

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032346.D
 Acq On : 29 Jun 2024 11:41
 Operator : MA/JU
 Sample : P2934-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B59

Quant Time: Jun 30 23:04:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

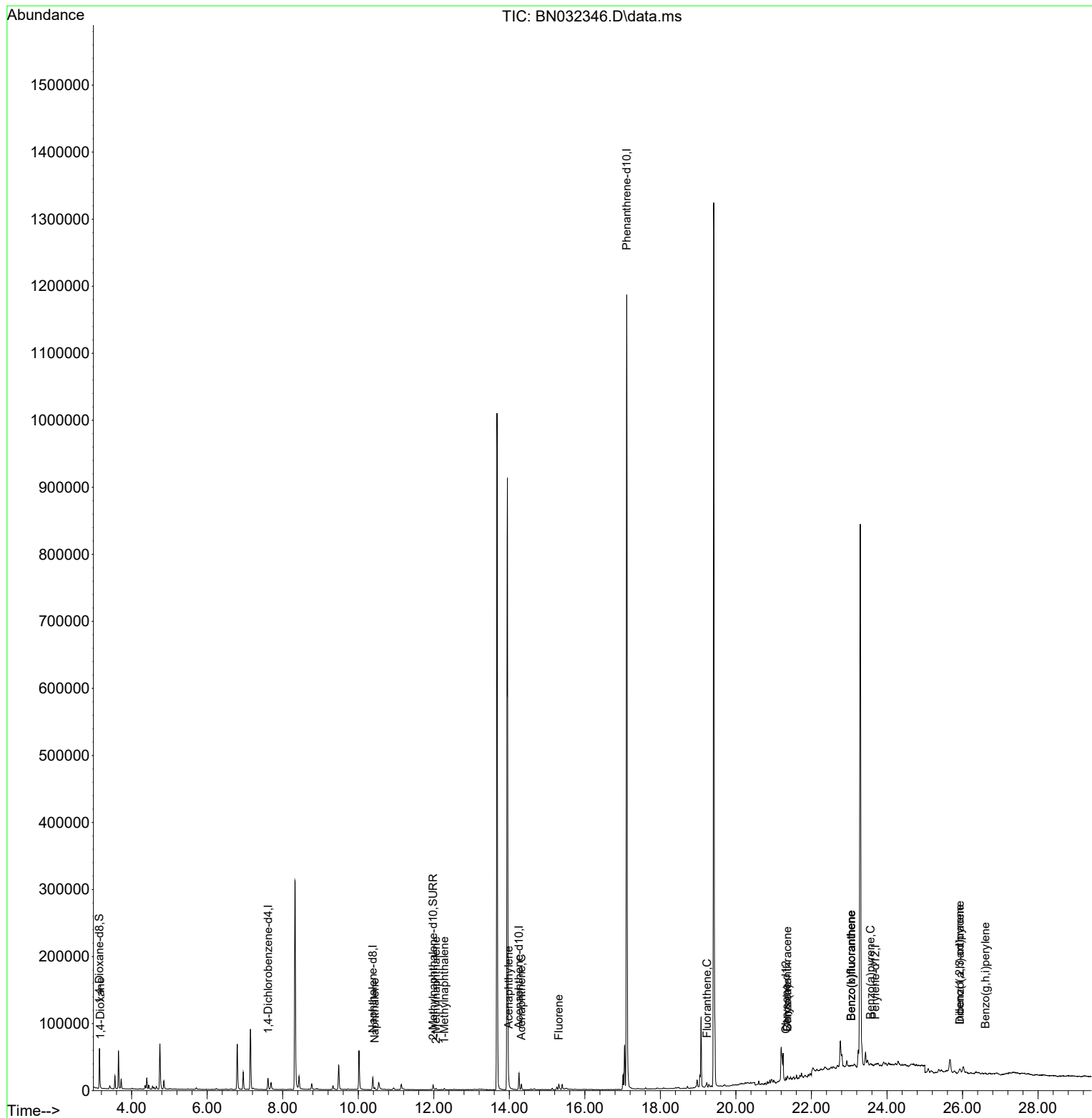
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	8865	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	25595	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	13791	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.109	188	1406838	0.400	ng/ul	0.08
17) Chrysene-d12	21.325	240	206	0.400	ng/ul	# 0.10
23) Perylene-d12	23.687	264	737	0.400	ng/ul	# 0.23
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	39007	3.959	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	9959	0.259	ng/ul	-0.02
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	305	0.027	ng/ul#	1
5) Naphthalene	10.437	128	3927	0.058	ng/ul#	90
7) 2-Methylnaphthalene	12.059	142	1514	0.034	ng/ul	99
8) 1-Methylnaphthalene	12.279	142	1403	0.030	ng/ul	97
10) Acenaphthylene	13.980	152	17760	0.310	ng/ul	98
11) Acenaphthene	14.318	153	4771	0.107	ng/ul	97
12) Fluorene	15.313	166	5909	0.111	ng/ul#	96
19) Fluoranthene	19.231	202	5317	6.778	ng/ul#	80
21) Benzo(a)anthracene	21.366	228	5458	7.341	ng/ul#	1
22) Chrysene	21.366	228	5763	7.062	ng/ul#	1
24) Benzo(b)fluoranthene	23.056	252	1821	0.569	ng/ul#	1
25) Benzo(k)fluoranthene	23.056	252	1967	0.632	ng/ul#	1
26) Benzo(a)pyrene	23.567	252	1007	0.452	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.925	276	3442	0.987	ng/ul#	49
28) Dibenzo(a,h)anthracene	25.931	278	10934	4.219	ng/ul#	1
29) Benzo(g,h,i)perylene	26.609	276	1223	0.440	ng/ul#	1

