

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036034.D
 Acq On : 27 Jan 2025 13:31
 Operator : RC/JU
 Sample : Q1174-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2941

Manual Integrations
 APPROVED

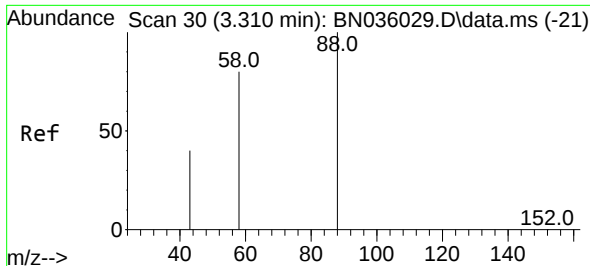
Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 27 14:22:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

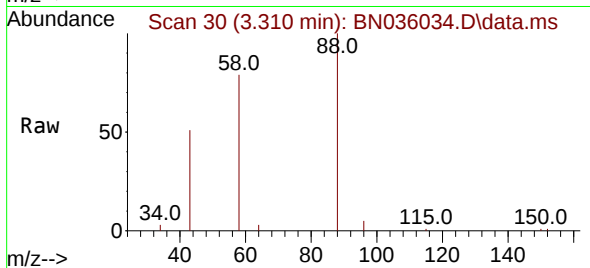
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2087	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	4876	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.446	164	4141	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.188	188	6338m	0.400	ng/ul	0.00
17) Chrysene-d12	21.374	240	6228	0.400	ng/ul	# 0.00
23) Perylene-d12	23.671	264	6101m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	11096	4.856	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	2114	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.216	212	5149	0.301	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	8048	3.299	ng/ul	93
5) Naphthalene	10.655	128	542	0.040	ng/ul#	8
7) 2-Methylnaphthalene	12.266	142	273	0.033	ng/ul	87
8) 1-Methylnaphthalene	12.486	142	252	0.030	ng/ul	88
14) Pentachlorophenol	16.842	266	303	0.136	ng/ul	97
15) Phenanthrene	17.230	178	1437	0.077	ng/ul#	41
16) Anthracene	17.323	178	2920	0.169	ng/ul#	1
19) Fluoranthene	19.249	202	571	0.024	ng/ul#	1
28) Dibenzo(a,h)anthracene	26.024	278	508	0.027	ng/ul#	1

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



#2
1,4-Dioxane
Concen: 3.299 ng/ul
RT: 3.310 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN036034.D
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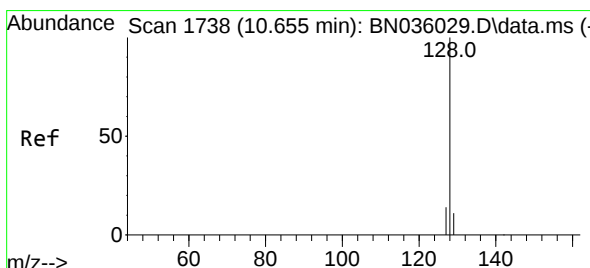
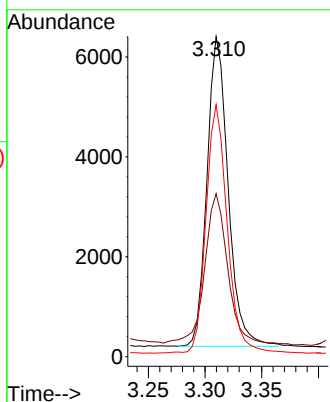
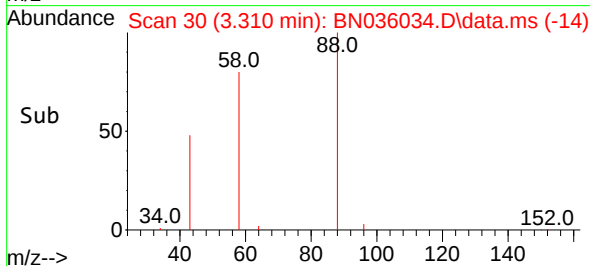
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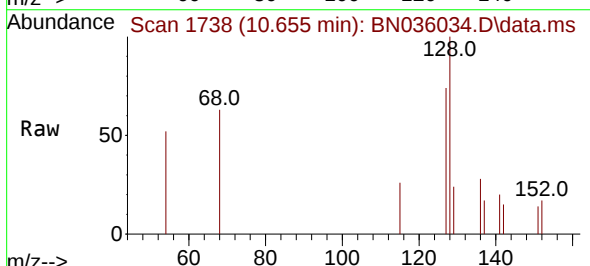
Tgt Ion: 88 Resp: 804
Ion Ratio Lower Upper
88 100
43 51.0 40.7 61.1
58 78.8 55.2 82.8

