Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016100.D
Acq On : 27 Aug 2021 11:00
Operator : CG/JU
Sample : M3458-08DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AS0DL

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Quant Time: Aug 27 11:32:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 27 10:53:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1614	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	7056	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	4436	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	9154	0.400	ng/ul	0.00
17) Chrysene-d12	21.436	240	8885	0.400	ng/ul	0.00
23) Perylene-d12	23.824	264	8198	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	1187	0.543	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	420	0.040	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	1049	0.044	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.716	128	571	0.031	ng/ul#	73
7) 2-Methylnaphthalene	12.327	142	461	0.037	ng/ul	98
8) 1-Methylnaphthalene	12.547	142	401	0.033	ng/ul	98
10) Acenaphthylene	14.219	152	1480	0.094	ng/ul#	95
15) Phenanthrene	17.284	178	10035	0.397	ng/ul	99
16) Anthracene	17.377	178	796	0.037	ng/ul#	82
19) Fluoranthene	19.304	202	19823	0.714	ng/ul	100
20) Pyrene	19.666	202	15883	0.568	ng/ul	99
21) Benzo(a)anthracene	21.419	228	4578	0.165	ng/ul	94
22) Chrysene	21.471	228	8294	0.279	ng/ul	98
24) Benzo(b)fluoranthene	23.099	252	11577m	0.378	ng/ul	
25) Benzo(k)fluoranthene	23.140	252	4112m	0.133	ng/ul	
26) Benzo(a)pyrene	23.719	252	4927	0.192	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.287	276	5056	0.149	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.297	278	1166	0.041	ng/ul#	57

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016100.D
Acq On : 27 Aug 2021 11:00
Operator : CG/JU
Sample : M3458-08DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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Instrument :
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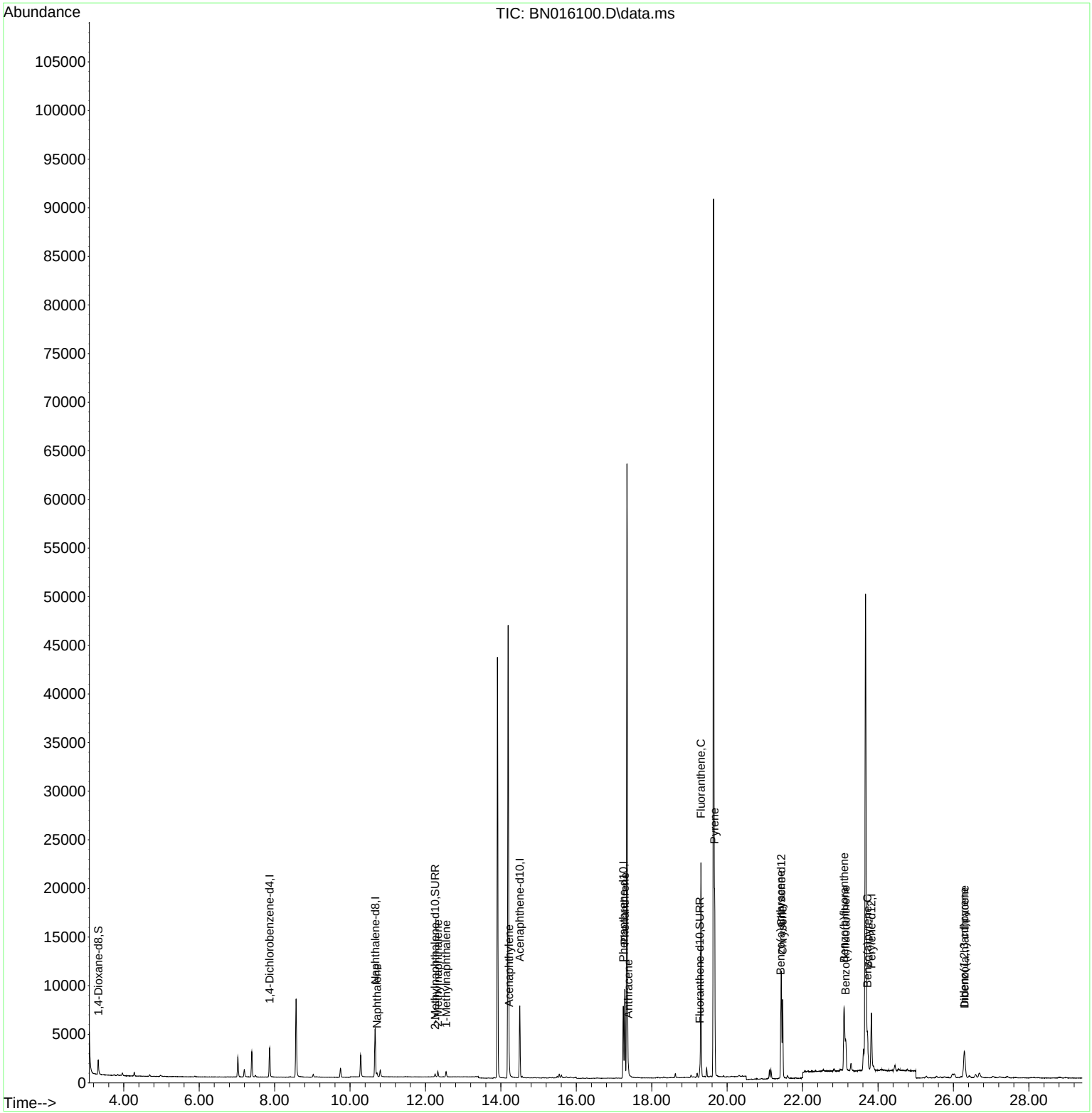
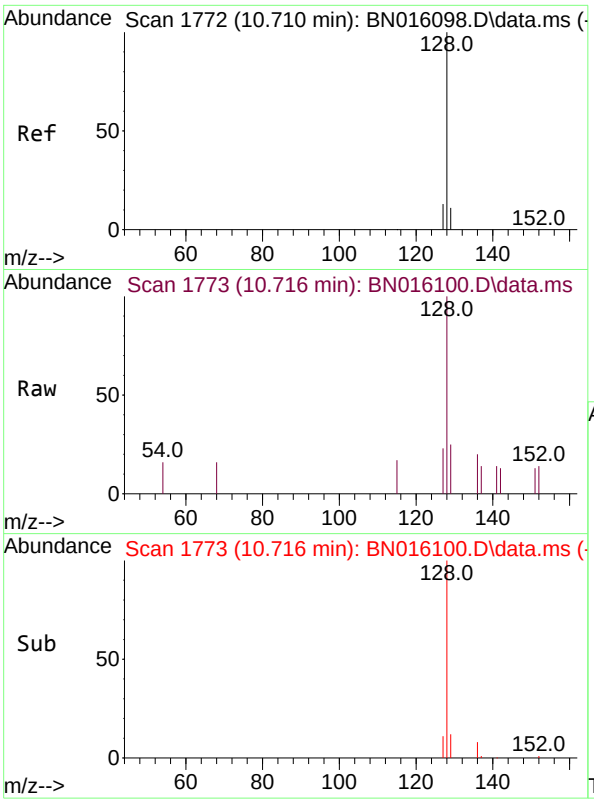
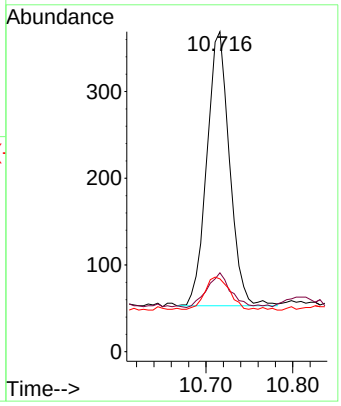


