

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015497.D
 Acq On : 12 Jul 2021 19:34
 Operator : CG/JU
 Sample : M2808-17DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDW9DL

Manual Integrations
 APPROVED

mohammad
 7/13/2021 1:44:09 PM

Quant Time: Jul 13 04:57:07 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	3134	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	11019	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	5754	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	11406	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	9650	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	8579	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1600	0.453	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	499	0.029	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	1234	0.039	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	2669	0.076	ng/ul#	93
10) Acenaphthylene	14.164	152	5916	0.199	ng/ul	98
11) Acenaphthene	14.506	153	3597	0.158	ng/ul	99
12) Fluorene	15.492	166	3668	0.146	ng/ul	97
15) Phenanthrene	17.234	178	60752	1.468	ng/ul	100
16) Anthracene	17.322	178	28673	0.786	ng/ul	99
19) Fluoranthene	19.252	202	183864	4.123	ng/ul	98
20) Pyrene	19.615	202	134912	3.017	ng/ul	98
21) Benzo(a)anthracene	21.369	228	87243	2.441	ng/ul	96
22) Chrysene	21.421	228	71598	1.673	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	78842m	1.967	ng/ul	
25) Benzo(k)fluoranthene	23.070	252	33401m	0.738	ng/ul	
26) Benzo(a)pyrene	23.634	252	48673	1.446	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.155	276	30108	0.741	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.172	278	8849	0.278	ng/ul#	92
29) Benzo(g,h,i)perylene	26.903	276	2951	0.078	ng/ul#	79

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

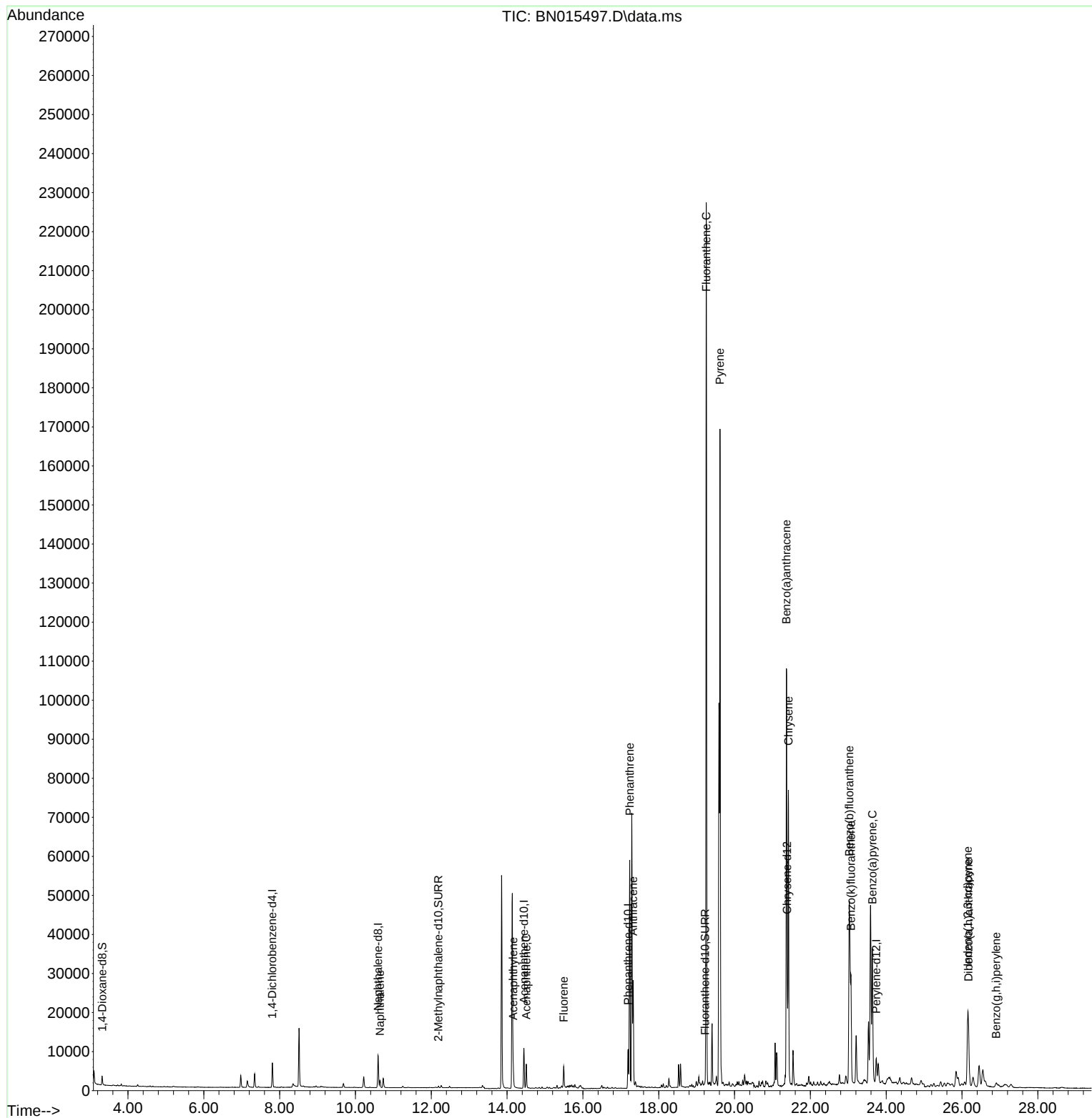
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015497.D
Acq On : 12 Jul 2021 19:34
Operator : CG/JU
Sample : M2808-17DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