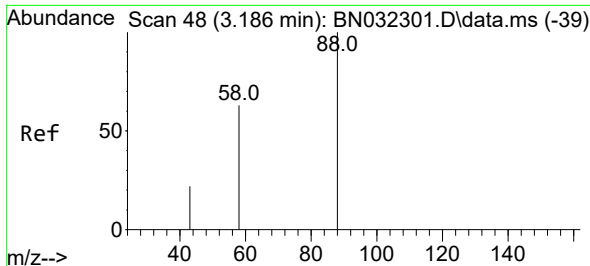
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
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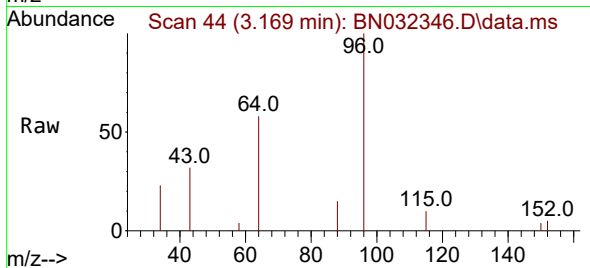
Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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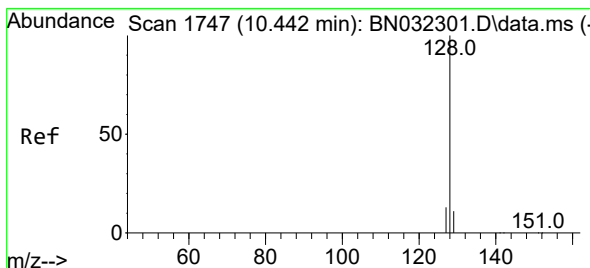
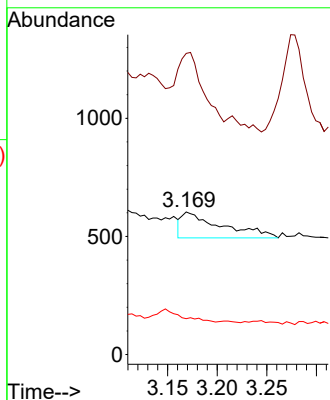
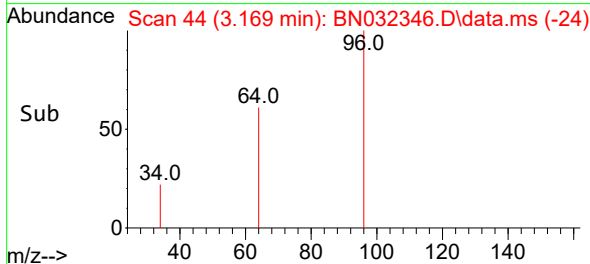


#2
 1,4-Dioxane
 Concen: 0.027 ng/ul
 RT: 3.169 min Scan# 44
 Delta R.T. -0.017 min
 Lab File: BN032346.D
 Acq: 29 Jun 2024 11:41

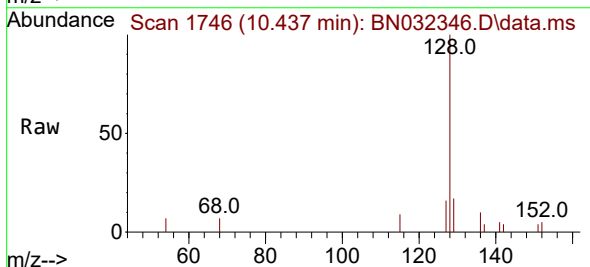
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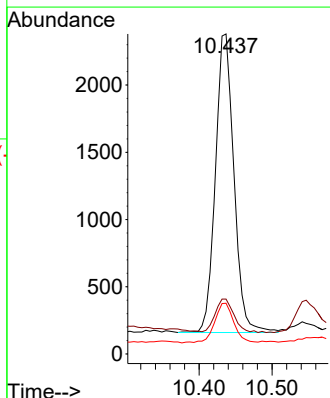
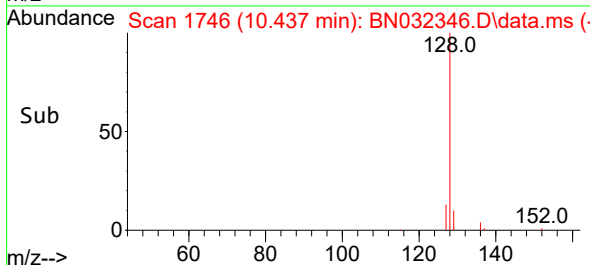
Tgt Ion: 88 Resp: 305
 Ion Ratio Lower Upper
 88 100
 43 211.1 28.4 42.6#
 58 25.2 43.3 64.9#

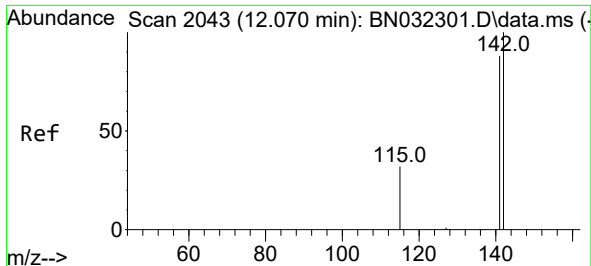


#5
 Naphthalene
 Concen: 0.058 ng/ul
 RT: 10.437 min Scan# 1746
 Delta R.T. -0.011 min
 Lab File: BN032346.D
 Acq: 29 Jun 2024 11:41



