

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031249.D
 Acq On : 29 Jul 2021 15:25
 Operator : CG/JU
 Sample : M3082-14DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0012DL

Manual Integrations
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Quant Time: Jul 29 15:56:02 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 : Thu Jul 29 13:28:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	1676	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	6194	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	3520	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.989	188	6816	0.400	ng/ul	0.00
17) Chrysene-d12	21.181	240	5351	0.400	ng/ul	0.00
23) Perylene-d12	23.346	264	5258	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	669	0.359	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	251	0.024	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	456	0.026	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.424	128	434	0.024	ng/ul#	67
7) 2-Methylnaphthalene	12.047	142	429	0.034	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	262	0.021	ng/ul	95
10) Acenaphthylene	13.968	152	644	0.043	ng/ul#	89
15) Phenanthrene	17.034	178	4863	0.225	ng/ul	100
16) Anthracene	17.124	178	1242m	0.061	ng/ul	
19) Fluoranthene	19.054	202	14799	0.648	ng/ul	98
20) Pyrene	19.417	202	11704	0.505	ng/ul	98
21) Benzo(a)anthracene	21.166	228	6572	0.304	ng/ul	95
22) Chrysene	21.217	228	7510	0.336	ng/ul	97
24) Benzo(b)fluoranthene	22.704	252	10991m	0.464	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	4036m	0.165	ng/ul	
26) Benzo(a)pyrene	23.254	252	4834	0.233	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.490	276	4325	0.161	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.497	278	1179	0.055	ng/ul#	48

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

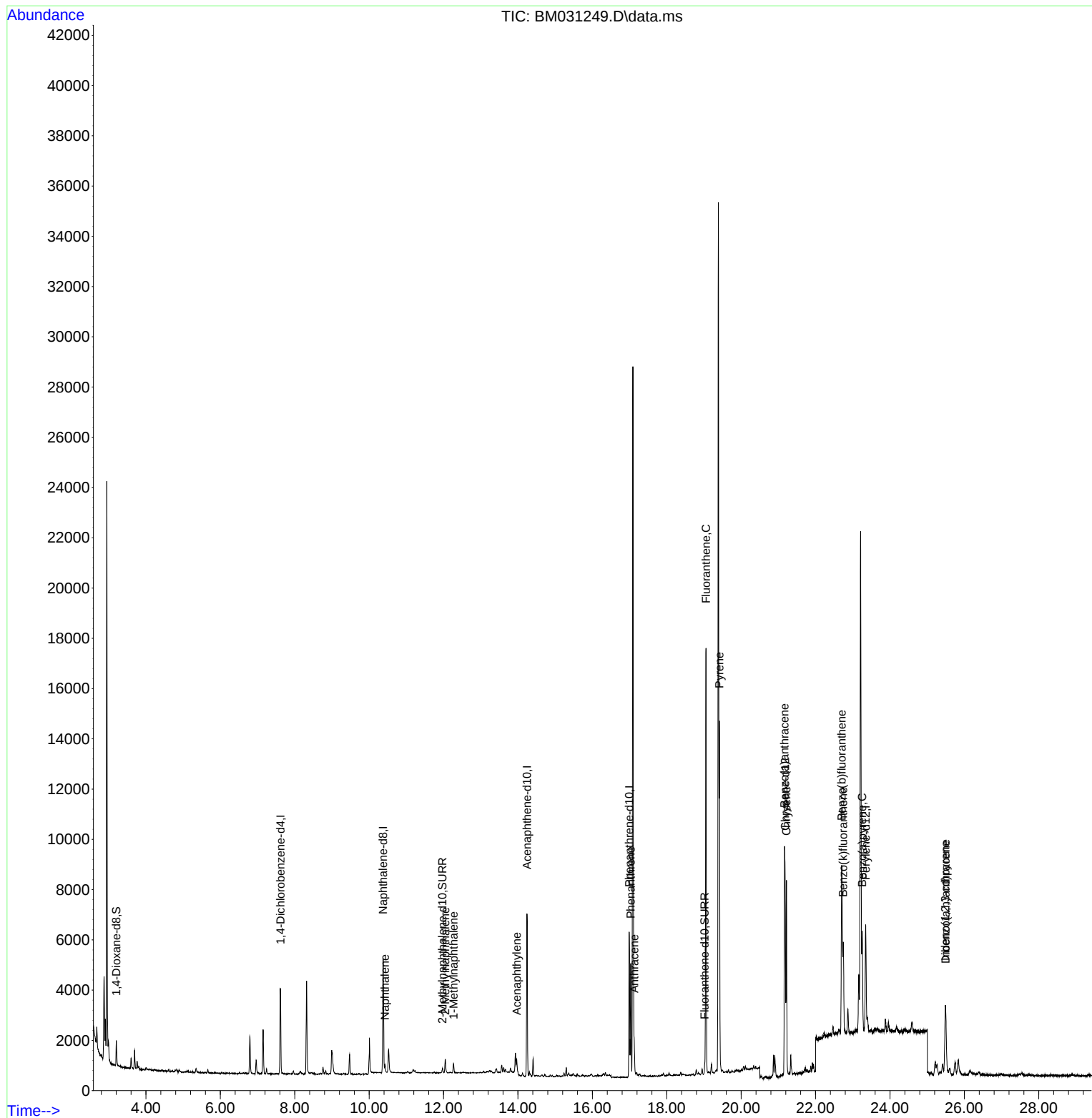
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Data File : BM031249.D
Acq On : 29 Jul 2021 15:25
Operator : CG/JU
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ALS Vial : 12 Sample Multiplier: 1