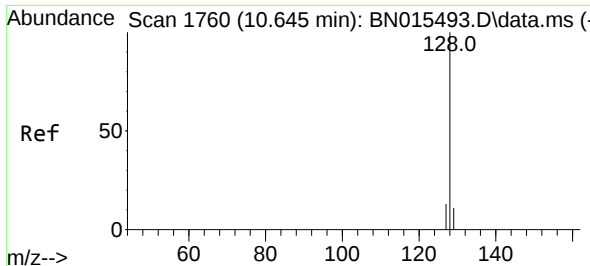
Instrument :
BNA_N
ClientSampleId :
BGDW9DL

Manual Integrations
APPROVED

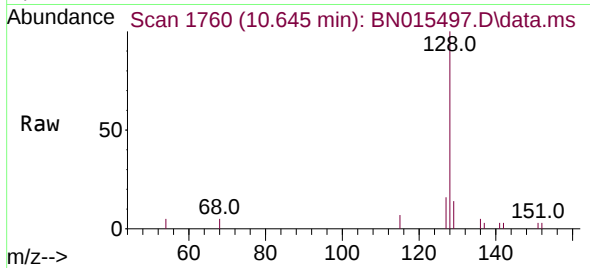
mohammad
7/13/2021 1:44:09 PM

Quant Time: Jul 13 04:57:07 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

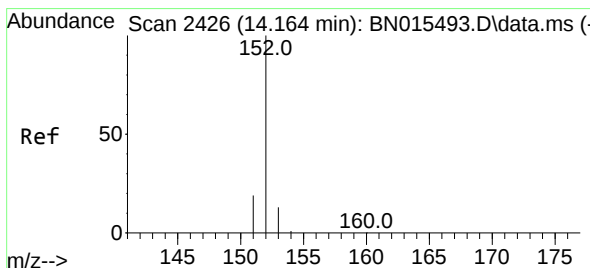
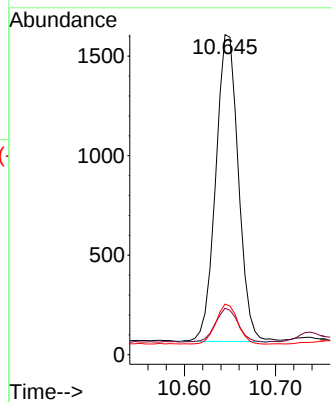
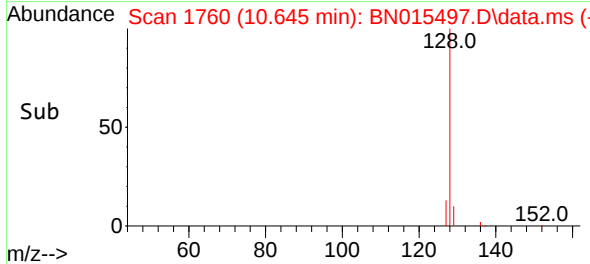




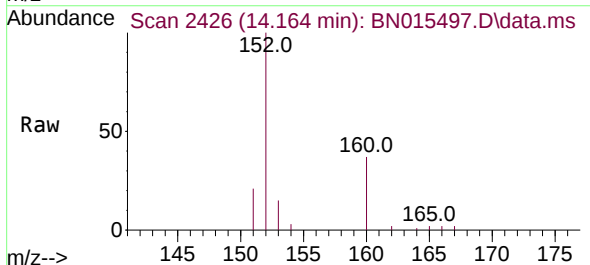
#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.645 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015497.D
Acq: 12 Jul 2021 19:34



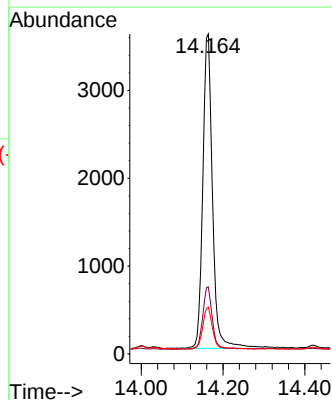
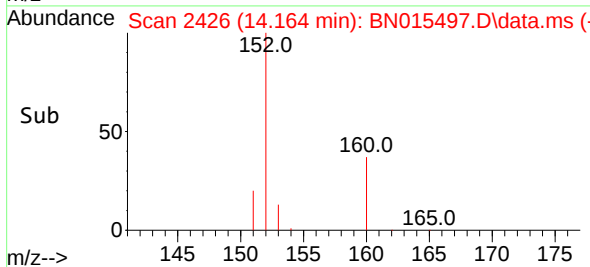
Tgt Ion:128 Resp: 2669
Ion Ratio Lower Upper
128 100
129 14.5 9.3 13.9#
127 15.8 10.8 16.2



#10
Acenaphthylene
Concen: 0.199 ng/ul
RT: 14.164 min Scan# 2426
Delta R.T. 0.005 min
Lab File: BN015497.D
Acq: 12 Jul 2021 19:34



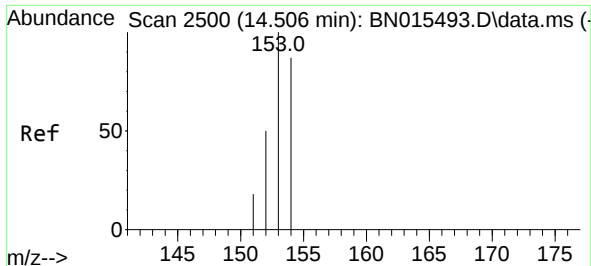
Tgt Ion:152 Resp: 5916
Ion Ratio Lower Upper
152 100
151 21.0 16.0 24.0
153 14.6 10.9 16.3



