Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030628.D
Acq On : 26 Jun 2021 08:29
Operator : CG/JU
Sample : M2682-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDA0

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:23 PM

Quant Time: Jun 27 02:06:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	3441	0.400	ng/ul	0.00
4) Naphthalene-d8	10.577	136	14456	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.421	164	9111	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.155	188	18027	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	13326	0.400	ng/ul	0.00
23) Perylene-d12	23.573	264	12776	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	7930	2.154	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.173	152	3657	0.158	ng/ul	0.00
18) Fluoranthene-d10	19.176	212	9195	0.225	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.626	128	2572	0.060	ng/ul#	93
10) Acenaphthylene	14.140	152	4392	0.103	ng/ul	95
11) Acenaphthene	14.485	153	1277	0.037	ng/ul	99
12) Fluorene	15.467	166	2098	0.055	ng/ul#	95
15) Phenanthrene	17.197	178	46790	0.729	ng/ul	100
16) Anthracene	17.287	178	20437	0.363	ng/ul	99
19) Fluoranthene	19.207	202	242753	3.962	ng/ul	98
20) Pyrene	19.569	202	190781	3.040	ng/ul	98
21) Benzo(a)anthracene	21.306	228	117062	2.211	ng/ul	97
22) Chrysene	21.357	228	105743	1.799	ng/ul	98
24) Benzo(b)fluoranthene	22.897	252	119162m	2.144	ng/ul	
25) Benzo(k)fluoranthene	22.936	252	43411m	0.745	ng/ul	
26) Benzo(a)pyrene	23.474	252	66786	1.354	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.853	276	43047	0.686	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.860	278	12305	0.246	ng/ul#	84
29) Benzo(g,h,i)perylene	26.556	276	4030	0.074	ng/ul#	78

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

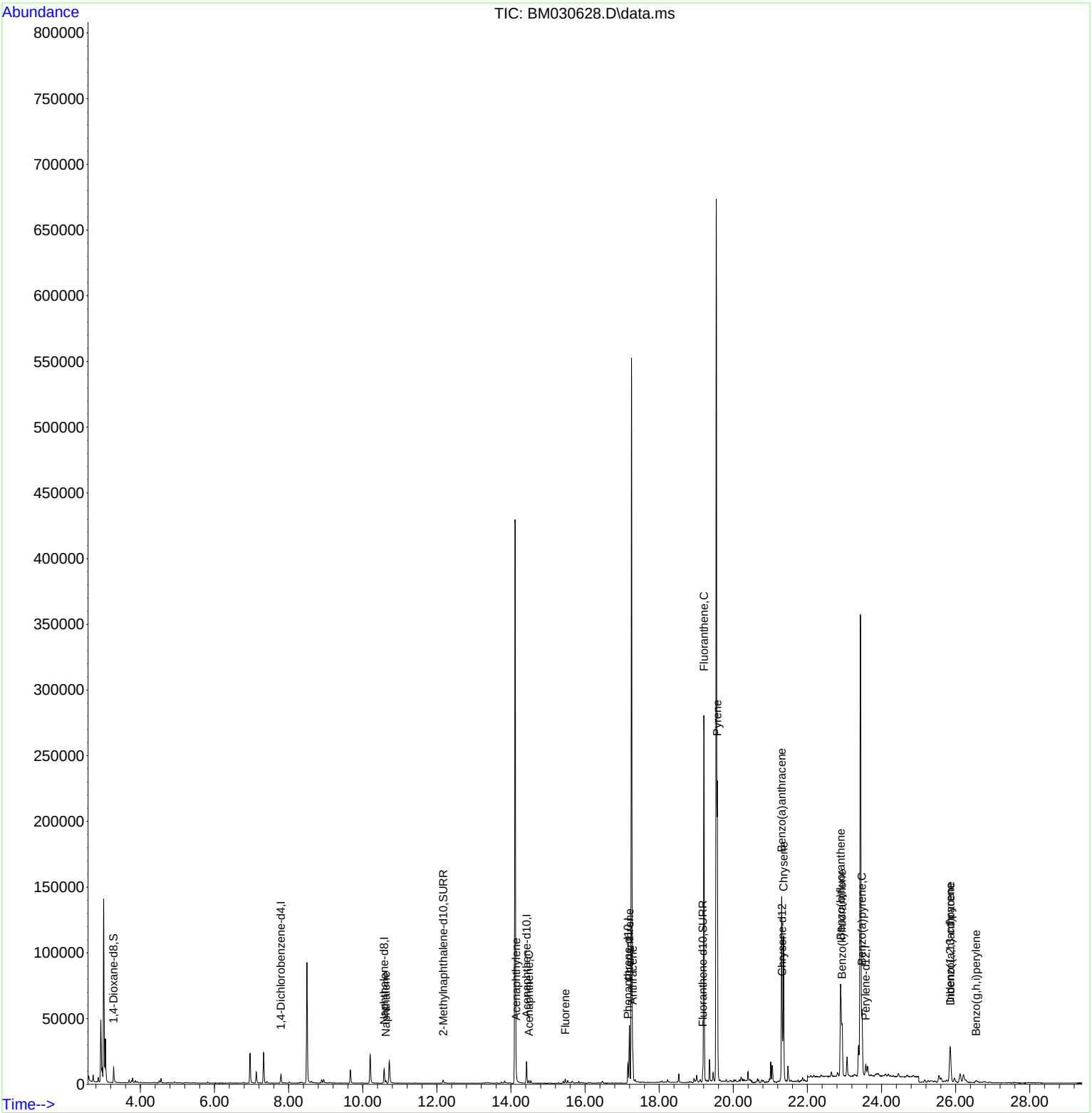
Quantitation Report (QT Reviewed)

