

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031578.D
 Acq On : 08 Aug 2021 08:41
 Operator : CG/JU
 Sample : M3163-05
 Misc :
 ALS Vial : 104 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEY3

Manual Integrations
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Quant Time: Aug 09 04:13:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 18:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1262	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	4595	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.212	164	2612	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	4948	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.154	240	4275	0.400	ng/ul	-0.01
23) Perylene-d12	23.312	264	4305	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	3881	2.769	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	1569	0.203	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	3148	0.221	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.932	152	536	0.048	ng/ul#	75
11) Acenaphthene	14.273	153	334	0.036	ng/ul	93
12) Fluorene	15.266	166	566	0.053	ng/ul#	91
15) Phenanthrene	17.003	178	16814	1.070	ng/ul	98
16) Anthracene	17.096	178	3774	0.257	ng/ul	98
19) Fluoranthene	19.028	202	53044	2.906	ng/ul	99
20) Pyrene	19.390	202	42869	2.315	ng/ul	100
21) Benzo(a)anthracene	21.140	228	23690	1.372	ng/ul	99
22) Chrysene	21.193	228	25561	1.431	ng/ul	98
24) Benzo(b)fluoranthene	22.675	252	34087m	1.757	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	12615m	0.629	ng/ul	
26) Benzo(a)pyrene	23.217	252	19600	1.154	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.444	276	14686	0.669	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.454	278	3870	0.219	ng/ul#	88
29) Benzo(g,h,i)perylene	26.096	276	1956	0.104	ng/ul#	80

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

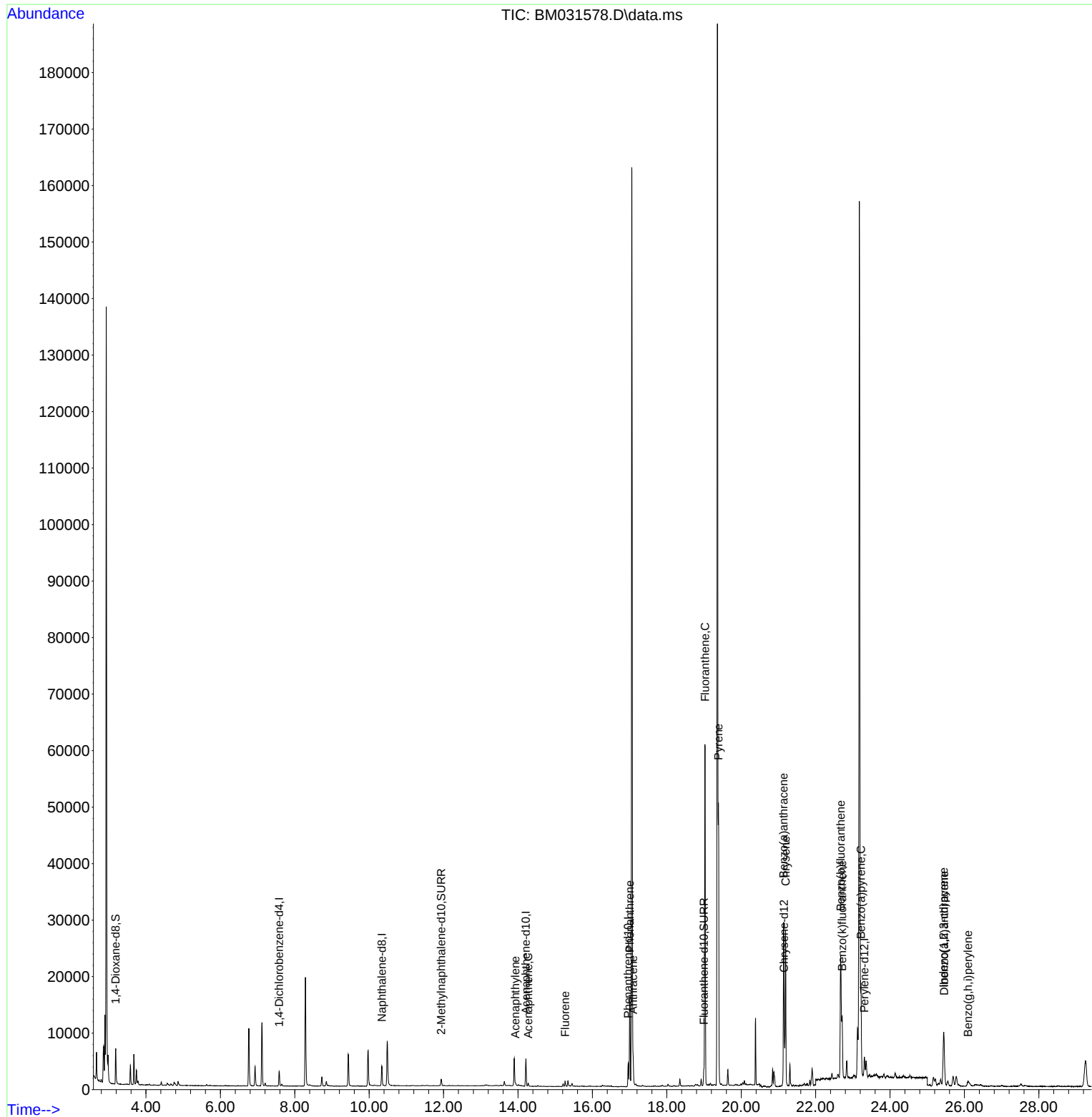
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Data File : BM031578.D
Acq On : 08 Aug 2021 08:41
Operator : CG/JU
Sample : M3163-05
Misc :
ALS Vial : 104 Sample Multiplier: 1