Instrument :
BNA_N
ClientSampleId :
BGDW9DL

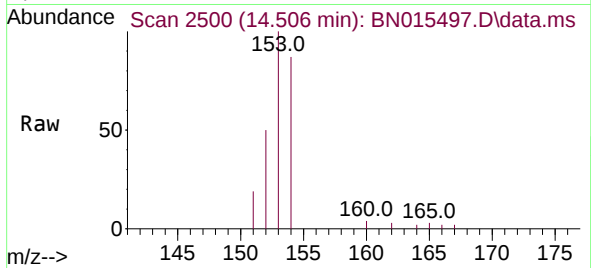
Manual Integrations
APPROVED

mohammad
7/13/2021 1:44:09 PM

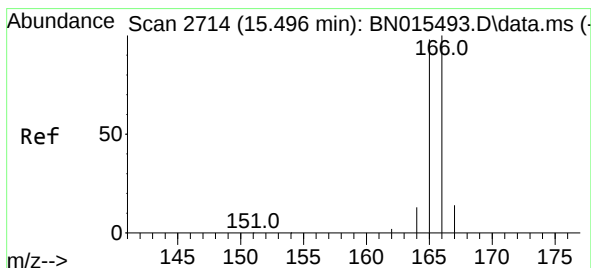
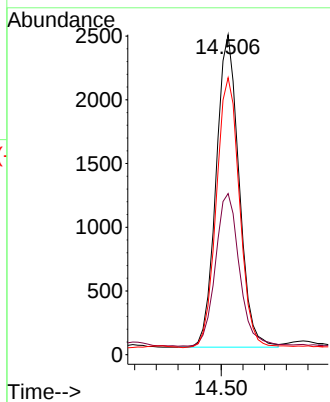
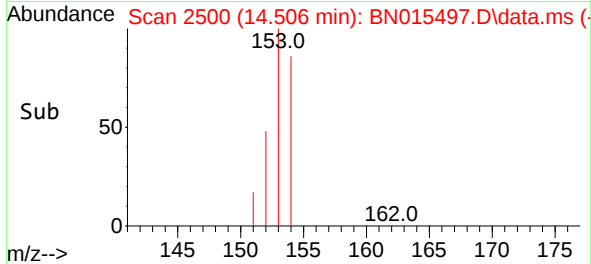


#11
Acenaphthene
Concen: 0.158 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN015497.D
Acq: 12 Jul 2021 19:34

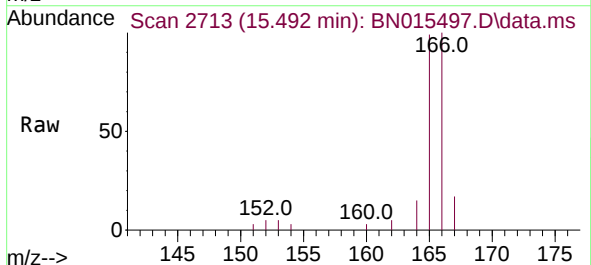
Instrument :
BNA_N
ClientSampleId :
BGDW9DL



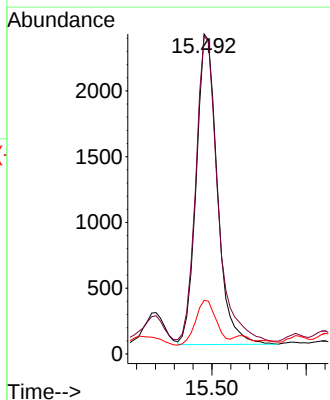
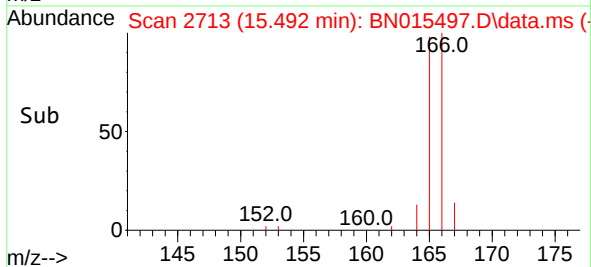
Tgt Ion:153 Resp: 3597
Ion Ratio Lower Upper
153 100
152 50.4 39.8 59.6
154 86.5 69.8 104.8

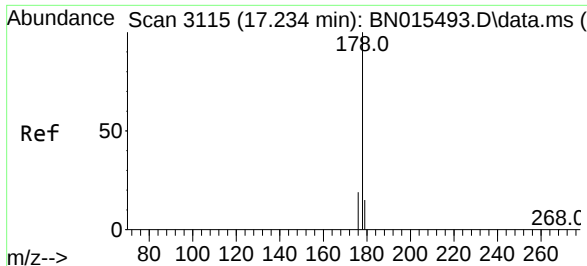


#12
Fluorene
Concen: 0.146 ng/ul
RT: 15.492 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN015497.D
Acq: 12 Jul 2021 19:34