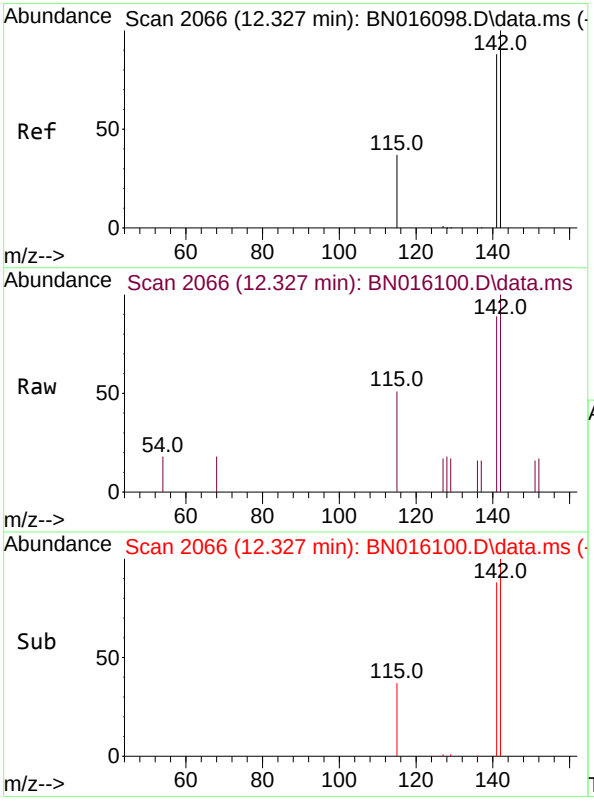


#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BN016100.D
Acq: 27 Aug 2021 11:00

Tgt Ion:128 Resp: 571

Ion	Ratio	Lower	Upper
128	100		
129	24.7	9.7	14.5#
127	22.8	11.1	16.7#

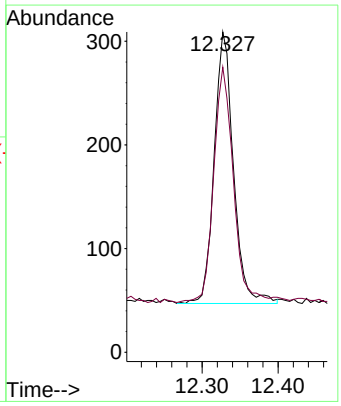




#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016100.D
Acq: 27 Aug 2021 11:00

