Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015487.D
Acq On : 12 Jul 2021 13:29
Operator : CG/JU
Sample : M2808-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDT5

Manual Integrations APPROVED
mohammad
7/13/2021 1:43:45 PM

Quant Time: Jul 12 14:01:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	3183	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	10770	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	5573	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	11098	0.400	ng/ul	0.00
17) Chrysene-d12	21.389	240	9093	0.400	ng/ul	0.00
23) Perylene-d12	23.748	264	7728	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	4490	1.251	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	1640	0.097	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	3773	0.126	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.644	128	1172	0.034	ng/ul#	84
10) Acenaphthylene	14.164	152	1753	0.061	ng/ul#	91
12) Fluorene	15.496	166	718	0.029	ng/ul#	95
15) Phenanthrene	17.233	178	19120	0.475	ng/ul	100
16) Anthracene	17.326	178	10481	0.295	ng/ul	99
19) Fluoranthene	19.257	202	85825	2.043	ng/ul	99
20) Pyrene	19.620	202	71153	1.688	ng/ul	99
21) Benzo(a)anthracene	21.375	228	49512	1.470	ng/ul	97
22) Chrysene	21.427	228	43857	1.088	ng/ul	98
24) Benzo(b)fluoranthene	23.035	252	47494m	1.316	ng/ul	
25) Benzo(k)fluoranthene	23.076	252	20243m	0.497	ng/ul	
26) Benzo(a)pyrene	23.640	252	34006	1.121	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.169	276	18177	0.496	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.182	278	5036	0.175	ng/ul#	89
29) Benzo(g,h,i)perylene	26.910	276	2908	0.086	ng/ul#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015487.D
Acq On : 12 Jul 2021 13:29
Operator : CG/JU
Sample : M2808-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 12 14:01:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 11:02:52 2021
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Instrument :
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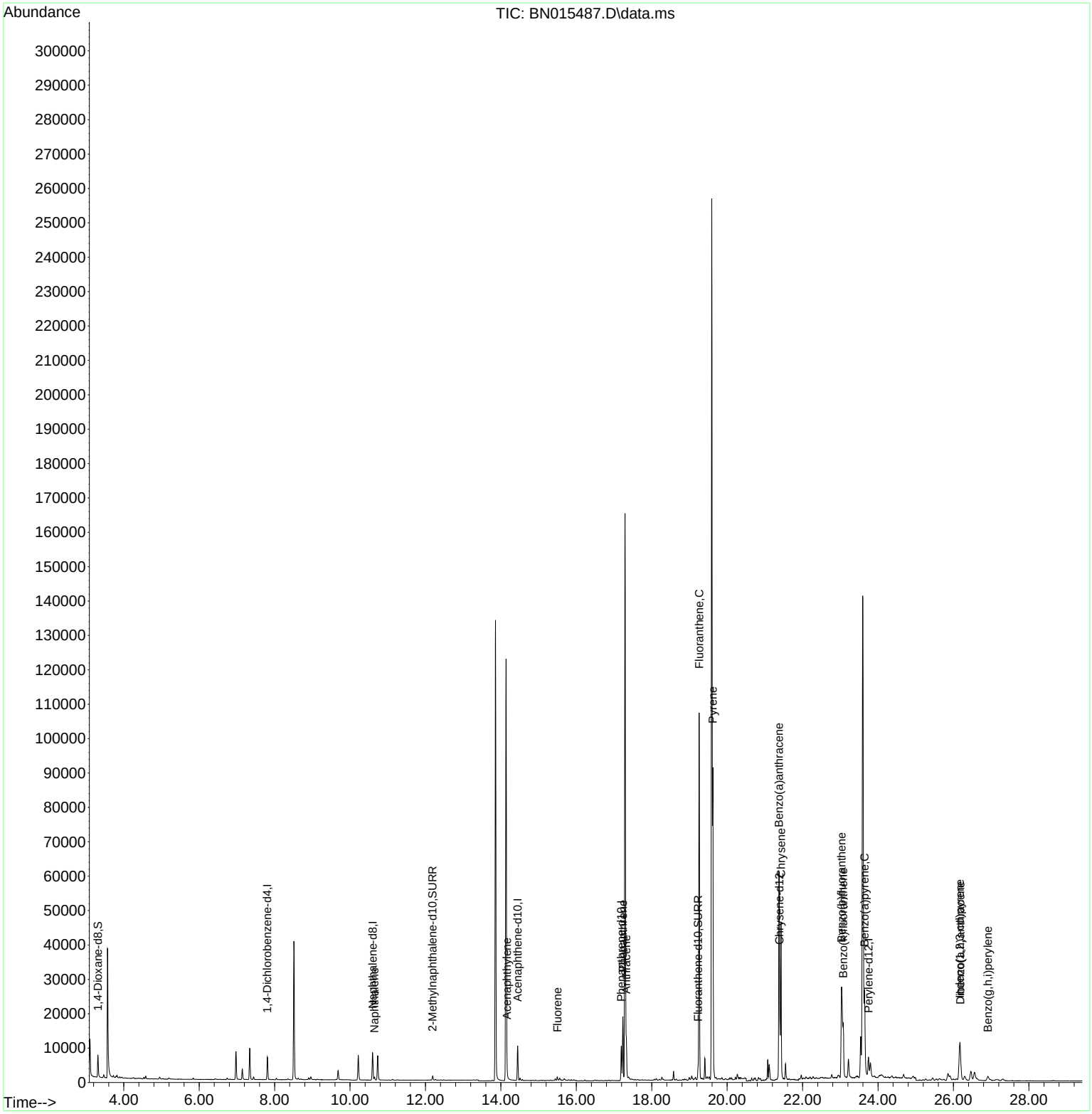
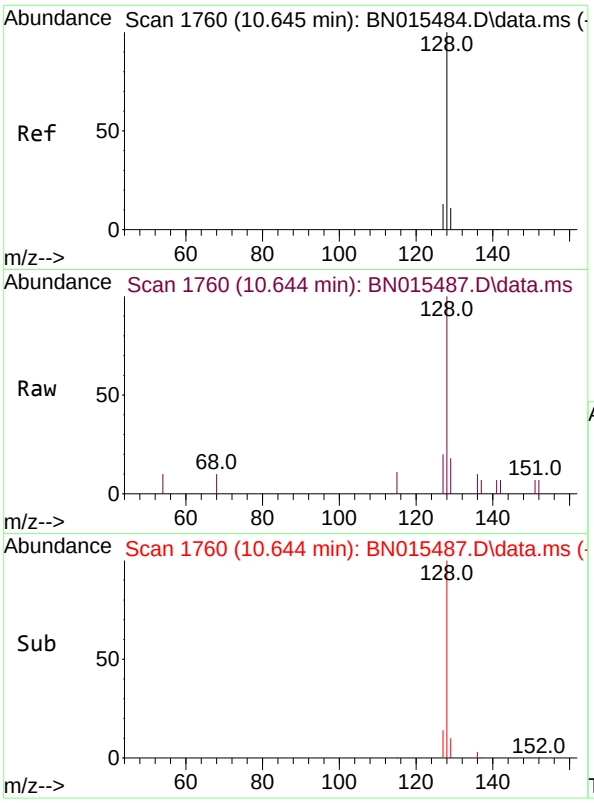
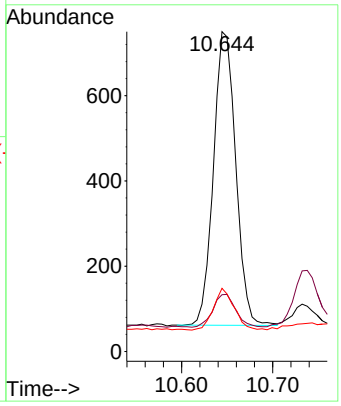




