Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
Data File : BN017164.D
Acq On : 28 Oct 2021 20:12
Operator : CG/JU
Sample : M4205-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B40

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Quant Time: Oct 29 02:50:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 28 12:50:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	4408	0.400	ng/ul	0.00
4) Naphthalene-d8	10.300	136	17286	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.180	164	10668	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.936	188	23884	0.400	ng/ul	0.00
17) Chrysene-d12	21.145	240	24299	0.400	ng/ul	0.00
23) Perylene-d12	23.345	264	23468	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.055	96	1406	0.287	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	3825	0.152	ng/ul	0.00
18) Fluoranthene-d10	18.976	212	10600	0.166	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	13.898	152	3147	0.075	ng/ul	96
11) Acenaphthene	14.245	153	794	0.021	ng/ul	93
12) Fluorene	15.240	166	2277	0.053	ng/ul#	97
15) Phenanthrene	16.974	178	68163	0.900	ng/ul	99
16) Anthracene	17.067	178	14790	0.235	ng/ul	99
19) Fluoranthene	19.004	202	115556	1.329	ng/ul	100
20) Pyrene	19.367	202	100920	1.132	ng/ul	97
21) Benzo(a)anthracene	21.130	228	42877	0.539	ng/ul	98
22) Chrysene	21.183	228	42718	0.473	ng/ul	98
24) Benzo(b)fluoranthene	22.691	252	53724m	0.614	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	21341m	0.215	ng/ul	
26) Benzo(a)pyrene	23.252	252	37893	0.483	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.559	276	27248	0.245	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.570	278	6580	0.075	ng/ul#	87
29) Benzo(g,h,i)perylene	26.237	276	24558	0.261	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
Data File : BN017164.D
Acq On : 28 Oct 2021 20:12
Operator : CG/JU
Sample : M4205-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 29 02:50:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 28 12:50:34 2021
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Instrument :
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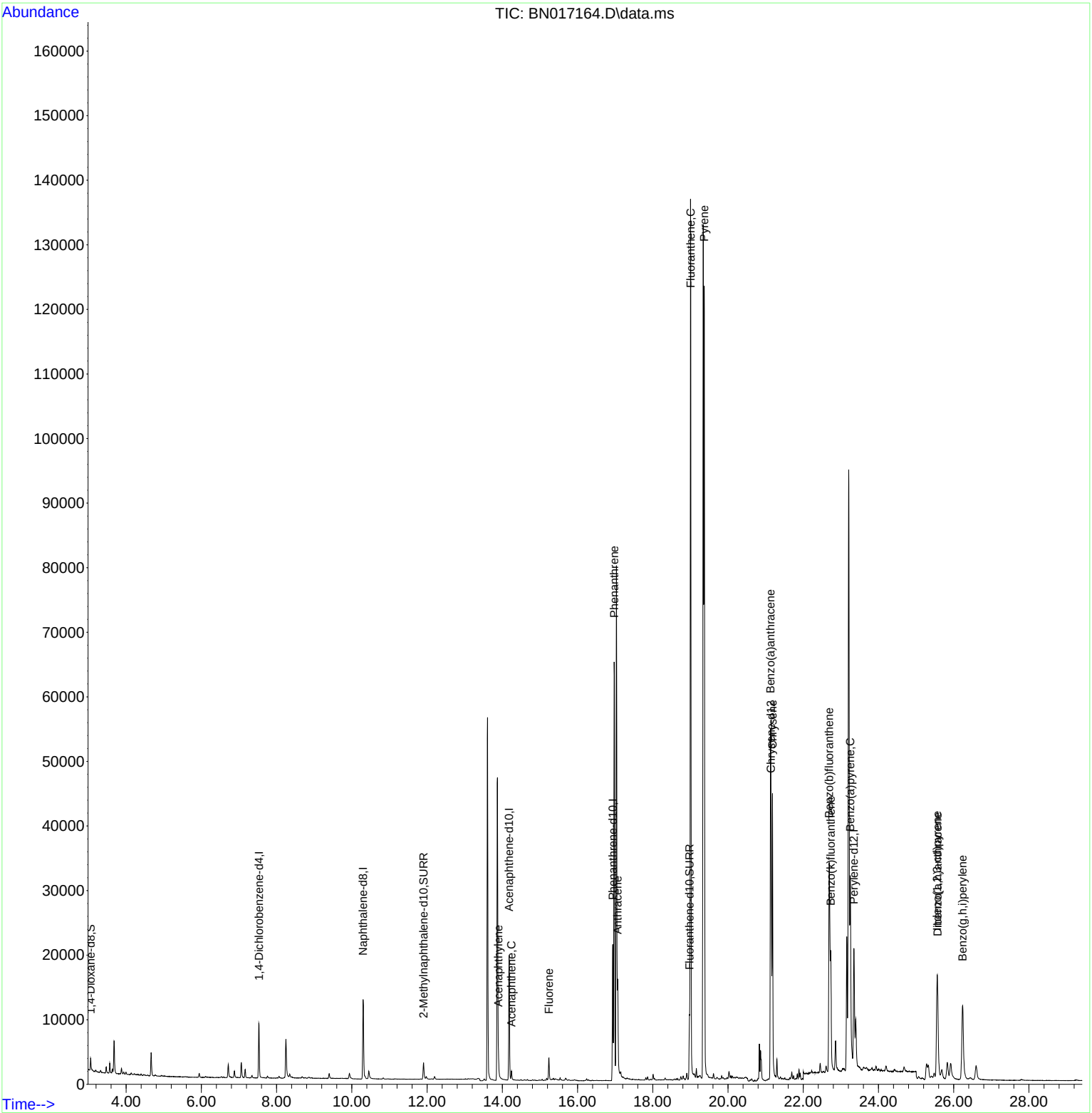
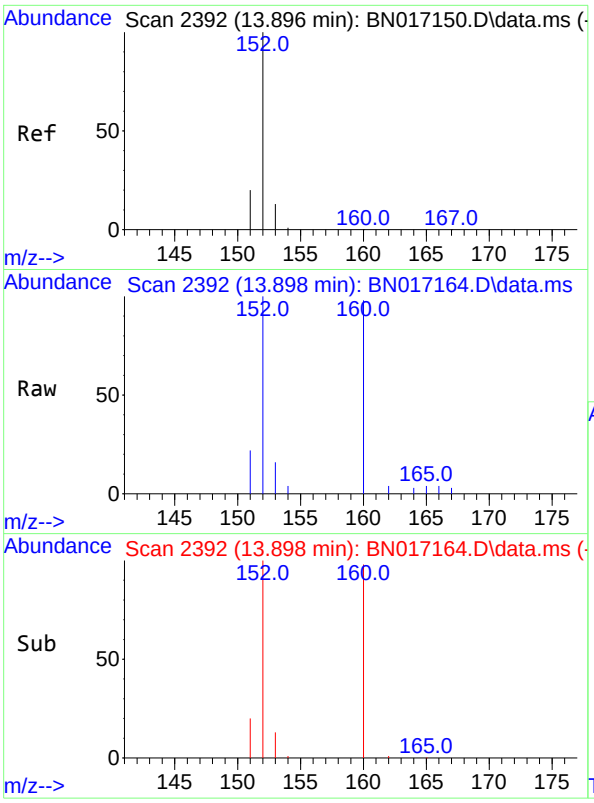
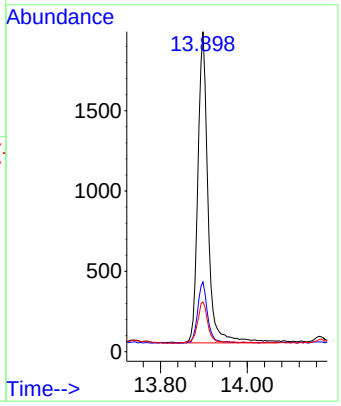