Tgt Ion:142 Resp: 461

Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.8	104.6



Instrument :
BNA_N
ClientSampleId :
C0AS0DL

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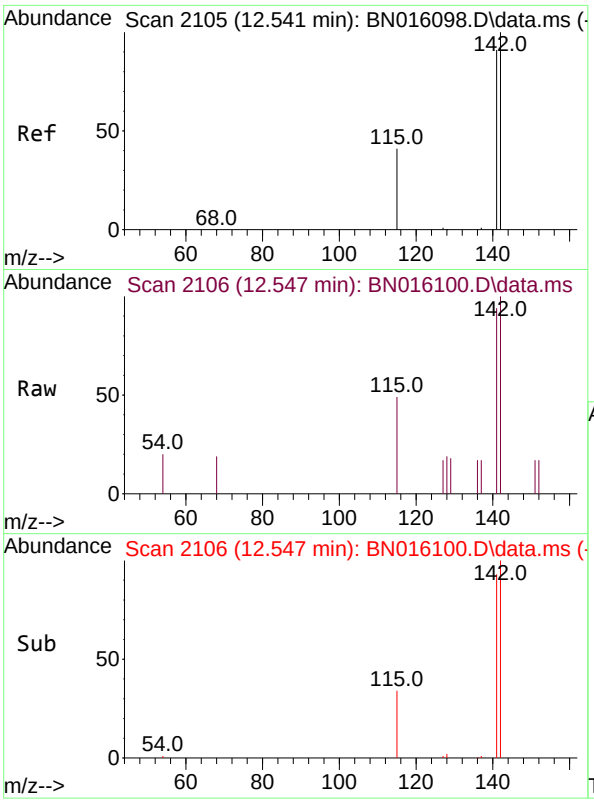
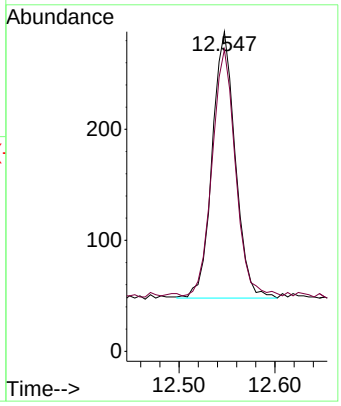


#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BN016100.D
Acq: 27 Aug 2021 11:00

Tgt Ion:142 Resp: 401

Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.8	109.2



Instrument :
BNA_N
ClientSampleId :
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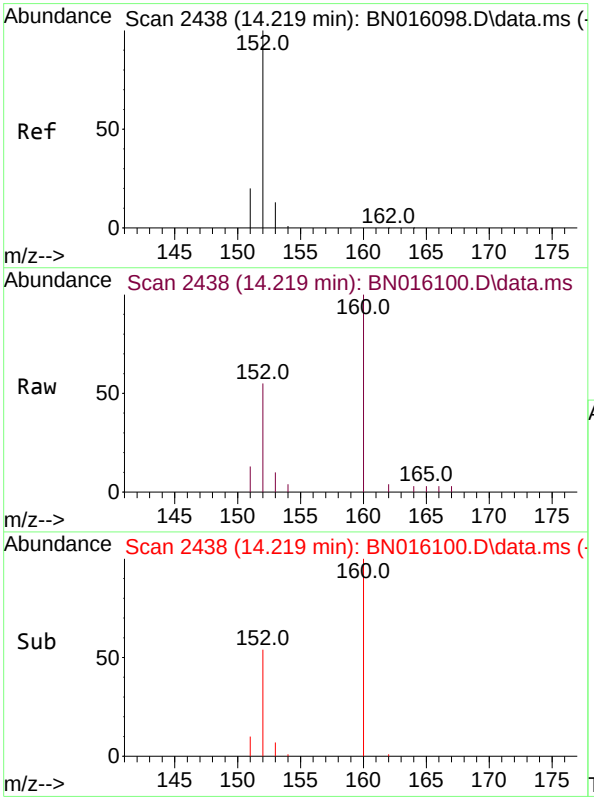
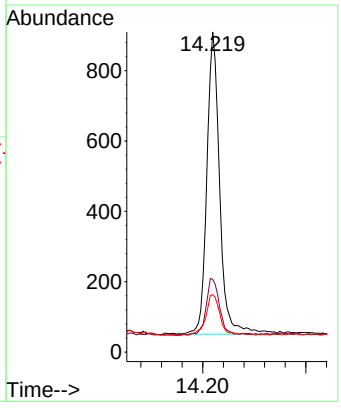
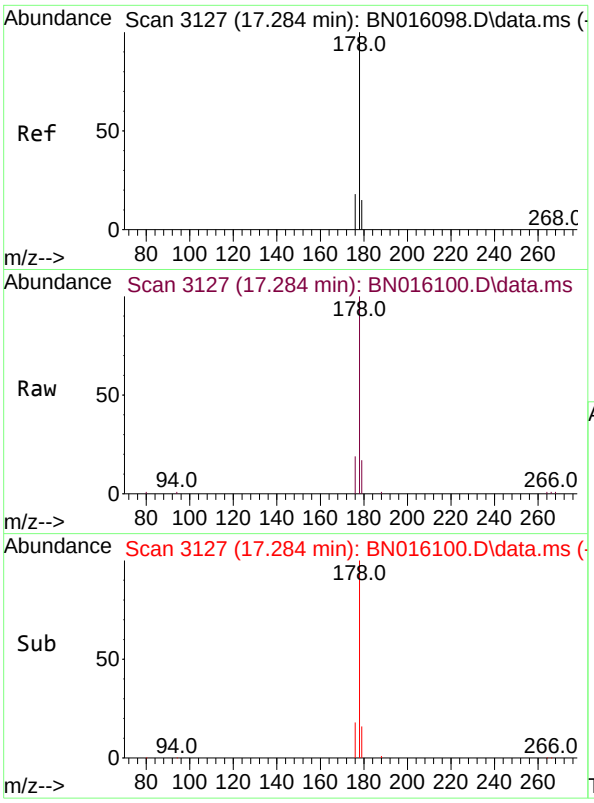


