Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038116.D
Acq On : 19 Dec 2022 23:25
Operator : CG/JU
Sample : N5925-24DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBYG6DL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 20 00:13:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5288	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	16496	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	9061	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	17952	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	12483	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	11809	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	5920	0.819	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	1418	0.059	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	2699	0.060	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.917	128	2693	0.054	ng/ul#	93
10) Acenaphthylene	14.398	152	2975	0.063	ng/ul	93
12) Fluorene	15.721	166	876	0.022	ng/ul#	97
15) Phenanthrene	17.455	178	17322	0.287	ng/ul	99
16) Anthracene	17.544	178	3921	0.070	ng/ul#	90
19) Fluoranthene	19.459	202	37236	0.578	ng/ul	96
20) Pyrene	19.822	202	27121m	0.412	ng/ul	
21) Benzo(a)anthracene	21.562	228	15545	0.288	ng/ul	98
22) Chrysene	21.618	228	15921	0.293	ng/ul	97
24) Benzo(b)fluoranthene	23.281	252	21328	0.381	ng/ul	97
25) Benzo(k)fluoranthene	23.328	252	7292m	0.135	ng/ul	
26) Benzo(a)pyrene	23.918	252	11812	0.250	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.592	276	9028	0.152	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.599	278	2454	0.053	ng/ul#	45
29) Benzo(g,h,i)perylene	27.384	276	6097	0.121	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038116.D
Acq On : 19 Dec 2022 23:25
Operator : CG/JU
Sample : N5925-24DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 20 00:13:46 2022
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ClientSampleId :
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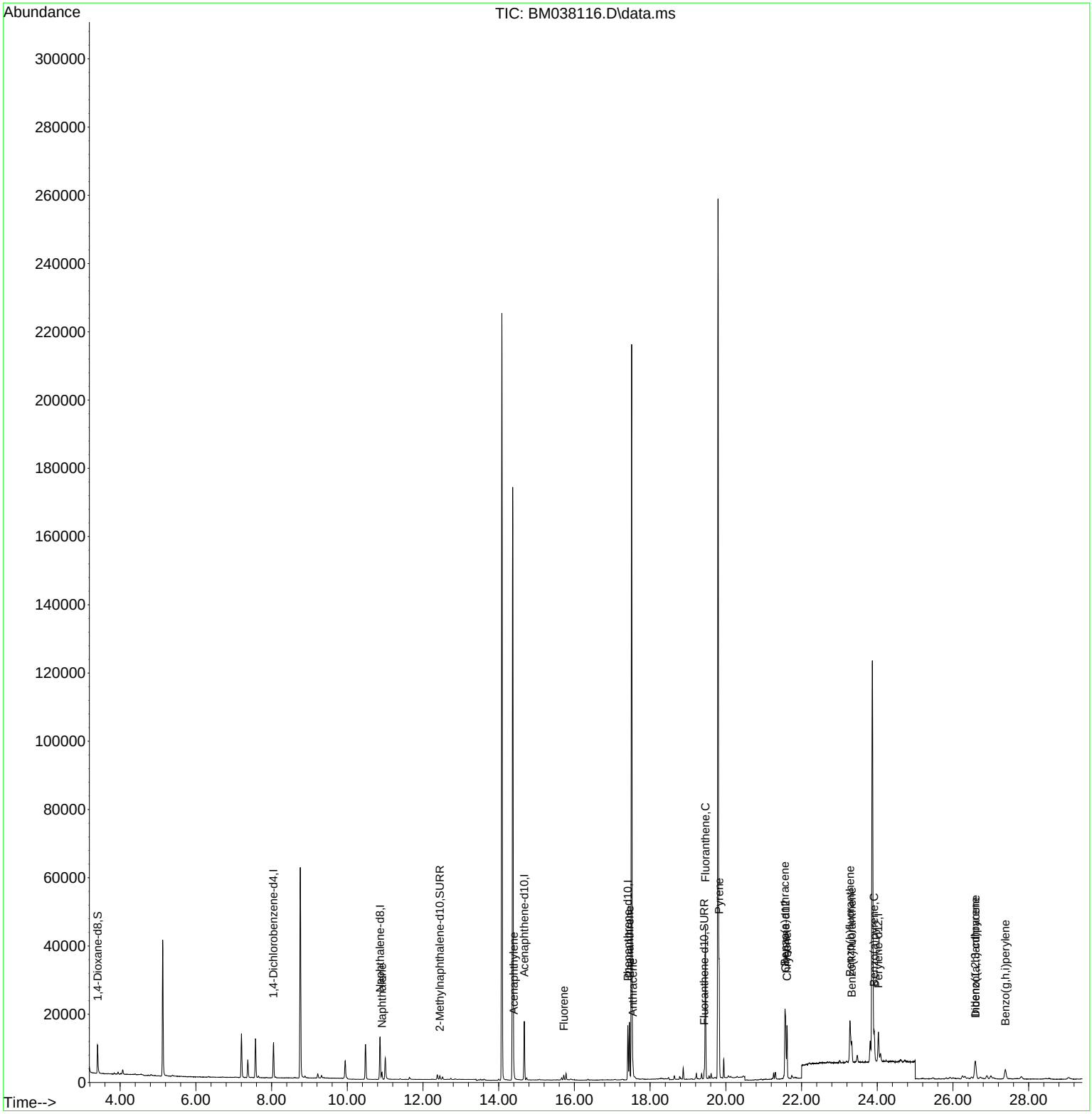