#10
Acenaphthylene
Concen: 0.075 ng/ul
RT: 13.898 min Scan# 2392
Delta R.T. 0.001 min
Lab File: BN017164.D
Acq: 28 Oct 2021 20:12

Tgt Ion:152 Resp: 3147

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.0	24.0
153	15.6	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
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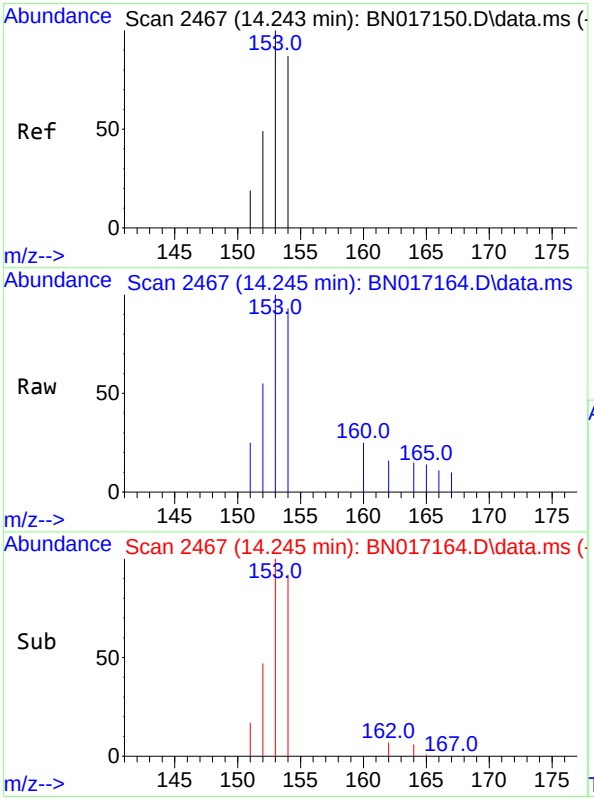
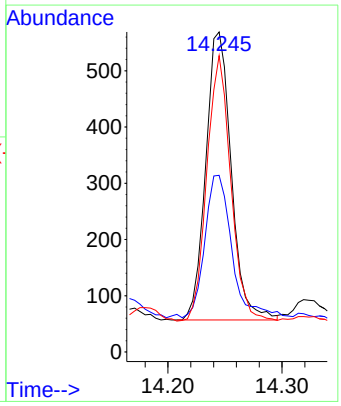
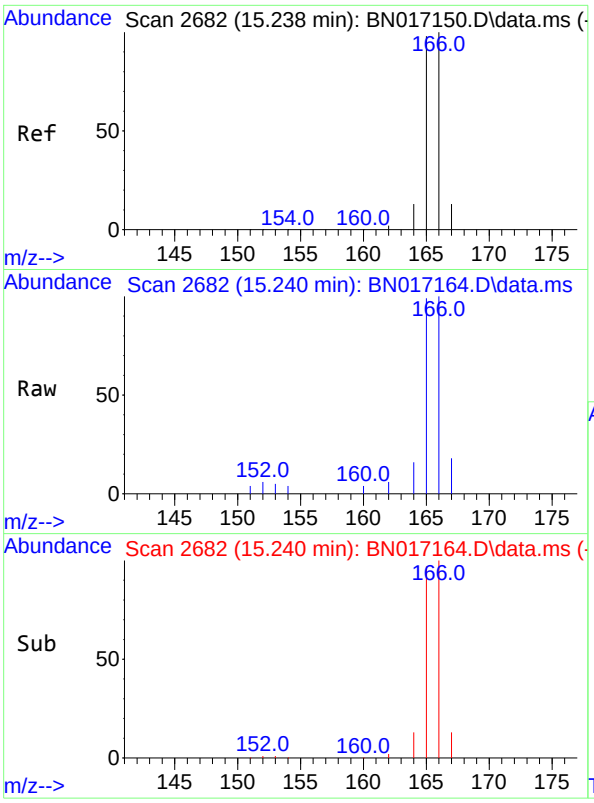