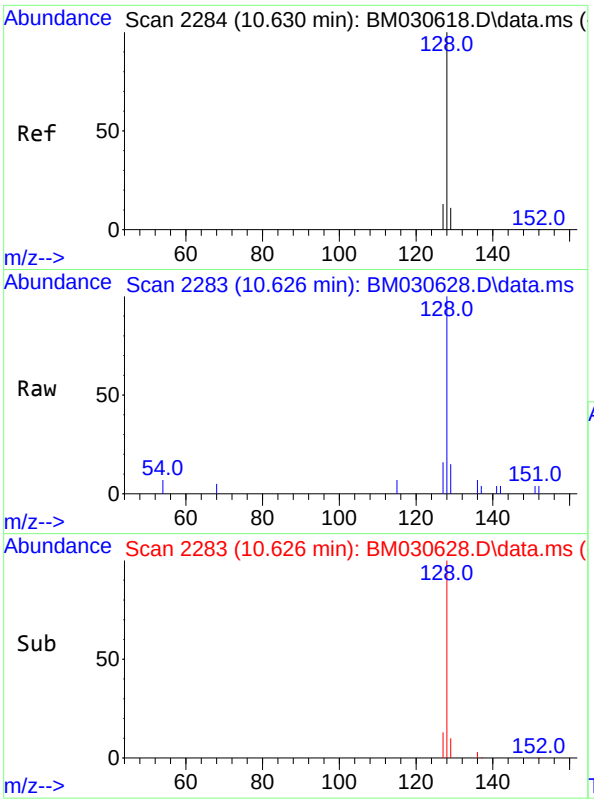
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030628.D
Acq On : 26 Jun 2021 08:29
Operator : CG/JU
Sample : M2682-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jun 27 02:06:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDA0

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:23 PM

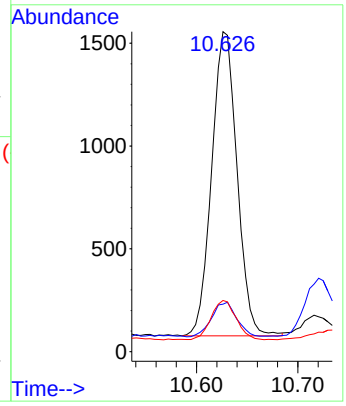




#5
Naphthalene
Concen: 0.060 ng/ul
RT: 10.626 min Scan# 2283
Delta R.T. -0.009 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

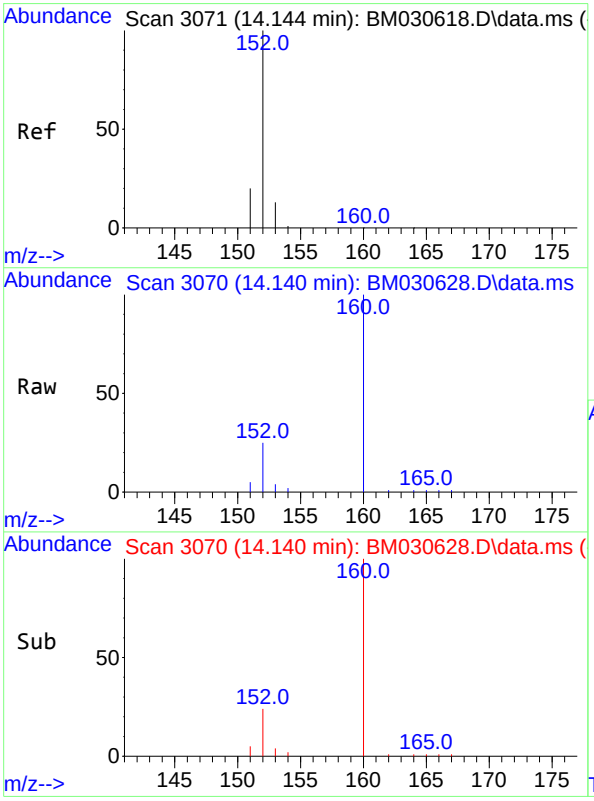
Tgt Ion:128 Resp: 2572

Ion	Ratio	Lower	Upper
128	100		
129	14.8	9.0	13.6#
127	16.0	10.9	16.3



Instrument :
BNA_M
ClientSampleId :
BGDA0

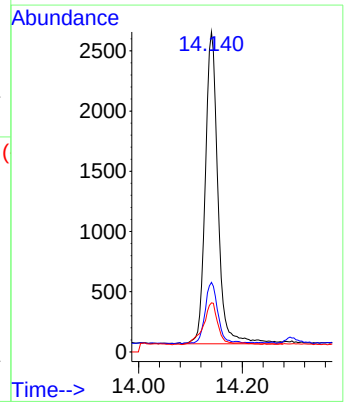
Manual Integrations APPROVED
mohammad
6/28/2021 1:22:23 PM