Manual Integrations
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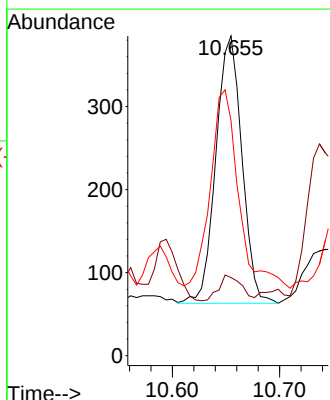
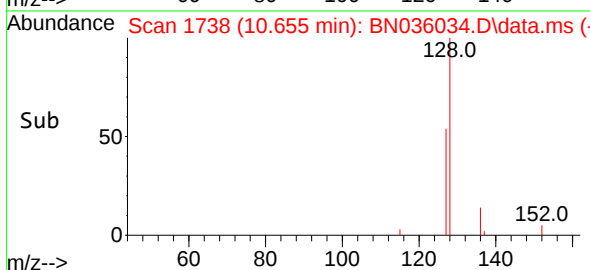
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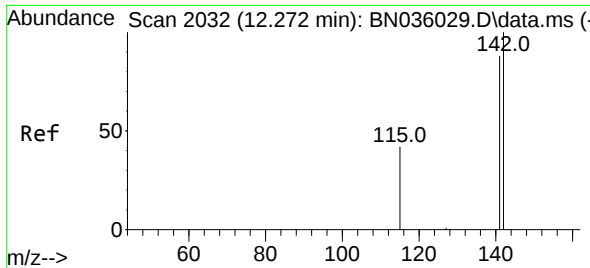


#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036034.D
Acq: 27 Jan 2025 13:31



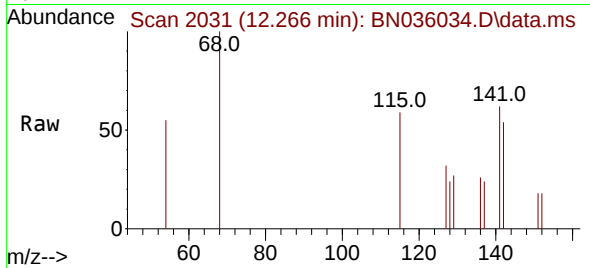
Tgt Ion:128 Resp: 542
Ion Ratio Lower Upper
128 100
129 24.4 9.6 14.4#
127 73.5 12.0 18.0#





#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.266 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BN036034.D
Acq: 27 Jan 2025 13:31

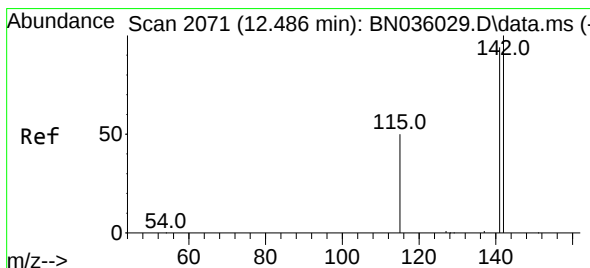
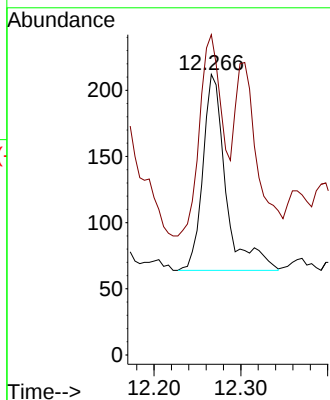
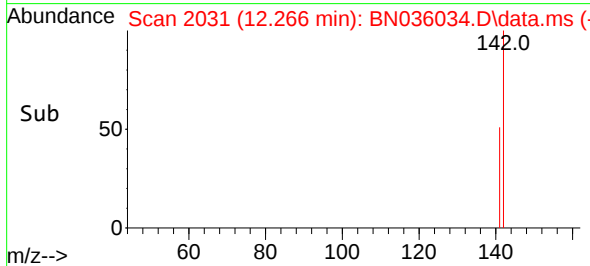
Instrument :
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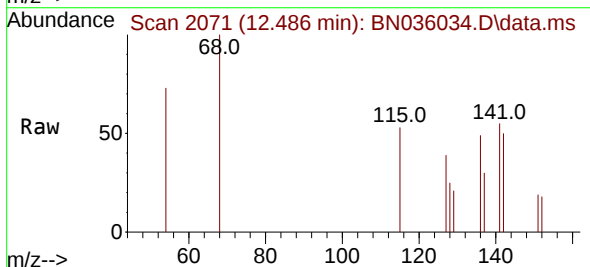
Tgt Ion:142 Resp: 273
Ion Ratio Lower Upper
142 100
141 102.2 71.9 107.9