#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.245 min Scan# 2467
Delta R.T. 0.001 min
Lab File: BN017164.D
Acq: 28 Oct 2021 20:12

Tgt Ion:153 Resp: 794

Ion	Ratio	Lower	Upper
153	100		
152	55.2	39.5	59.3
154	92.6	70.0	105.0

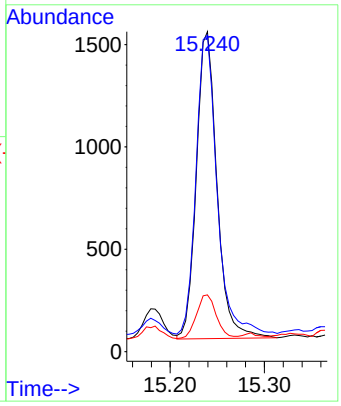




#12
Fluorene
Concen: 0.053 ng/ul
RT: 15.240 min Scan# 2682
Delta R.T. 0.001 min
Lab File: BN017164.D
Acq: 28 Oct 2021 20:12

Tgt Ion:166 Resp: 2277

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.7	116.5
167	17.7	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
C0B40

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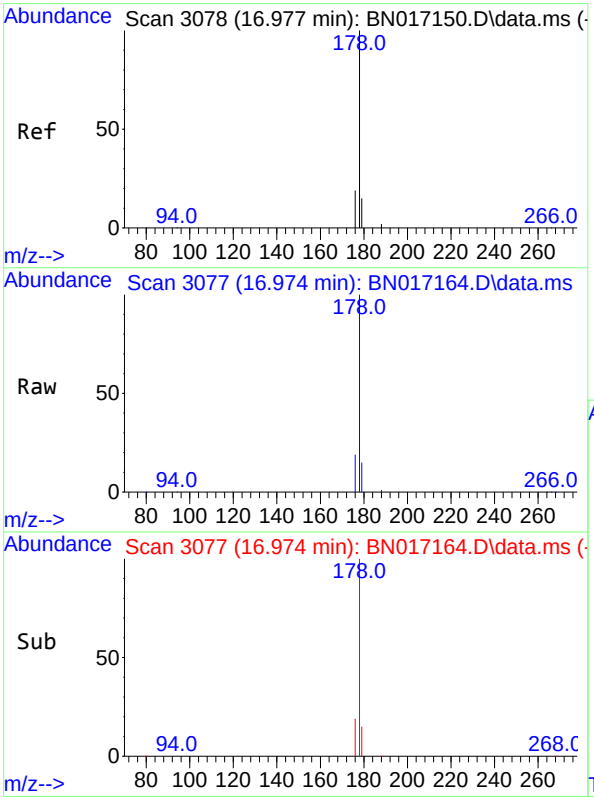
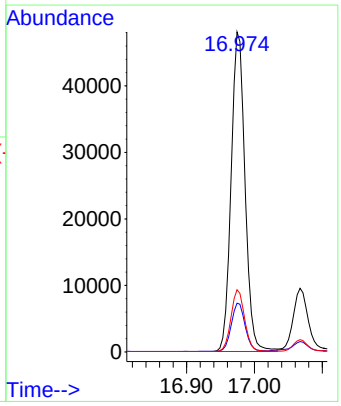
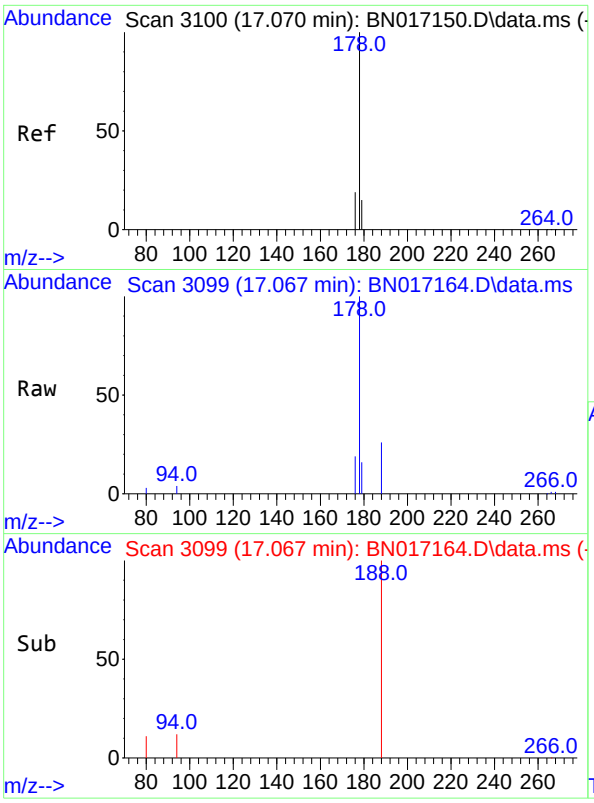