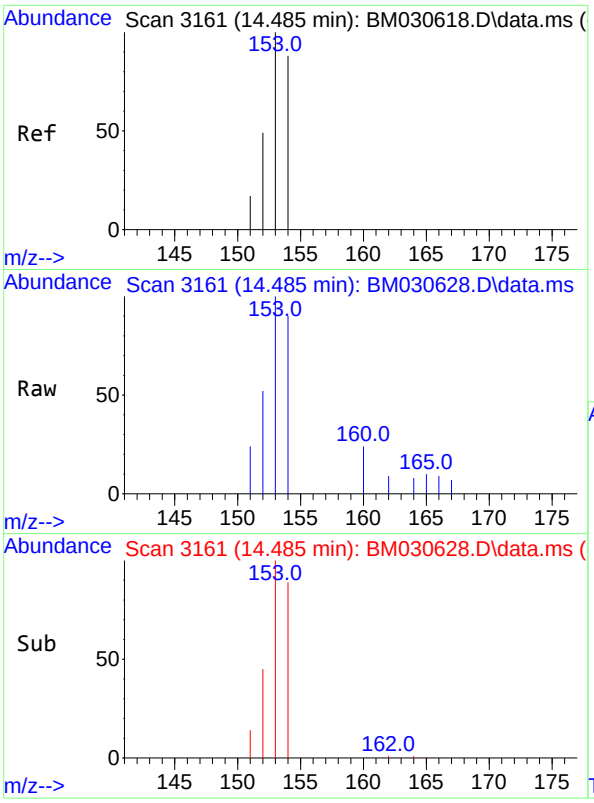


#10
Acenaphthylene
Concen: 0.103 ng/ul
RT: 14.140 min Scan# 3070
Delta R.T. -0.004 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

Tgt Ion:152 Resp: 4392

Ion	Ratio	Lower	Upper
152	100		
151	21.8	15.5	23.3
153	15.4	10.7	16.1

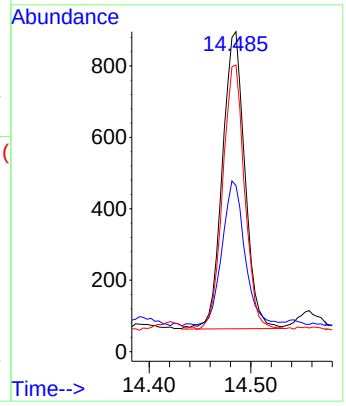




#11
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

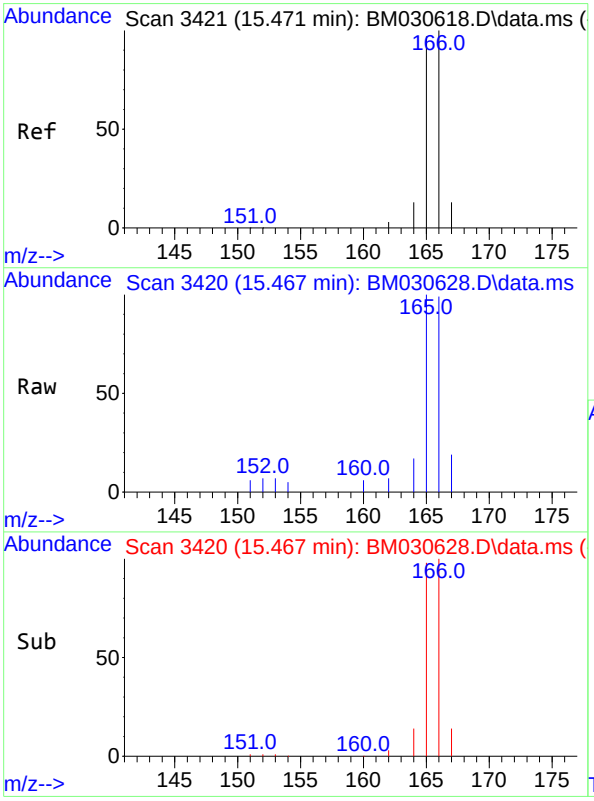
Tgt Ion:153 Resp: 1277

Ion	Ratio	Lower	Upper
153	100		
152	51.9	40.2	60.2
154	89.6	71.2	106.8



Instrument :
BNA_M
ClientSampleId :
BGDA0

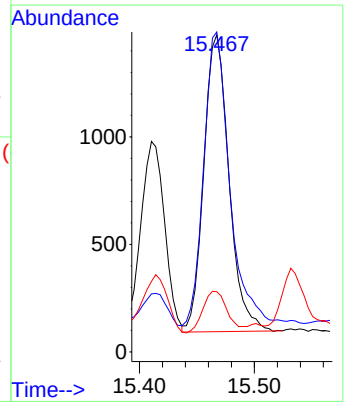
Manual Integrations APPROVED
mohammad
6/28/2021 1:22:23 PM

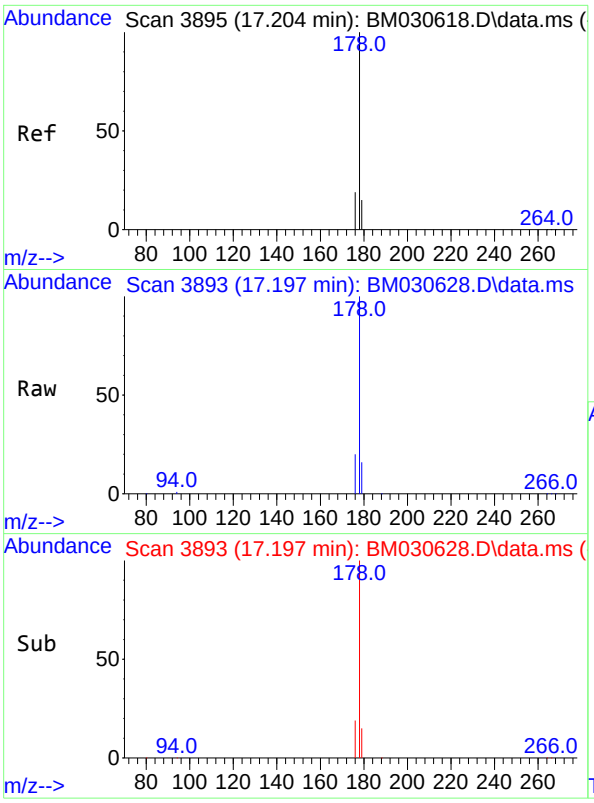


#12
Fluorene
Concen: 0.055 ng/ul
RT: 15.467 min Scan# 3420
Delta R.T. -0.008 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

