

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030677.D
 Acq On : 29 Jun 2021 06:22
 Operator : CG/JU
 Sample : M2704-02DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDC8DL

Manual Integrations
 APPROVED

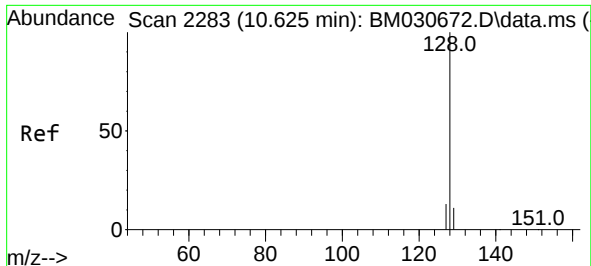
mohammad
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Quant Time: Jun 29 07:43:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 07:43:40 2021
 Response via : Initial Calibration

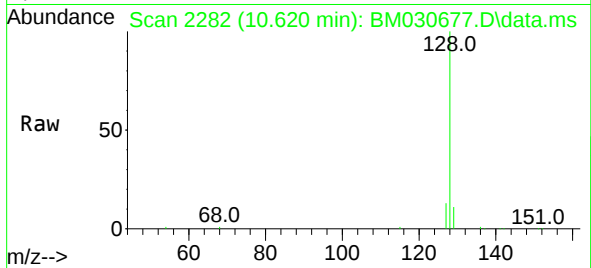
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	2754	0.400	ng/ul	0.00
4) Naphthalene-d8	10.571	136	10074	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.413	164	5882	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.151	188	11286	0.400	ng/ul	0.00
17) Chrysene-d12	21.317	240	10537	0.400	ng/ul	0.00
23) Perylene-d12	23.569	264	10891	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	1753	0.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.168	152	613	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.172	212	1464	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.620	128	25698	0.895	ng/ul	98
7) 2-Methylnaphthalene	12.239	142	4031	0.209	ng/ul	100
8) 1-Methylnaphthalene	12.455	142	6660	0.354	ng/ul	99
10) Acenaphthylene	14.132	152	18666	0.711	ng/ul	97
11) Acenaphthene	14.477	153	86169	4.050	ng/ul	98
12) Fluorene	15.459	166	80969	3.450	ng/ul	100
15) Phenanthrene	17.193	178	657256	17.323	ng/ul	98
16) Anthracene	17.283	178	230232	6.929	ng/ul	97
19) Fluoranthene	19.202	202	723350	15.553	ng/ul	98
20) Pyrene	19.565	202	603598	12.907	ng/ul	97
21) Benzo(a)anthracene	21.302	228	324319	7.721	ng/ul	97
22) Chrysene	21.353	228	272562	5.793	ng/ul	99
24) Benzo(b)fluoranthene	22.893	252	326083m	6.760	ng/ul	
25) Benzo(k)fluoranthene	22.930	252	117948m	2.372	ng/ul	
26) Benzo(a)pyrene	23.470	252	281876	6.870	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.844	276	154967	2.899	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.847	278	41384	0.965	ng/ul	97
29) Benzo(g,h,i)perylene	26.545	276	126902	2.733	ng/ul	96

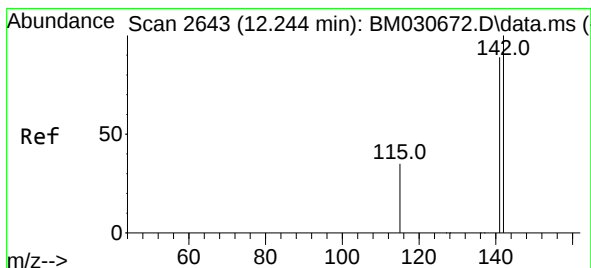
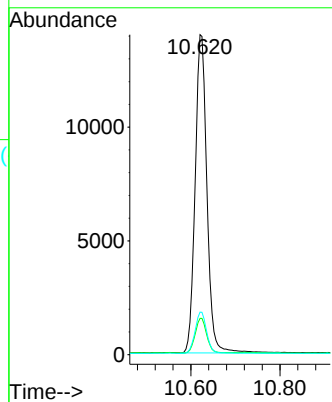
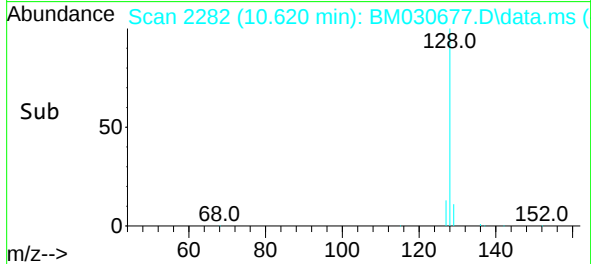
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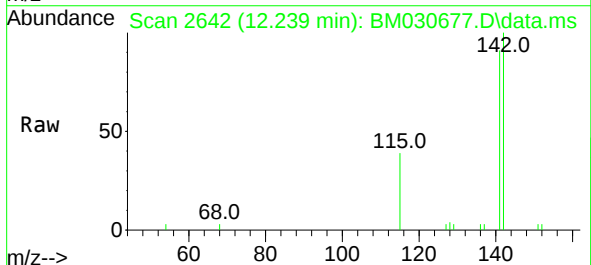
#5
Naphthalene
Concen: 0.895 ng/ul
RT: 10.620 min Scan# 2282
Delta R.T. -0.009 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22