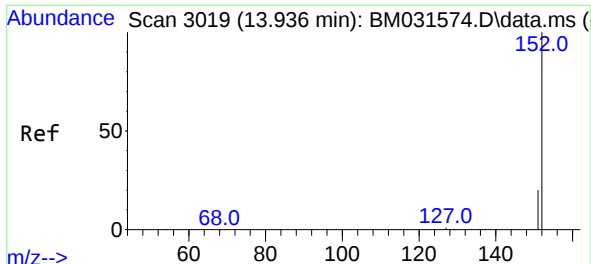
Instrument :
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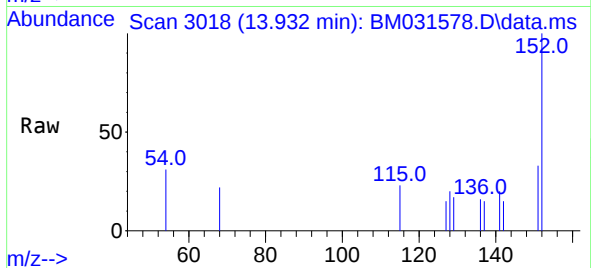
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Quant Time: Aug 09 04:13:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

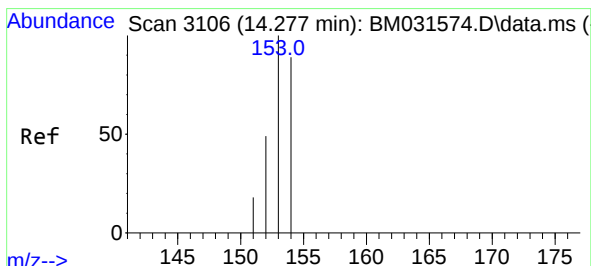
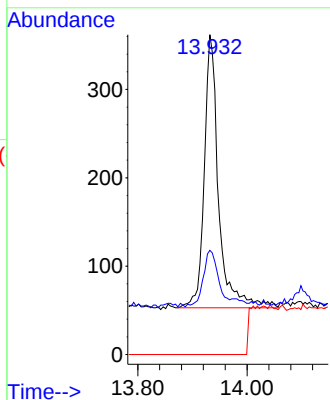
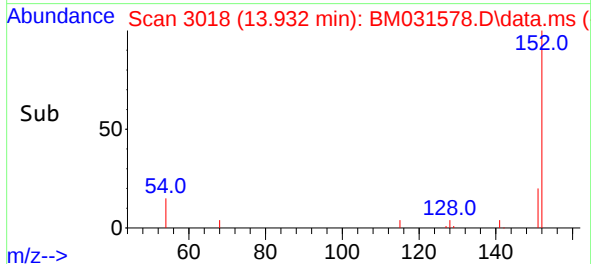




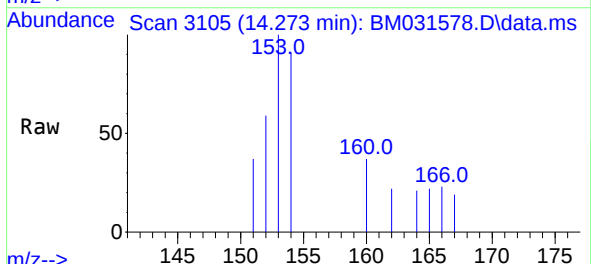
#10
Acenaphthylene
Concen: 0.048 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.008 min
Lab File: BM031578.D
Acq: 08 Aug 2021 08:41



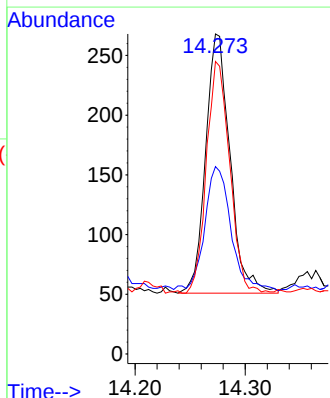
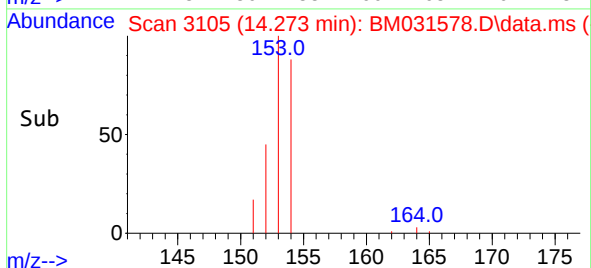
Tgt Ion:152 Resp: 536
Ion Ratio Lower Upper
152 100
151 32.6 16.9 25.3#
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. -0.011 min
Lab File: BM031578.D
Acq: 08 Aug 2021 08:41



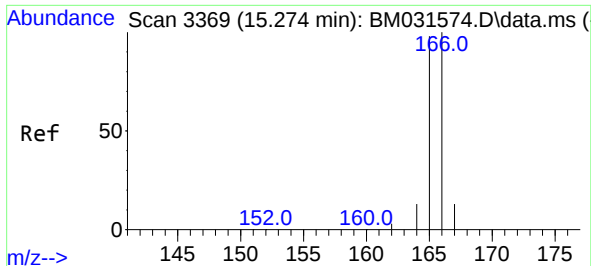
Tgt Ion:153 Resp: 334
Ion Ratio Lower Upper
153 100
152 58.6 40.7 61.1
154 91.4 70.2 105.2