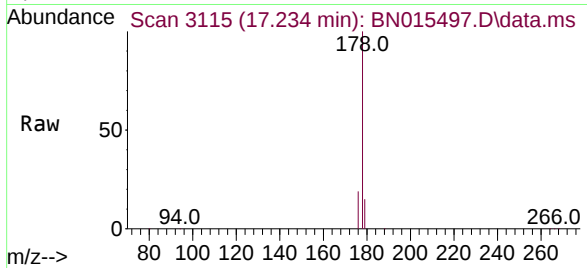
Tgt Ion:166 Resp: 3668
Ion Ratio Lower Upper
166 100
165 99.5 77.8 116.8
167 16.8 11.2 16.8





#15
Phenanthrene
Concen: 1.468 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015497.D
Acq: 12 Jul 2021 19:34

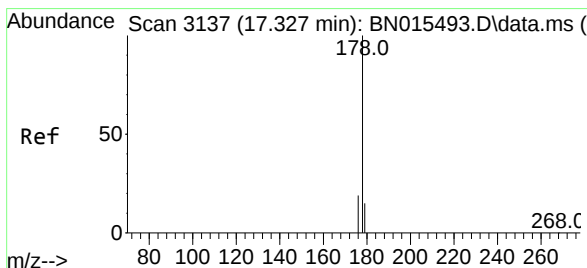
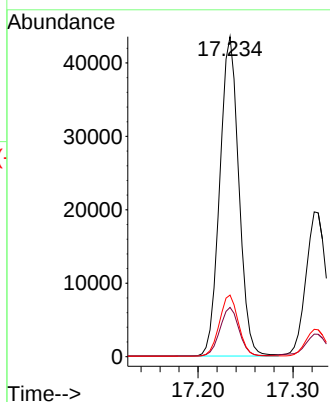
Instrument :
BNA_N
ClientSampled :
BGDW9DL



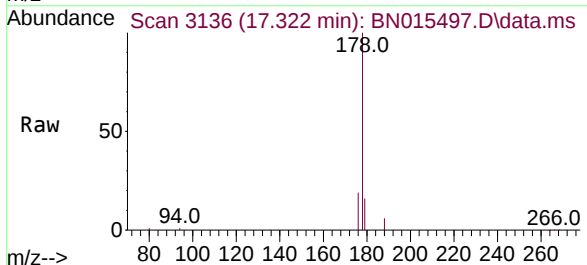
Tgt Ion:178 Resp: 60752
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.2 15.5 23.3

Manual Integrations
APPROVED

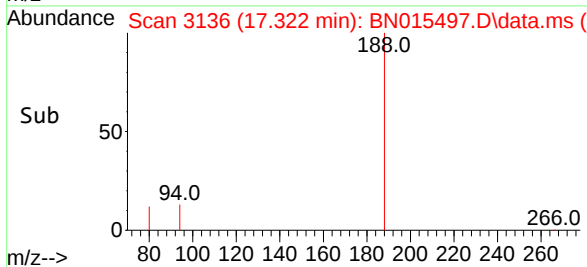
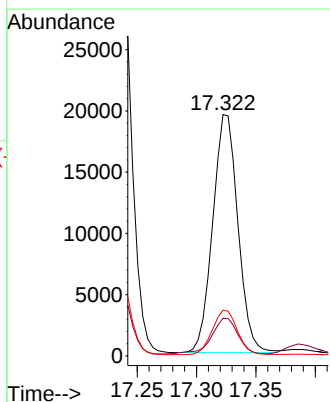
mohammad
7/13/2021 1:44:09 PM

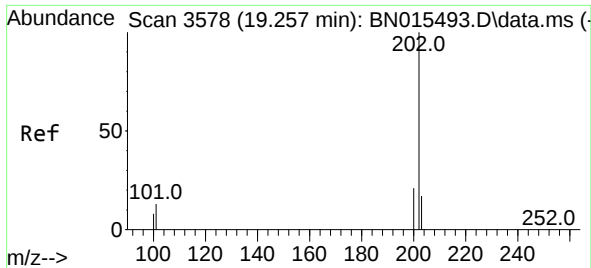


#16
Anthracene
Concen: 0.786 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN015497.D
Acq: 12 Jul 2021 19:34



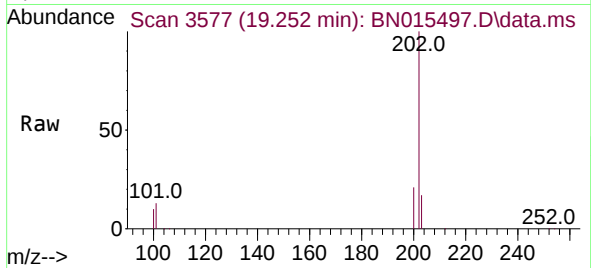
Tgt Ion:178 Resp: 28673
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 18.9 15.2 22.8





#19
Fluoranthene
Concen: 4.123 ng/ul
RT: 19.252 min Scan# 3577
Delta R.T. -0.005 min
Lab File: BN015497.D
Acq: 12 Jul 2021 19:34