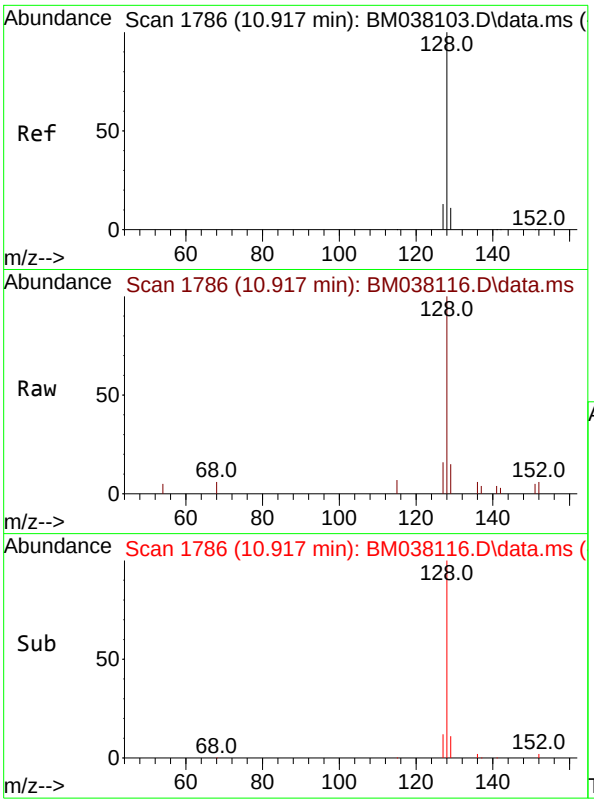

#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.917 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038116.D
Acq: 19 Dec 2022 23:25

Tgt Ion:128 Resp: 269

Ion	Ratio	Lower	Upper
128	100		
129	14.7	9.1	13.7#
127	15.5	10.4	15.6

Instrument :
BNA_M
ClientSampleId :
DBYG6DL

Manual Integrations
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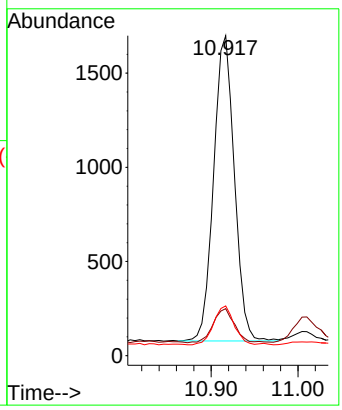
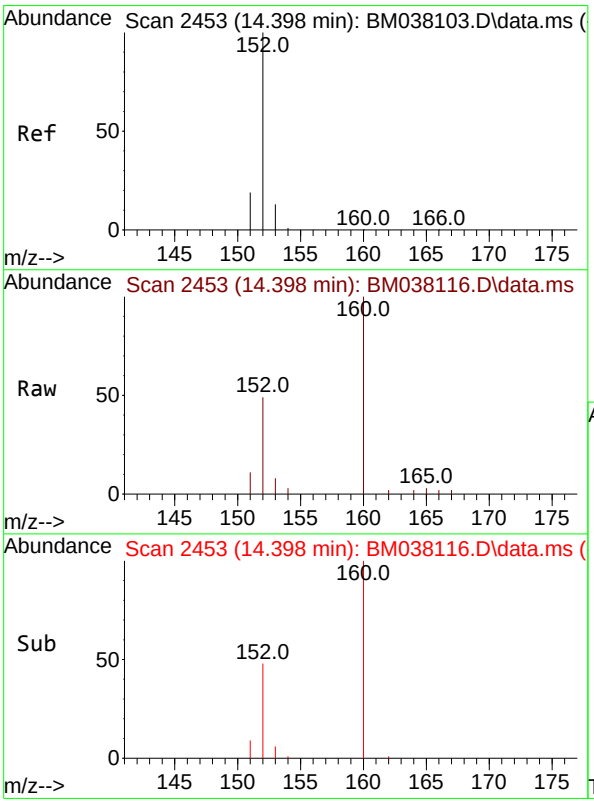
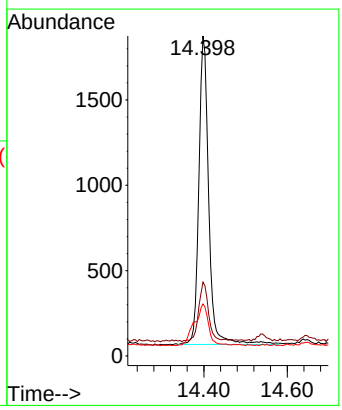