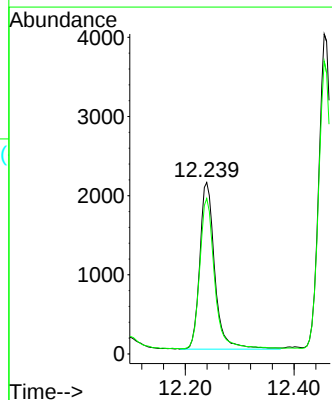
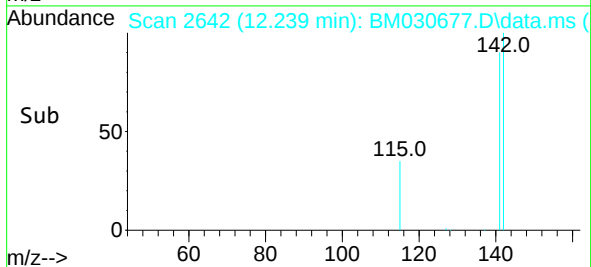
Tgt Ion:128 Resp: 25698
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.3 11.2 16.8



#7
2-Methylnaphthalene
Concen: 0.209 ng/ul
RT: 12.239 min Scan# 2642
Delta R.T. -0.005 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22



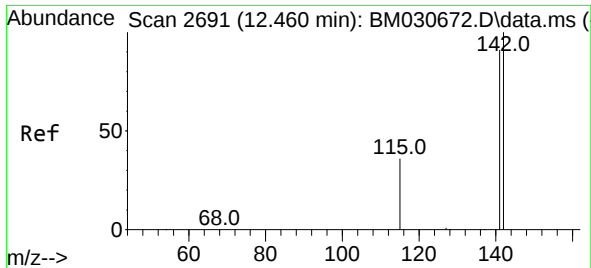
Tgt Ion:142 Resp: 4031
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0



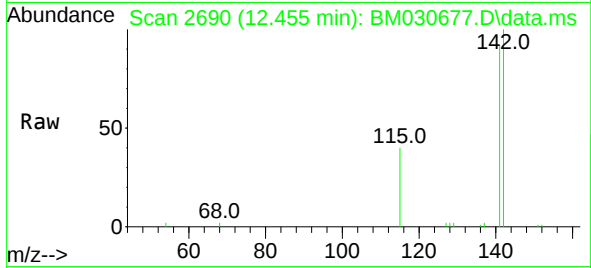
Instrument :
BNA_M
ClientSampleId :
BGDC8DL

Manual Integrations
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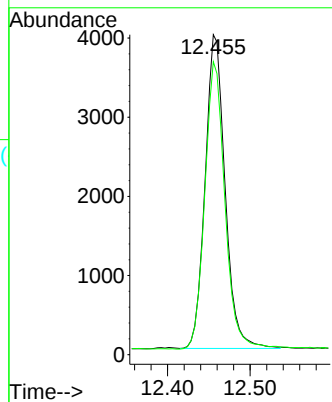
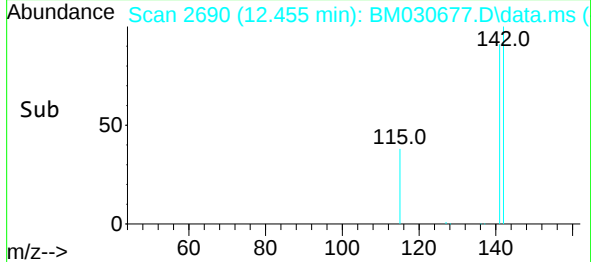
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#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.455 min Scan# 2690
Delta R.T. -0.005 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22



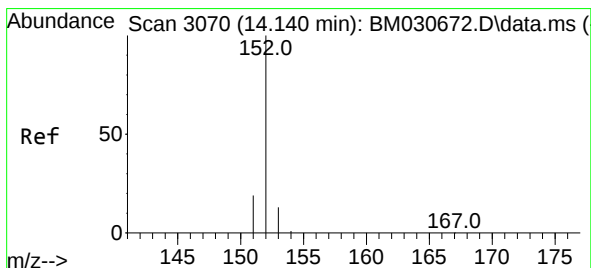
Tgt Ion:142 Resp: 6660
Ion Ratio Lower Upper
142 100
141 92.7 73.2 109.8



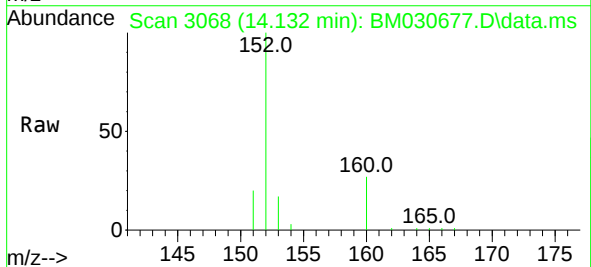
Instrument :
BNA_M
ClientSampled :
BGDC8DL

Manual Integrations
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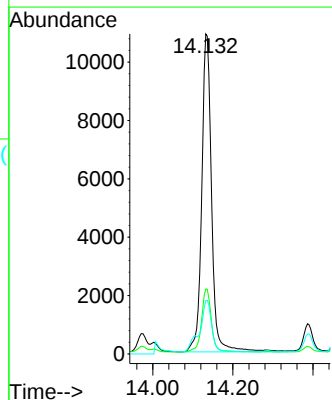
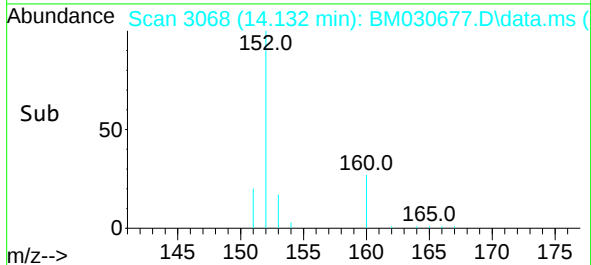
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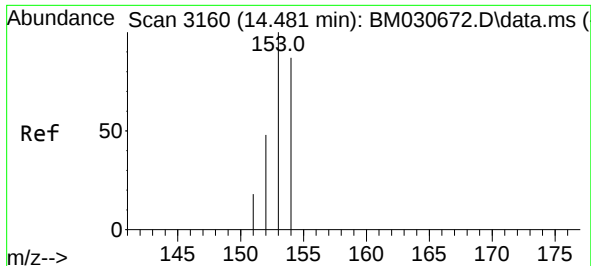