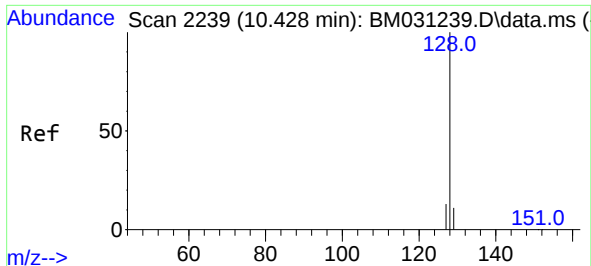
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
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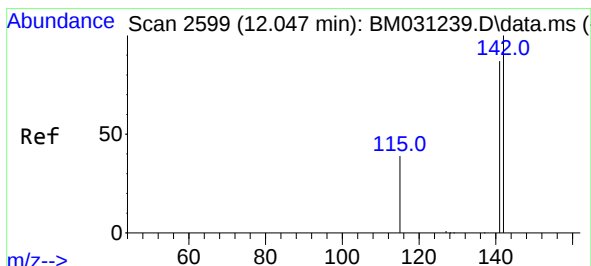
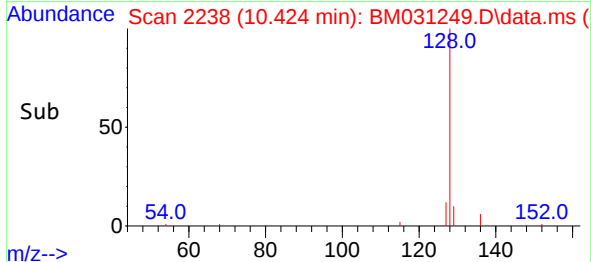
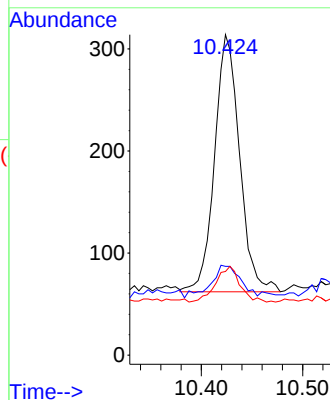
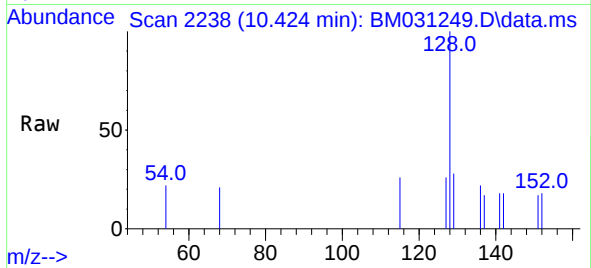
#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.004 min
Lab File: BM031249.D
Acq: 29 Jul 2021 15:25

Tgt Ion:	128	Resp:	434
Ion	Ratio	Lower	Upper
128	100		
129	27.7	10.0	15.0#
127	26.1	11.6	17.4#

