
279	63.5	24.3	36.5#

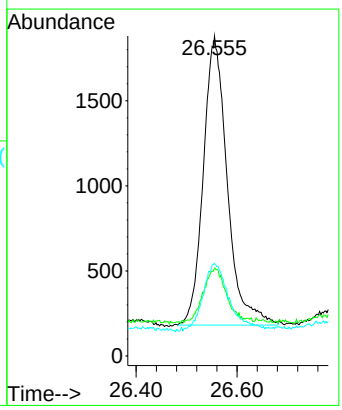




#29
Benzo(g,h,i)perylene
Concen: 0.135 ng/ul
RT: 26.555 min Scan# 7293
Delta R.T. -0.003 min
Lab File: BM030663.D
Acq: 28 Jun 2021 21:07

Tgt Ion:276 Resp: 5589

Ion	Ratio	Lower	Upper
276	100		
138	27.5	18.1	27.1#
277	28.9	20.9	31.3



Instrument :
BNA_M
ClientSampleId :
BGDA2DL

Manual Integrations APPROVED
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