#10
Acenaphthylene
Concen: 0.711 ng/ul
RT: 14.132 min Scan# 3068
Delta R.T. -0.008 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22



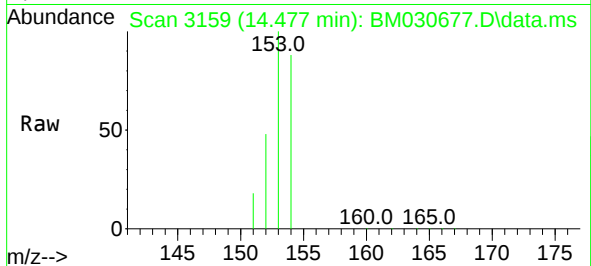
Tgt Ion:152 Resp: 18666
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 16.7 11.4 17.0





#11
Acenaphthene
Concen: 4.050 ng/uI
RT: 14.477 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22

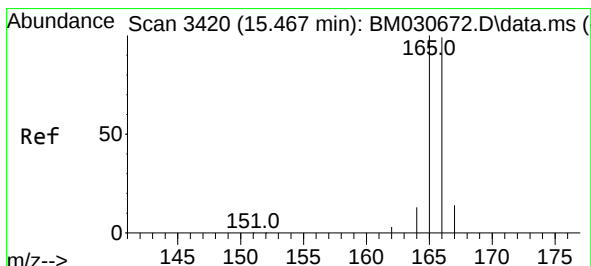
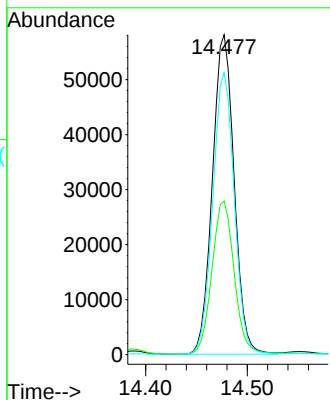
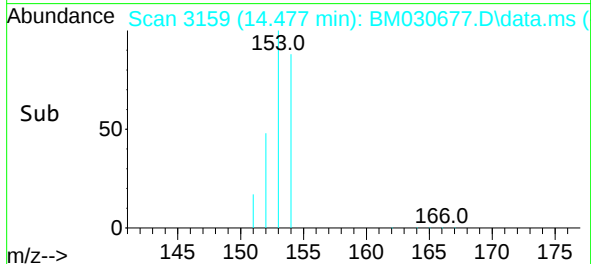
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ClientSampleID :
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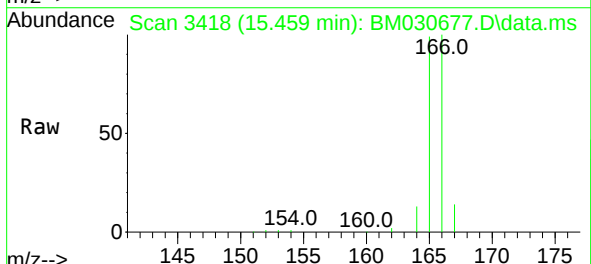
Tgt Ion:153 Resp: 86169
Ion Ratio Lower Upper
153 100
152 48.0 39.8 59.6
154 88.1 68.7 103.1

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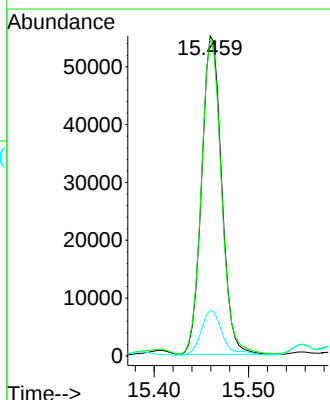
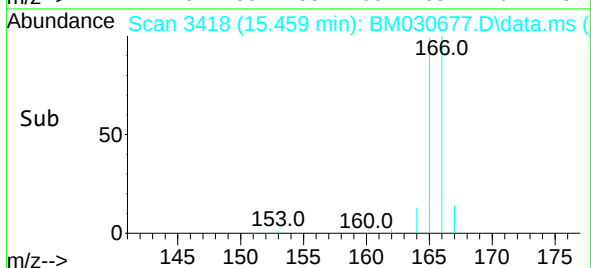
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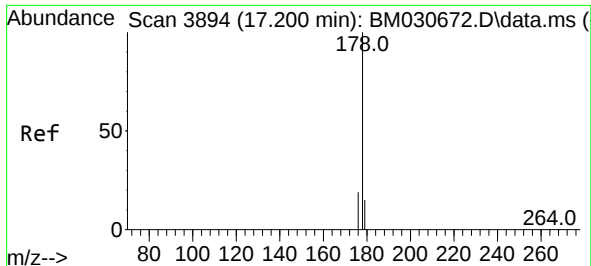


#12
Fluorene
Concen: 3.450 ng/uI
RT: 15.459 min Scan# 3418
Delta R.T. -0.008 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22



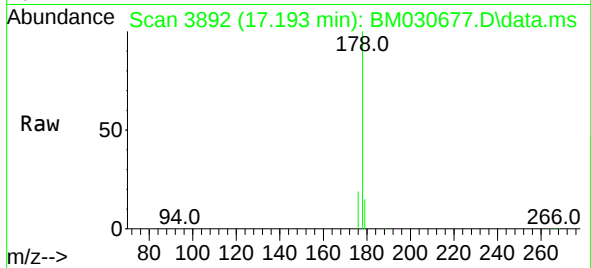
Tgt Ion:166 Resp: 80969
Ion Ratio Lower Upper
166 100
165 98.8 79.1 118.7
167 14.3 12.2 18.2