#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015487.D
Acq: 12 Jul 2021 13:29

Tgt Ion:128 Resp: 1172

Ion	Ratio	Lower	Upper
128	100		
129	17.7	9.3	13.9#
127	19.7	10.8	16.2#



Instrument :
BNA_N
ClientSampleId :
BGDT5

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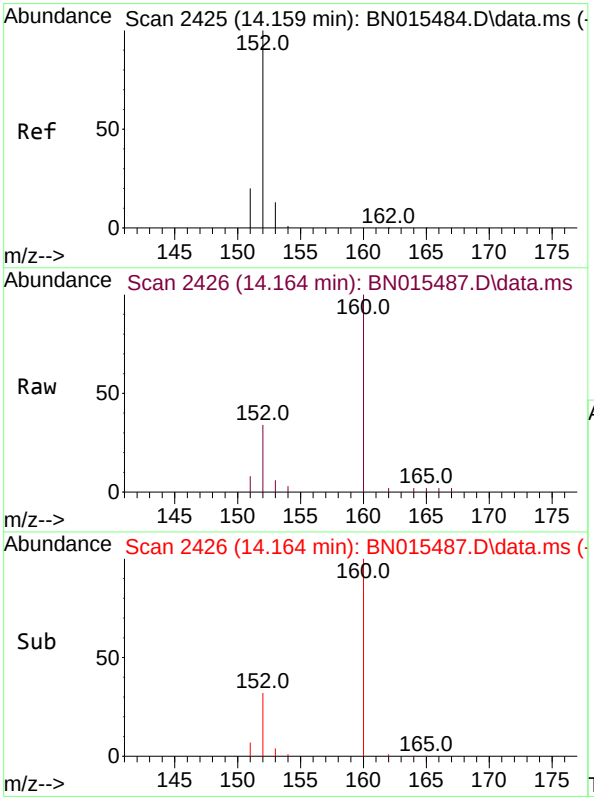
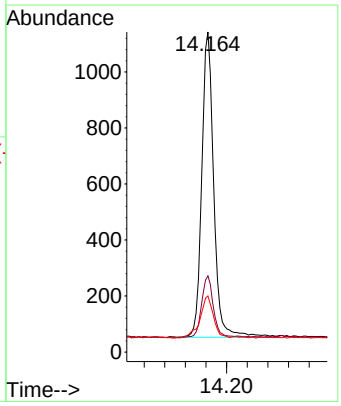
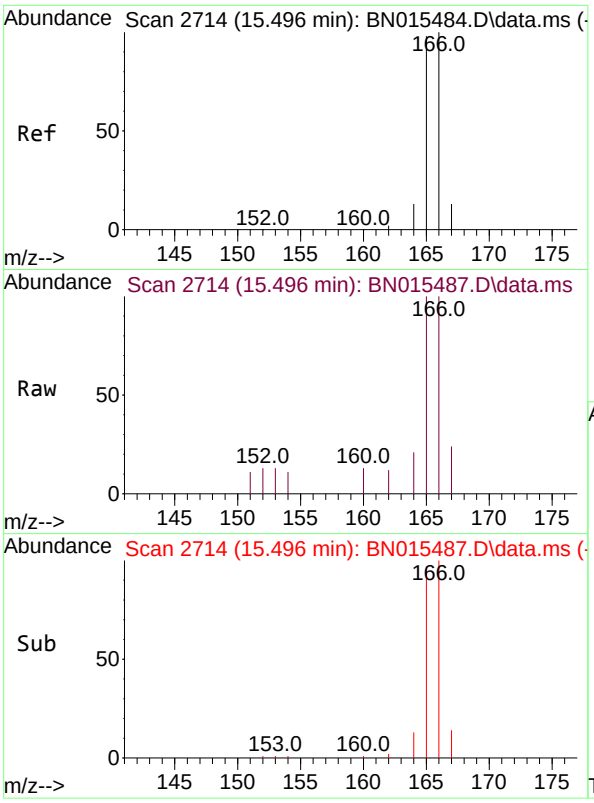