Instrument :
BNA_M
ClientSampled :
BGEY3

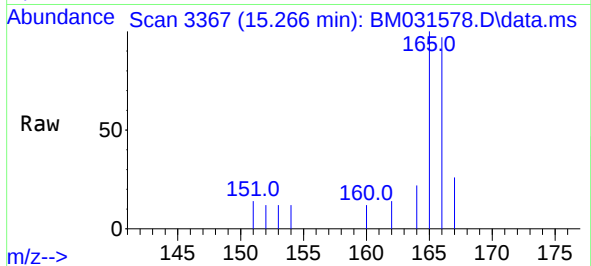
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#12
Fluorene
Concen: 0.053 ng/u1
RT: 15.266 min Scan# 3367
Delta R.T. -0.007 min
Lab File: BM031578.D
Acq: 08 Aug 2021 08:41

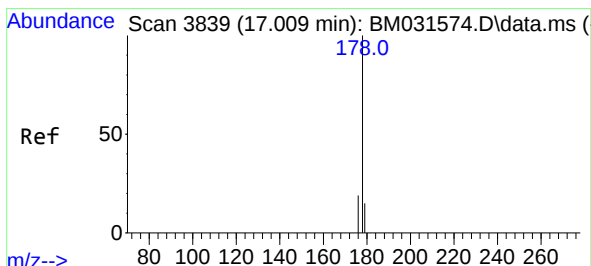
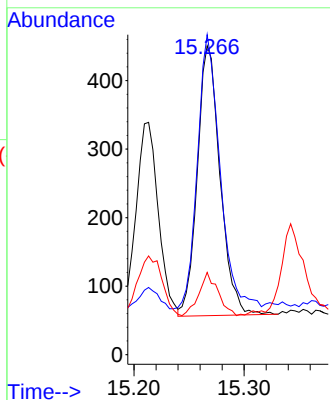
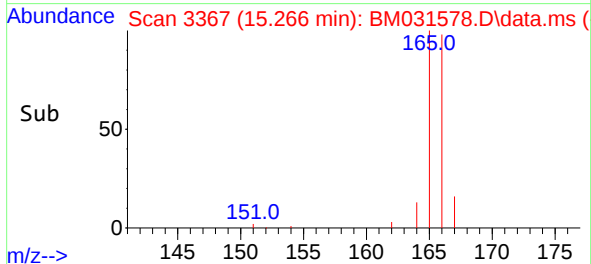
Instrument :
BNA_M
ClientSampled :
BGEY3



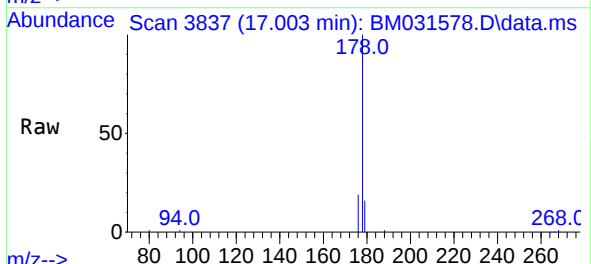
Tgt Ion:166 Resp: 566
Ion Ratio Lower Upper
166 100
165 103.5 78.0 117.0
167 26.6 12.0 18.0#

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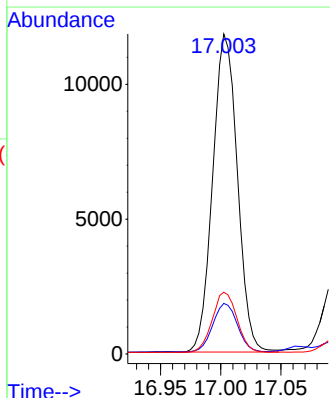
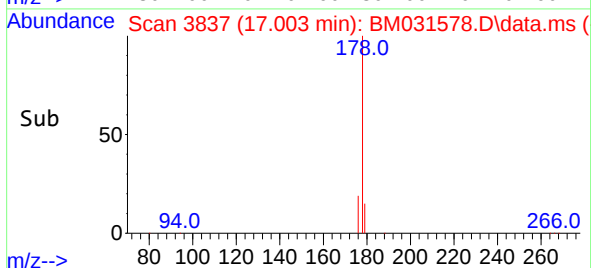
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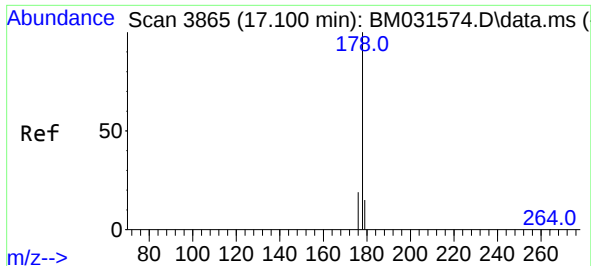


#15
Phenanthrene
Concen: 1.070 ng/u1
RT: 17.003 min Scan# 3837
Delta R.T. -0.010 min
Lab File: BM031578.D
Acq: 08 Aug 2021 08:41