Tgt Ion: 128 Resp: 3927
 Ion Ratio Lower Upper
 128 100
 129 17.1 9.2 13.8#
 127 15.8 10.8 16.2

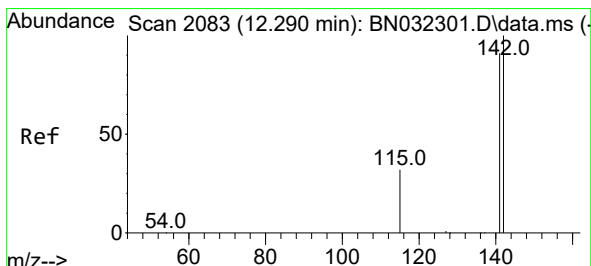
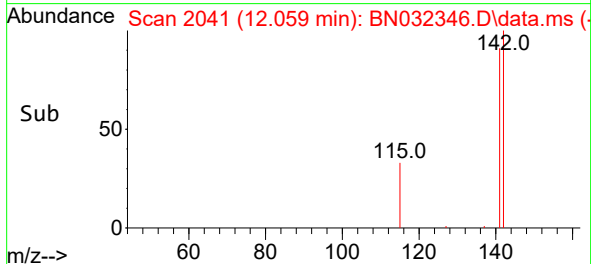
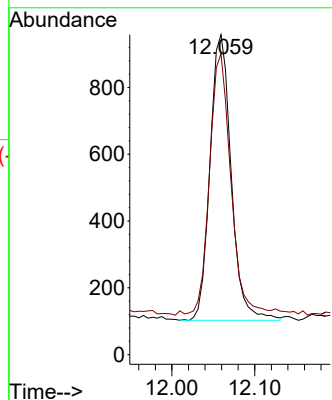
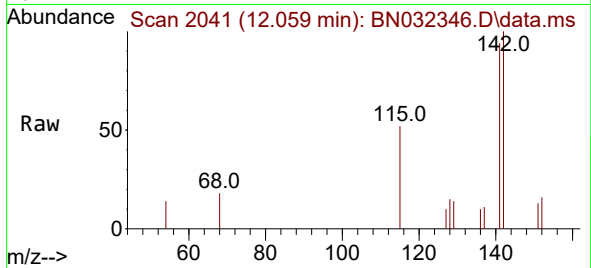




#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

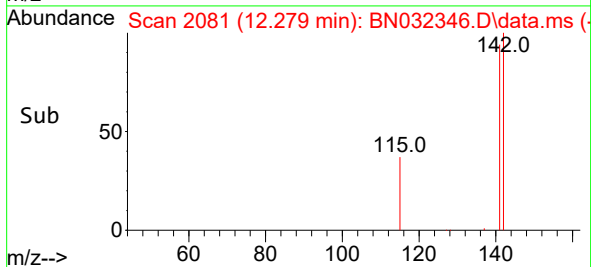
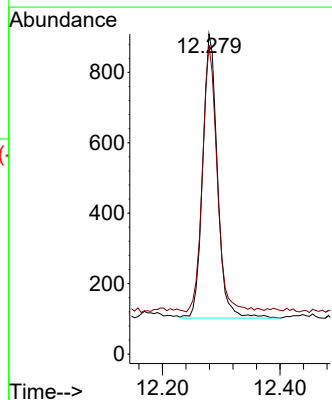
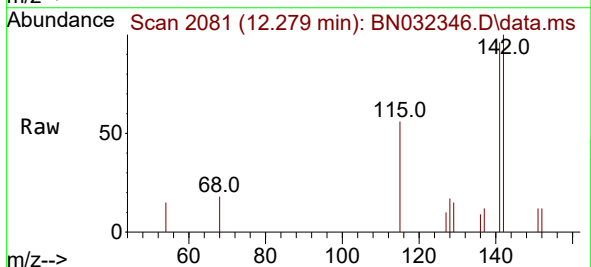
Instrument :
BNA_N
ClientSampleId :
A4B59

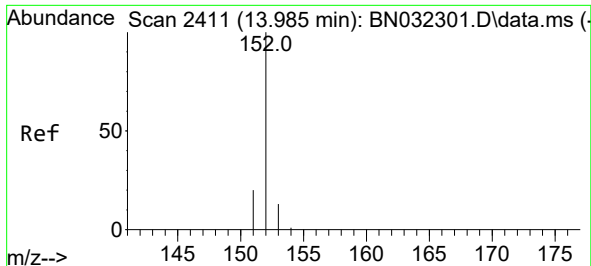
Tgt Ion:142 Resp: 1514
Ion Ratio Lower Upper
142 100
141 91.5 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.017 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

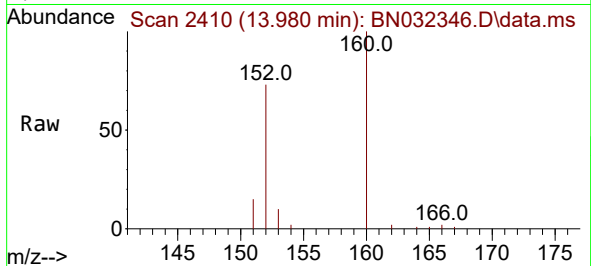
Tgt Ion:142 Resp: 1403
Ion Ratio Lower Upper
142 100
141 94.2 73.4 110.0