#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 14.164 min Scan# 2426
Delta R.T. 0.004 min
Lab File: BN015487.D
Acq: 12 Jul 2021 13:29

Tgt Ion:152 Resp: 1753

Ion	Ratio	Lower	Upper
152	100		
151	23.8	16.0	24.0
153	17.5	10.9	16.3#

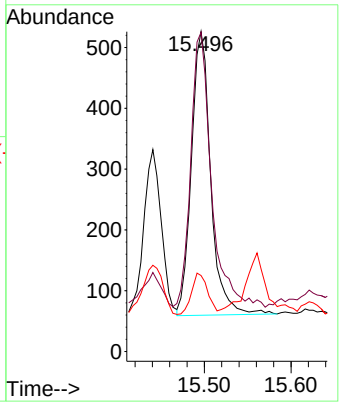




#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.496 min Scan# 2714
Delta R.T. -0.000 min
Lab File: BN015487.D
Acq: 12 Jul 2021 13:29

Tgt Ion:166 Resp: 718

Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.8
167	23.8	11.2	16.8#



Instrument :
BNA_N
ClientSampleId :
BGDT5

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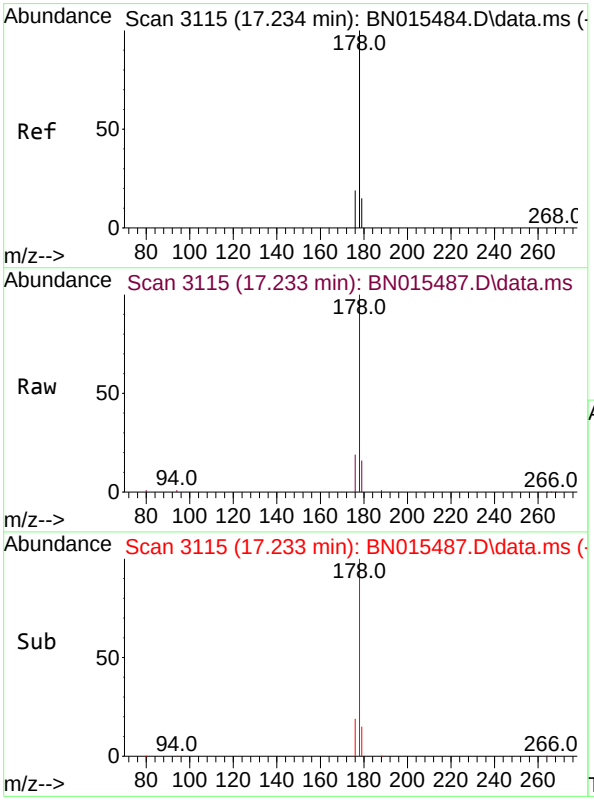
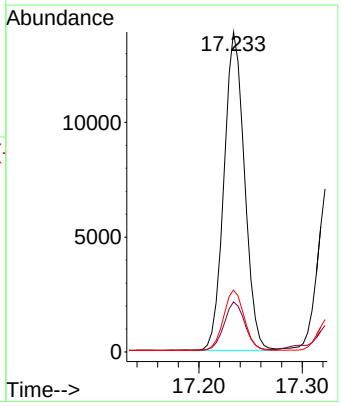
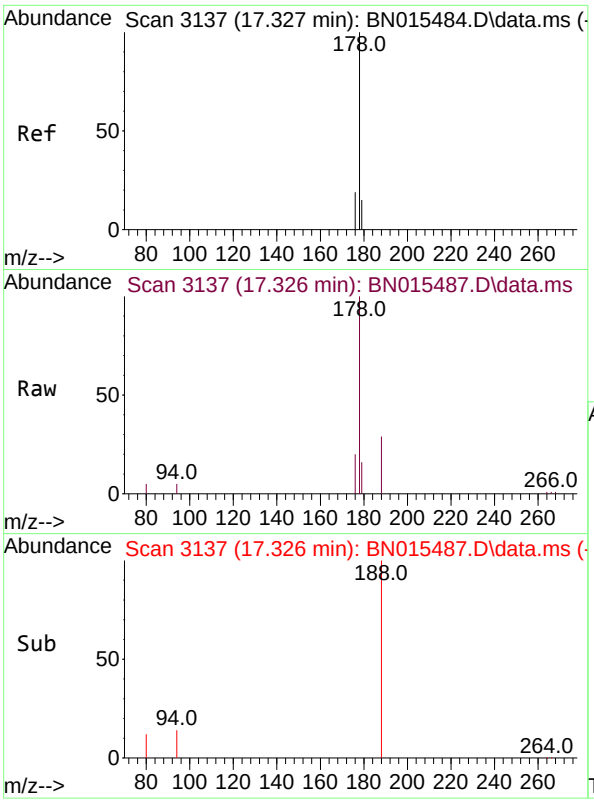