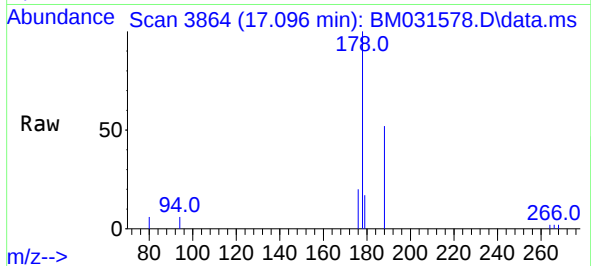
Tgt Ion:178 Resp: 16814
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.3 16.2 24.4





#16
 Anthracene
 Concen: 0.257 ng/ul
 RT: 17.096 min Scan# 3864
 Delta R.T. -0.007 min
 Lab File: BM031578.D
 Acq: 08 Aug 2021 08:41

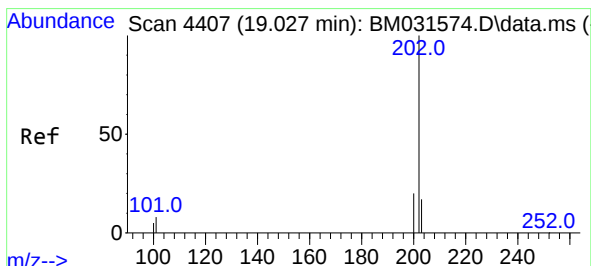
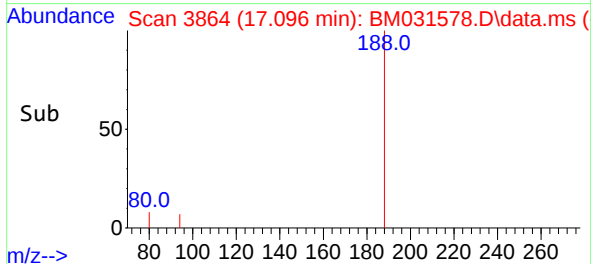
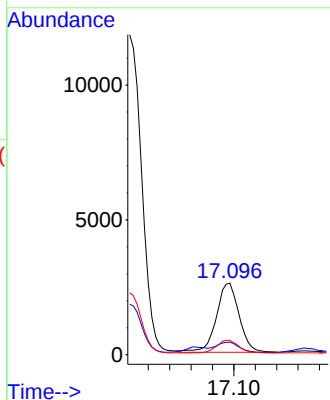
Instrument :
 BNA_M
 ClientSampleId :
 BGEY3



Tgt Ion:	178	Resp:	3774
Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.0	19.6
176	19.9	15.6	23.4

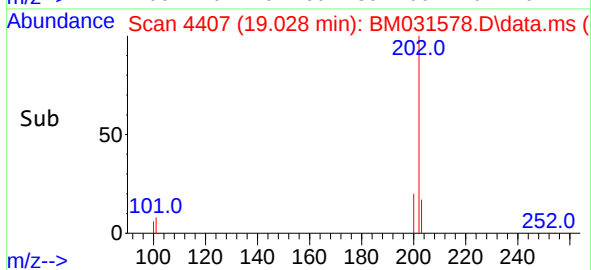
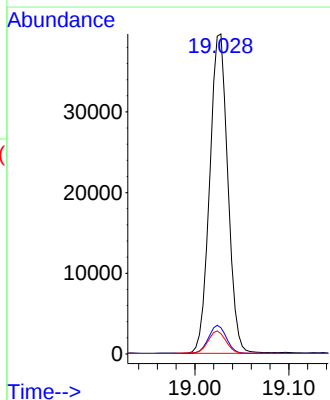
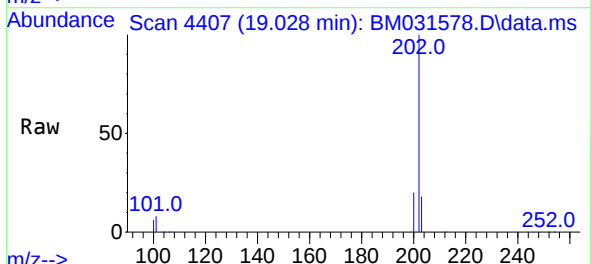
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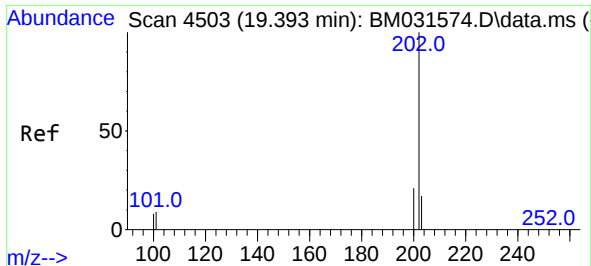
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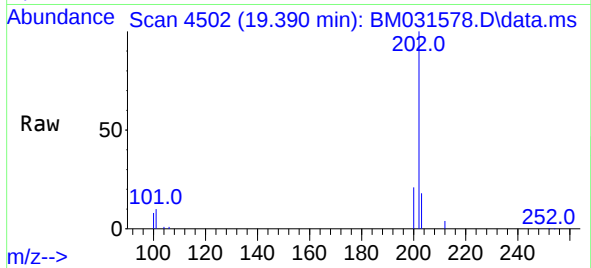
#19
 Fluoranthene
 Concen: 2.906 ng/ul
 RT: 19.028 min Scan# 4407
 Delta R.T. -0.004 min
 Lab File: BM031578.D
 Acq: 08 Aug 2021 08:41