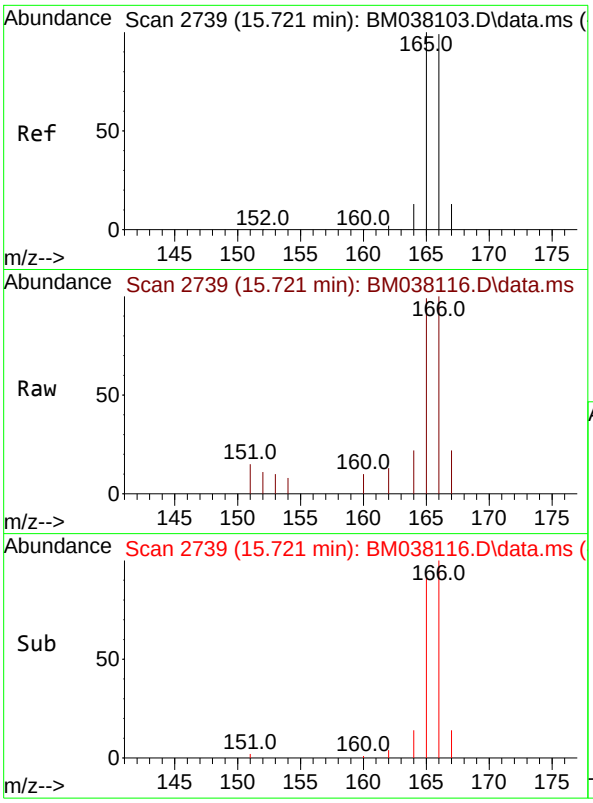


#10
Acenaphthylene
Concen: 0.063 ng/ul
RT: 14.398 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM038116.D
Acq: 19 Dec 2022 23:25

Tgt Ion:152 Resp: 2975

Ion	Ratio	Lower	Upper
152	100		
151	23.0	15.5	23.3
153	16.3	11.0	16.4

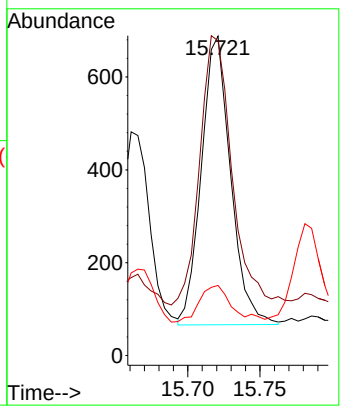




#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.721 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038116.D
Acq: 19 Dec 2022 23:25

Tgt Ion:166 Resp: 87

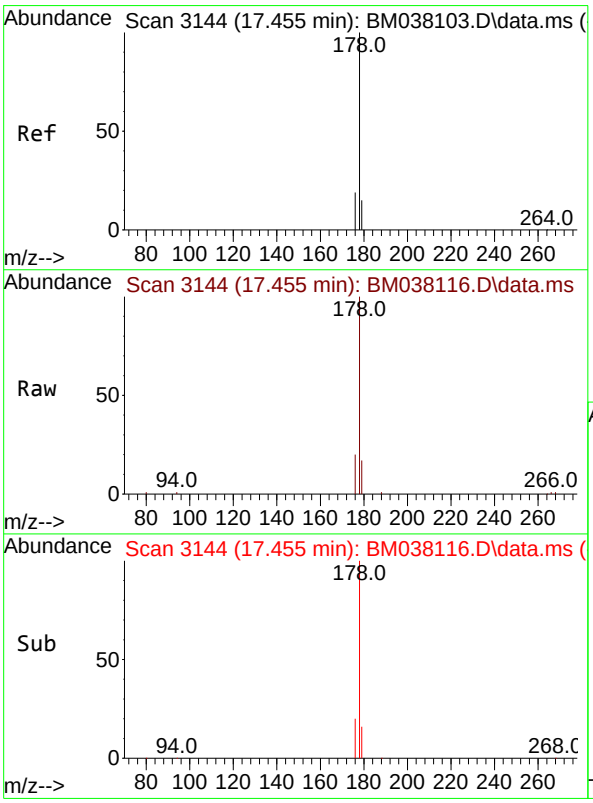
Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.0	118.4
167	21.9	11.1	16.7



Instrument :
BNA_M
ClientSampleId :
DBYG6DL

Manual Integrations
APPROVED

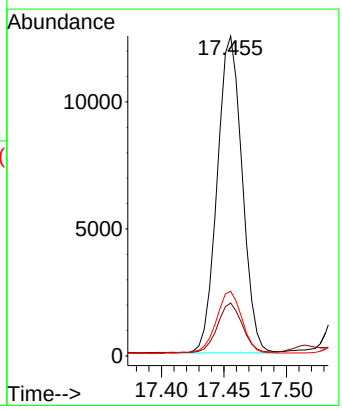
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