#15
Phenanthrene
Concen: 0.475 ng/ul
RT: 17.233 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015487.D
Acq: 12 Jul 2021 13:29

Tgt Ion:178 Resp: 19120

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.4	15.5	23.3

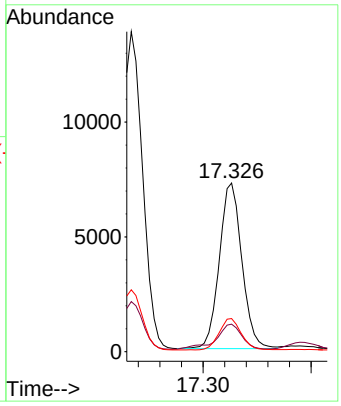




#16
Anthracene
Concen: 0.295 ng/ul
RT: 17.326 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BN015487.D
Acq: 12 Jul 2021 13:29

Tgt Ion:178 Resp: 10481

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	19.6	15.2	22.8



Instrument :
BNA_N
ClientSampleId :
BGDT5

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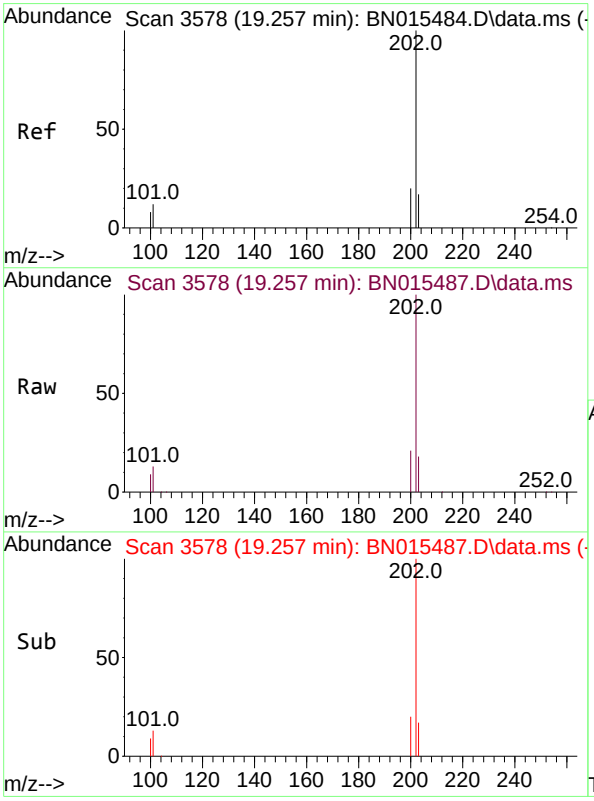
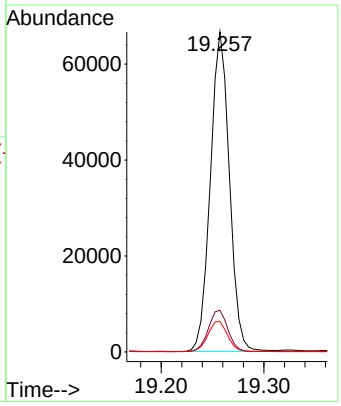
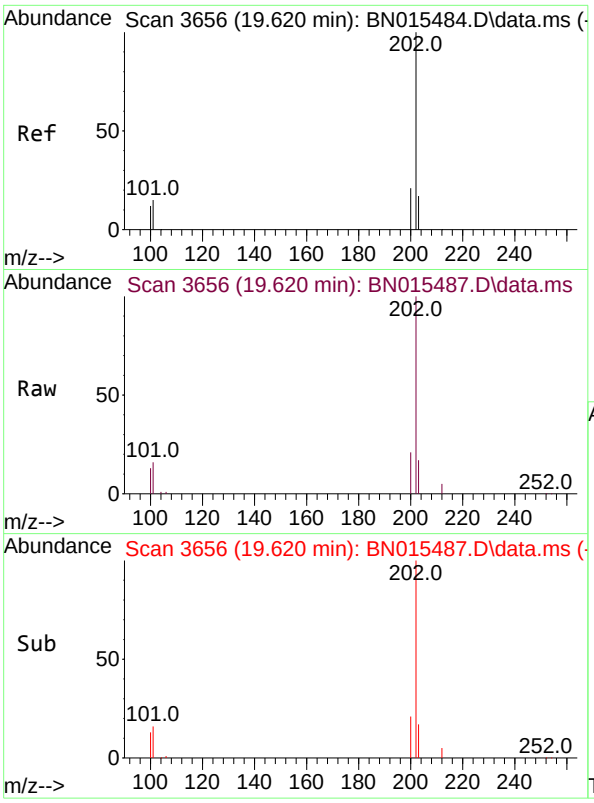