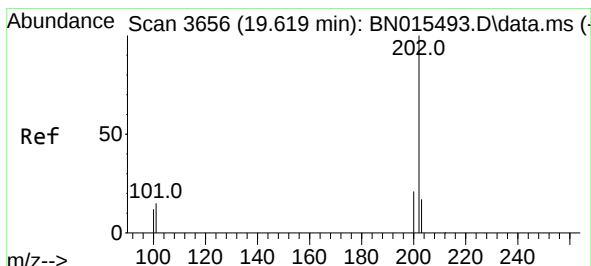
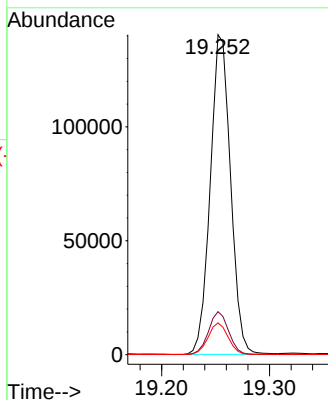
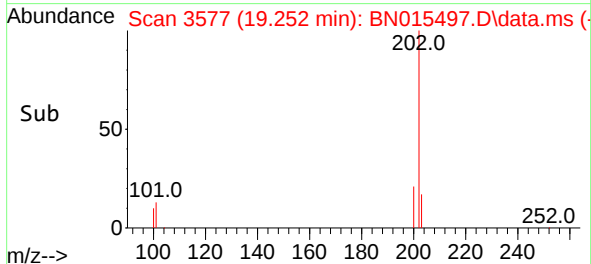
Instrument :
BNA_N
ClientSampleId :
BGDW9DL



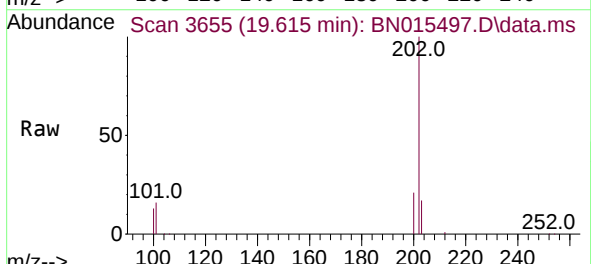
Tgt Ion:202 Resp: 183864
Ion Ratio Lower Upper
202 100
101 13.5 10.1 15.1
100 9.9 7.4 11.0

Manual Integrations
APPROVED

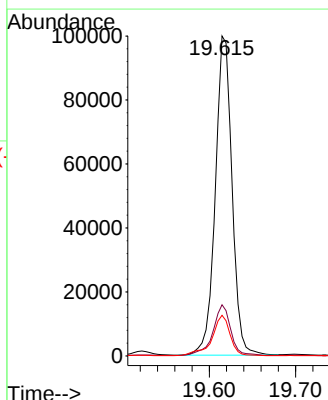
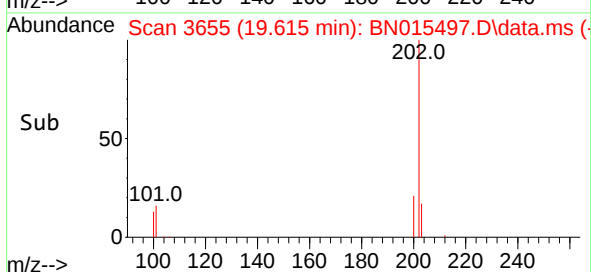
mohammad
7/13/2021 1:44:09 PM

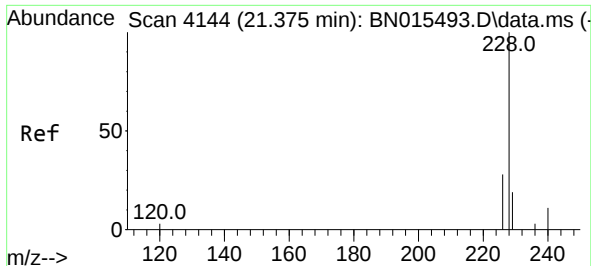


#20
Pyrene
Concen: 3.017 ng/ul
RT: 19.615 min Scan# 3655
Delta R.T. -0.005 min
Lab File: BN015497.D
Acq: 12 Jul 2021 19:34



Tgt Ion:202 Resp: 134912
Ion Ratio Lower Upper
202 100
101 16.0 12.0 18.0
100 12.7 9.6 14.4





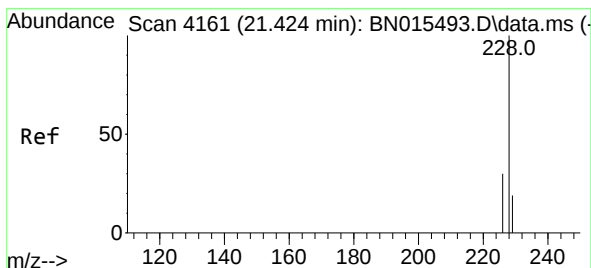
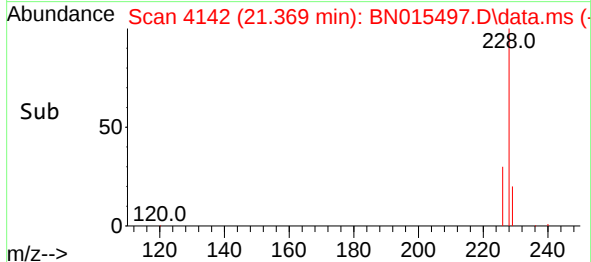
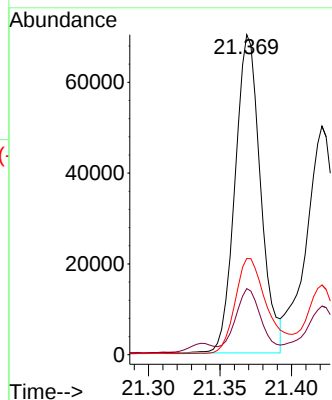
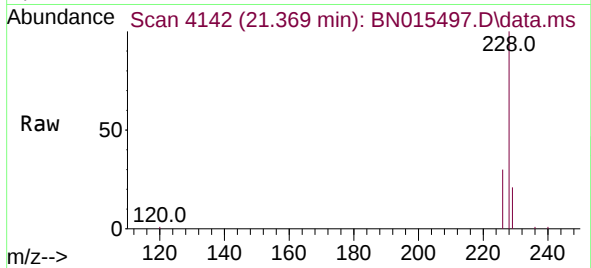
#21
Benzo(a)anthracene
Concen: 2.441 ng/ul
RT: 21.369 min Scan# 4142
Delta R.T. -0.006 min
Lab File: BN015497.D
Acq: 12 Jul 2021 19:34