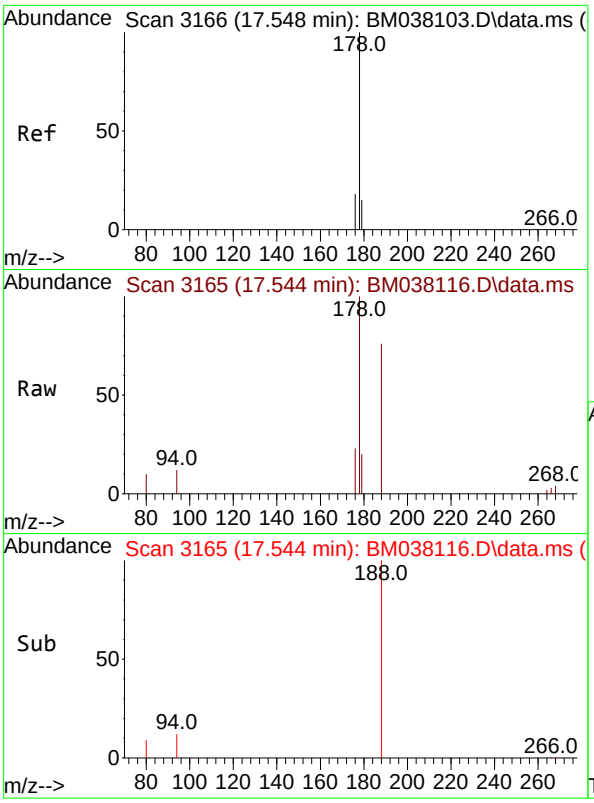


#15
Phenanthrene
Concen: 0.287 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038116.D
Acq: 19 Dec 2022 23:25

Tgt Ion:178 Resp: 17322

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.6	19.0
176	20.2	15.8	23.6

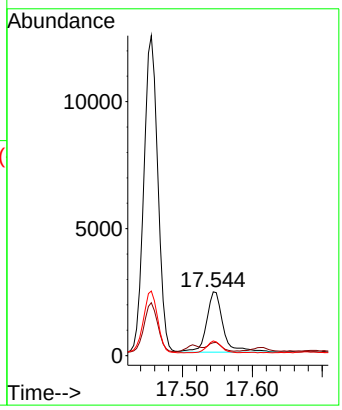




#16
Anthracene
Concen: 0.070 ng/ul
RT: 17.544 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM038116.D
Acq: 19 Dec 2022 23:25

Tgt Ion:178 Resp: 392

Ion	Ratio	Lower	Upper
178	100		
179	20.4	13.0	19.4#
176	23.0	15.0	22.4#



Instrument :
BNA_M
ClientSampleId :
DBYG6DL

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/20/2022
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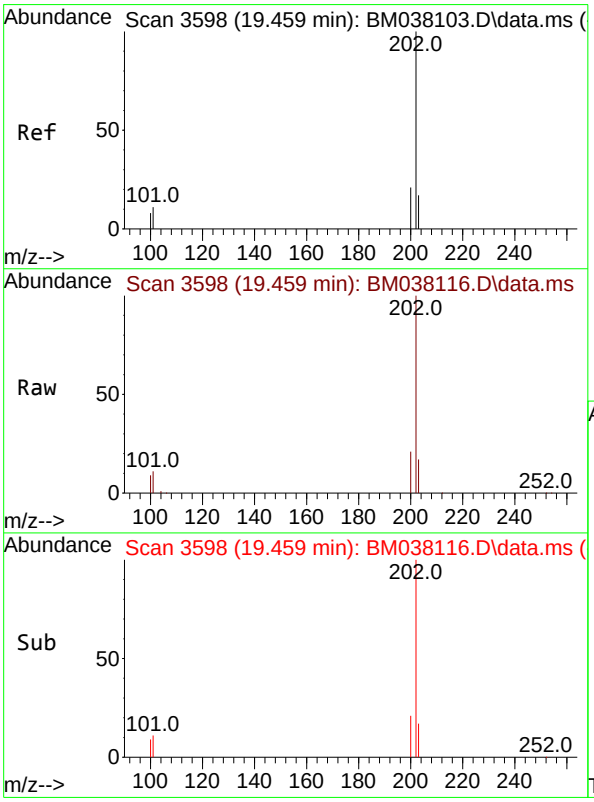
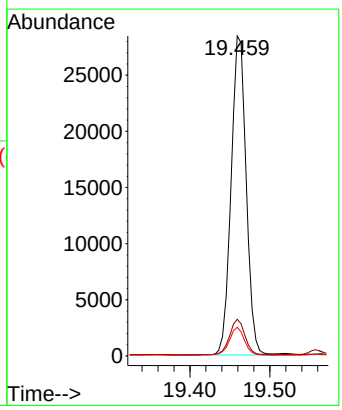
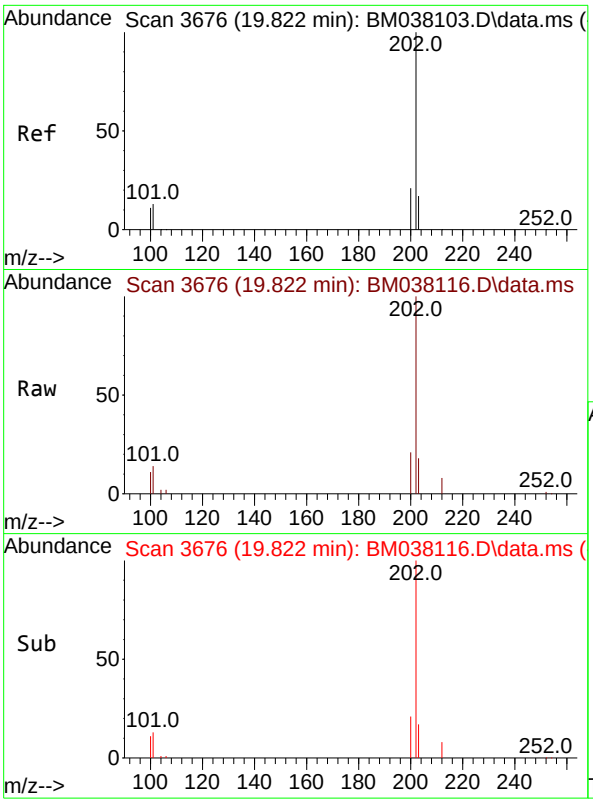