Manual Integrations
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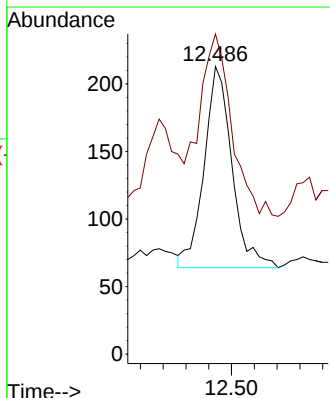
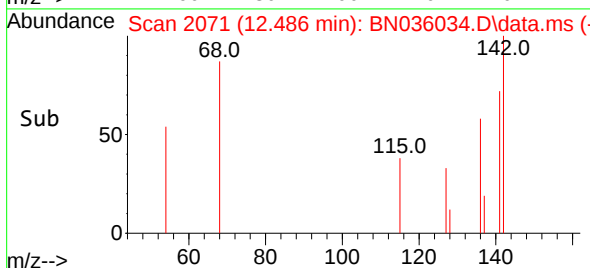
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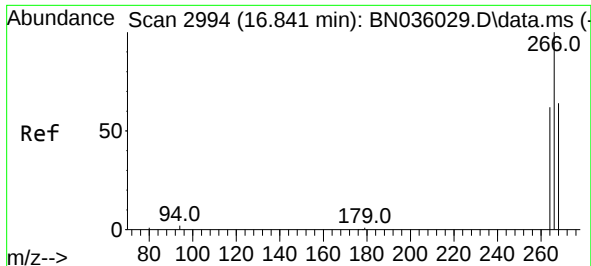


#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.486 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BN036034.D
Acq: 27 Jan 2025 13:31



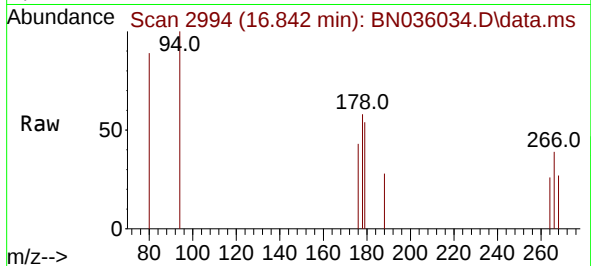
Tgt Ion:142 Resp: 252
Ion Ratio Lower Upper
142 100
141 105.2 75.2 112.8





#14
Pentachlorophenol
Concen: 0.136 ng/ul
RT: 16.842 min Scan# 2994
Delta R.T. 0.001 min
Lab File: BN036034.D
Acq: 27 Jan 2025 13:31

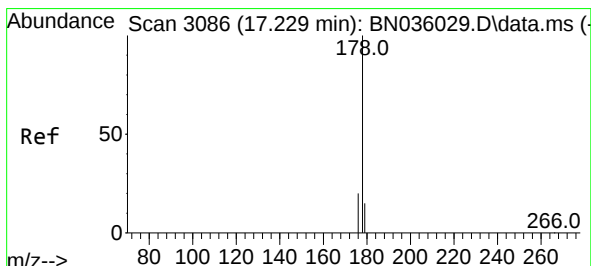
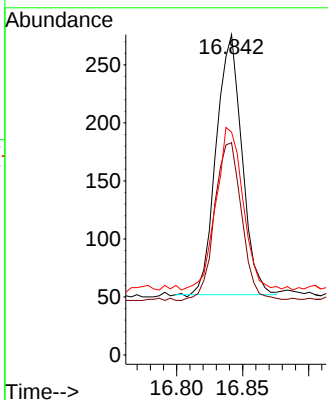
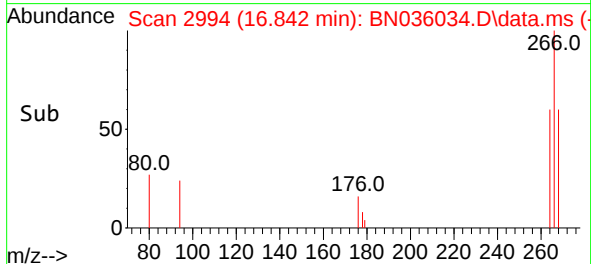
Instrument :
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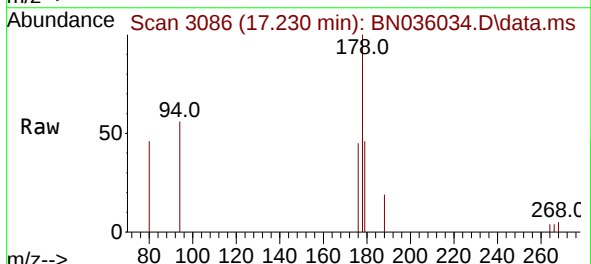
Tgt Ion:266 Resp: 300
Ion Ratio Lower Upper
266 100
264 64.4 50.6 75.8
268 67.3 50.6 75.8