Tgt Ion:228 Resp: 87243
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 30.1 21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGDW9DL

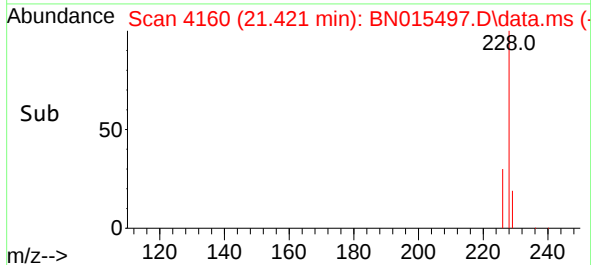
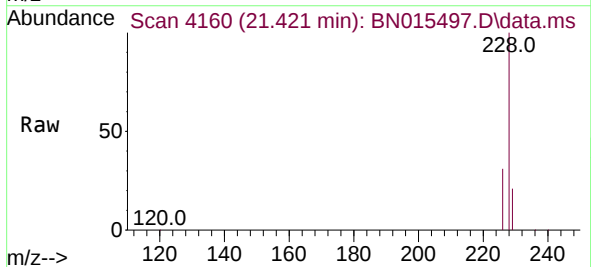
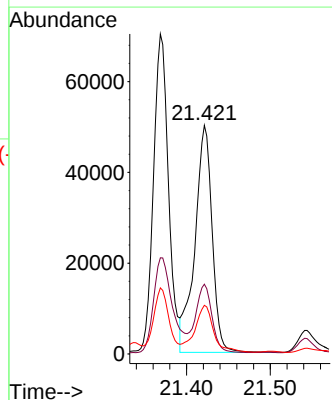
Manual Integrations
APPROVED

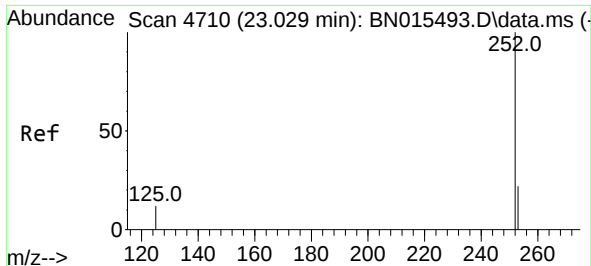
mohammad
7/13/2021 1:44:09 PM



#22
Chrysene
Concen: 1.673 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BN015497.D
Acq: 12 Jul 2021 19:34

Tgt Ion:228 Resp: 71598
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 21.3 15.7 23.5





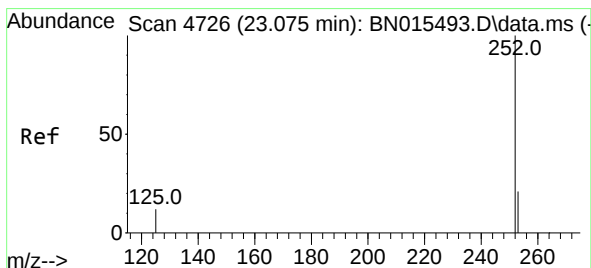
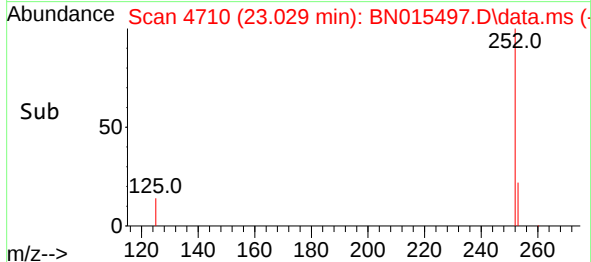
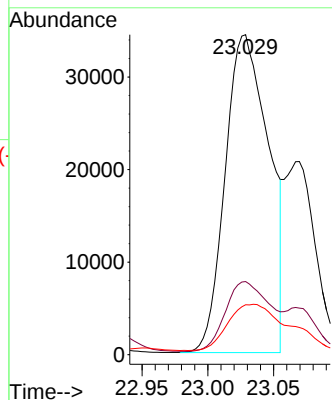
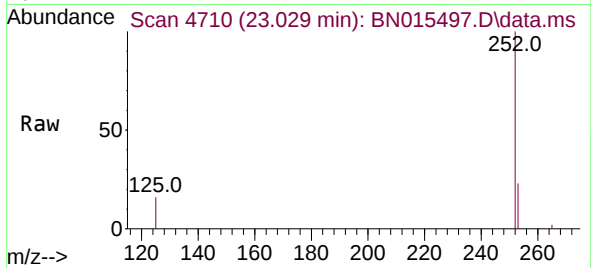
#24
Benzo(b)fluoranthene
Concen: 1.967 ng/ul m
RT: 23.029 min Scan# 4710
Delta R.T. -0.000 min
Lab File: BN015497.D
Acq: 12 Jul 2021 19:34