Tgt Ion:166 Resp: 2098

Ion	Ratio	Lower	Upper
166	100		
165	100.9	77.7	116.5
167	19.0	11.3	16.9#

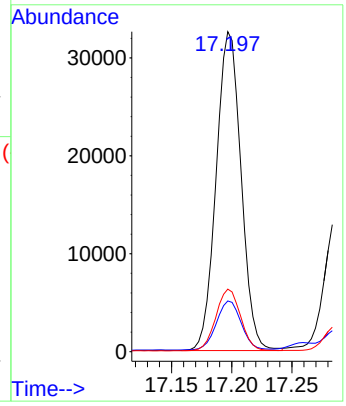


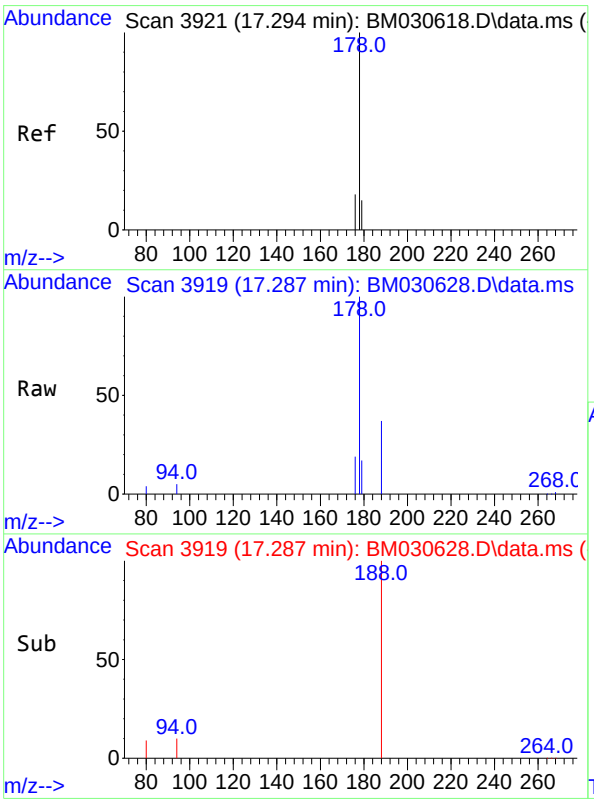


#15
Phenanthrene
Concen: 0.729 ng/ul
RT: 17.197 min Scan# 3893
Delta R.T. -0.007 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

Tgt Ion:178 Resp: 46790

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.5	15.5	23.3

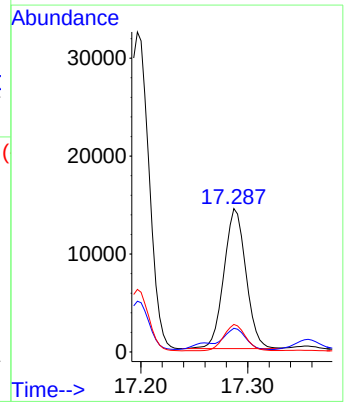




#16
Anthracene
Concen: 0.363 ng/ul
RT: 17.287 min Scan# 3919
Delta R.T. -0.010 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

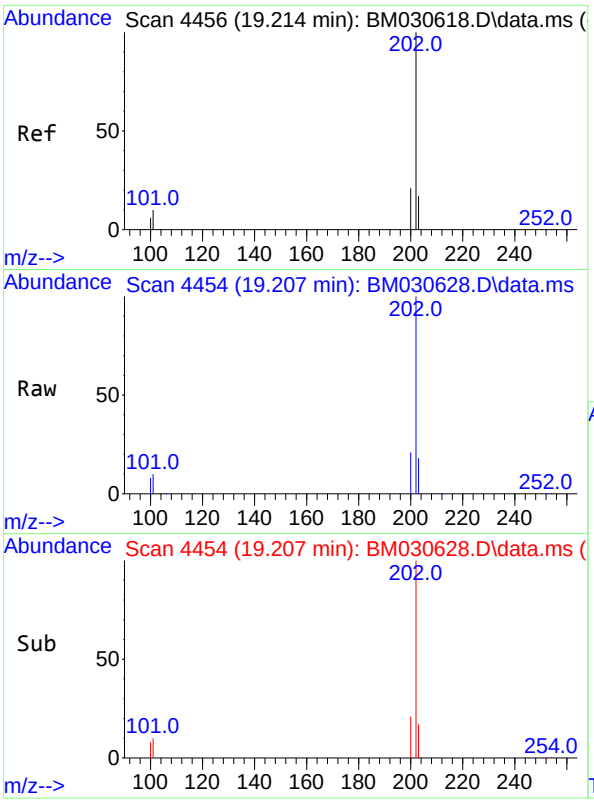
Tgt Ion:178 Resp: 20437

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.7	19.1
176	19.2	15.2	22.8



Instrument :
BNA_M
ClientSampleId :
BGDA0

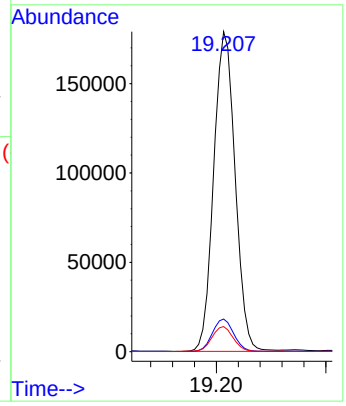
Manual Integrations APPROVED
mohammad
6/28/2021 1:22:23 PM