#15
Phenanthrene
Concen: 17.323 ng/u1
RT: 17.193 min Scan# 3892
Delta R.T. -0.007 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22

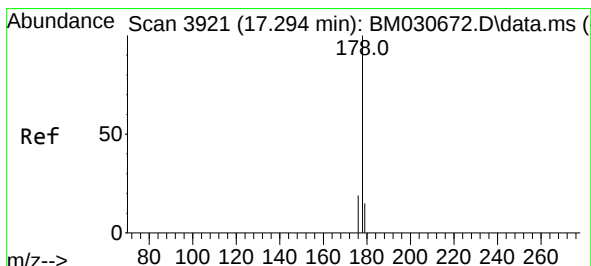
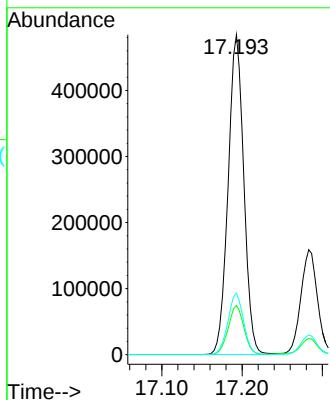
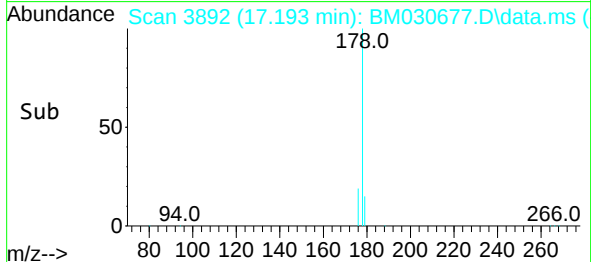
Instrument :
BNA_M
ClientSampled :
BGDC8DL



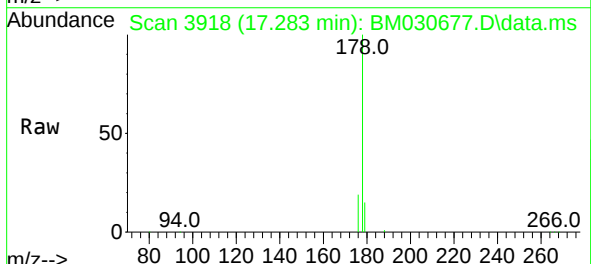
Tgt Ion:178 Resp: 657256
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.2 16.0 24.0

Manual Integrations
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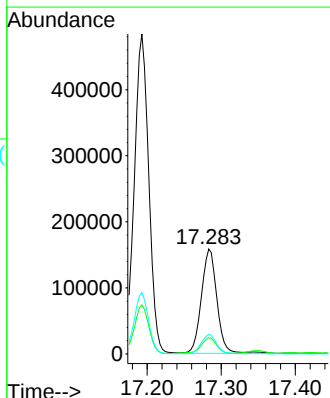
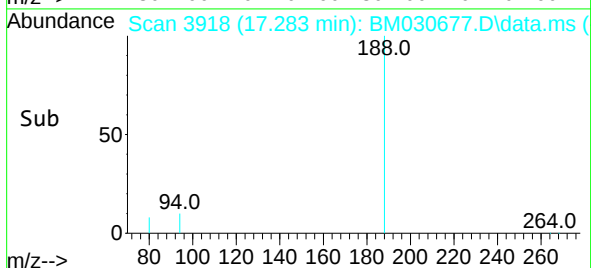
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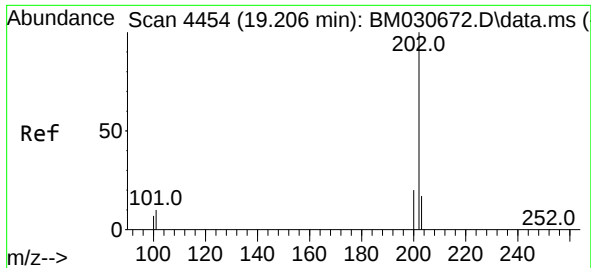


#16
Anthracene
Concen: 6.929 ng/u1
RT: 17.283 min Scan# 3918
Delta R.T. -0.007 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22



Tgt Ion:178 Resp: 230232
Ion Ratio Lower Upper
178 100
179 15.4 14.0 21.0
176 18.8 15.8 23.6





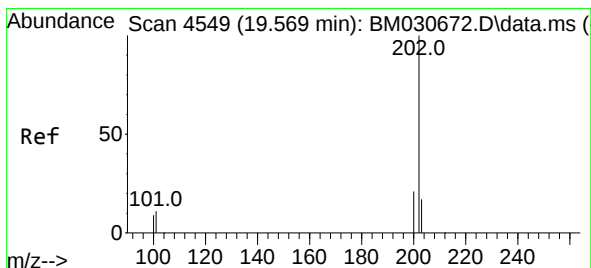
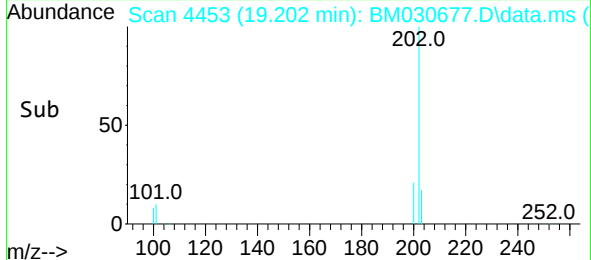
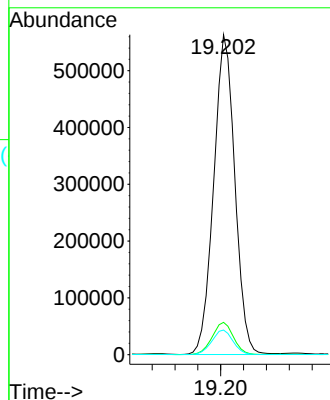
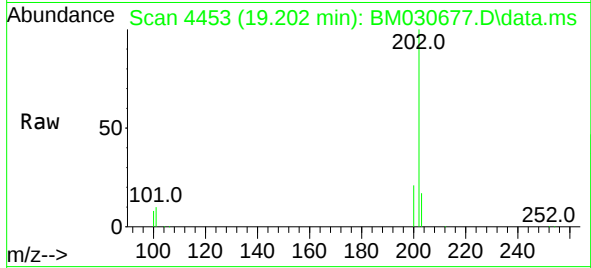
#19
Fluoranthene
Concen: 15.553 ng/u1
RT: 19.202 min Scan# 4453
Delta R.T. -0.008 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22