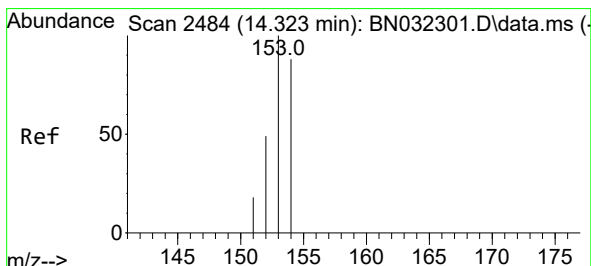
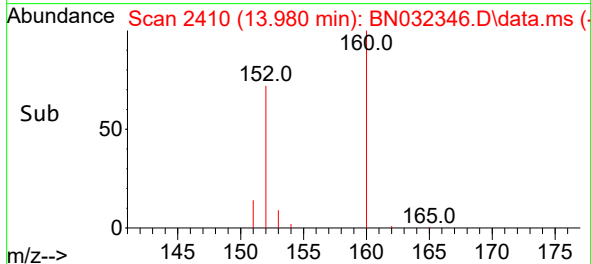
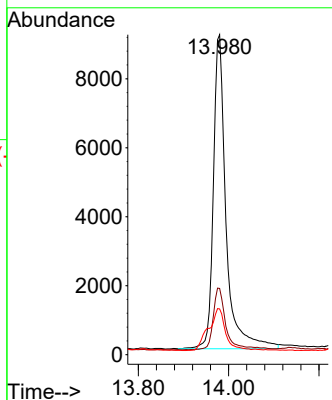


#10
Acenaphthylene
Concen: 0.310 ng/ul
RT: 13.980 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

Instrument :
BNA_N
ClientSampleId :
A4B59

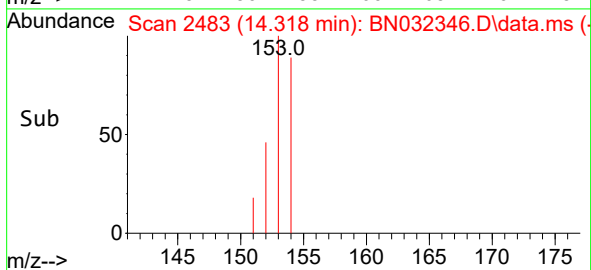
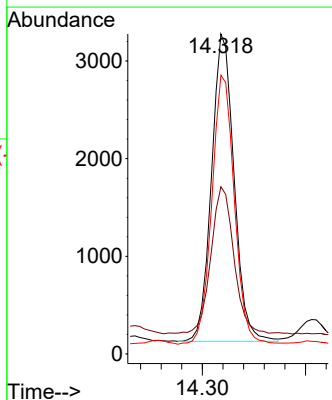
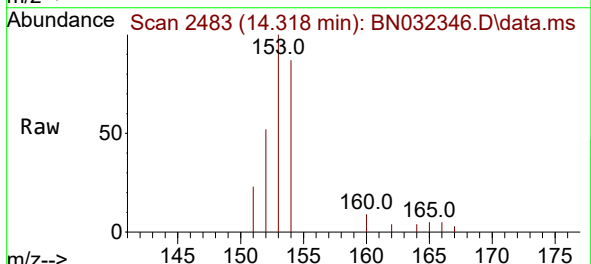


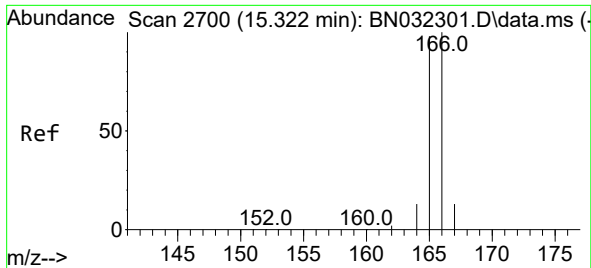
Tgt Ion:152 Resp: 17760
Ion Ratio Lower Upper
152 100
151 20.7 15.7 23.5
153 14.3 10.9 16.3



#11
Acenaphthene
Concen: 0.107 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

Tgt Ion:153 Resp: 4771
Ion Ratio Lower Upper
153 100
152 52.2 39.5 59.3
154 87.1 71.7 107.5