#15
Phenanthrene
Concen: 0.900 ng/ul
RT: 16.974 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BN017164.D
Acq: 28 Oct 2021 20:12

Tgt Ion:178 Resp: 68163

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.4	15.5	23.3

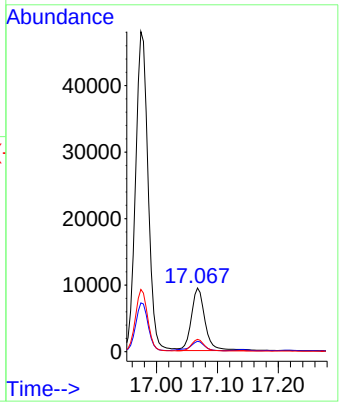




#16
Anthracene
Concen: 0.235 ng/ul
RT: 17.067 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BN017164.D
Acq: 28 Oct 2021 20:12

Tgt Ion:178 Resp: 14790

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	19.0
176	19.2	15.2	22.8



Instrument :
BNA_N
ClientSampleId :
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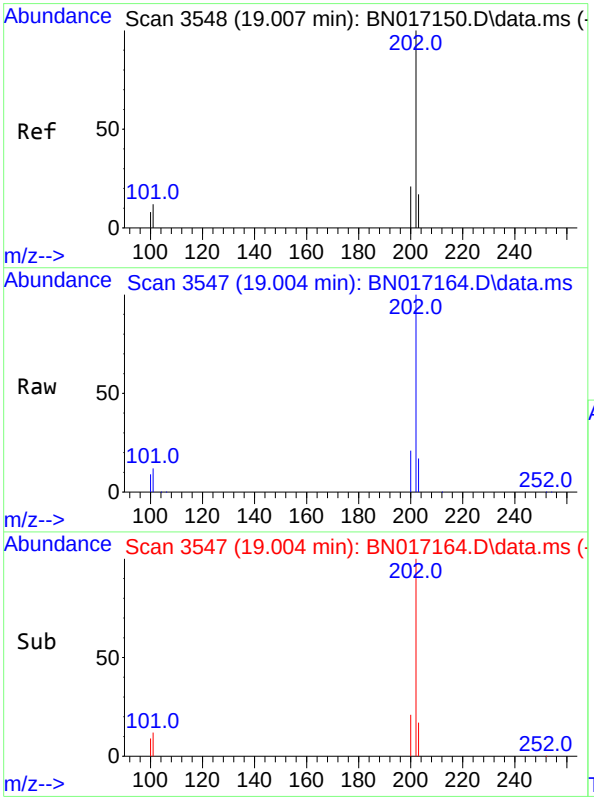
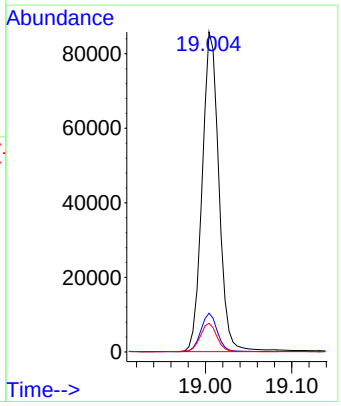
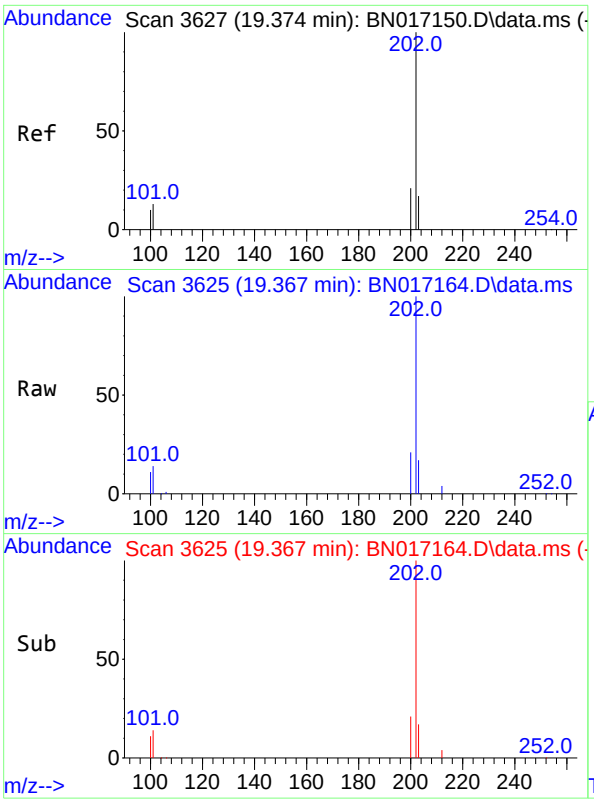