#10
Acenaphthylene
Concen: 0.094 ng/ul
RT: 14.219 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN016100.D
Acq: 27 Aug 2021 11:00

Tgt Ion:152 Resp: 1480

Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.0	25.6
153	17.9	11.8	17.6#

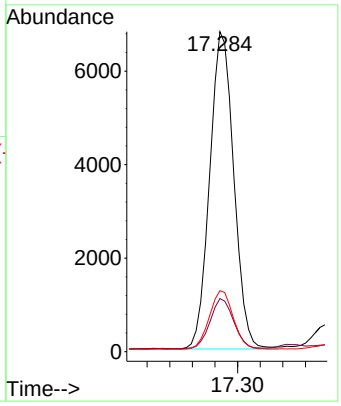




#15
Phenanthrene
Concen: 0.397 ng/ul
RT: 17.284 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BN016100.D
Acq: 27 Aug 2021 11:00

Tgt Ion:178 Resp: 10035

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.4	20.2
176	19.1	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
C0AS0DL

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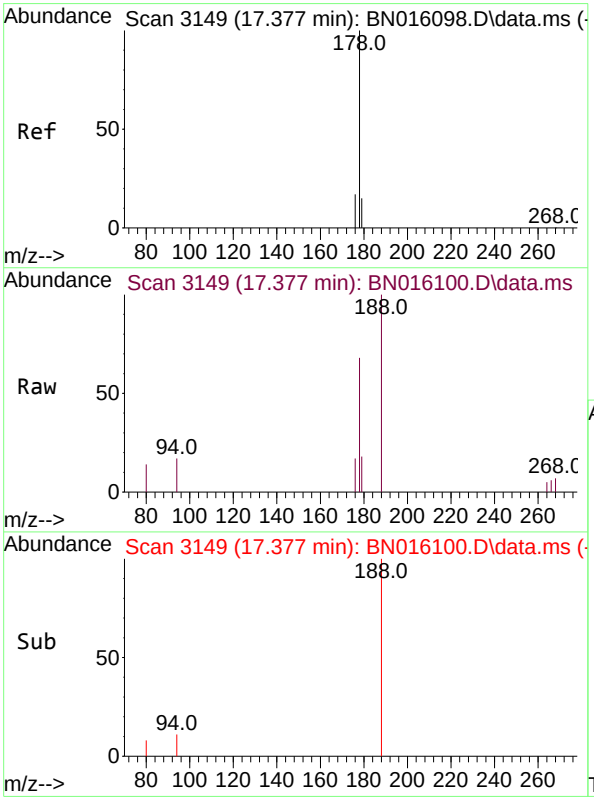
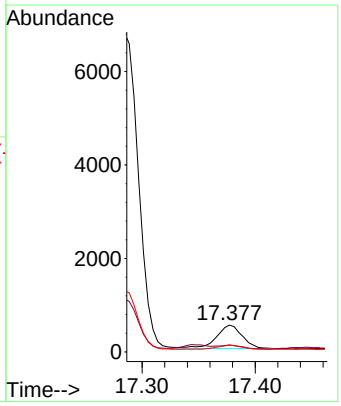
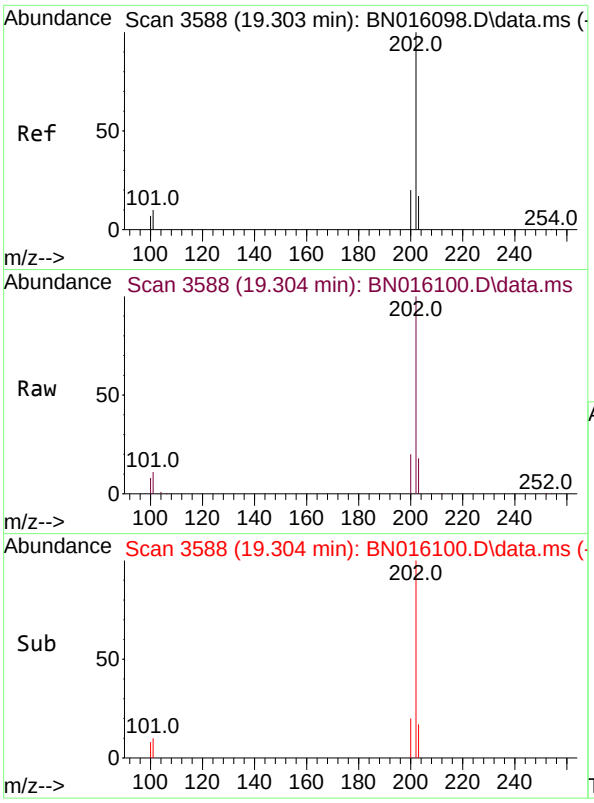