#19
Fluoranthene
Concen: 0.578 ng/ul
RT: 19.459 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM038116.D
Acq: 19 Dec 2022 23:25

Tgt Ion:202 Resp: 37236

Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.6	15.8
100	8.9	7.9	11.9

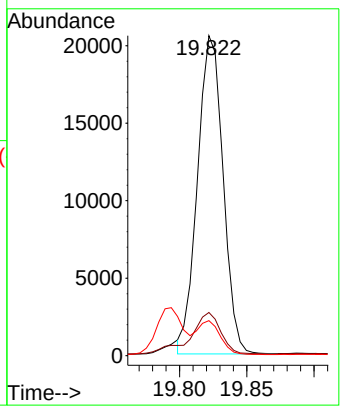




#20
Pyrene
Concen: 0.412 ng/ul m
RT: 19.822 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038116.D
Acq: 19 Dec 2022 23:25

Tgt Ion:202 Resp: 2712

Ion	Ratio	Lower	Upper
202	100		
101	13.5	12.1	18.1
100	11.0	9.8	14.6



Instrument :
BNA_M
ClientSampleId :
DBYG6DL

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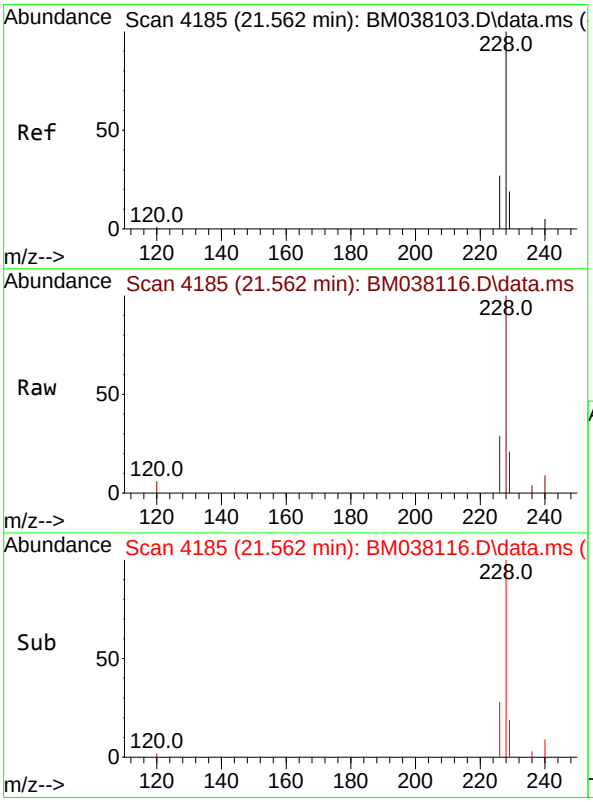
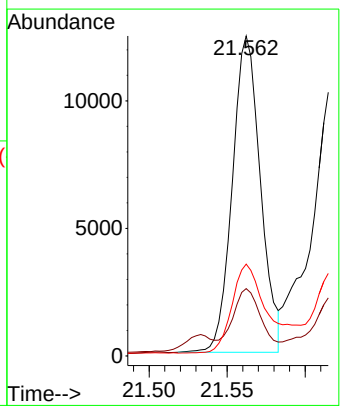
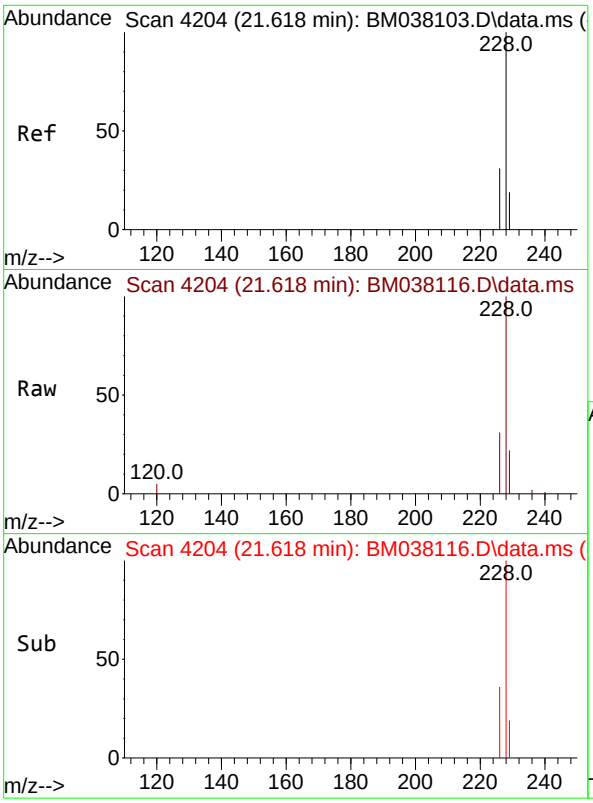