Tgt Ion:202 Resp: 723350
Ion Ratio Lower Upper
202 100
101 10.1 8.7 13.1
100 7.7 6.6 9.8

Instrument :
BNA_M
ClientSampleId :
BGDC8DL

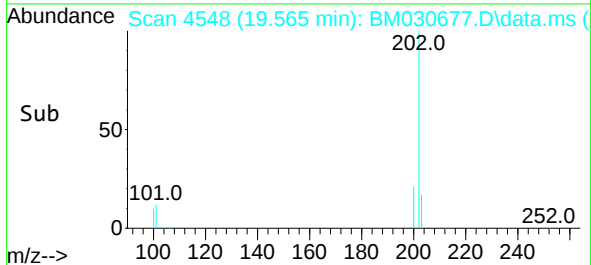
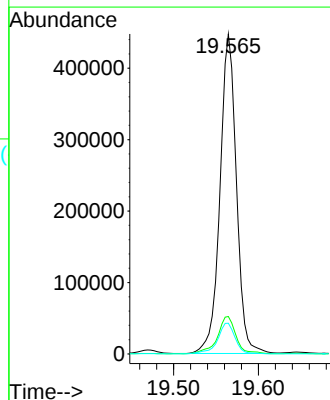
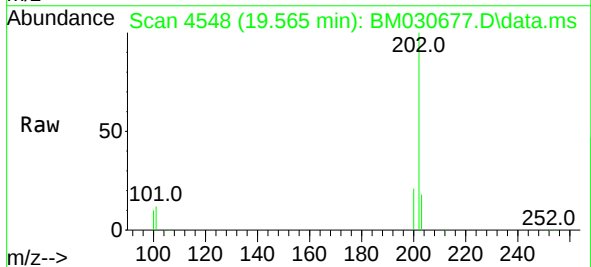
Manual Integrations
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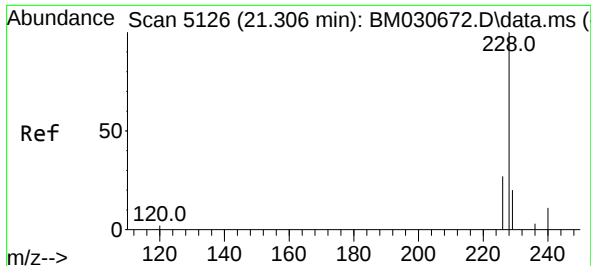
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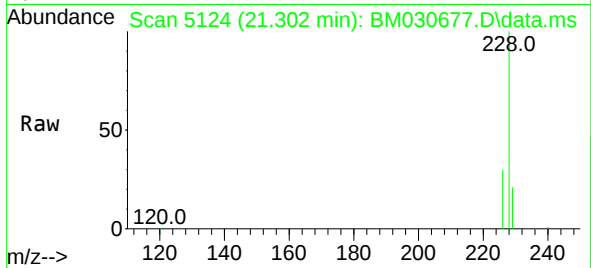
#20
Pyrene
Concen: 12.907 ng/u1
RT: 19.565 min Scan# 4548
Delta R.T. -0.004 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22

Tgt Ion:202 Resp: 603598
Ion Ratio Lower Upper
202 100
101 11.7 10.2 15.4
100 9.6 8.5 12.7

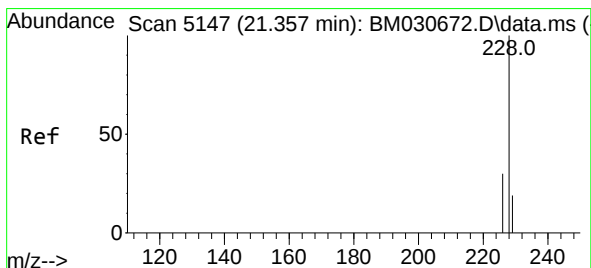
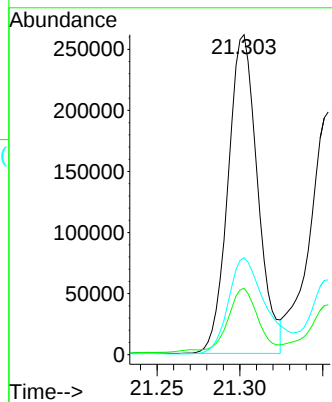
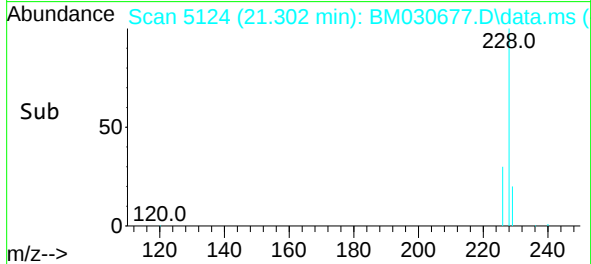