Tgt Ion:	202	Resp:	53044
Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.6	10.0
100	6.4	5.4	8.0

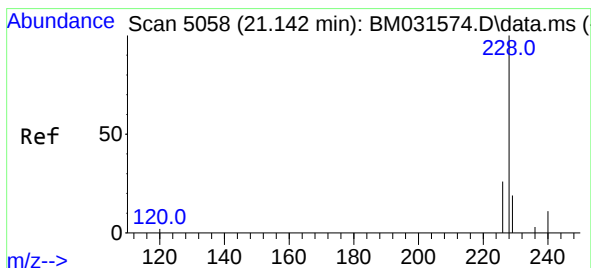
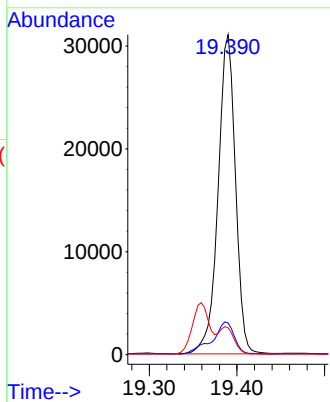
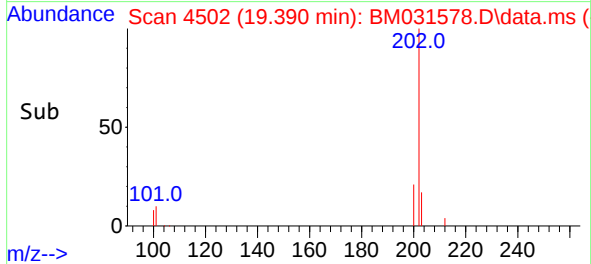




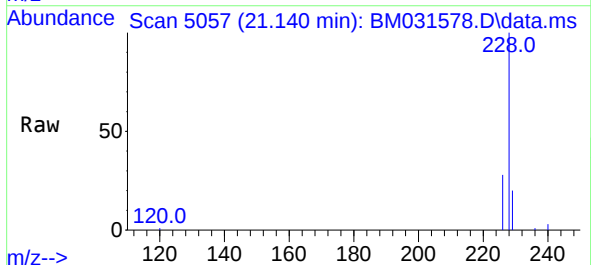
#20
Pyrene
Concen: 2.315 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.007 min
Lab File: BM031578.D
Acq: 08 Aug 2021 08:41



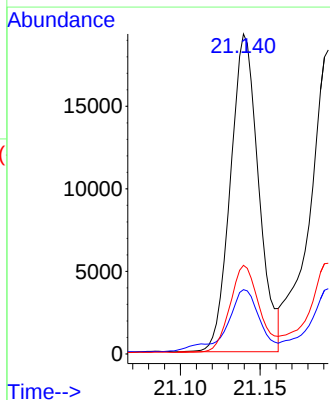
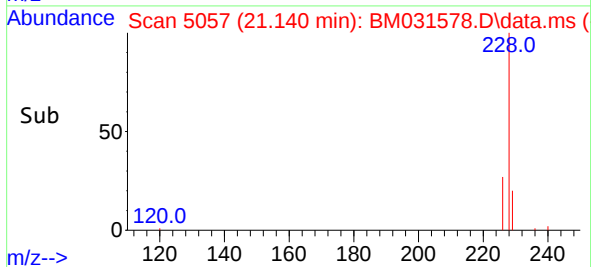
Tgt Ion:202 Resp: 42869
Ion Ratio Lower Upper
202 100
101 9.9 7.8 11.6
100 8.4 6.6 10.0



#21
Benzo(a)anthracene
Concen: 1.372 ng/ul
RT: 21.140 min Scan# 5057
Delta R.T. -0.012 min
Lab File: BM031578.D
Acq: 08 Aug 2021 08:41



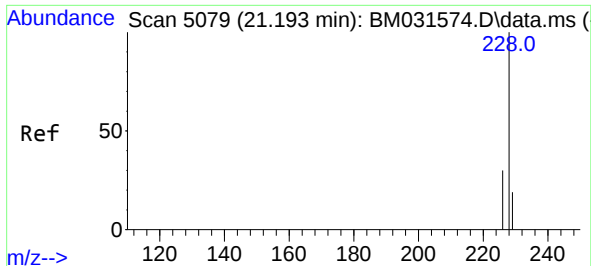
Tgt Ion:228 Resp: 23690
Ion Ratio Lower Upper
228 100
229 20.1 15.6 23.4
226 27.7 21.7 32.5