Tgt Ion:252 Resp: 78842
Ion Ratio Lower Upper
252 100
253 22.8 0.0 45.6
125 15.6 0.0 28.4

Instrument :
BNA_N
ClientSampleId :
BGDW9DL

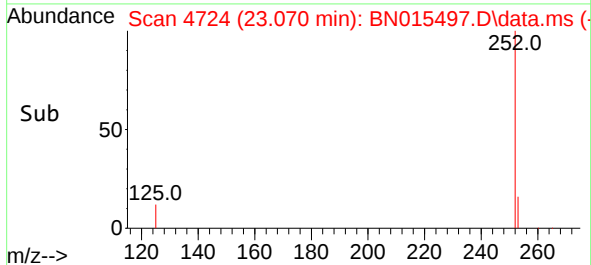
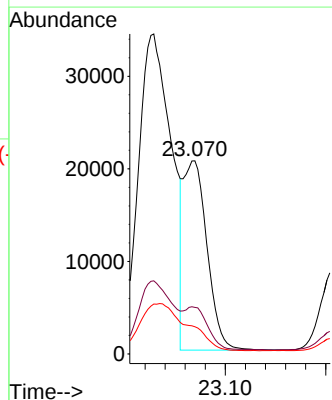
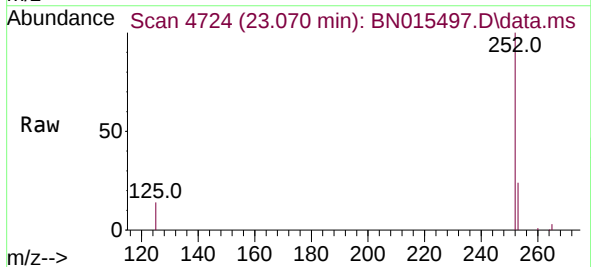
Manual Integrations
APPROVED

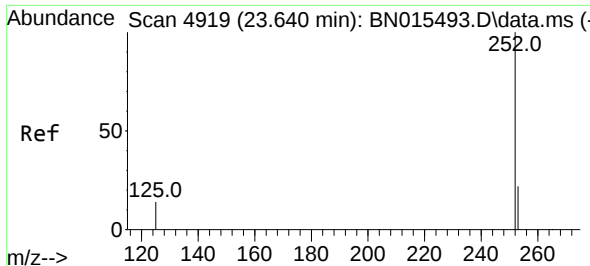
mohammad
7/13/2021 1:44:09 PM



#25
Benzo(k)fluoranthene
Concen: 0.738 ng/ul m
RT: 23.070 min Scan# 4724
Delta R.T. -0.009 min
Lab File: BN015497.D
Acq: 12 Jul 2021 19:34

Tgt Ion:252 Resp: 33401
Ion Ratio Lower Upper
252 100
253 24.1 18.1 27.1
125 14.0 11.5 17.3





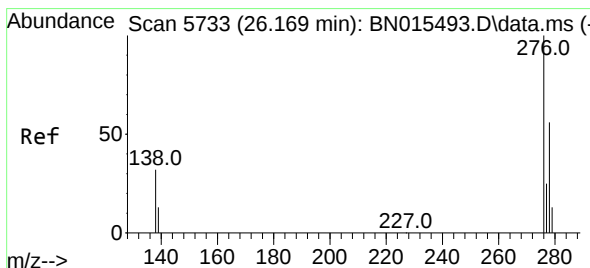
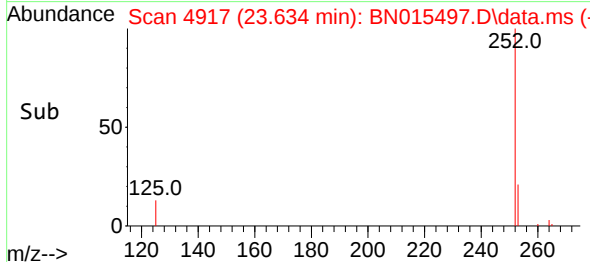
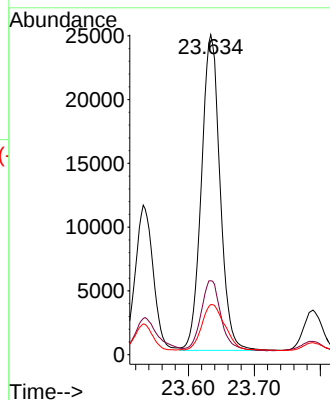
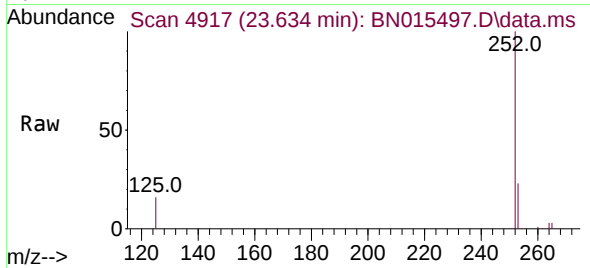
#26
Benzo(a)pyrene
Concen: 1.446 ng/ul
RT: 23.634 min Scan# 4917
Delta R.T. -0.006 min
Lab File: BN015497.D
Acq: 12 Jul 2021 19:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	15.7	13.5	20.3