#19
Fluoranthene
Concen: 2.043 ng/ul
RT: 19.257 min Scan# 3578
Delta R.T. -0.000 min
Lab File: BN015487.D
Acq: 12 Jul 2021 13:29

Tgt Ion:202 Resp: 85825

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.1	15.1
100	9.5	7.4	11.0

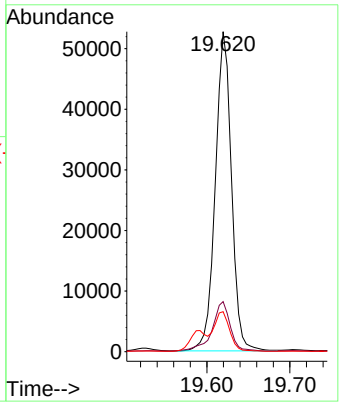




#20
Pyrene
Concen: 1.688 ng/ul
RT: 19.620 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN015487.D
Acq: 12 Jul 2021 13:29

Tgt Ion:202 Resp: 71153

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.0	18.0
100	12.5	9.6	14.4



Instrument :
BNA_N
ClientSampleId :
BGDT5

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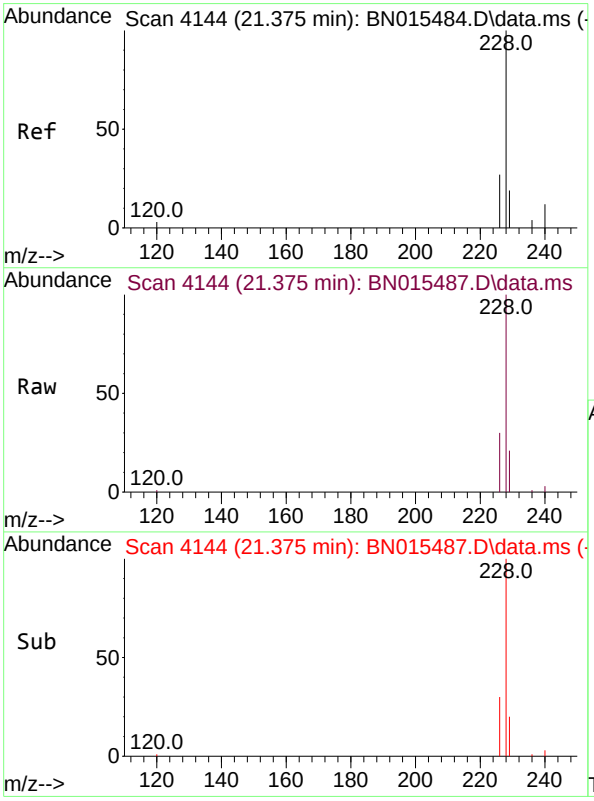
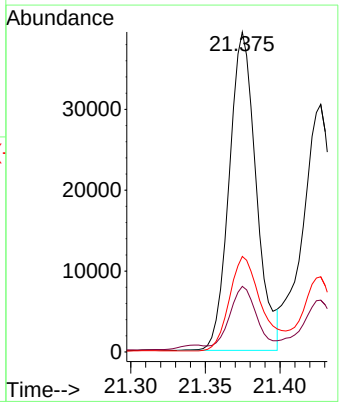
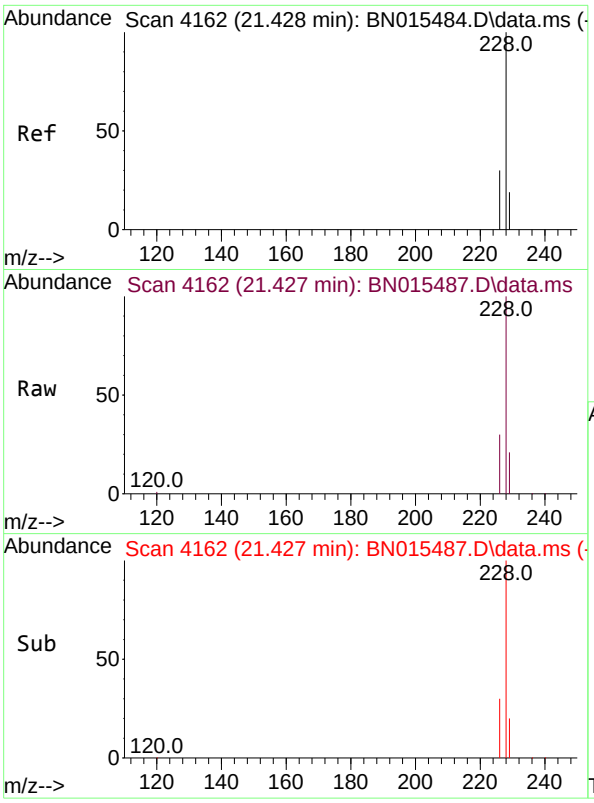