#19
Fluoranthene
Concen: 1.329 ng/ul
RT: 19.004 min Scan# 3547
Delta R.T. -0.003 min
Lab File: BN017164.D
Acq: 28 Oct 2021 20:12

Tgt Ion:202 Resp: 115556

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
100	9.0	7.2	10.8

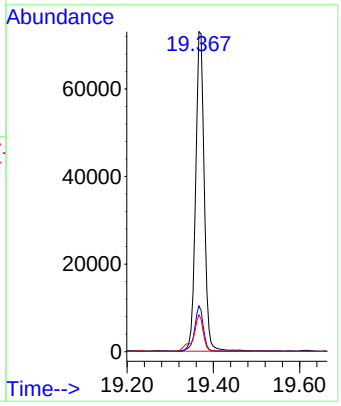


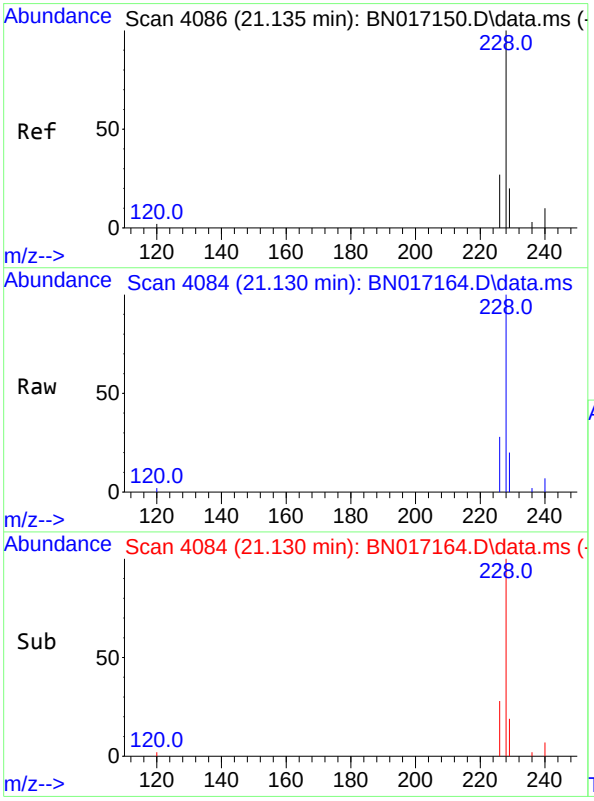


#20
Pyrene
Concen: 1.132 ng/ul
RT: 19.367 min Scan# 3625
Delta R.T. -0.008 min
Lab File: BN017164.D
Acq: 28 Oct 2021 20:12

Tgt Ion:202 Resp: 100920

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.3	15.5
100	11.5	8.2	12.2

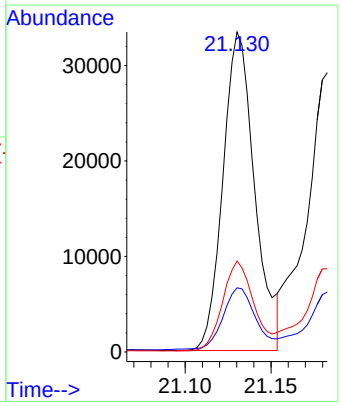




#21
Benzo(a)anthracene
Concen: 0.539 ng/ul
RT: 21.130 min Scan# 4084
Delta R.T. -0.004 min
Lab File: BN017164.D
Acq: 28 Oct 2021 20:12