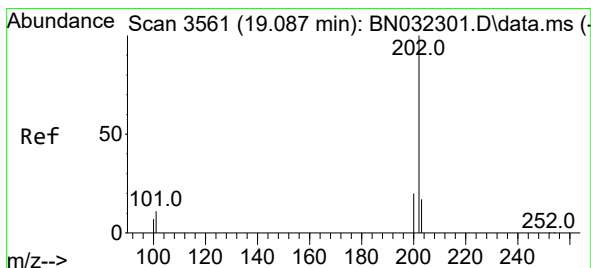
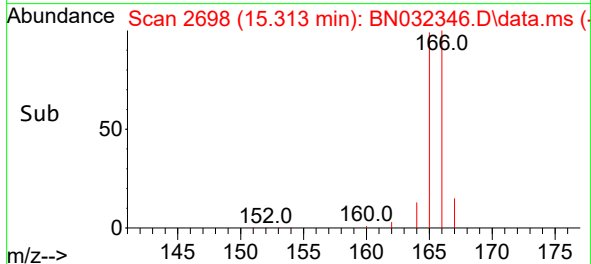
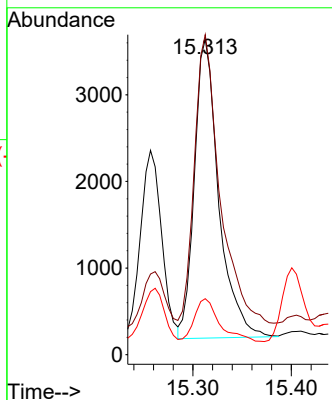
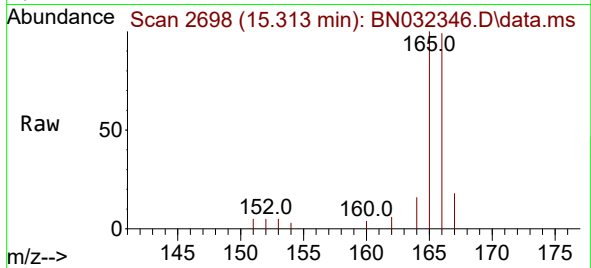




#12
Fluorene
Concen: 0.111 ng/ul
RT: 15.313 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

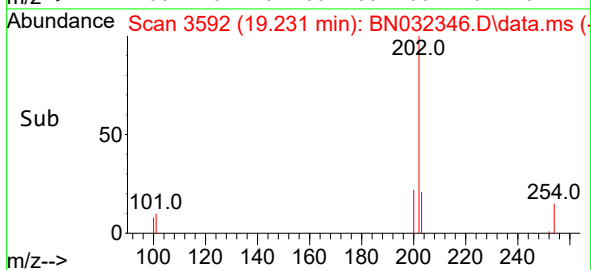
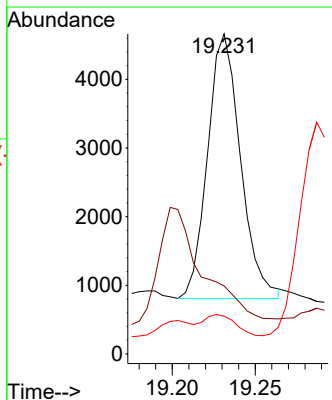
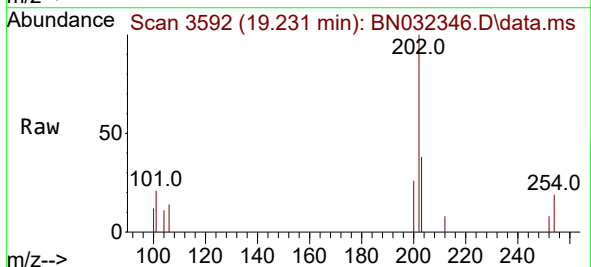
Instrument :
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ClientSampleId :
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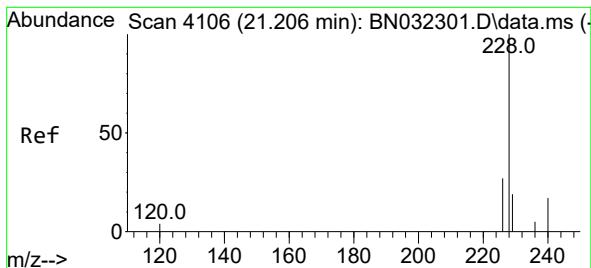
Tgt Ion:166 Resp: 5909
Ion Ratio Lower Upper
166 100
165 101.5 79.0 118.6
167 17.8 11.0 16.6#



#19
Fluoranthene
Concen: 6.778 ng/ul
RT: 19.231 min Scan# 3592
Delta R.T. 0.139 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

Tgt Ion:202 Resp: 5317
Ion Ratio Lower Upper
202 100
101 21.3 8.8 13.2#
100 11.8 6.4 9.6#





#21

Benzo(a)anthracene

Concen: 7.341 ng/ul

RT: 21.366 min Scan# 41

Delta R.T. 0.152 min

Lab File: BN032346.D

Acq: 29 Jun 2024 11:41

Instrument :

BNA_N

ClientSampleId :

A4B59

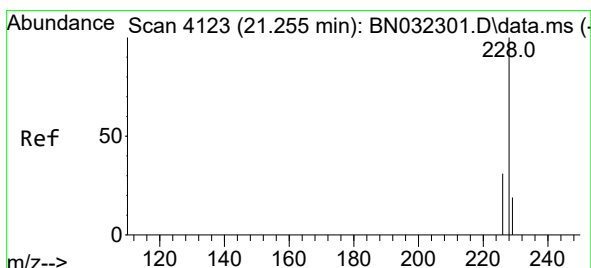
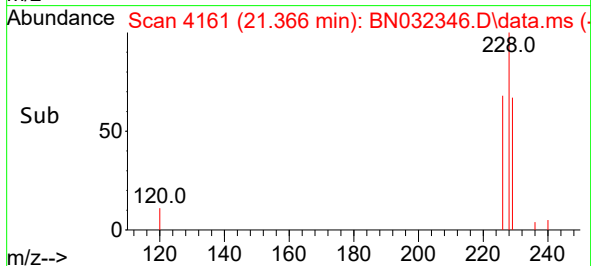
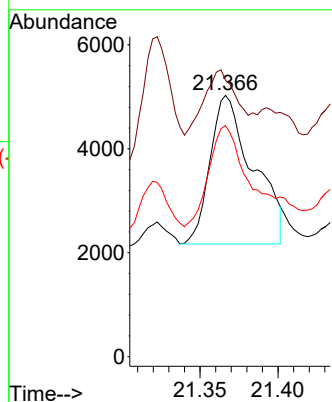
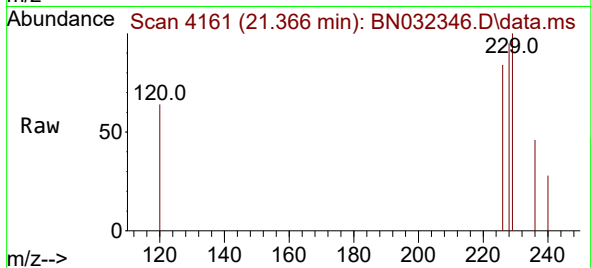
Tgt Ion:228 Resp: 5458