#21
Benzo(a)anthracene
Concen: 1.470 ng/ul
RT: 21.375 min Scan# 4144
Delta R.T. -0.000 min
Lab File: BN015487.D
Acq: 12 Jul 2021 13:29

Tgt Ion:228 Resp: 49512

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	29.8	21.8	32.8

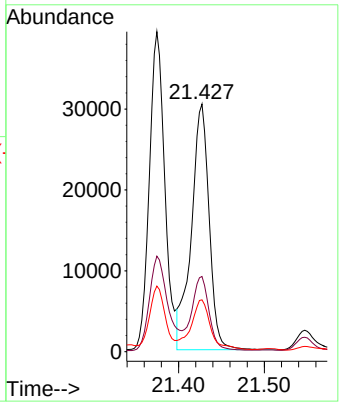




#22
Chrysene
Concen: 1.088 ng/ul
RT: 21.427 min Scan# 4162
Delta R.T. -0.000 min
Lab File: BN015487.D
Acq: 12 Jul 2021 13:29

Tgt Ion:228 Resp: 43857

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	20.9	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
BGDT5

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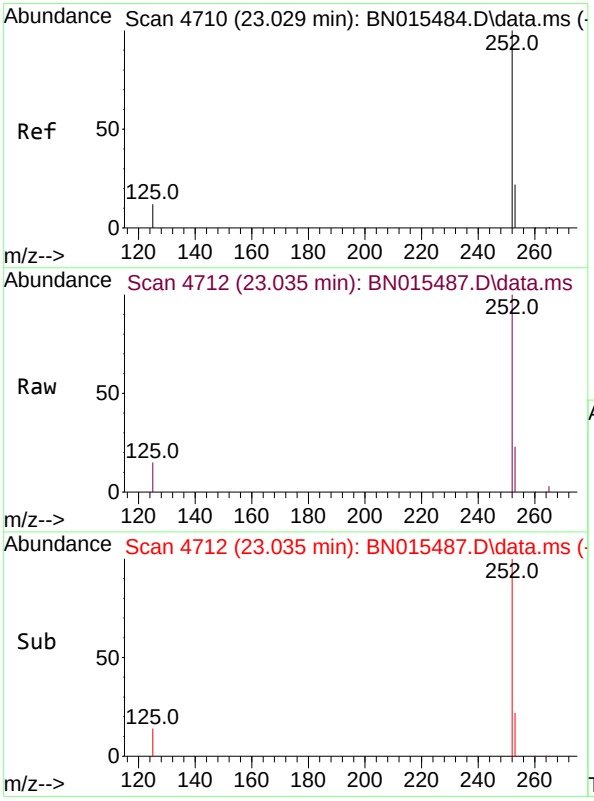
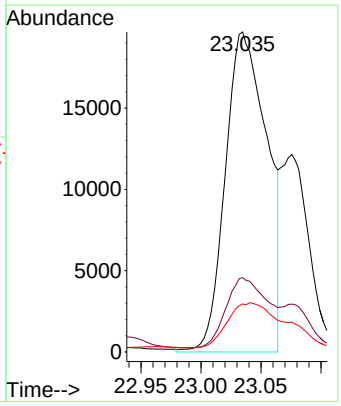
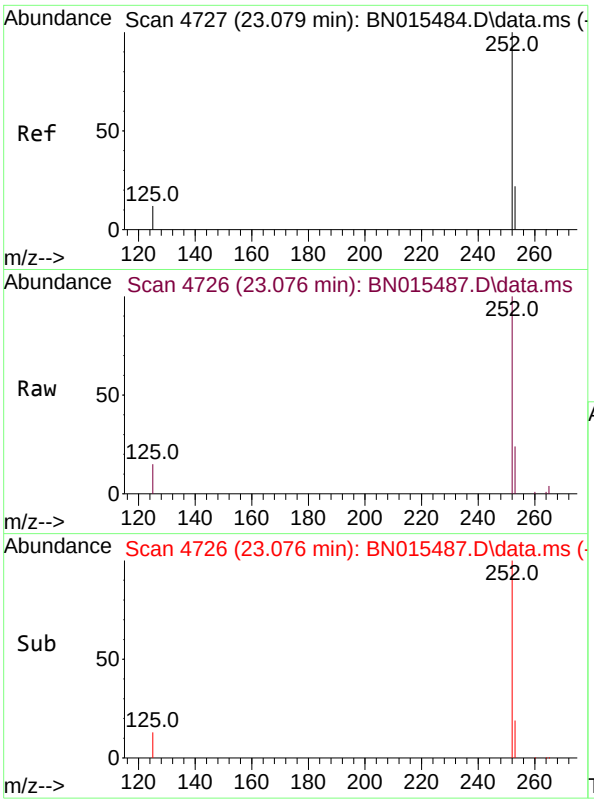


#24
Benzo(b)fluoranthene
Concen: 1.316 ng/ul m
RT: 23.035 min Scan# 4712
Delta R.T. 0.006 min
Lab File: BN015487.D
Acq: 12 Jul 2021 13:29