Tgt Ion:228 Resp: 42877

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.1	24.1
226	28.4	21.7	32.5



Instrument :
BNA_N
ClientSampleId :
C0B40

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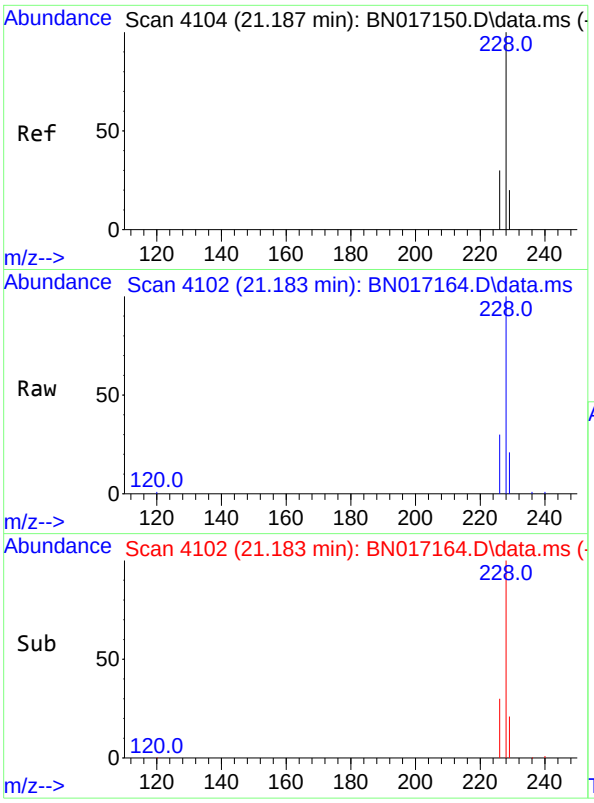
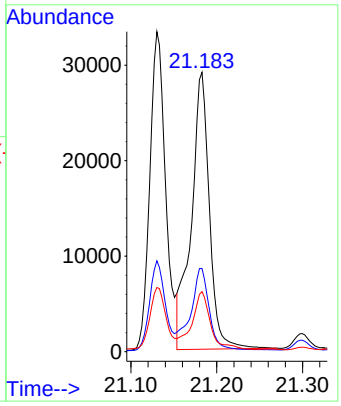
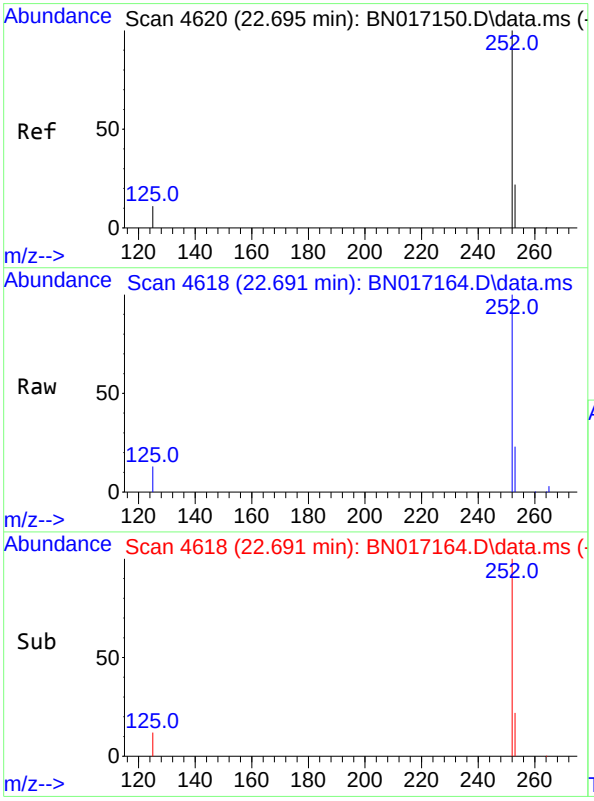


#22
Chrysene
Concen: 0.473 ng/ul
RT: 21.183 min Scan# 4102
Delta R.T. -0.004 min
Lab File: BN017164.D
Acq: 28 Oct 2021 20:12

Tgt Ion:228 Resp: 42718

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	21.5	15.4	23.2

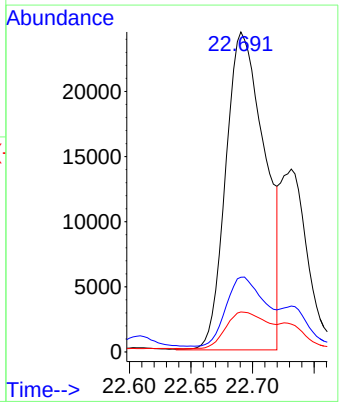




#24
Benzo(b)fluoranthene
Concen: 0.614 ng/ul m
RT: 22.691 min Scan# 4618
Delta R.T. -0.004 min
Lab File: BN017164.D
Acq: 28 Oct 2021 20:12

Tgt Ion:252 Resp: 53724

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	46.8
125	12.5	0.0	23.8



Instrument :
BNA_N
ClientSampleId :
C0B40

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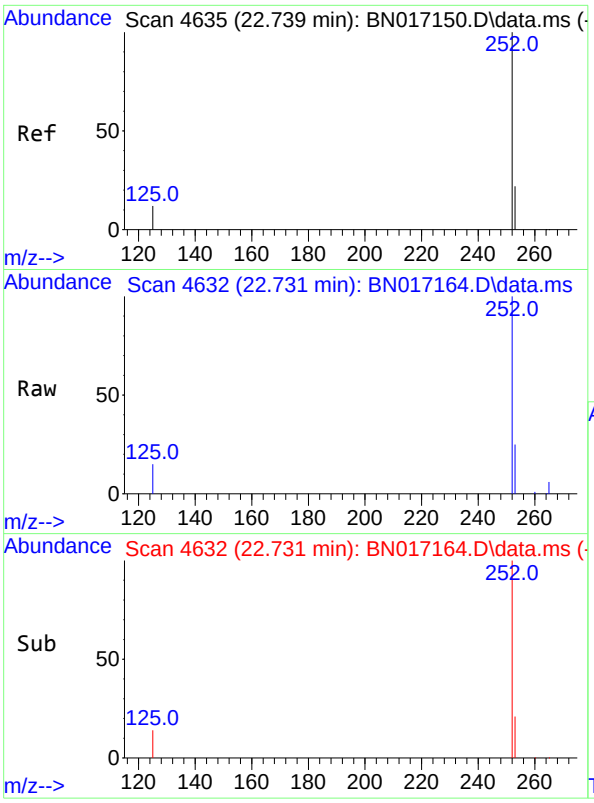
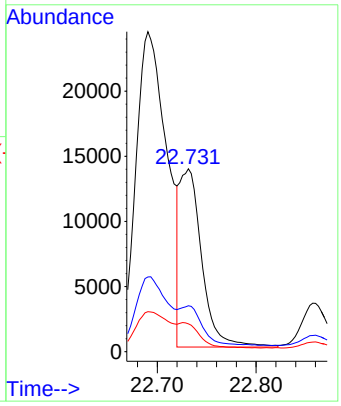