Ion Ratio Lower Upper

228 100

229 105.8 15.7 23.5#

226 88.4 21.8 32.8#



#22

Chrysene

Concen: 7.062 ng/ul

RT: 21.366 min Scan# 4161

Delta R.T. 0.099 min

Lab File: BN032346.D

Acq: 29 Jun 2024 11:41

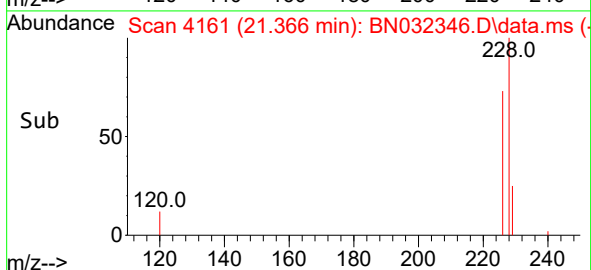
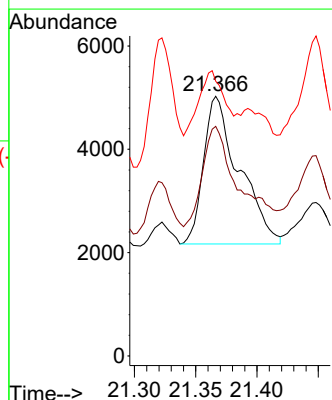
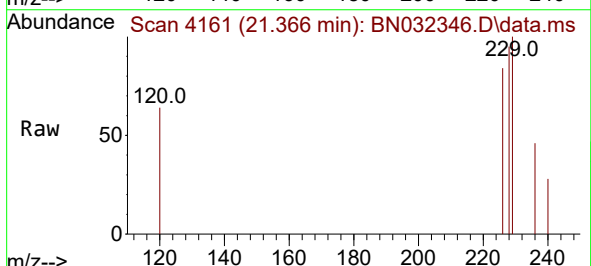
Tgt Ion:228 Resp: 5763

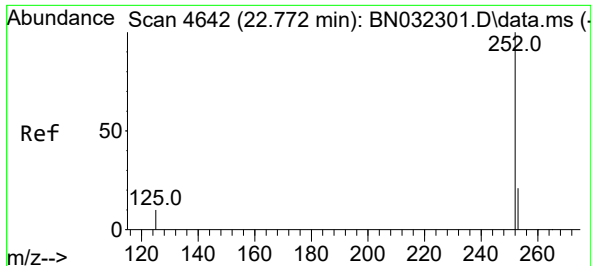
Ion Ratio Lower Upper

228 100

226 88.4 23.6 35.4#

229 105.8 15.7 23.5#

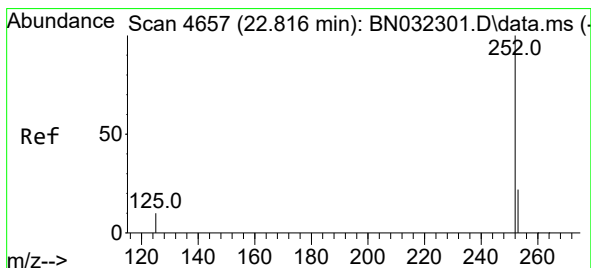
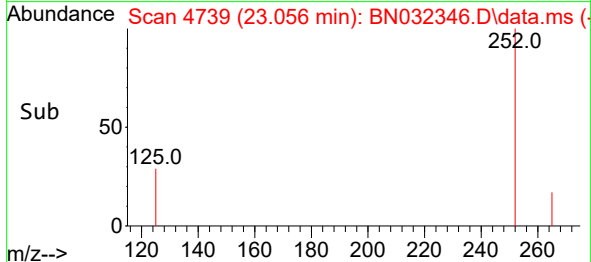
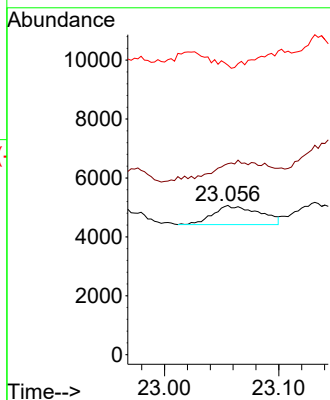
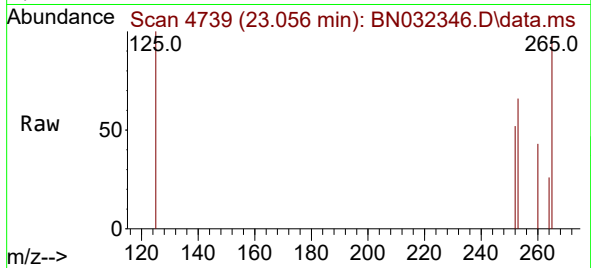