Instrument :
BNA_M
ClientSampled :
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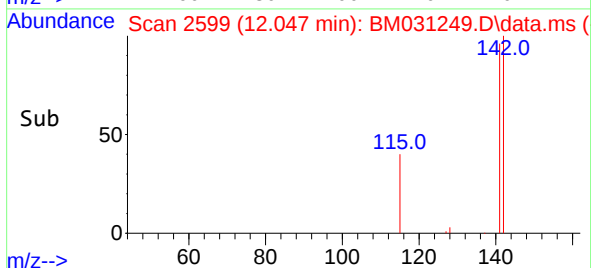
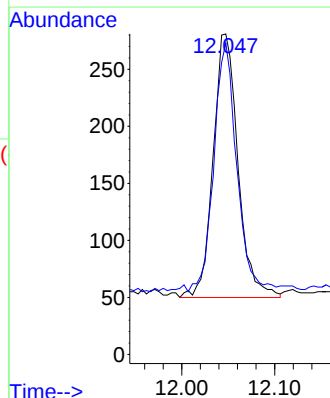
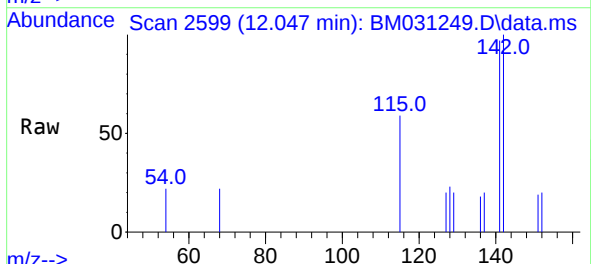
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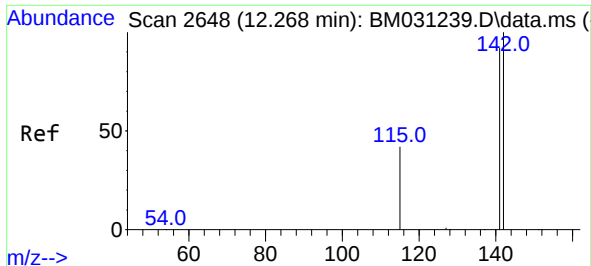
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#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BM031249.D
Acq: 29 Jul 2021 15:25

Tgt Ion:	142	Resp:	429
Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.0





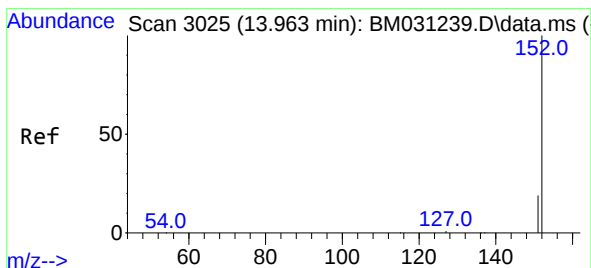
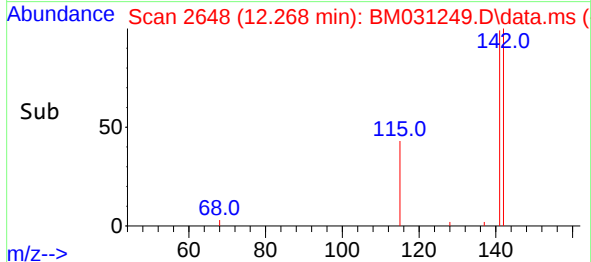
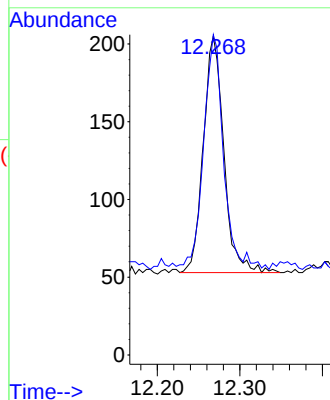
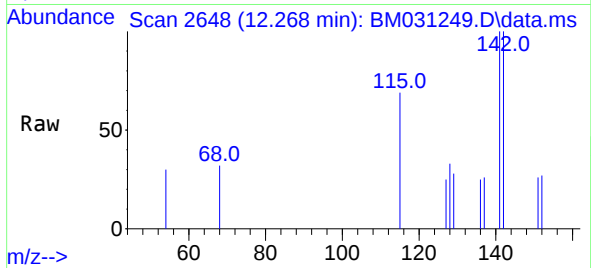
#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. 0.000 min
Lab File: BM031249.D
Acq: 29 Jul 2021 15:25