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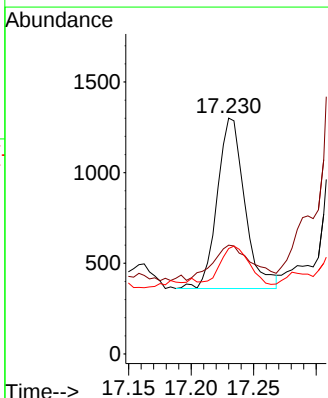
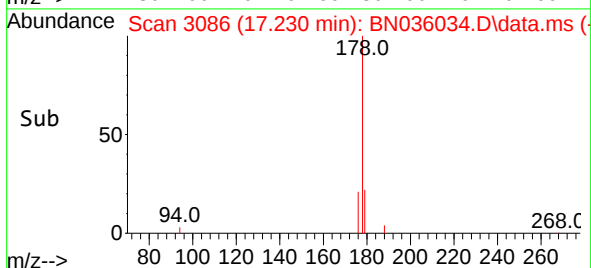
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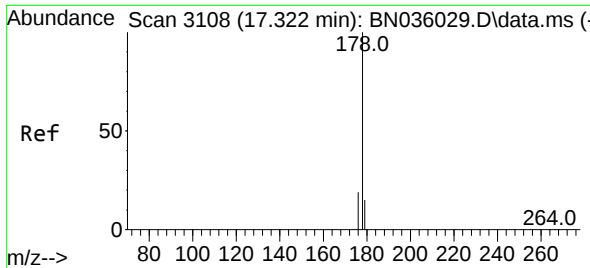


#15
Phenanthrene
Concen: 0.077 ng/ul
RT: 17.230 min Scan# 3086
Delta R.T. -0.003 min
Lab File: BN036034.D
Acq: 27 Jan 2025 13:31



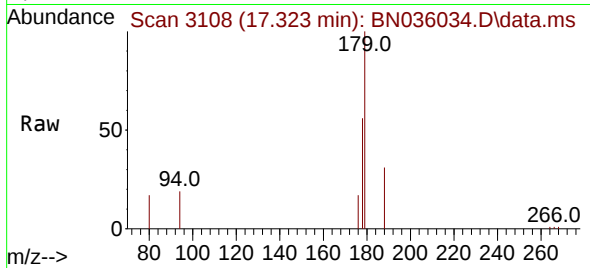
Tgt Ion:178 Resp: 1437
Ion Ratio Lower Upper
178 100
179 46.1 13.2 19.8#
176 44.7 16.8 25.2#





#16
 Anthracene
 Concen: 0.169 ng/ul
 RT: 17.323 min Scan# 3108
 Delta R.T. 0.001 min
 Lab File: BN036034.D
 Acq: 27 Jan 2025 13:31