#24
Benzo(b)fluoranthene
Concen: 0.569 ng/ul
RT: 23.056 min Scan# 4739
Delta R.T. 0.272 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

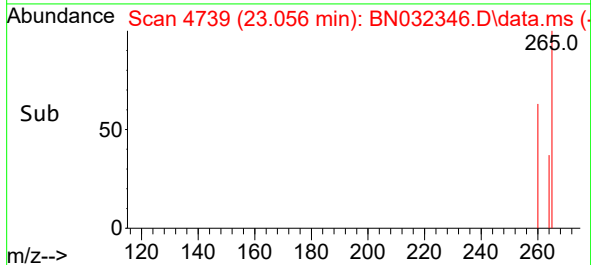
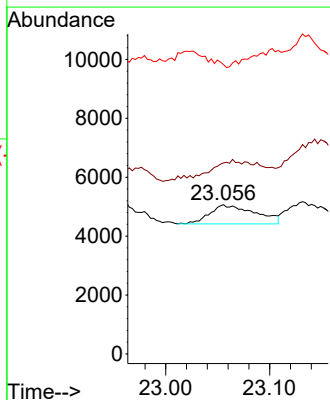
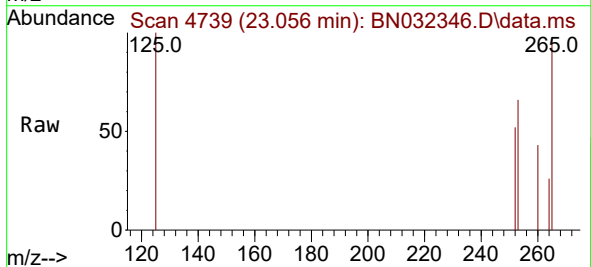
Instrument :
BNA_N
ClientSampleId :
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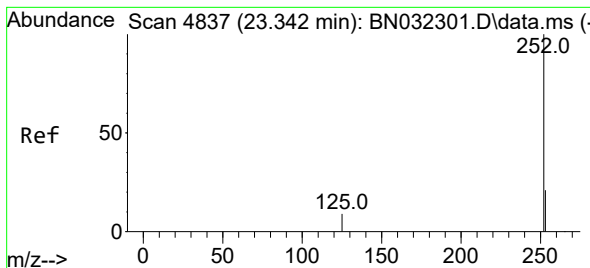
Tgt Ion:252 Resp: 1821
Ion Ratio Lower Upper
252 100
253 128.0 0.0 50.2#
125 193.9 0.0 32.0#



#25
Benzo(k)fluoranthene
Concen: 0.632 ng/ul
RT: 23.056 min Scan# 4739
Delta R.T. 0.228 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

Tgt Ion:252 Resp: 1967
Ion Ratio Lower Upper
252 100
253 128.0 20.3 30.5#
125 193.9 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 0.452 ng/ul

RT: 23.567 min Scan# 4914

Delta R.T. 0.208 min

Lab File: BN032346.D

Acq: 29 Jun 2024 11:41

Instrument :

BNA_N

ClientSampleId :

A4B59

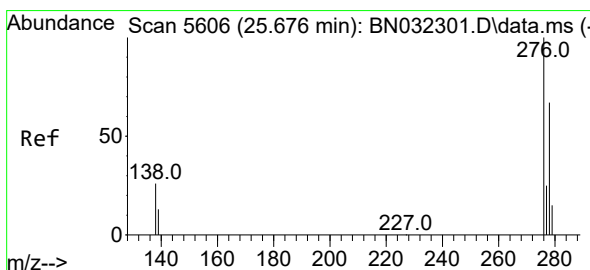
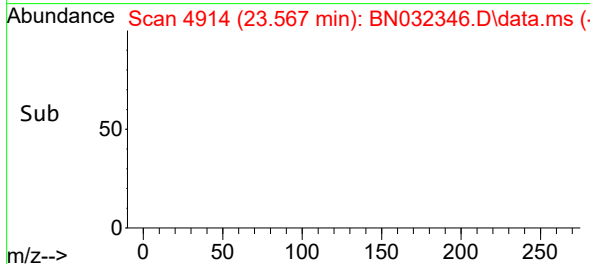
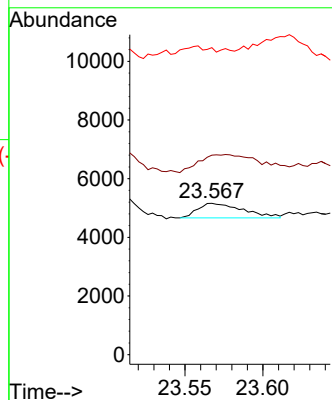
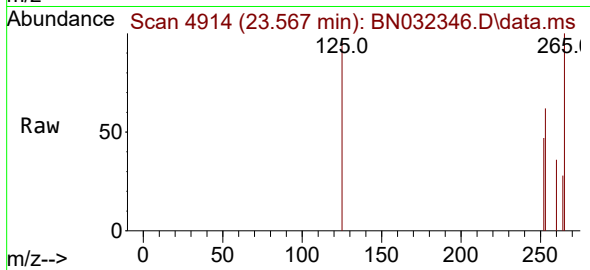
Tgt Ion:252 Resp: 1007