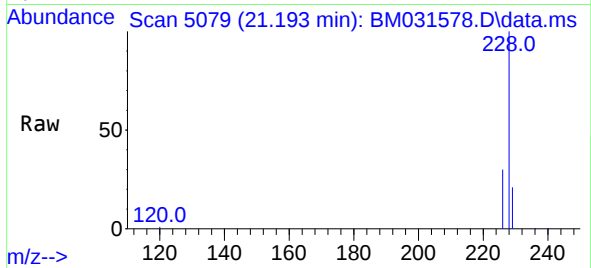
Instrument :
BNA_M
ClientSampled :
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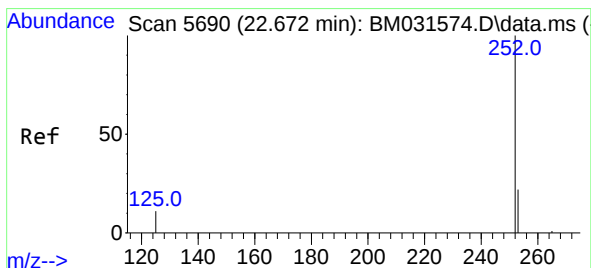
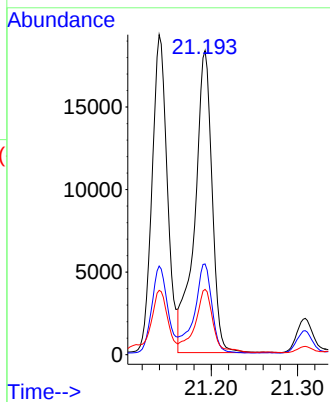
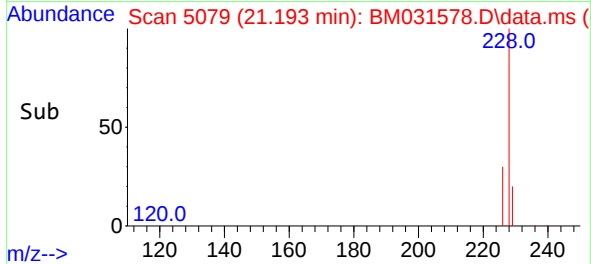
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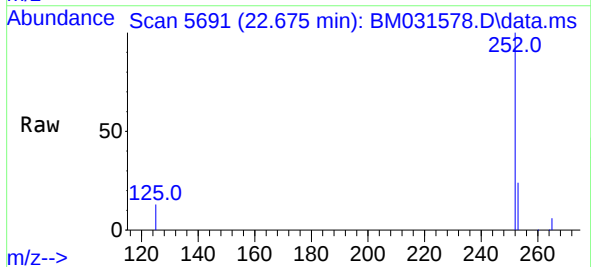
#22
Chrysene
Concen: 1.431 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.007 min
Lab File: BM031578.D
Acq: 08 Aug 2021 08:41



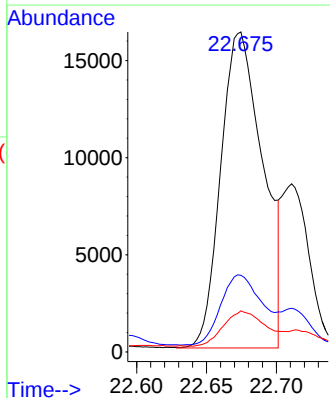
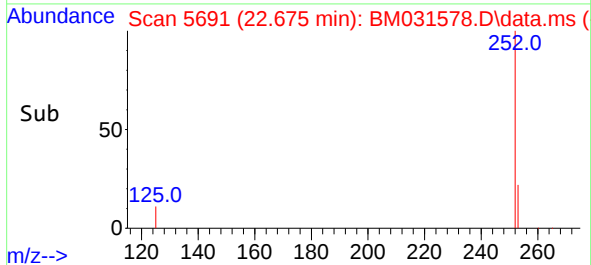
Tgt Ion:228 Resp: 25561
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 21.4 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 1.757 ng/ul m
RT: 22.675 min Scan# 5691
Delta R.T. -0.007 min
Lab File: BM031578.D
Acq: 08 Aug 2021 08:41



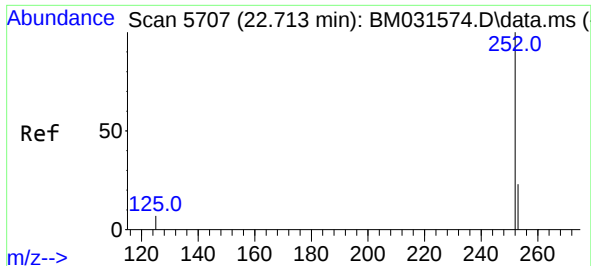
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Ion Ratio Lower Upper
252 100
253 23.9 0.0 53.0
125 12.8 0.0 22.8