Tgt Ion:252 Resp: 47494

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	45.6
125	15.0	0.0	28.4

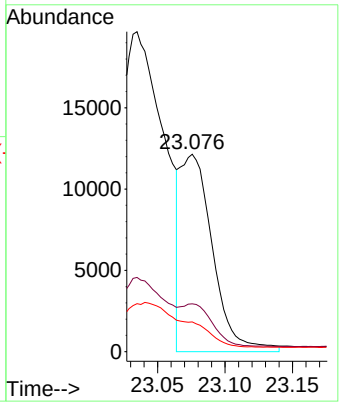


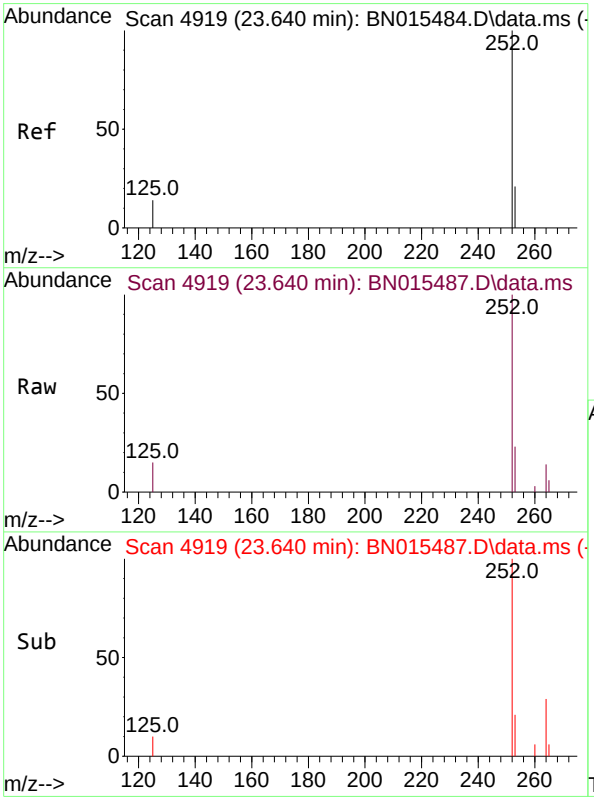


#25
Benzo(k)fluoranthene
Concen: 0.497 ng/ul m
RT: 23.076 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BN015487.D
Acq: 12 Jul 2021 13:29

Tgt Ion:252 Resp: 20243

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	15.0	11.5	17.3

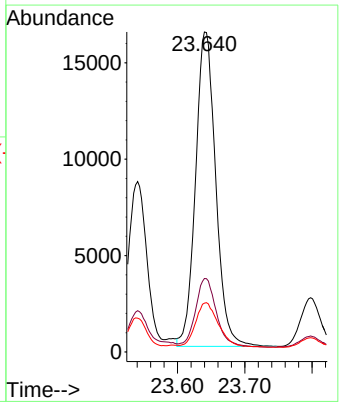




#26
Benzo(a)pyrene
Concen: 1.121 ng/ul
RT: 23.640 min Scan# 4919
Delta R.T. -0.000 min
Lab File: BN015487.D
Acq: 12 Jul 2021 13:29

Tgt Ion:252 Resp: 34006

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	15.2	13.5	20.3



Instrument :
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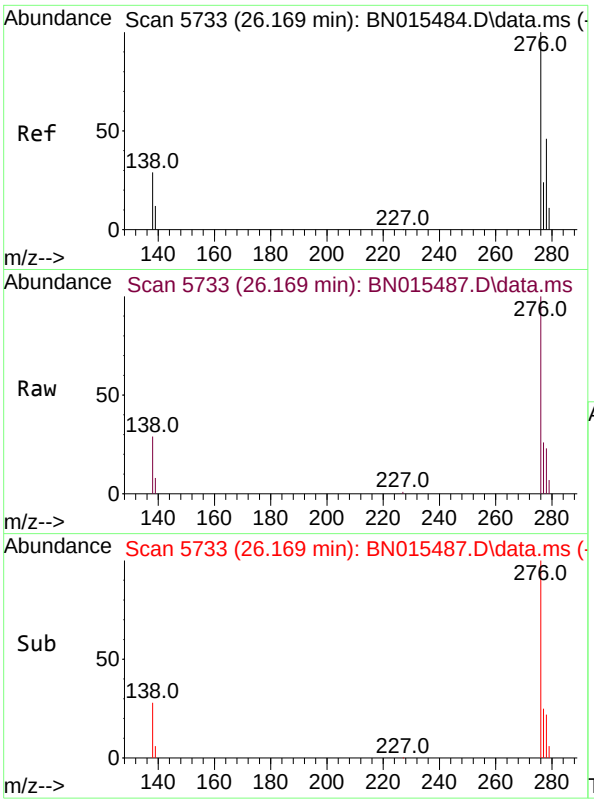
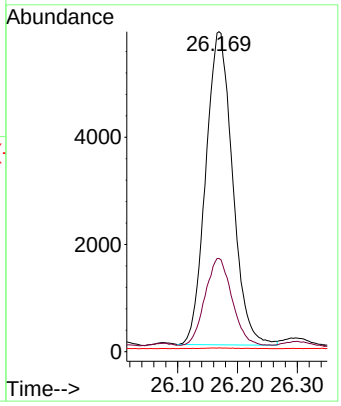


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.496 ng/ul
RT: 26.169 min Scan# 5733
Delta R.T. -0.000 min
Lab File: BN015487.D
Acq: 12 Jul 2021 13:29