Tgt Ion:142 Resp: 262
Ion Ratio Lower Upper
142 100
141 97.3 74.1 111.1

Instrument :
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ClientSampleId :
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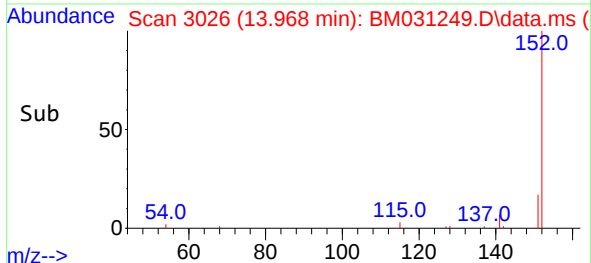
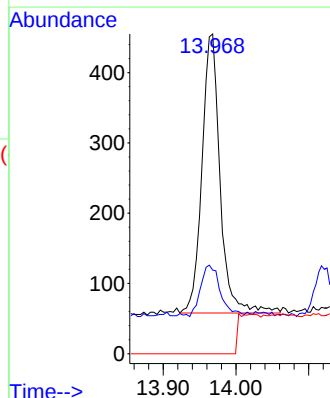
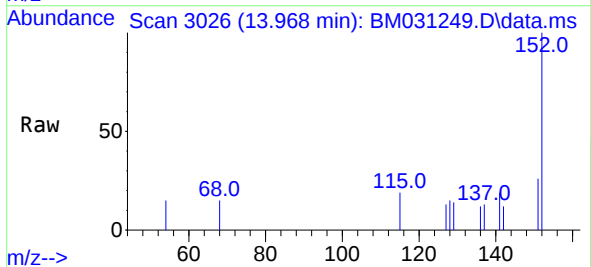
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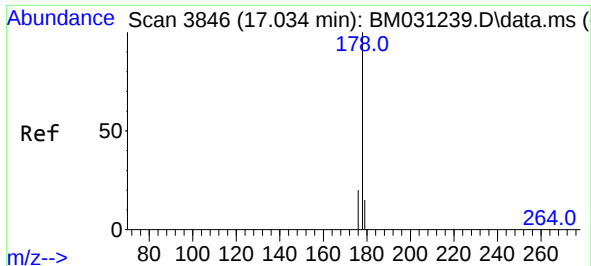
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#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 13.968 min Scan# 3026
Delta R.T. 0.005 min
Lab File: BM031249.D
Acq: 29 Jul 2021 15:25

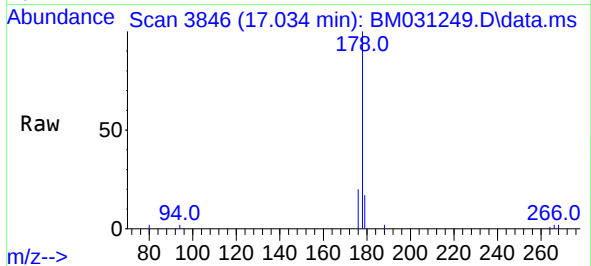
Tgt Ion:152 Resp: 644
Ion Ratio Lower Upper
152 100
151 26.2 16.9 25.3#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.225 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. 0.000 min
Lab File: BM031249.D
Acq: 29 Jul 2021 15:25