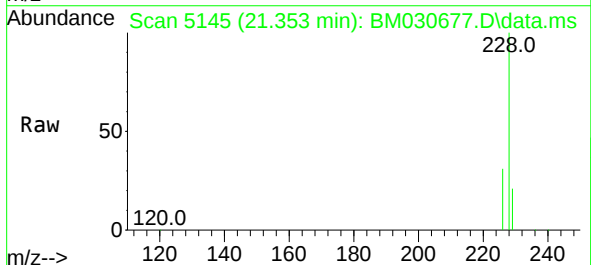
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Benzo(a)anthracene
Concen: 7.721 ng/u1
RT: 21.302 min Scan# 5124
Delta R.T. -0.006 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22



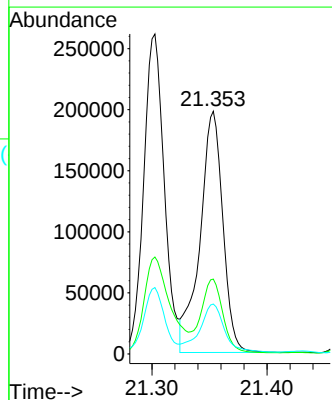
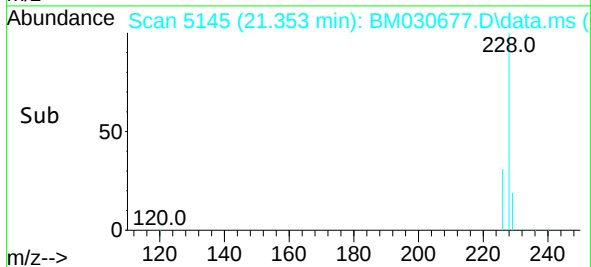
Tgt Ion:228 Resp: 324319
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.2
226 30.3 22.2 33.4



#22
Chrysene
Concen: 5.793 ng/u1
RT: 21.353 min Scan# 5145
Delta R.T. -0.009 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22



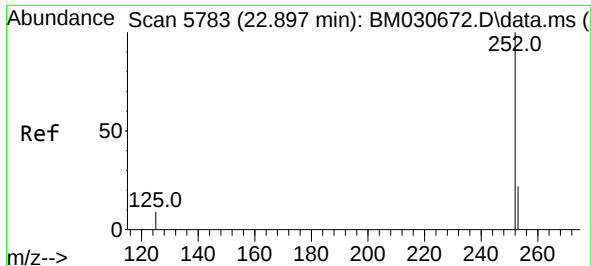
Tgt Ion:228 Resp: 272562
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 20.6 16.2 24.2



Instrument :
BNA_M
ClientSampled :
BGDC8DL

Manual Integrations
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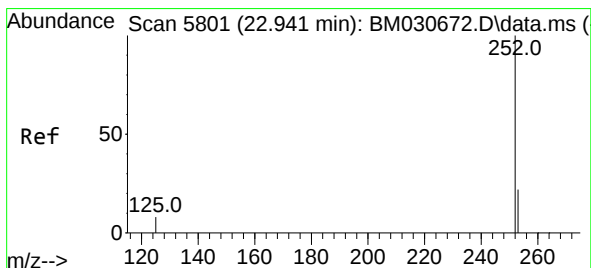
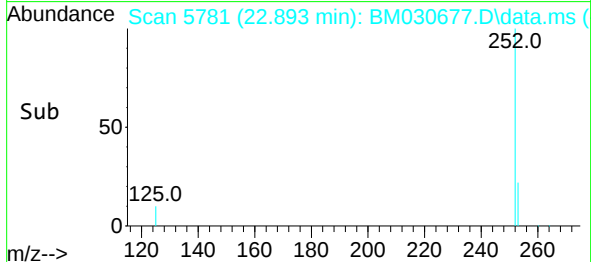
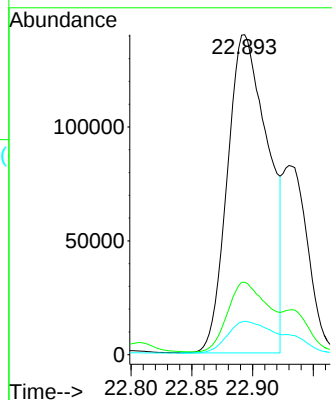
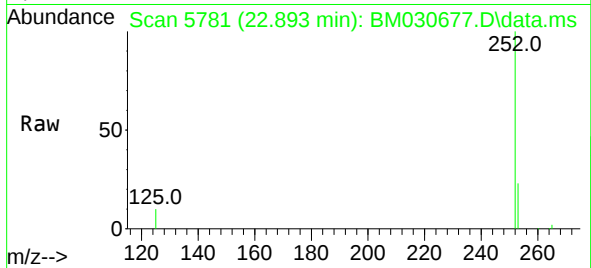
#24
Benzo(b)fluoranthene
Concen: 6.760 ng/ul m
RT: 22.893 min Scan# 5781
Delta R.T. -0.006 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22

Tgt Ion:252 Resp: 326083
Ion Ratio Lower Upper
252 100
253 22.6 0.0 57.8
125 10.4 0.0 33.2