#25
Benzo(k)fluoranthene
Concen: 0.215 ng/ul m
RT: 22.731 min Scan# 4632
Delta R.T. -0.007 min
Lab File: BN017164.D
Acq: 28 Oct 2021 20:12

Tgt Ion:252 Resp: 21341

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.3	27.5
125	15.3	10.0	15.0#



Instrument :
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ClientSampleId :
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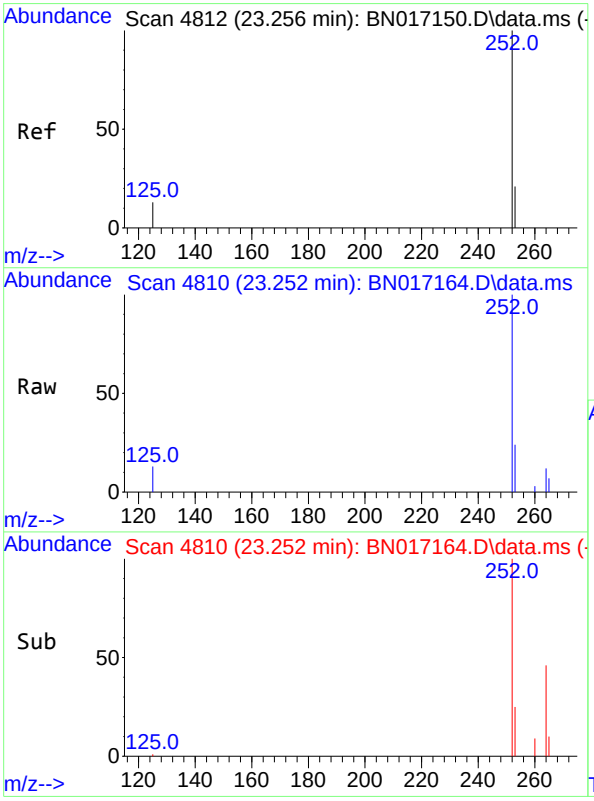
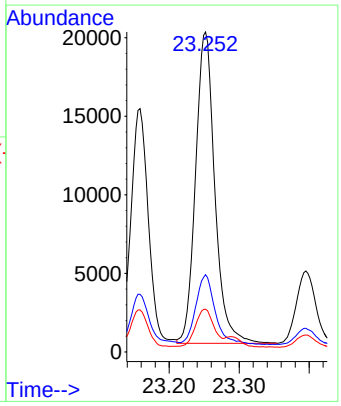
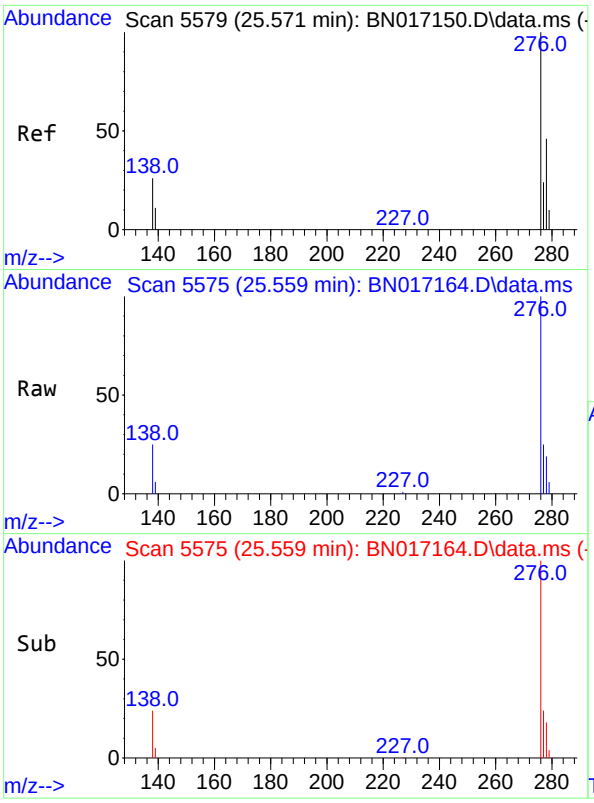


#26
Benzo(a)pyrene
Concen: 0.483 ng/ul
RT: 23.252 min Scan# 4810
Delta R.T. -0.004 min
Lab File: BN017164.D
Acq: 28 Oct 2021 20:12