#16
Anthracene
Concen: 0.037 ng/ul
RT: 17.377 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BN016100.D
Acq: 27 Aug 2021 11:00

Tgt Ion:178 Resp: 796

Ion	Ratio	Lower	Upper
178	100		
179	26.0	13.4	20.0#
176	25.2	14.9	22.3#

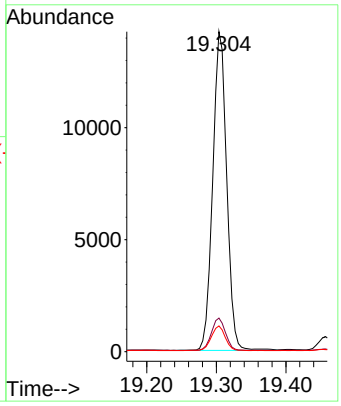


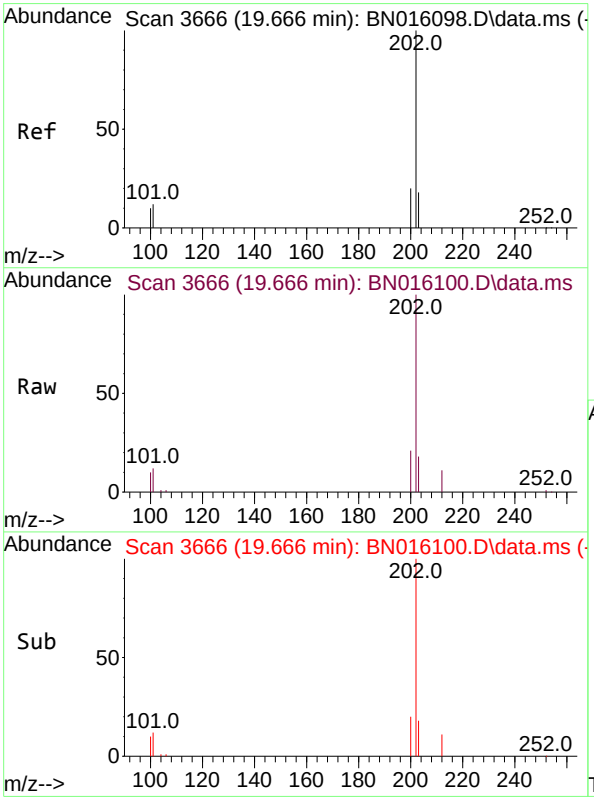


#19
Fluoranthene
Concen: 0.714 ng/ul
RT: 19.304 min Scan# 3588
Delta R.T. 0.000 min
Lab File: BN016100.D
Acq: 27 Aug 2021 11:00

Tgt Ion:202 Resp: 19823

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.3	12.5
100	8.1	6.6	9.8

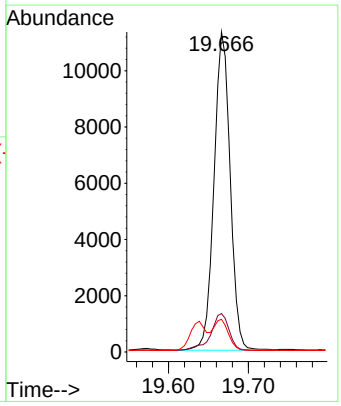




#20
Pyrene
Concen: 0.568 ng/ul
RT: 19.666 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN016100.D
Acq: 27 Aug 2021 11:00