Instrument :
BNA_M
ClientSampleId :
BGDC8DL

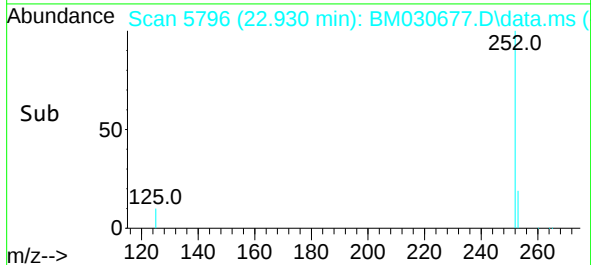
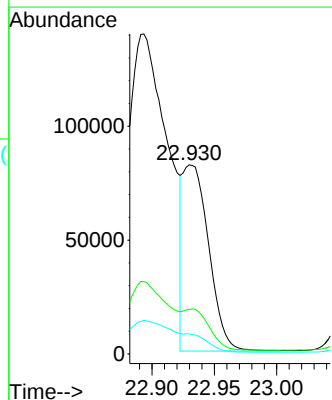
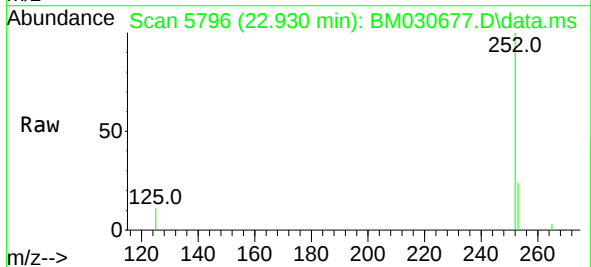
Manual Integrations
APPROVED

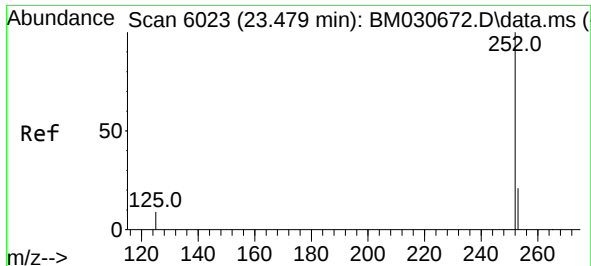
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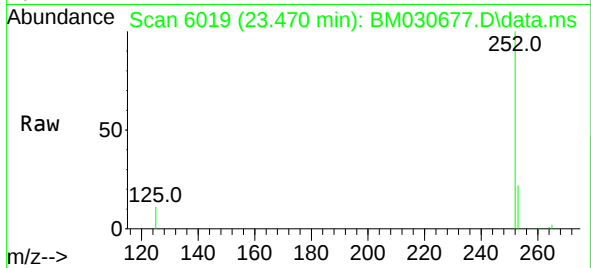
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Benzo(k)fluoranthene
Concen: 2.372 ng/ul m
RT: 22.930 min Scan# 5796
Delta R.T. -0.016 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22

Tgt Ion:252 Resp: 117948
Ion Ratio Lower Upper
252 100
253 23.6 23.2 34.8
125 10.5 12.6 19.0#

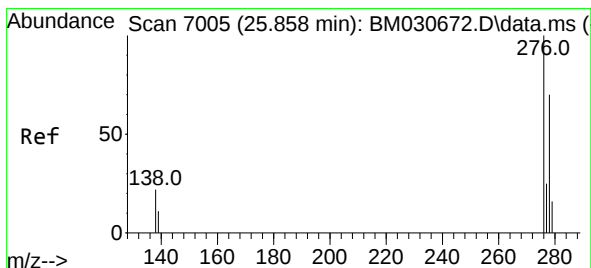
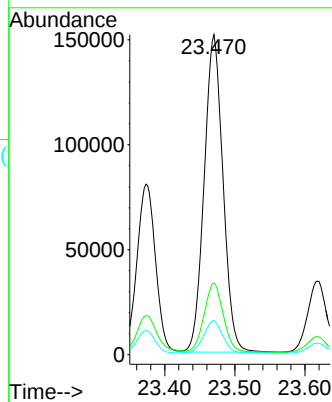
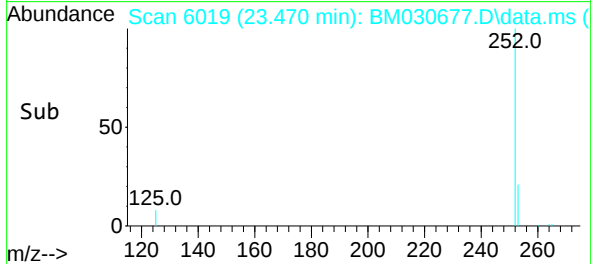




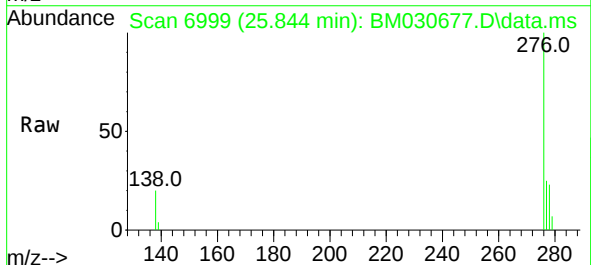
#26
Benzo(a)pyrene
Concen: 6.870 ng/ul
RT: 23.470 min Scan# 6019
Delta R.T. -0.011 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22



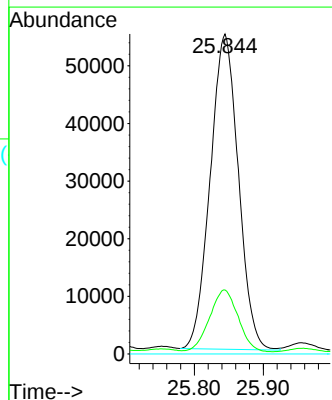
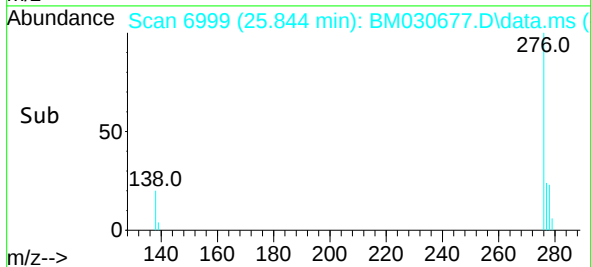
Tgt Ion:252 Resp: 281876
Ion Ratio Lower Upper
252 100
253 22.3 25.5 38.3#
125 10.7 15.8 23.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.899 ng/ul
RT: 25.844 min Scan# 6999
Delta R.T. -0.018 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22