Tgt Ion:276 Resp: 18177

Ion	Ratio	Lower	Upper
276	100		
138	28.5	26.3	39.5
227	0.2	0.1	0.1#



Instrument :
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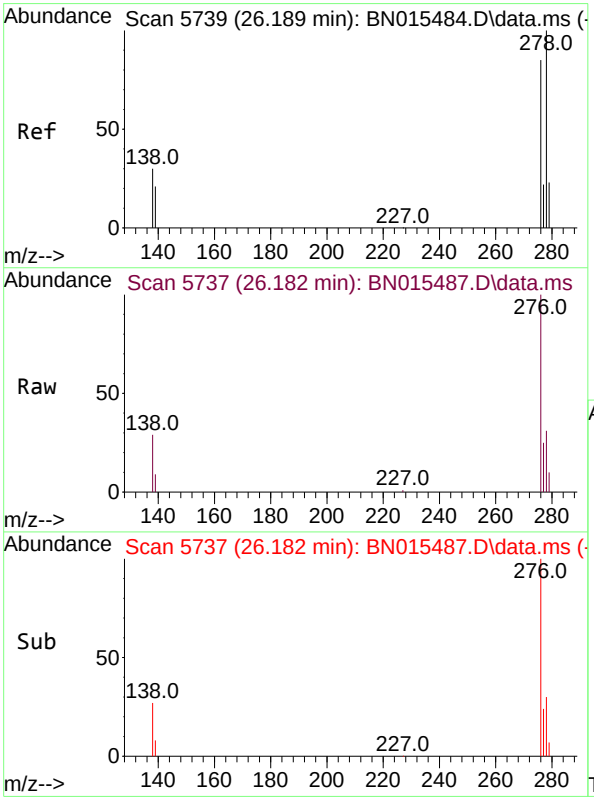
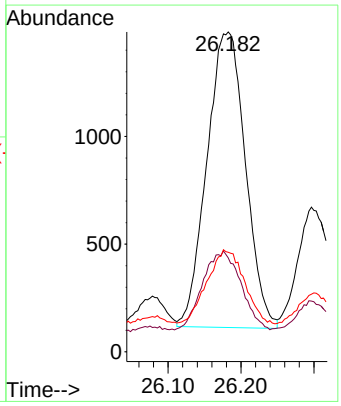
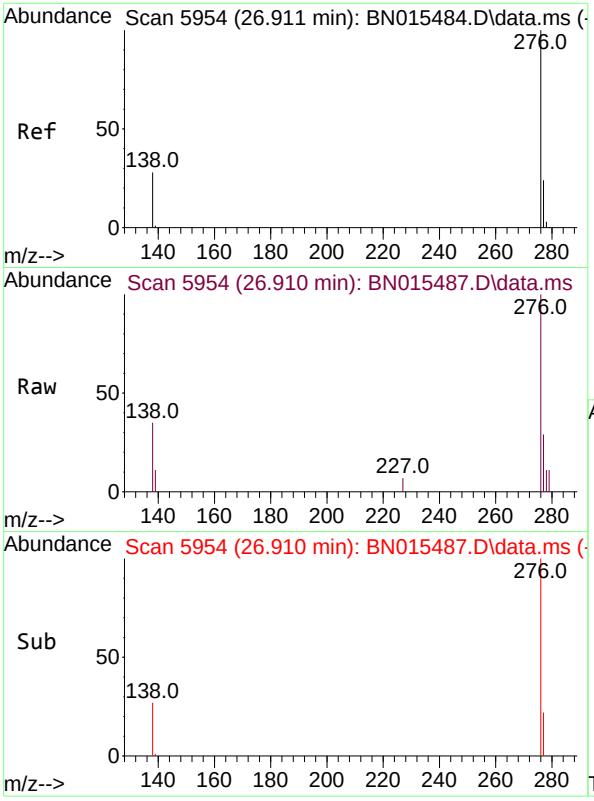


#28
Dibenzo(a,h)anthracene
Concen: 0.175 ng/ul
RT: 26.182 min Scan# 5737
Delta R.T. -0.007 min
Lab File: BN015487.D
Acq: 12 Jul 2021 13:29

Tgt Ion:278 Resp: 5036

Ion	Ratio	Lower	Upper
278	100		
139	29.4	18.9	28.3#
279	31.1	20.8	31.2

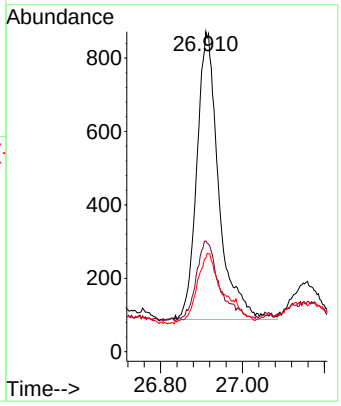




#29
Benzo(g,h,i)perylene
Concen: 0.086 ng/ul
RT: 26.910 min Scan# 5954
Delta R.T. -0.000 min
Lab File: BN015487.D
Acq: 12 Jul 2021 13:29

Tgt Ion:276 Resp: 2908

Ion	Ratio	Lower	Upper
276	100		
138	34.6	23.0	34.4#
277	29.2	19.3	28.9#



Instrument :
BNA_N
ClientSampleId :
BGDT5

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