#19
Fluoranthene
Concen: 3.962 ng/ul
RT: 19.207 min Scan# 4454
Delta R.T. -0.008 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

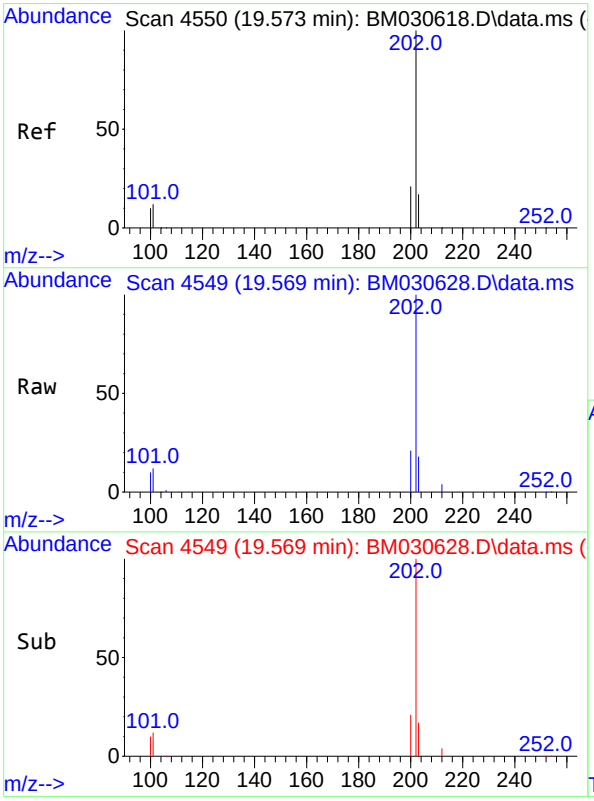
Tgt Ion:202 Resp: 242753

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.8	13.2
100	7.8	6.9	10.3



Instrument :
BNA_M
ClientSampleId :
BGDA0

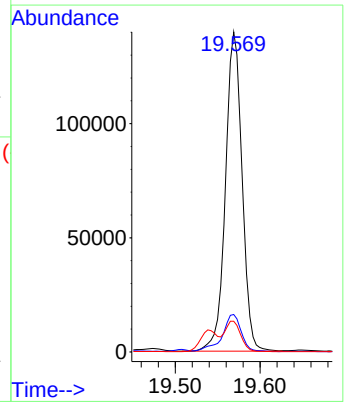
Manual Integrations APPROVED
mohammad
6/28/2021 1:22:23 PM

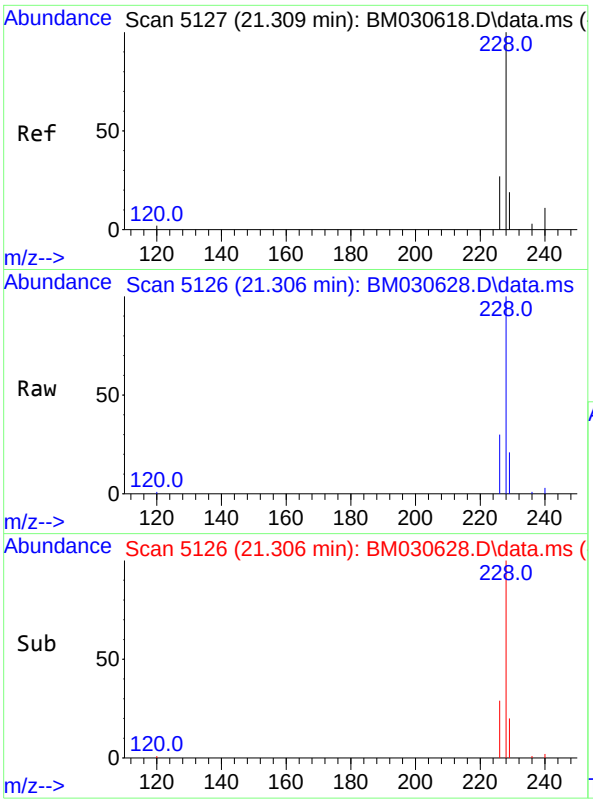


#20
Pyrene
Concen: 3.040 ng/ul
RT: 19.569 min Scan# 4549
Delta R.T. -0.008 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