Tgt Ion:202 Resp: 15883

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.0	15.0
100	10.2	8.4	12.6



Instrument :
BNA_N
ClientSampleId :
C0AS0DL

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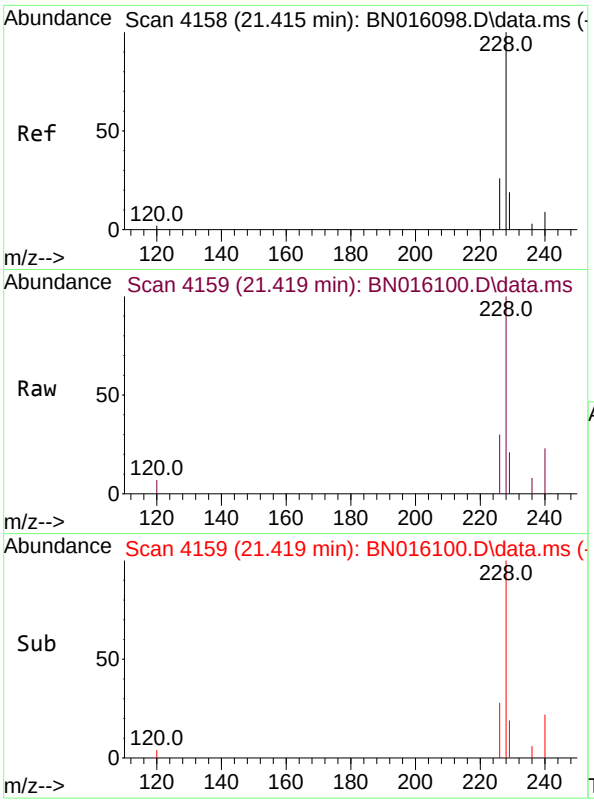
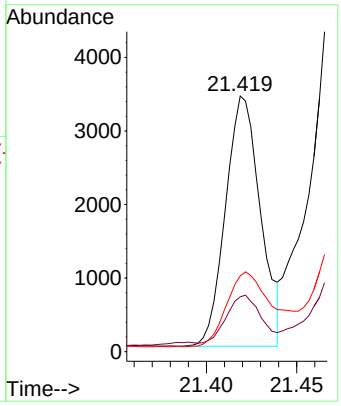
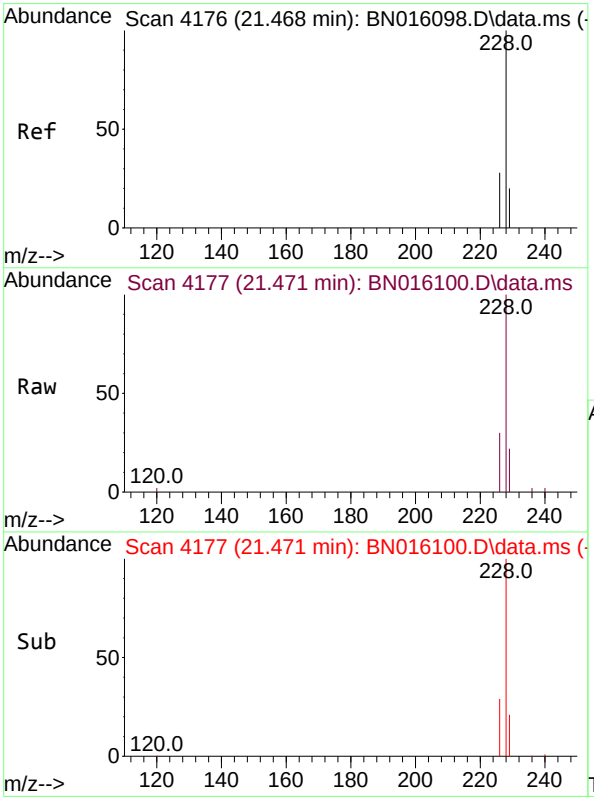


#21
Benzo(a)anthracene
Concen: 0.165 ng/ul
RT: 21.419 min Scan# 4159
Delta R.T. 0.003 min
Lab File: BN016100.D
Acq: 27 Aug 2021 11:00

Tgt Ion:228 Resp: 4578

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.0	24.0
226	29.7	20.6	31.0

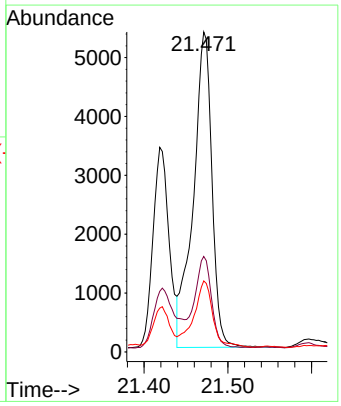




#22
Chrysene
Concen: 0.279 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BN016100.D
Acq: 27 Aug 2021 11:00

Tgt Ion:228 Resp: 8294

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	22.2	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0AS0DL

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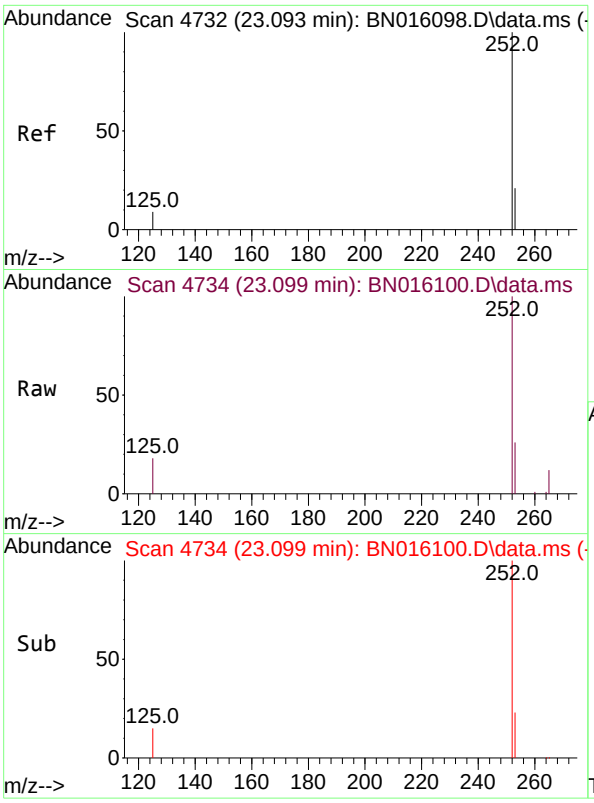
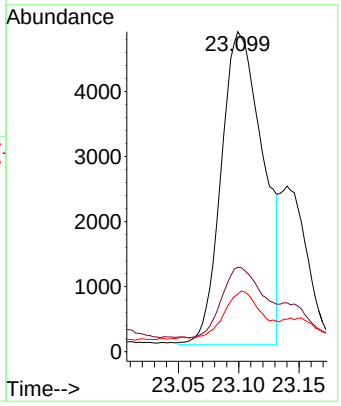
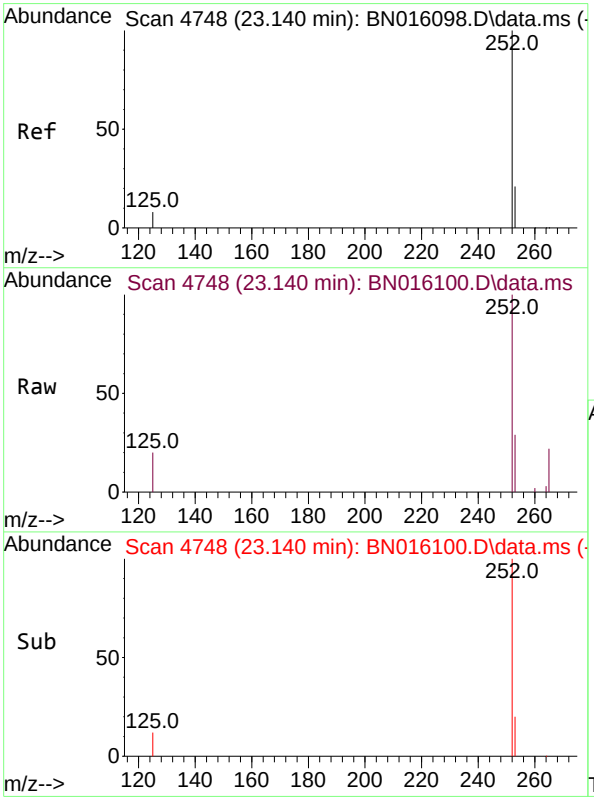