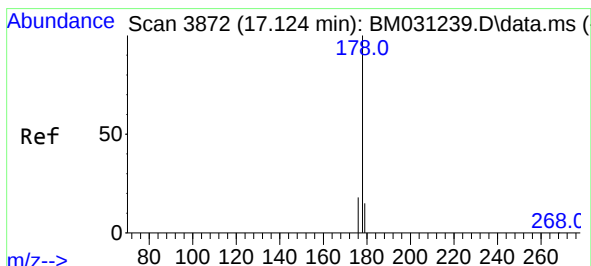
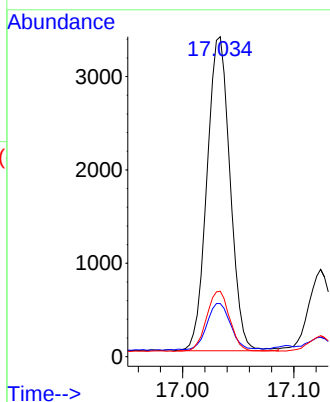
Instrument :
BNA_M
ClientSampled :
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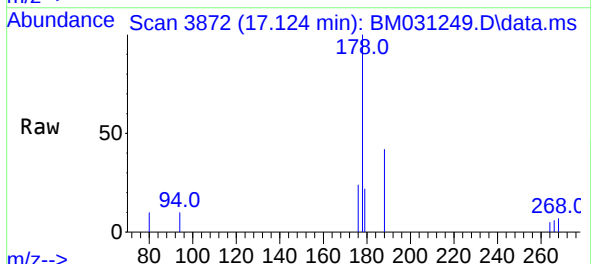
Tgt Ion:178 Resp: 4863
Ion Ratio Lower Upper
178 100
179 16.6 13.3 19.9
176 20.4 16.2 24.4

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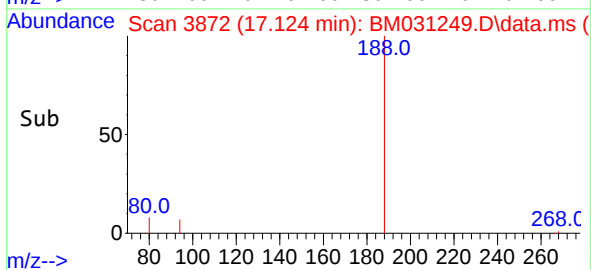
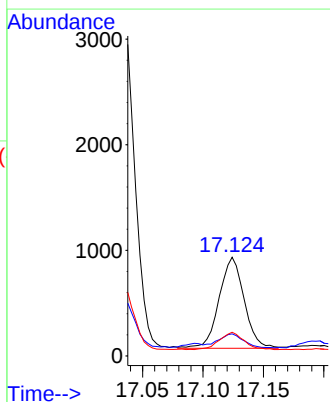
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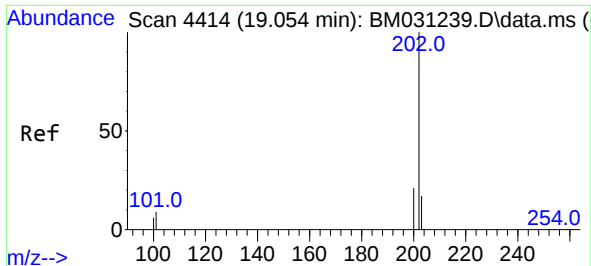


#16
Anthracene
Concen: 0.061 ng/ul m
RT: 17.124 min Scan# 3872
Delta R.T. 0.000 min
Lab File: BM031249.D
Acq: 29 Jul 2021 15:25



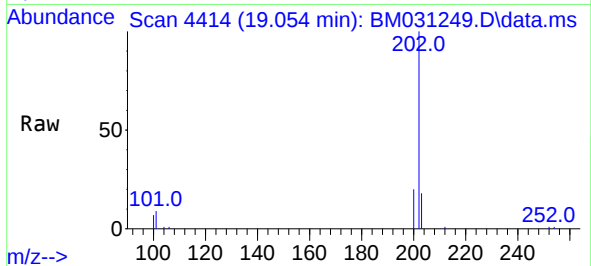
Tgt Ion:178 Resp: 1242
Ion Ratio Lower Upper
178 100
179 22.4 13.0 19.6#
176 24.1 15.6 23.4#





#19
Fluoranthene
Concen: 0.648 ng/u1
RT: 19.054 min Scan# 4414
Delta R.T. 0.000 min
Lab File: BM031249.D
Acq: 29 Jul 2021 15:25