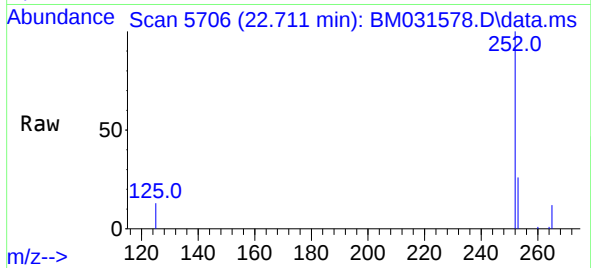
Instrument :
BNA_M
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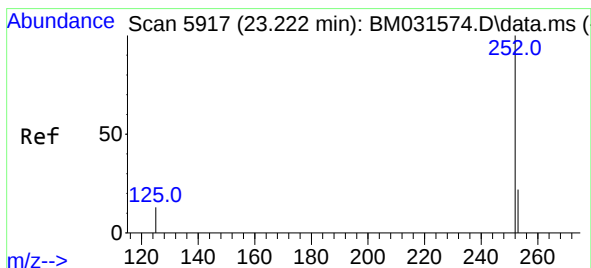
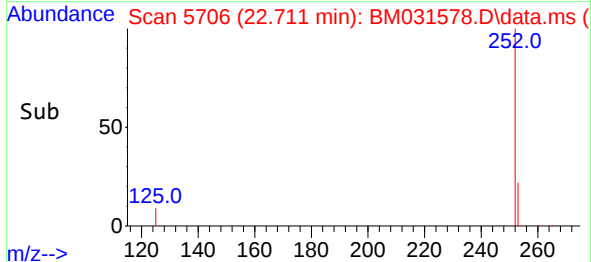
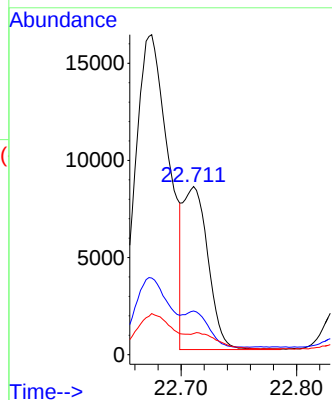
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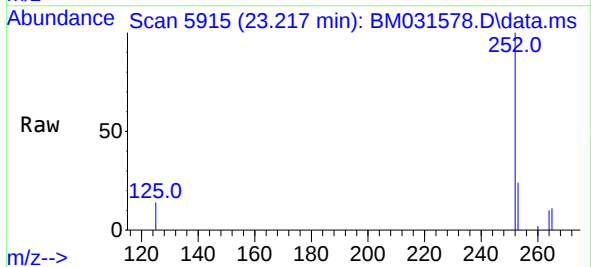
#25
Benzo(k)fluoranthene
Concen: 0.629 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.012 min
Lab File: BM031578.D
Acq: 08 Aug 2021 08:41



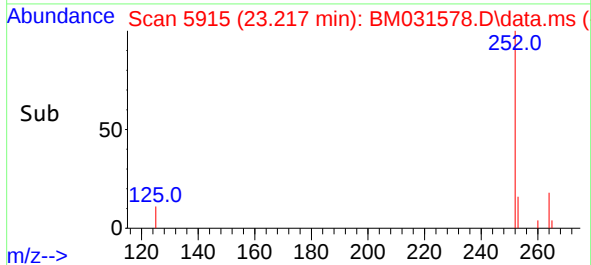
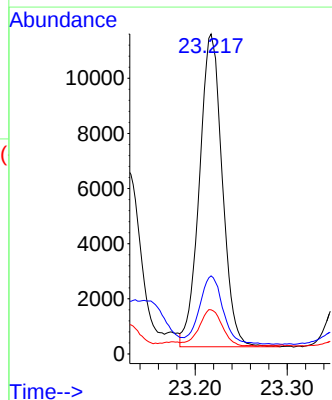
Tgt Ion:252 Resp: 12615
Ion Ratio Lower Upper
252 100
253 26.0 21.3 31.9
125 12.6 8.8 13.2



#26
Benzo(a)pyrene
Concen: 1.154 ng/ul
RT: 23.217 min Scan# 5915
Delta R.T. -0.014 min
Lab File: BM031578.D
Acq: 08 Aug 2021 08:41



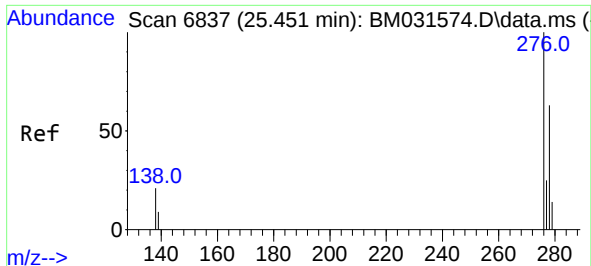
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253 24.4 22.4 33.6
125 13.8 13.0 19.4



Instrument :
BNA_M
ClientSampleId :
BGEY3

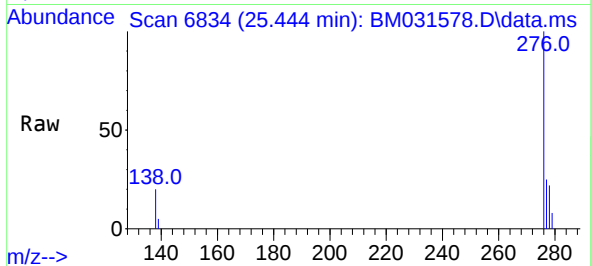
Manual Integrations
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.669 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.019 min
Lab File: BM031578.D
Acq: 08 Aug 2021 08:41

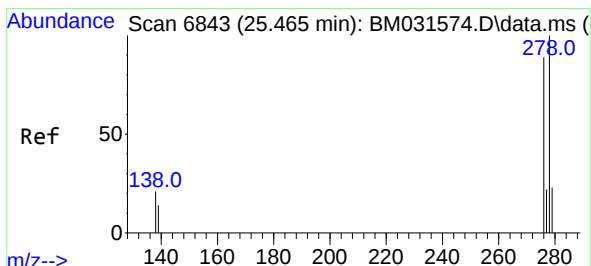
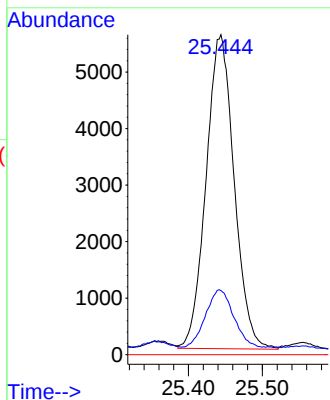
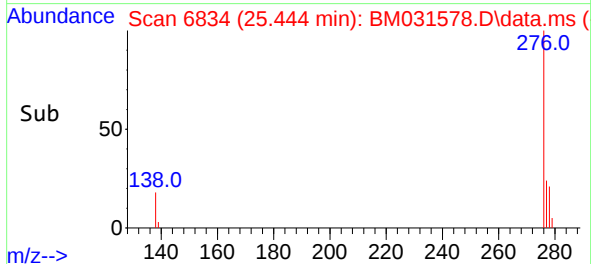
Instrument :
BNA_M
ClientSampleId :
BGEY3