#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul m
RT: 23.099 min Scan# 4734
Delta R.T. 0.006 min
Lab File: BN016100.D
Acq: 27 Aug 2021 11:00

Tgt Ion:252 Resp: 11577

Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	50.6
125	18.0	0.0	21.6

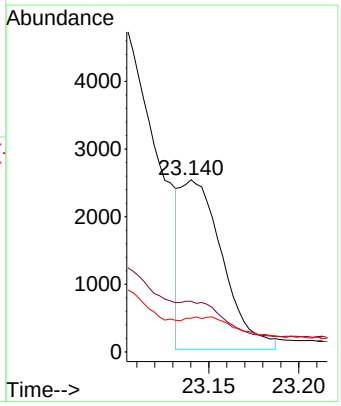




#25
Benzo(k)fluoranthene
Concen: 0.133 ng/ul m
RT: 23.140 min Scan# 4748
Delta R.T. 0.000 min
Lab File: BN016100.D
Acq: 27 Aug 2021 11:00

Tgt Ion:252 Resp: 4112

Ion	Ratio	Lower	Upper
252	100		
253	29.5	20.7	31.1
125	19.6	8.2	12.4#



Instrument :
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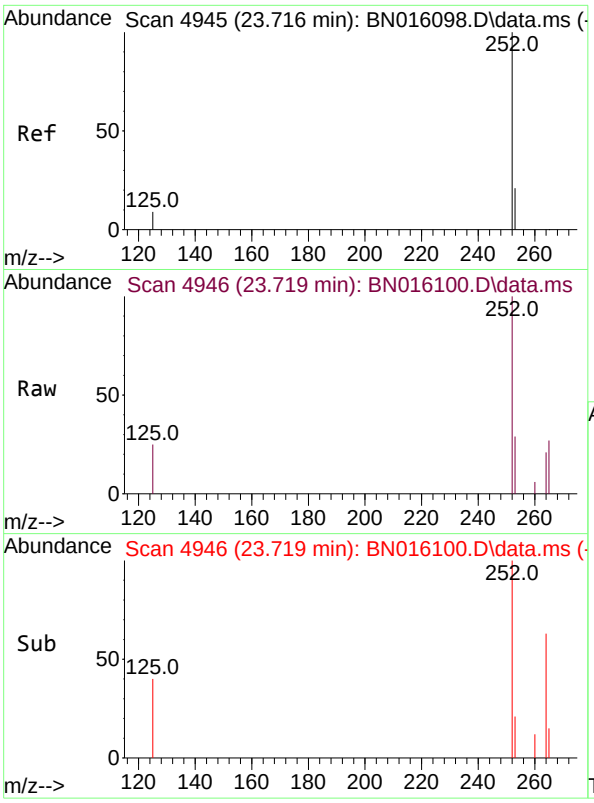
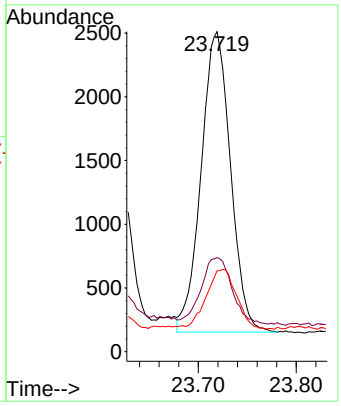
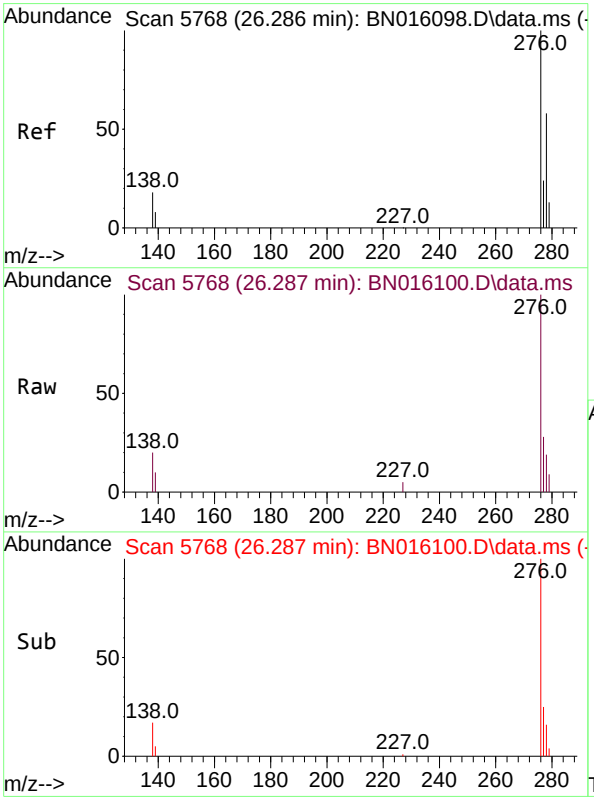