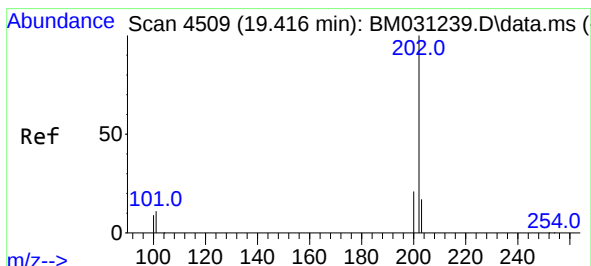
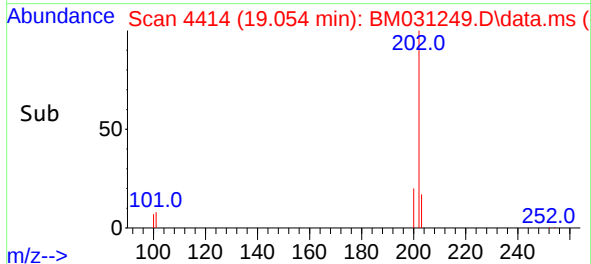
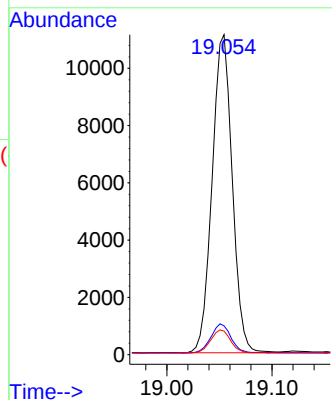
Instrument :
BNA_M
ClientSampleId :
C0012DL



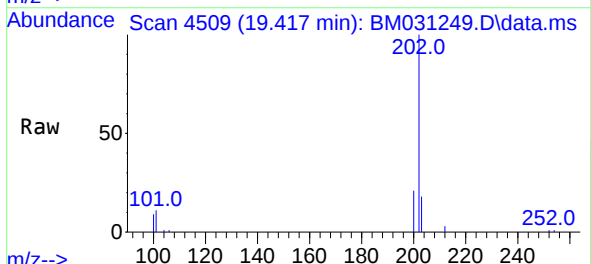
Tgt Ion:202 Resp: 14799
Ion Ratio Lower Upper
202 100
101 9.0 6.6 10.0
100 7.4 5.4 8.0

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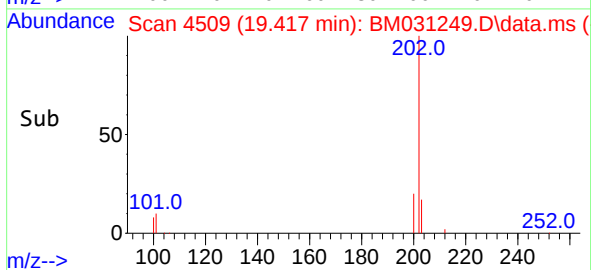
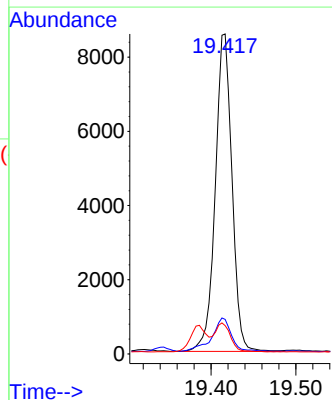
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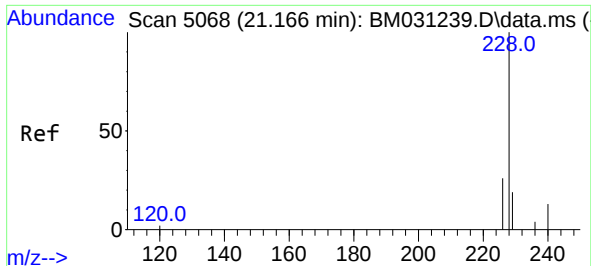


#20
Pyrene
Concen: 0.505 ng/u1
RT: 19.417 min Scan# 4509
Delta R.T. 0.000 min
Lab File: BM031249.D
Acq: 29 Jul 2021 15:25



Tgt Ion:202 Resp: 11704
Ion Ratio Lower Upper
202 100
101 10.8 7.8 11.6
100 8.8 6.6 10.0