Ion Ratio Lower Upper

252 100

253 131.8 22.2 33.2#

125 202.8 16.4 24.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.987 ng/ul

RT: 25.925 min Scan# 5680

Delta R.T. 0.225 min

Lab File: BN032346.D

Acq: 29 Jun 2024 11:41

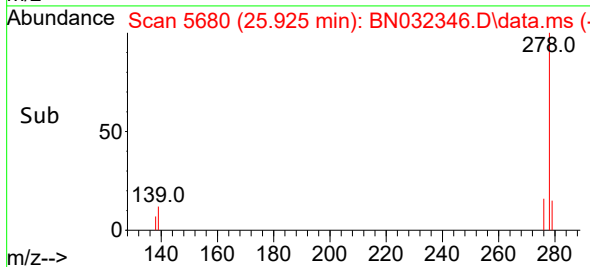
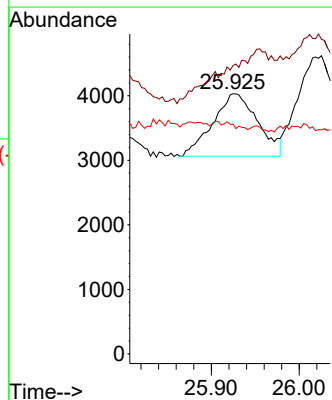
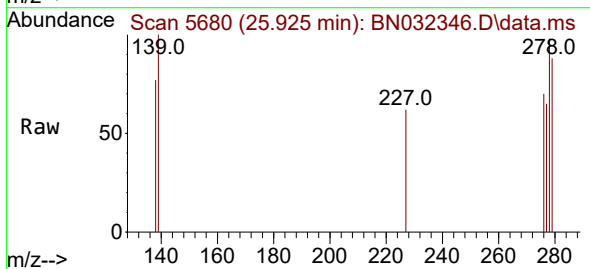
Tgt Ion:276 Resp: 3442

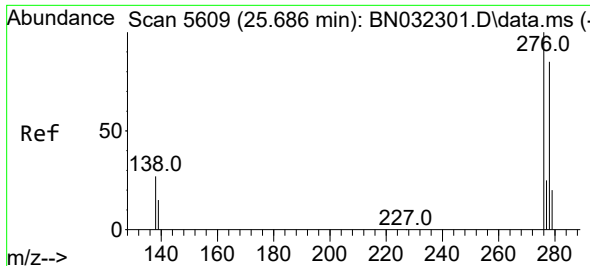
Ion Ratio Lower Upper

276 100

138 0.0 21.3 31.9#

227 0.0 0.1 0.1#

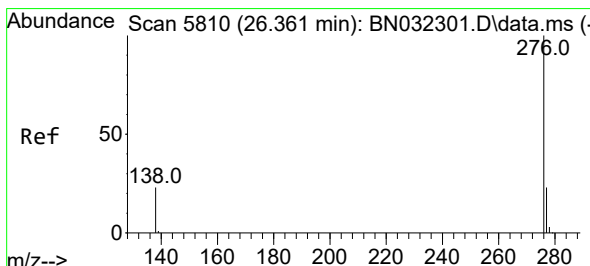
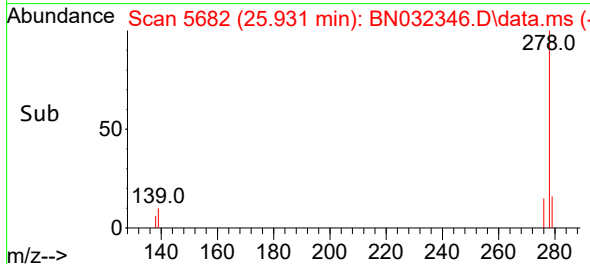
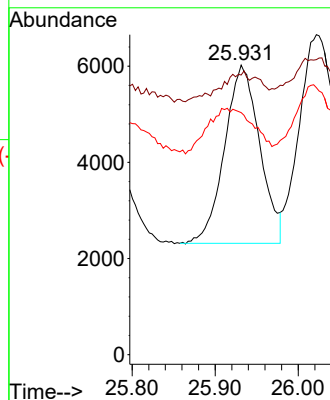
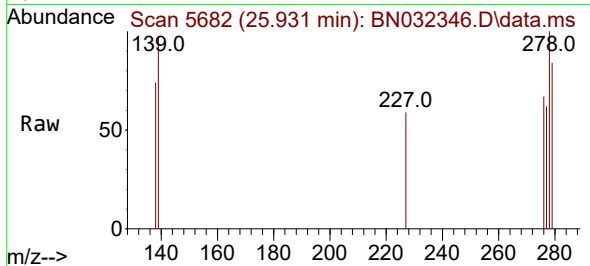




#28
Dibenzo(a,h)anthracene
Concen: 4.219 ng/ul
RT: 25.931 min Scan# 5093
Delta R.T. 0.221 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

Instrument :
BNA_N
ClientSampleId :
A4B59

Tgt Ion:278 Resp: 10934
Ion Ratio Lower Upper
278 100
139 96.6 15.9 23.9#
279 83.6 21.1 31.7#



#29
Benzo(g,h,i)perylene
Concen: 0.440 ng/ul
RT: 26.609 min Scan# 5884
Delta R.T. 0.228 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

Tgt Ion:276 Resp: 1223
Ion Ratio Lower Upper
276 100
138 122.2 19.8 29.6#
277 104.2 19.8 29.6#