#26
Benzo(a)pyrene
Concen: 0.192 ng/ul
RT: 23.719 min Scan# 4946
Delta R.T. 0.003 min
Lab File: BN016100.D
Acq: 27 Aug 2021 11:00

Tgt Ion:252 Resp: 4927

Ion	Ratio	Lower	Upper
252	100		
253	29.4	22.1	33.1
125	25.2	10.2	15.4#

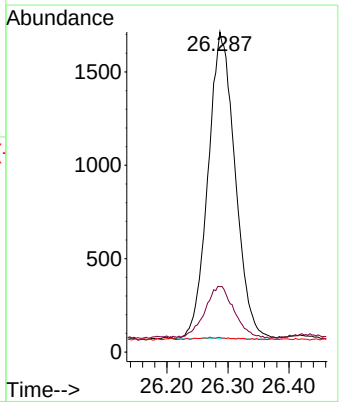




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.149 ng/ul
RT: 26.287 min Scan# 5768
Delta R.T. 0.000 min
Lab File: BN016100.D
Acq: 27 Aug 2021 11:00

Tgt Ion:276 Resp: 5056

Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.1	22.7
227	0.7	0.1	0.1#



Instrument :
BNA_N
ClientSampleId :
C0AS0DL

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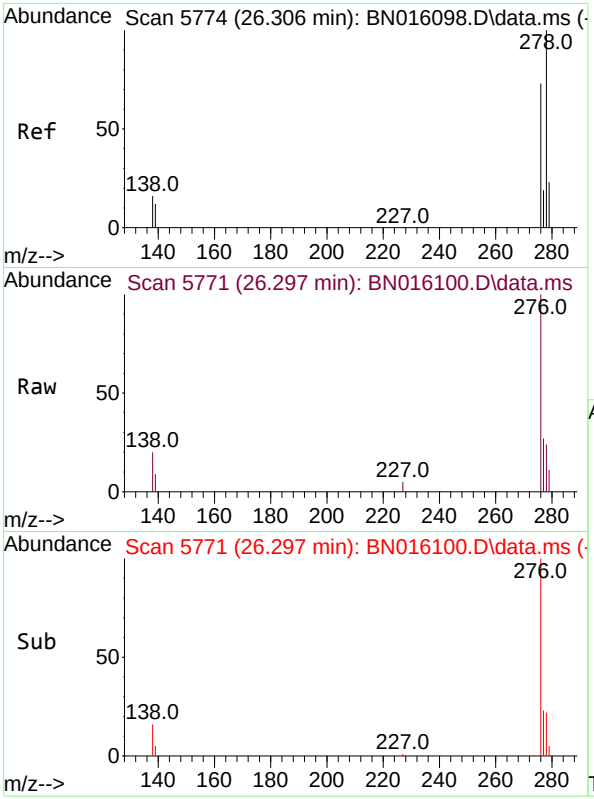
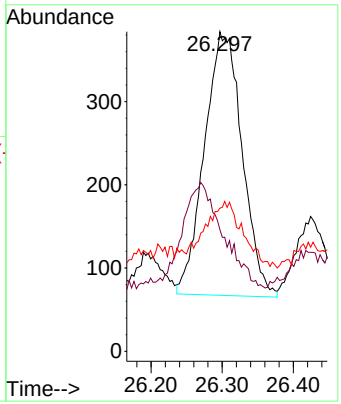


#28
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 26.297 min Scan# 5771
Delta R.T. -0.010 min
Lab File: BN016100.D
Acq: 27 Aug 2021 11:00

Tgt Ion:278 Resp: 1166

Ion	Ratio	Lower	Upper
278	100		
139	38.0	12.0	18.0#
279	44.8	21.0	31.6#



Instrument :
BNA_N
ClientSampleId :
C0AS0DL

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