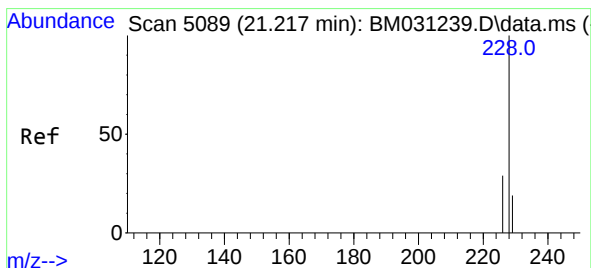
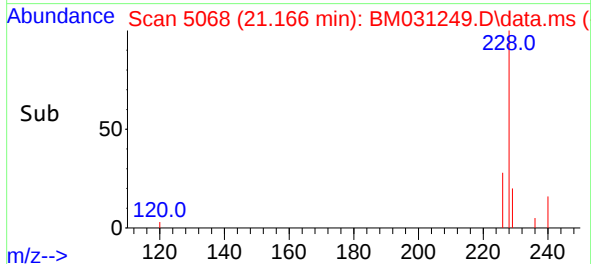
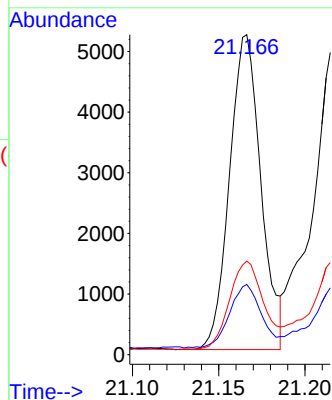
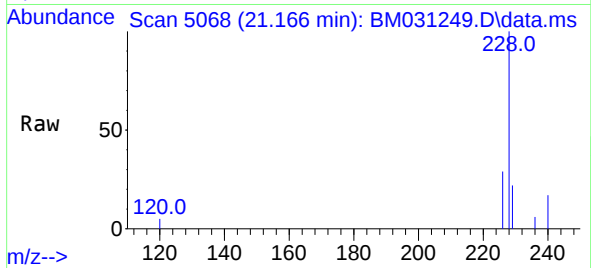
#21
Benzo(a)anthracene
Concen: 0.304 ng/uI
RT: 21.166 min Scan# 5068
Delta R.T. 0.000 min
Lab File: BM031249.D
Acq: 29 Jul 2021 15:25

Tgt Ion:	228	Resp:	6572
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.6	23.4
226	29.2	21.7	32.5

Instrument :
BNA_M
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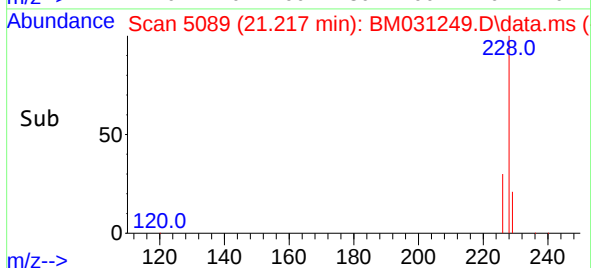
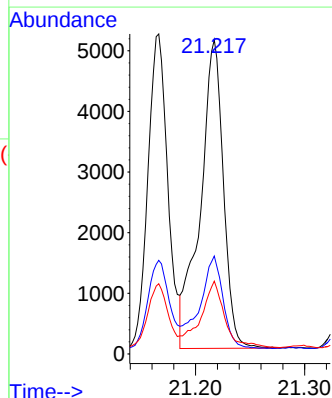
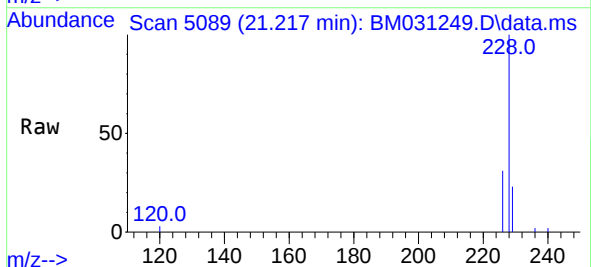
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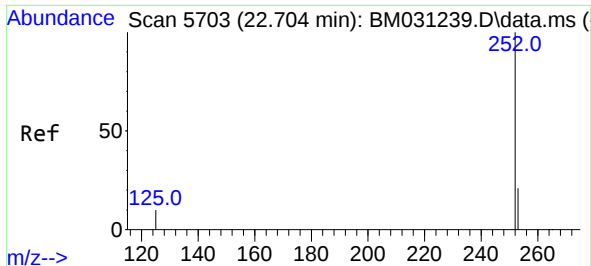
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#22
Chrysene
Concen: 0.336 ng/uI
RT: 21.217 min Scan# 5089
Delta R.T. 0.000 min
Lab File: BM031249.D
Acq: 29 Jul 2021 15:25