Tgt Ion:202 Resp: 190781

Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.1	15.1
100	9.6	8.2	12.2

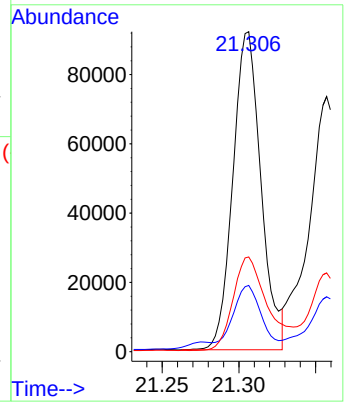


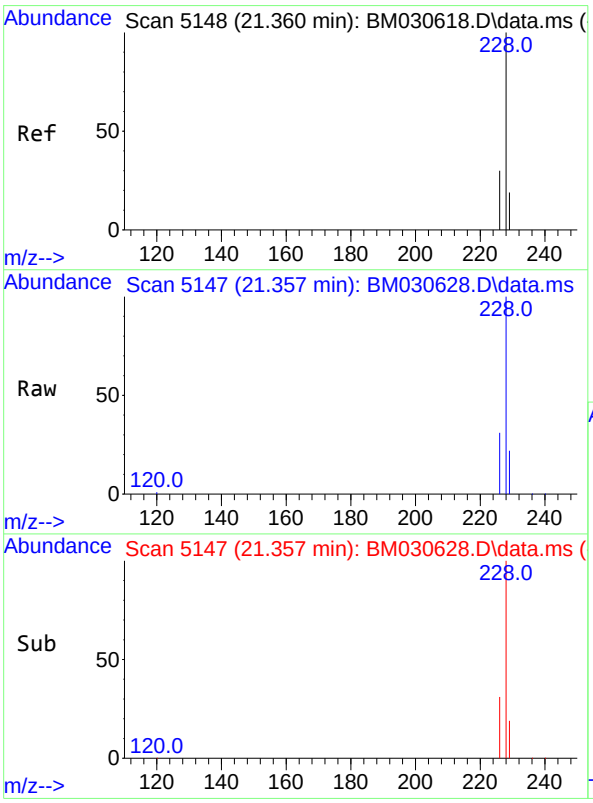


#21
Benzo(a)anthracene
Concen: 2.211 ng/ul
RT: 21.306 min Scan# 5126
Delta R.T. -0.007 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

Tgt Ion:228 Resp: 117062

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.6
226	29.6	22.2	33.4

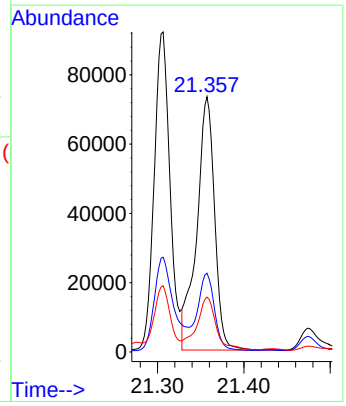




#22
Chrysene
Concen: 1.799 ng/ul
RT: 21.357 min Scan# 5147
Delta R.T. -0.007 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

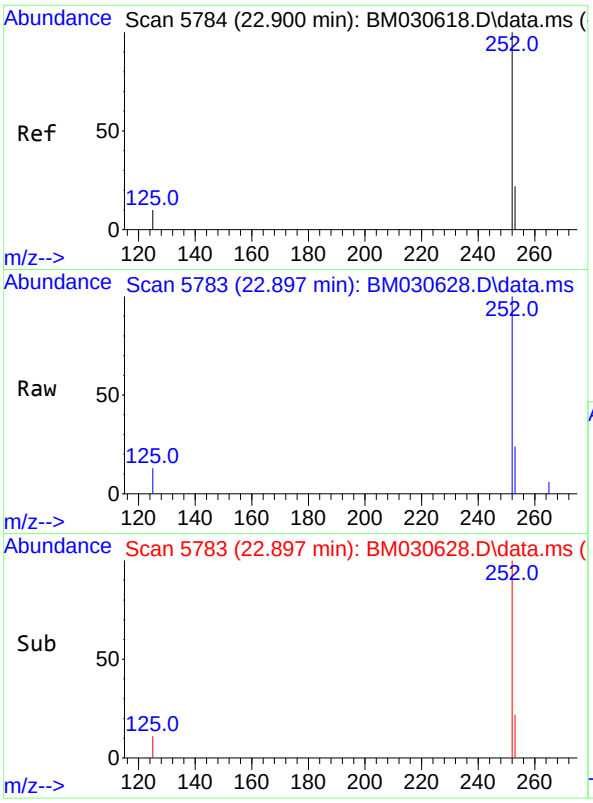
Tgt Ion:228 Resp: 105743

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	21.5	15.4	23.0



Instrument :
BNA_M
ClientSampleId :
BGDA0

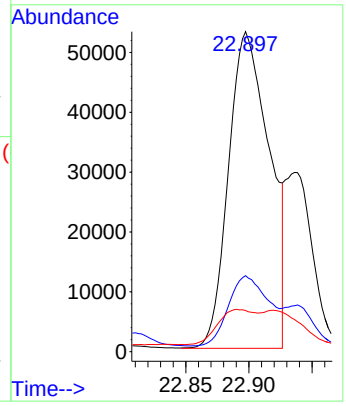
Manual Integrations APPROVED
mohammad
6/28/2021 1:22:23 PM



#24
Benzo(b)fluoranthene
Concen: 2.144 ng/ul m
RT: 22.897 min Scan# 5783
Delta R.T. -0.010 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