#21
Benzo(a)anthracene
Concen: 0.288 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038116.D
Acq: 19 Dec 2022 23:25

Tgt Ion:228 Resp: 15545

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	28.7	22.1	33.1

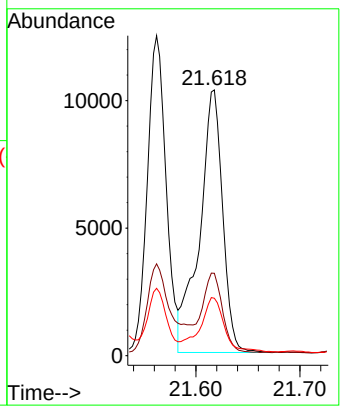




#22
Chrysene
Concen: 0.293 ng/ul
RT: 21.618 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038116.D
Acq: 19 Dec 2022 23:25

Tgt Ion:228 Resp: 1592

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	21.6	15.7	23.5



Instrument :
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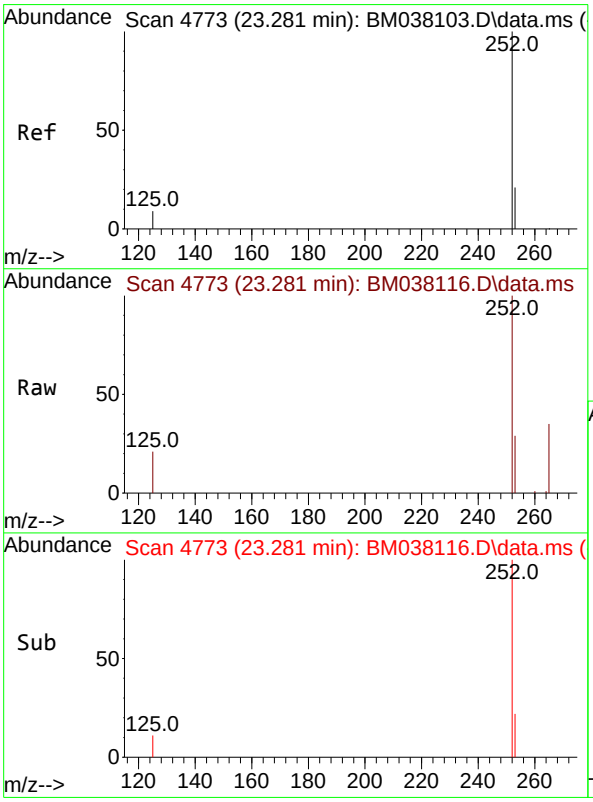
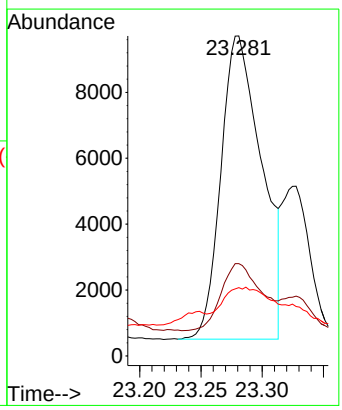
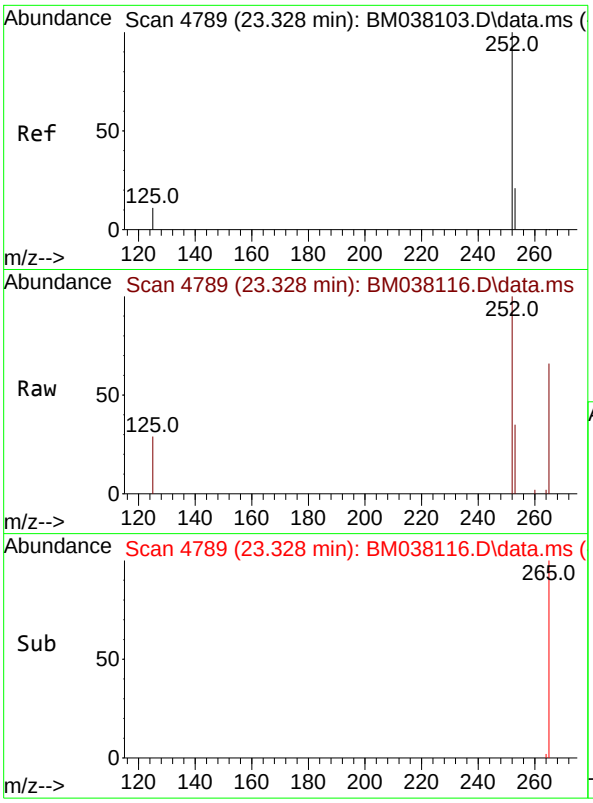


#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM038116.D
Acq: 19 Dec 2022 23:25

Tgt Ion:252 Resp: 21328

Ion	Ratio	Lower	Upper
252	100		
253	28.9	0.0	51.8
125	21.4	0.0	42.2

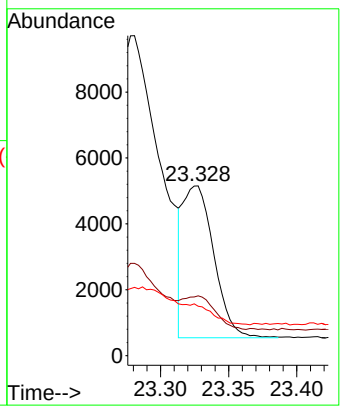




#25
Benzo(k)fluoranthene
Concen: 0.135 ng/ul m
RT: 23.328 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038116.D
Acq: 19 Dec 2022 23:25