Tgt Ion:252 Resp: 37893

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.3	28.9
125	13.3	10.8	16.2

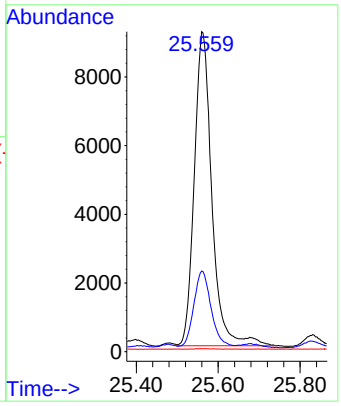


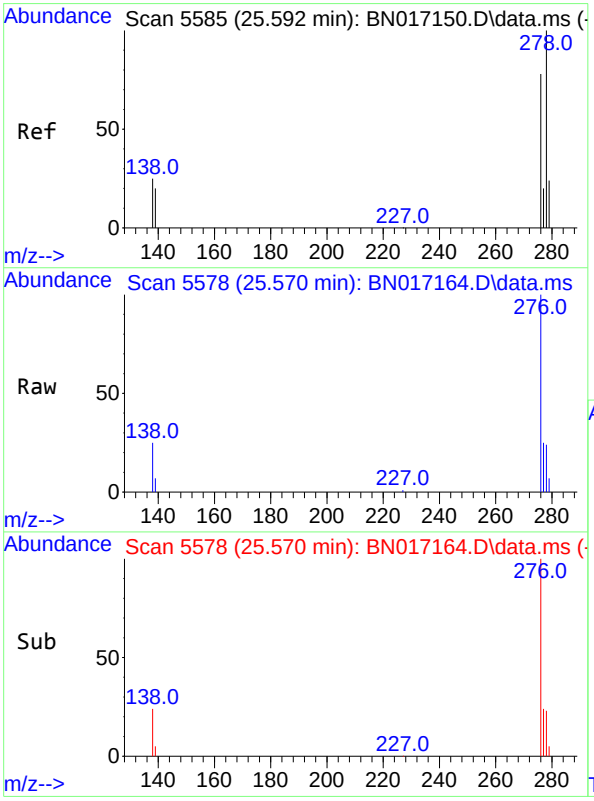


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.245 ng/ul
RT: 25.559 min Scan# 5575
Delta R.T. -0.012 min
Lab File: BN017164.D
Acq: 28 Oct 2021 20:12

Tgt Ion:276 Resp: 27248

Ion	Ratio	Lower	Upper
276	100		
138	24.2	22.2	33.4
227	0.1	0.0	0.0#

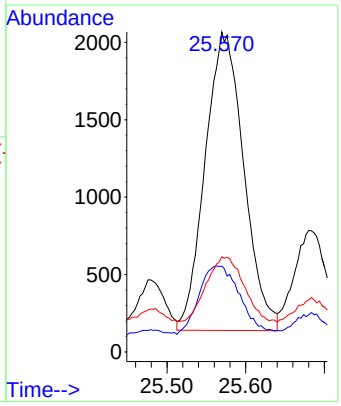




#28
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul
RT: 25.570 min Scan# 5578
Delta R.T. -0.022 min
Lab File: BN017164.D
Acq: 28 Oct 2021 20:12

Tgt Ion:278 Resp: 6580

Ion	Ratio	Lower	Upper
278	100		
139	26.8	15.4	23.0#
279	29.7	19.5	29.3#



Instrument :
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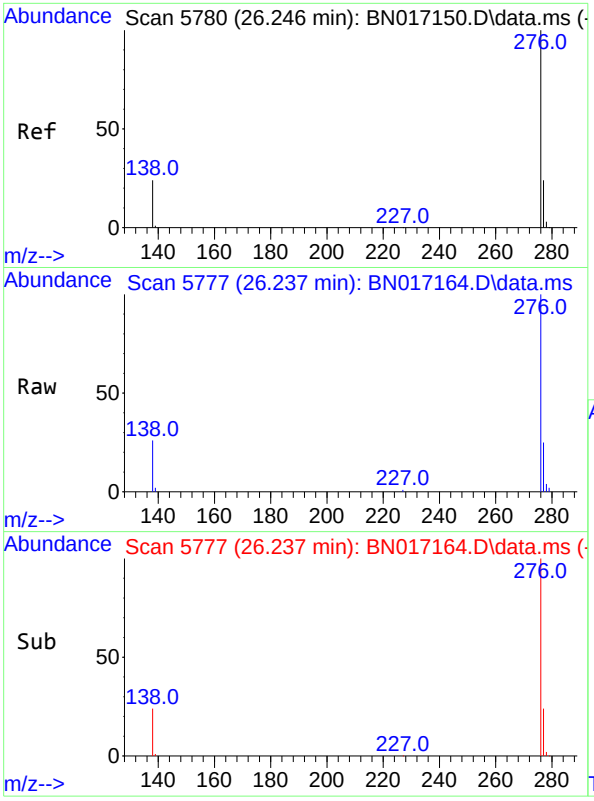
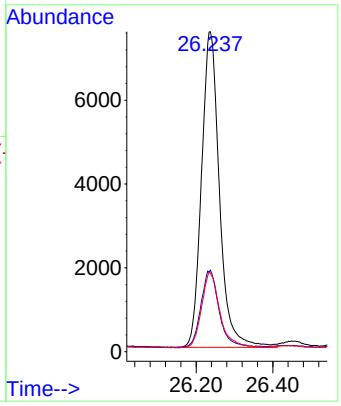


#29
Benzo(g,h,i)perylene
Concen: 0.261 ng/ul
RT: 26.237 min Scan# 5777
Delta R.T. -0.009 min
Lab File: BN017164.D
Acq: 28 Oct 2021 20:12

Tgt Ion:276 Resp: 24558

Ion	Ratio	Lower	Upper
276	100		
138	25.5	19.2	28.8
277	24.6	19.0	28.6



Instrument :
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ClientSampleId :
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