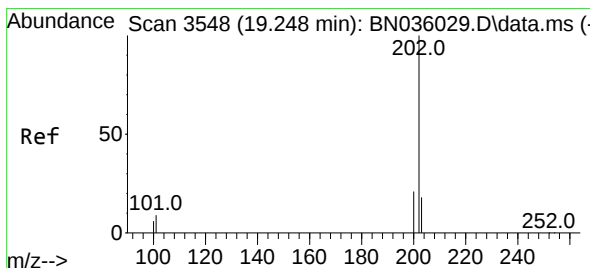
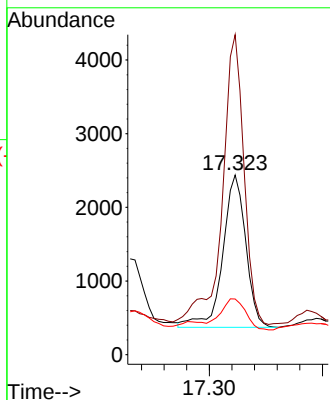
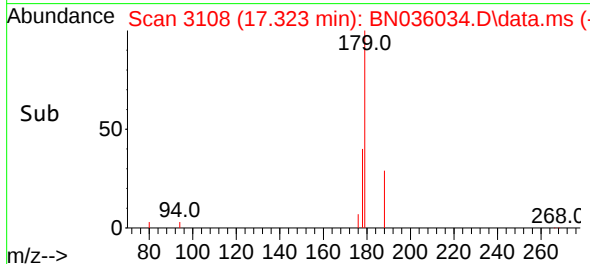
Instrument :
 BNA_N
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Tgt Ion:178 Resp: 2920
 Ion Ratio Lower Upper
 178 100
 179 178.0 13.0 19.4#
 176 31.0 15.9 23.9#

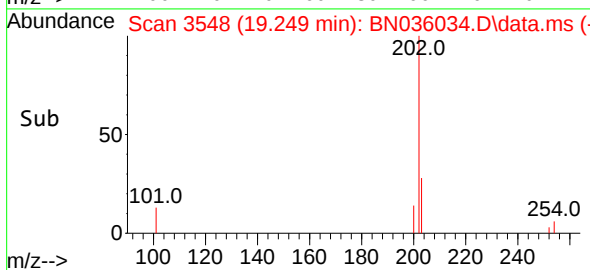
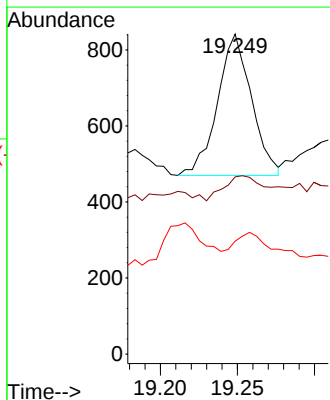
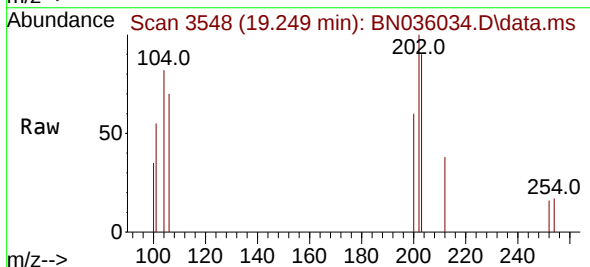
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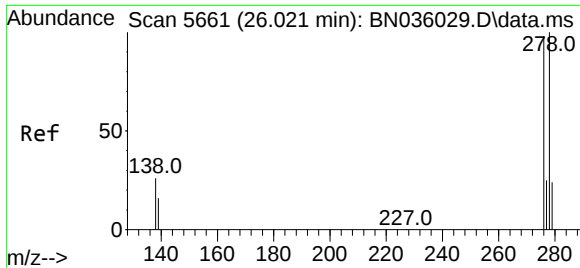
Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025



#19
 Fluoranthene
 Concen: 0.024 ng/ul
 RT: 19.249 min Scan# 3548
 Delta R.T. 0.001 min
 Lab File: BN036034.D
 Acq: 27 Jan 2025 13:31

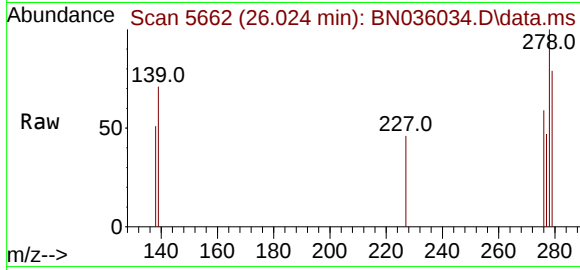
Tgt Ion:202 Resp: 571
 Ion Ratio Lower Upper
 202 100
 101 55.3 8.4 12.6#
 100 35.3 6.5 9.7#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.027 ng/ul
 RT: 26.024 min Scan# 50
 Delta R.T. 0.003 min
 Lab File: BN036034.D
 Acq: 27 Jan 2025 13:31

Instrument :
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Tgt Ion: 278 Resp: 500

Ion	Ratio	Lower	Upper
278	100		
139	70.7	15.4	23.2
279	78.7	22.2	33.4

Manual Integrations
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