Tgt Ion:252 Resp: 729

Ion	Ratio	Lower	Upper
252	100		
253	35.2	20.8	31.2#
125	29.2	17.1	25.7#



Instrument :
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ClientSampleId :
DBYG6DL

Manual Integrations
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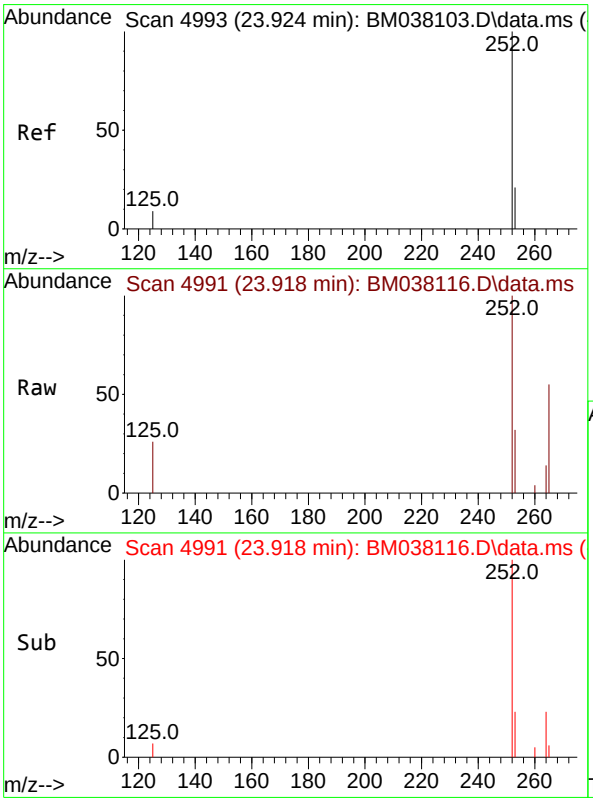
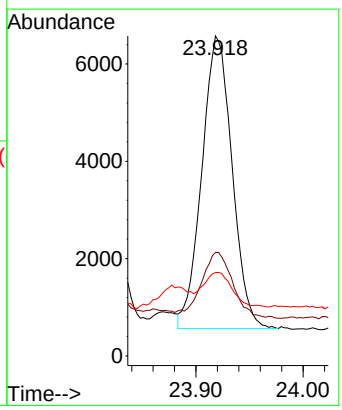
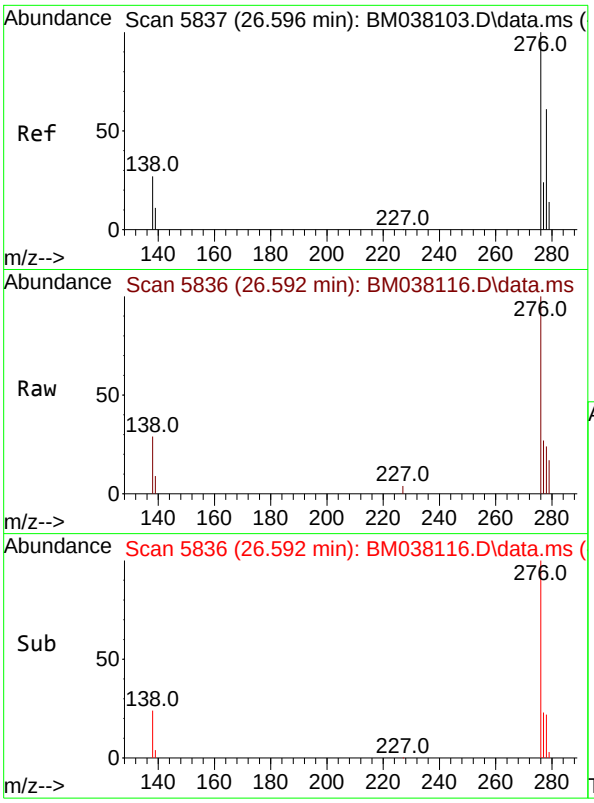


#26
Benzo(a)pyrene
Concen: 0.250 ng/ul
RT: 23.918 min Scan# 4991
Delta R.T. -0.006 min
Lab File: BM038116.D
Acq: 19 Dec 2022 23:25

Tgt Ion:252 Resp: 11812

Ion	Ratio	Lower	Upper
252	100		
253	32.4	21.9	32.9
125	26.1	20.7	31.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.152 ng/ul
RT: 26.592 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM038116.D
Acq: 19 Dec 2022 23:25