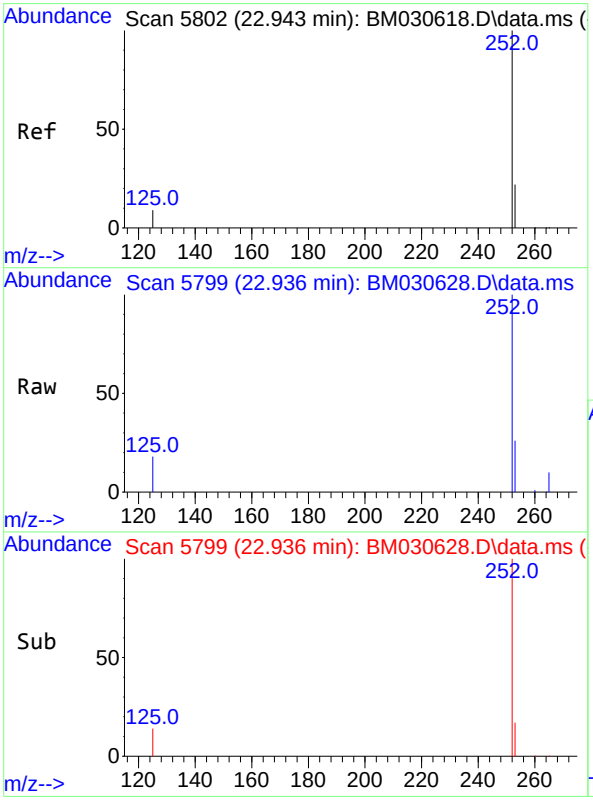
Tgt Ion:252 Resp: 119162

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	50.2
125	12.9	0.0	27.8



Instrument :
BNA_M
ClientSampleId :
BGDA0

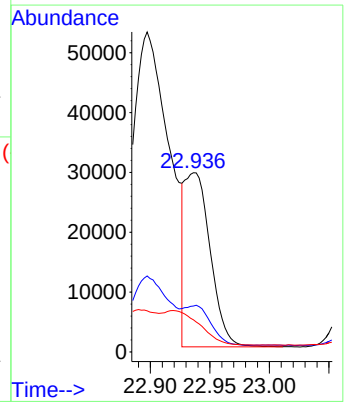
Manual Integrations APPROVED
mohammad
6/28/2021 1:22:23 PM

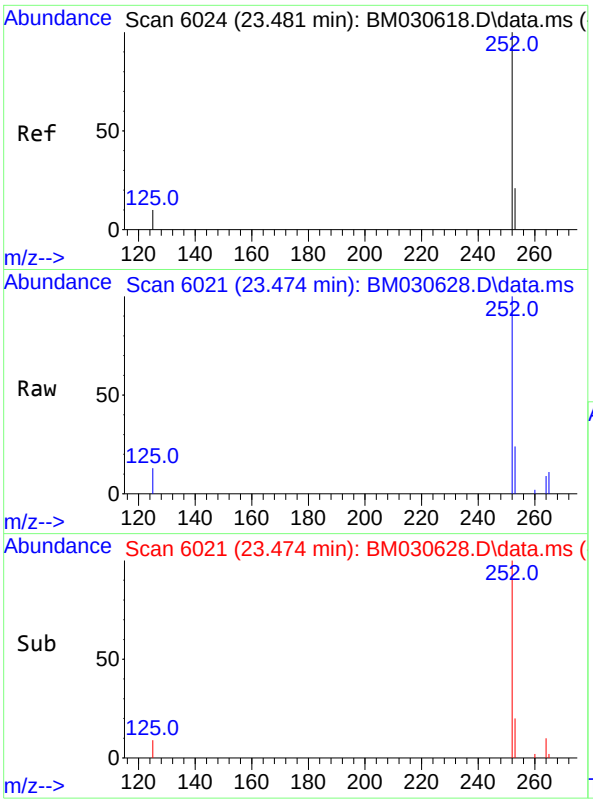


#25
Benzo(k)fluoranthene
Concen: 0.745 ng/ul m
RT: 22.936 min Scan# 5799
Delta R.T. -0.017 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

Tgt Ion:252 Resp: 43411

Ion	Ratio	Lower	Upper
252	100		
253	25.6	20.6	31.0
125	17.9	11.0	16.4#

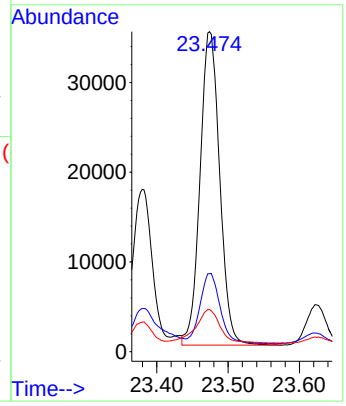




#26
Benzo(a)pyrene
Concen: 1.354 ng/ul
RT: 23.474 min Scan# 6021
Delta R.T. -0.014 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

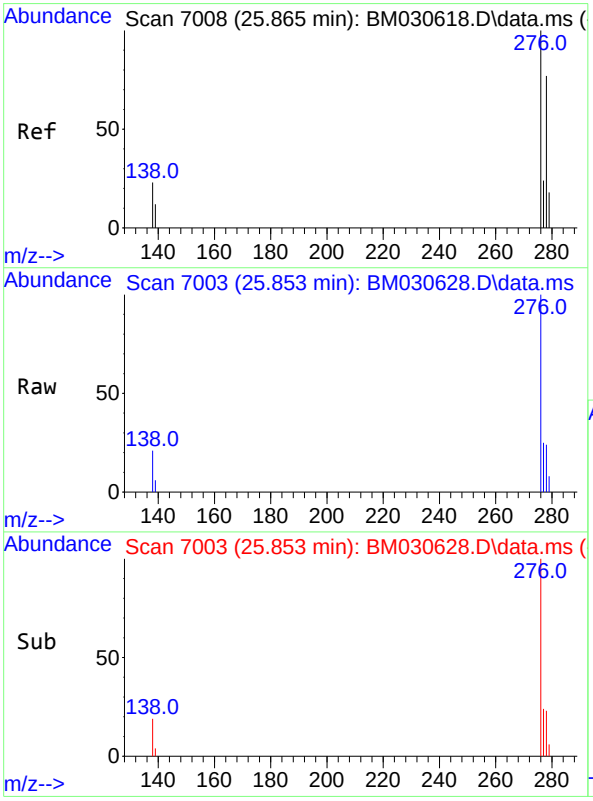
Tgt Ion:252 Resp: 66786

Ion	Ratio	Lower	Upper
252	100		
253	24.4	22.0	33.0
125	13.1	13.4	20.2#



Instrument :
BNA_M
ClientSampleId :
BGDA0

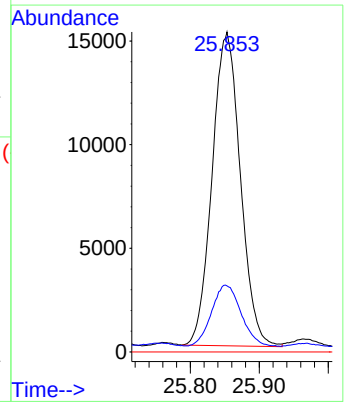
Manual Integrations APPROVED
mohammad
6/28/2021 1:22:23 PM