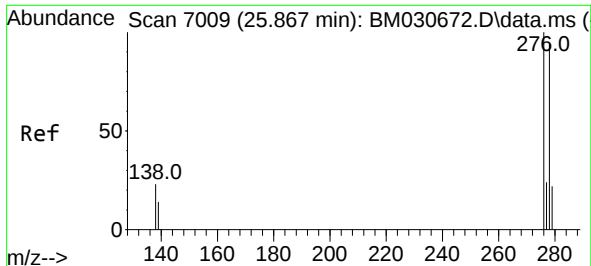
Tgt Ion:276 Resp: 154967
Ion Ratio Lower Upper
276 100
138 19.9 18.2 27.4
227 0.0 0.0 0.0



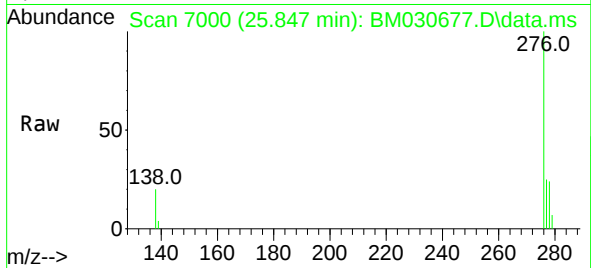
Instrument :
BNA_M
ClientSampled :
BGDC8DL

Manual Integrations
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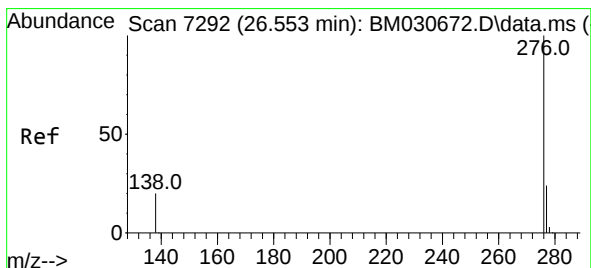
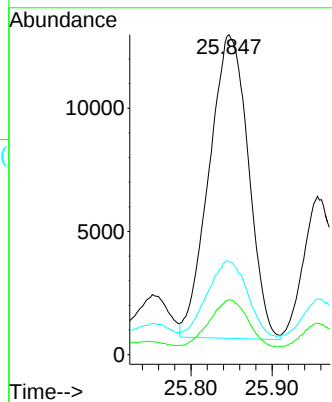
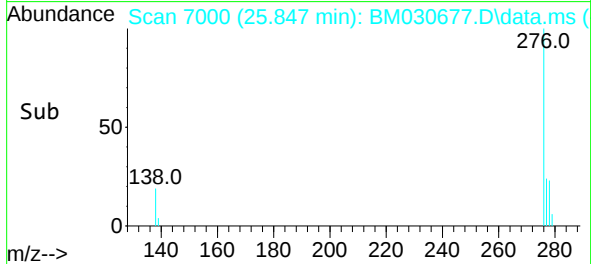
mohammad
6/29/2021 2:32:20 PM



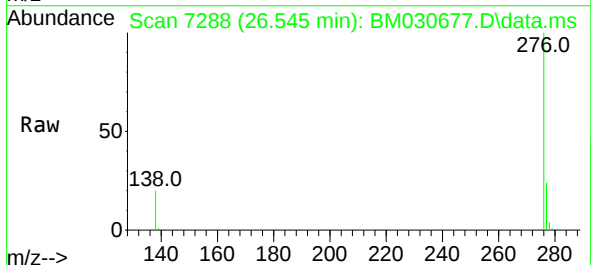
#28
Dibenzo(a,h)anthracene
Concen: 0.965 ng/ul
RT: 25.847 min Scan# 7000
Delta R.T. -0.023 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22



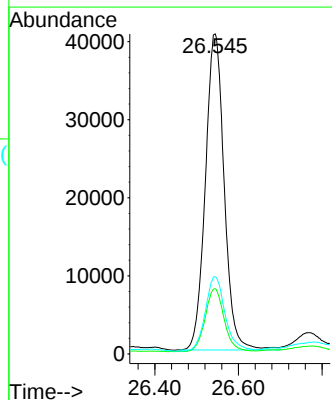
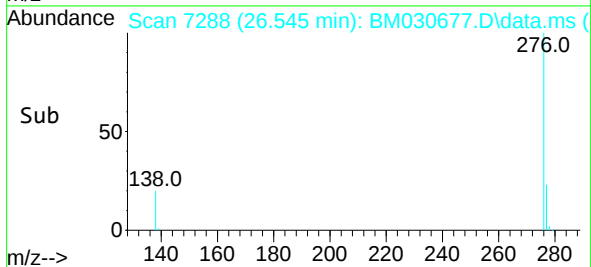
Tgt Ion:278 Resp: 41384
Ion Ratio Lower Upper
278 100
139 17.2 15.0 22.4
279 29.1 24.3 36.5



#29
Benzo(g,h,i)perylene
Concen: 2.733 ng/ul
RT: 26.545 min Scan# 7288
Delta R.T. -0.014 min
Lab File: BM030677.D
Acq: 29 Jun 2021 06:22



Tgt Ion:276 Resp: 126902
Ion Ratio Lower Upper
276 100
138 20.3 18.1 27.1
277 24.1 20.9 31.3



Instrument :
BNA_M
ClientSampleId :
BGDC8DL

Manual Integrations
APPROVED

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