Tgt Ion:276 Resp: 902

Ion	Ratio	Lower	Upper
276	100		
138	25.5	26.6	40.0#
227	0.1	0.1	0.1#

Instrument :
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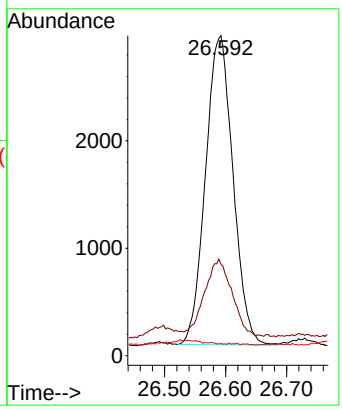
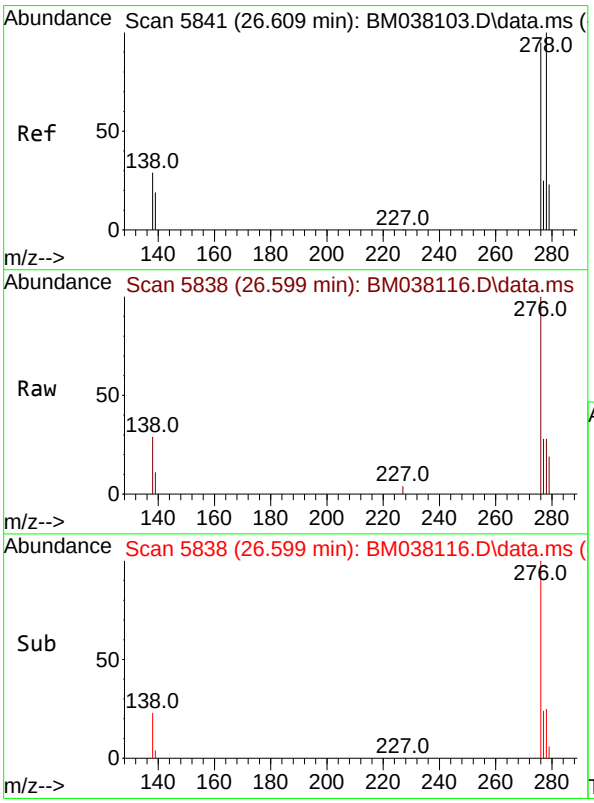
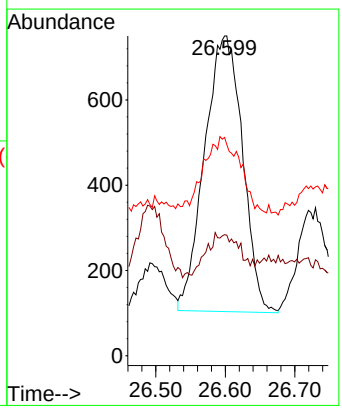


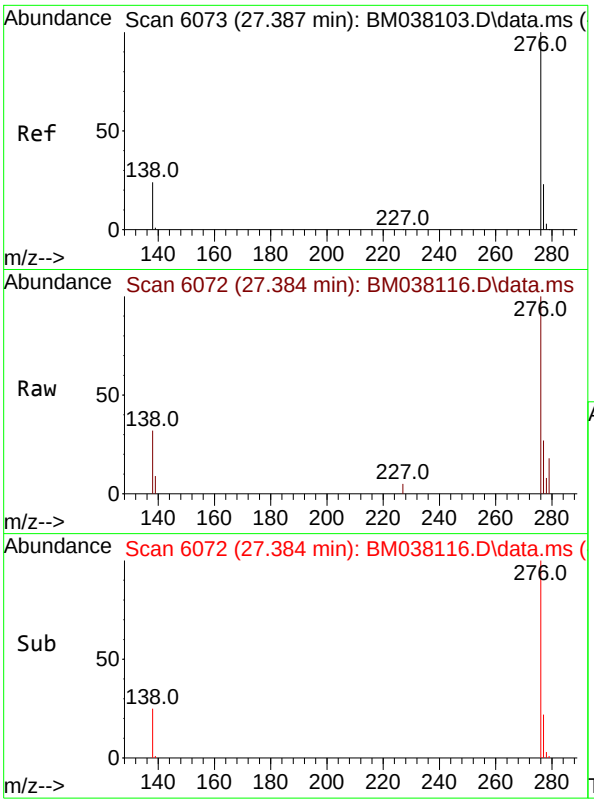


#28
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 26.599 min Scan# 5838
Delta R.T. -0.017 min
Lab File: BM038116.D
Acq: 19 Dec 2022 23:25

Tgt Ion:278 Resp: 2454

Ion	Ratio	Lower	Upper
278	100		
139	37.9	19.0	28.6#
279	68.3	22.4	33.6#

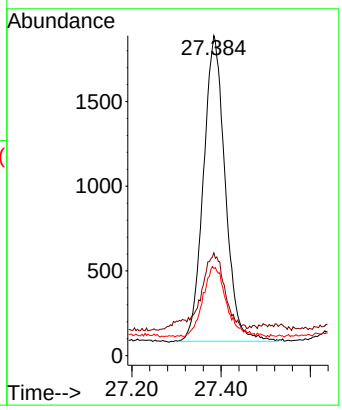




#29
Benzo(g,h,i)perylene
Concen: 0.121 ng/ul
RT: 27.384 min Scan# 6
Delta R.T. -0.010 min
Lab File: BM038116.D
Acq: 19 Dec 2022 23:25

Tgt Ion:276 Resp: 609

Ion	Ratio	Lower	Upper
276	100		
138	32.1	24.1	36.1
277	27.3	19.0	28.6



Instrument :
BNA_M
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