Instrument :
BNA_N
ClientSampleId :
BGDW9DL

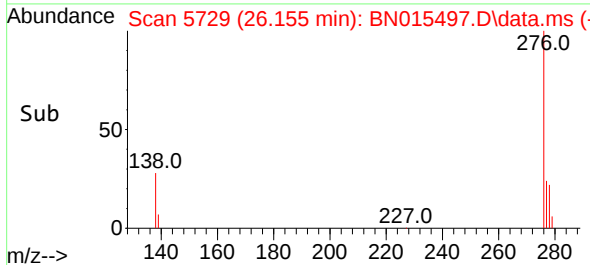
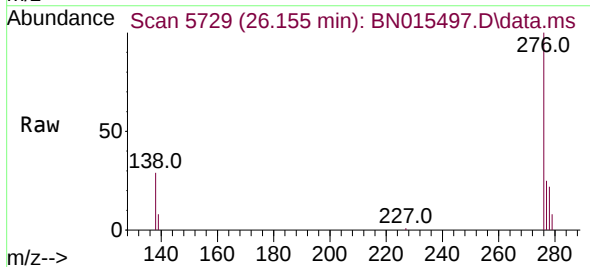
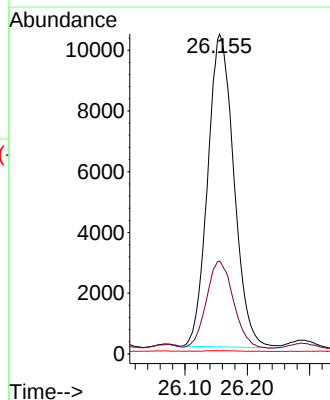
Manual Integrations
APPROVED

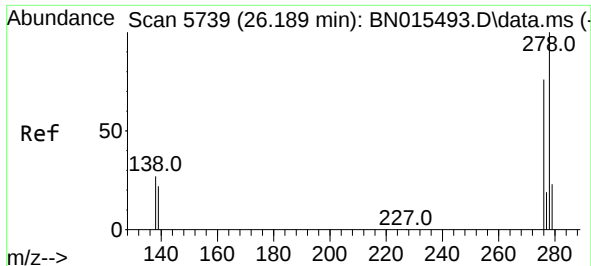
mohammad
7/13/2021 1:44:09 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.741 ng/ul
RT: 26.155 min Scan# 5729
Delta R.T. -0.014 min
Lab File: BN015497.D
Acq: 12 Jul 2021 19:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	26.3	39.5
227	0.3	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.278 ng/ul

RT: 26.172 min Scan# 5734

Delta R.T. -0.017 min

Lab File: BN015497.D

Acq: 12 Jul 2021 19:34

Tgt Ion:	278	Resp:	8849
Ion Ratio	Lower	Upper	
278	100		
139	28.6	18.9	28.3#
279	29.4	20.8	31.2

Instrument :

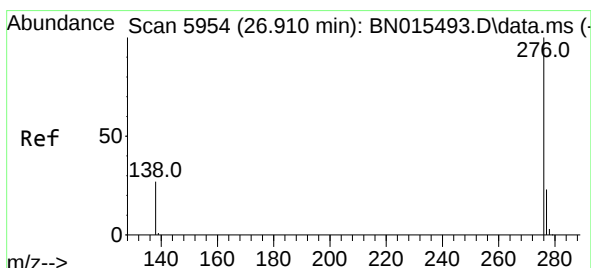
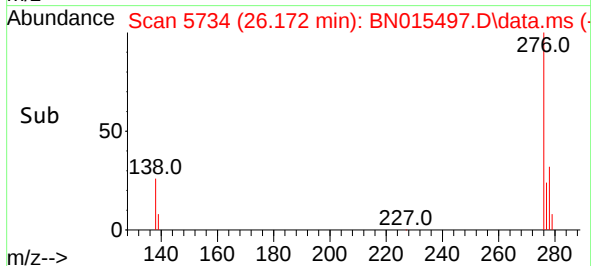
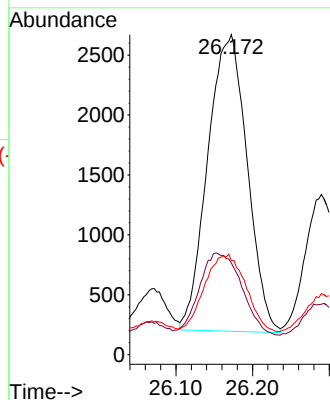
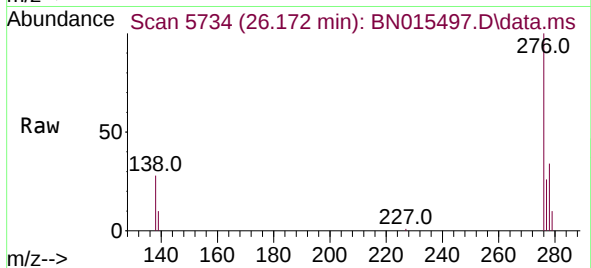
BNA_N

ClientSampled :

BGDW9DL

Manual Integrations
APPROVED

mohammad
7/13/2021 1:44:09 PM



#29

Benzo(g,h,i)perylene

Concen: 0.078 ng/ul

RT: 26.903 min Scan# 5952

Delta R.T. -0.007 min

Lab File: BN015497.D

Acq: 12 Jul 2021 19:34

Tgt Ion:	276	Resp:	2951
Ion Ratio	Lower	Upper	
276	100		
138	40.5	23.0	34.4#
277	33.9	19.3	28.9#