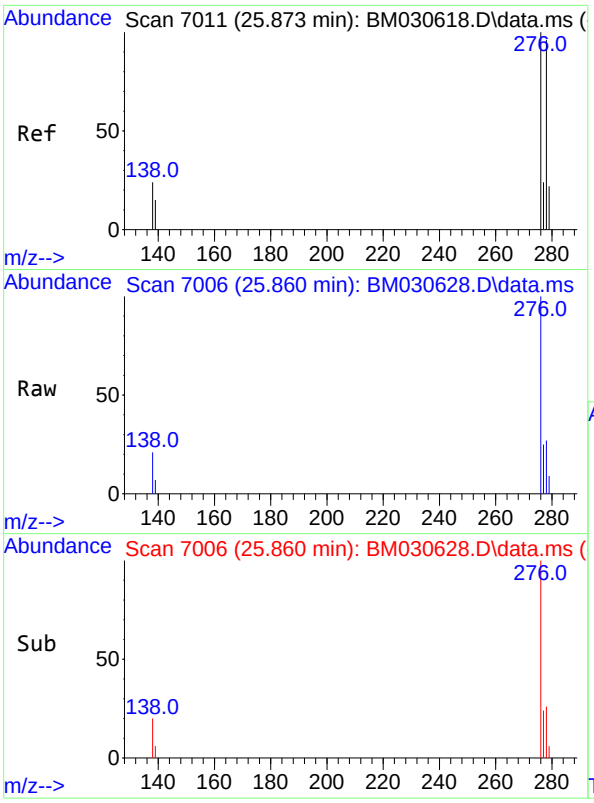


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.686 ng/ul
RT: 25.853 min Scan# 7003
Delta R.T. -0.019 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

Tgt Ion:276 Resp: 43047

Ion	Ratio	Lower	Upper
276	100		
138	20.5	19.1	28.7
227	0.0	0.0	0.0

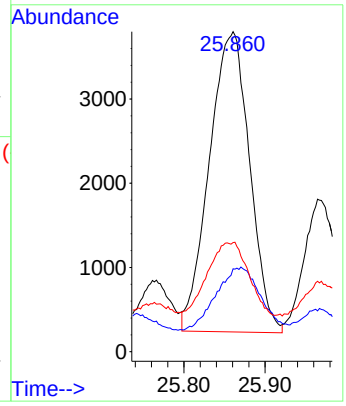




#28
Dibenzo(a,h)anthracene
Concen: 0.246 ng/ul
RT: 25.860 min Scan# 7006
Delta R.T. -0.027 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

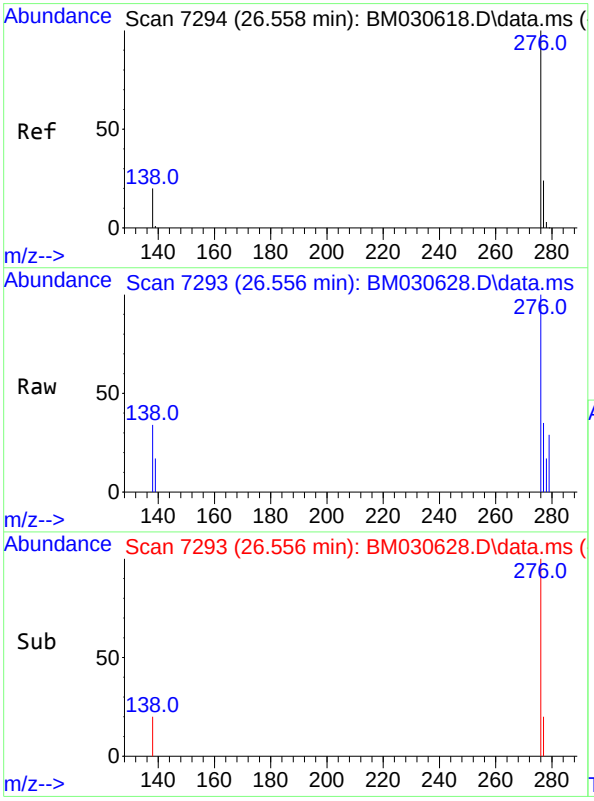
Tgt Ion:278 Resp: 12305

Ion	Ratio	Lower	Upper
278	100		
139	25.9	14.2	21.4#
279	34.1	21.6	32.4#



Instrument :
BNA_M
ClientSampleId :
BGDA0

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:23 PM



#29
Benzo(g,h,i)perylene
Concen: 0.074 ng/ul
RT: 26.556 min Scan# 7293
Delta R.T. -0.012 min
Lab File: BM030628.D
Acq: 26 Jun 2021 08:29

Tgt Ion:276 Resp: 4030

Ion	Ratio	Lower	Upper
276	100		
138	34.0	18.0	27.0#
277	34.9	19.5	29.3#