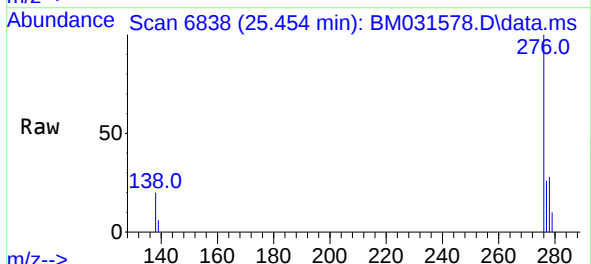
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Ion Ratio Lower Upper
276 100
138 19.2 15.8 23.8
227 0.0 0.0 0.0

Manual Integrations
APPROVED

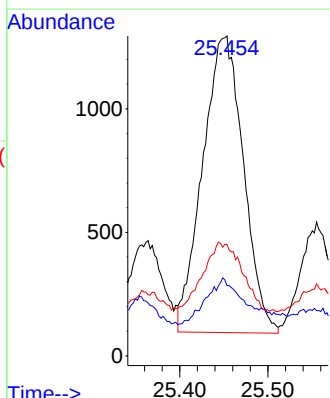
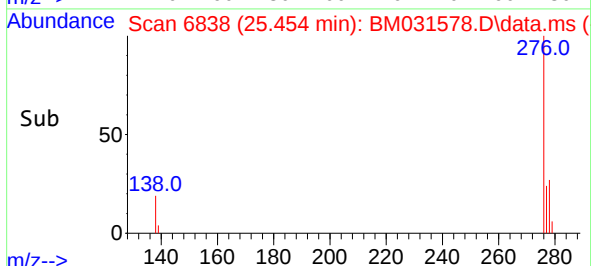
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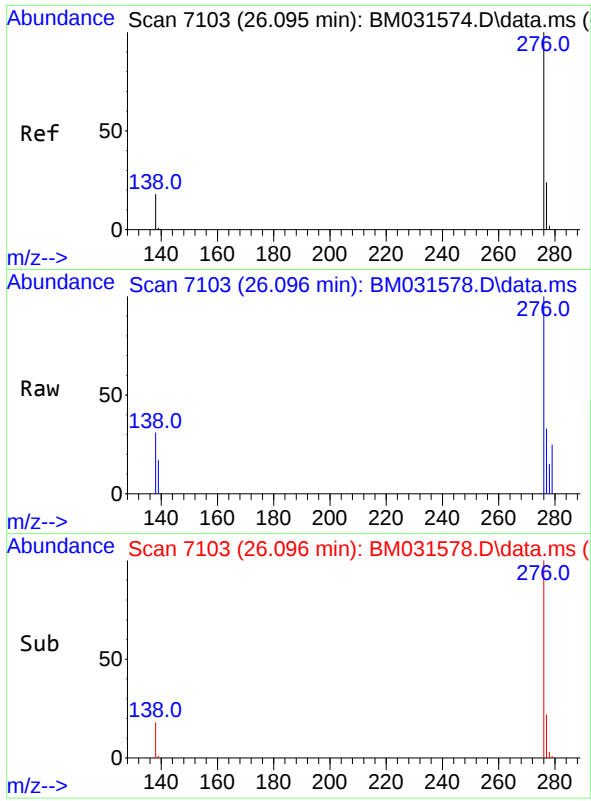


#28
Dibenzo(a,h)anthracene
Concen: 0.219 ng/ul
RT: 25.454 min Scan# 6838
Delta R.T. -0.022 min
Lab File: BM031578.D
Acq: 08 Aug 2021 08:41



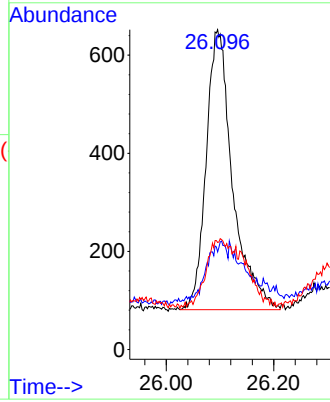
Tgt Ion:278 Resp: 3870
Ion Ratio Lower Upper
278 100
139 22.0 13.3 19.9#
279 34.8 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.104 ng/ul
RT: 26.096 min Scan# 7103
Delta R.T. -0.019 min
Lab File: BM031578.D
Acq: 08 Aug 2021 08:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.5	15.4	23.2#
277	33.4	19.9	29.9#



Instrument :
BNA_M
ClientSampleId :
BGEY3

Manual Integrations
APPROVED

mohammad
8/9/2021 12:14:39 PM