Tgt Ion:	228	Resp:	7510
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.7	37.1
229	23.2	16.2	24.2





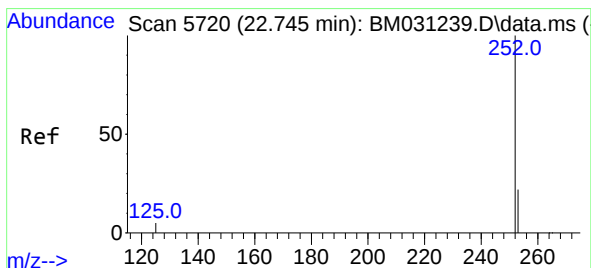
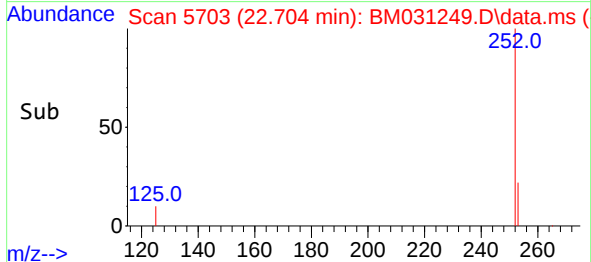
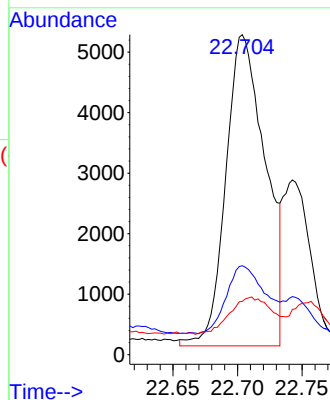
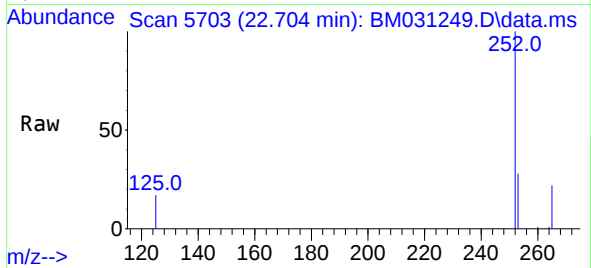
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Benzo(b)fluoranthene
Concen: 0.464 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. 0.000 min
Lab File: BM031249.D
Acq: 29 Jul 2021 15:25

Tgt Ion:	252	Resp:	10991
Ion Ratio	Lower	Upper	
252	100		
253	27.8	0.0	53.0
125	16.7	0.0	22.8

Instrument :
BNA_M
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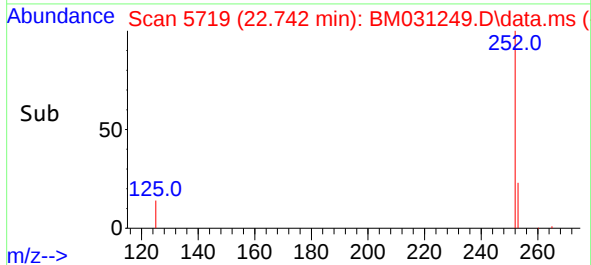
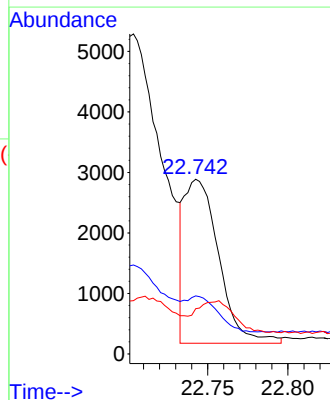
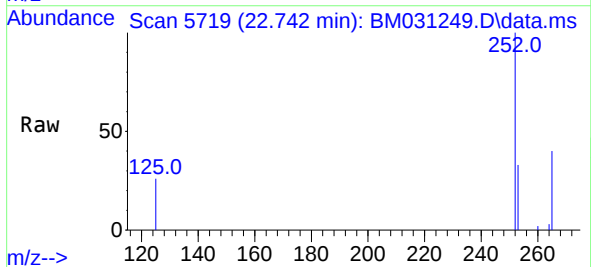
Manual Integrations
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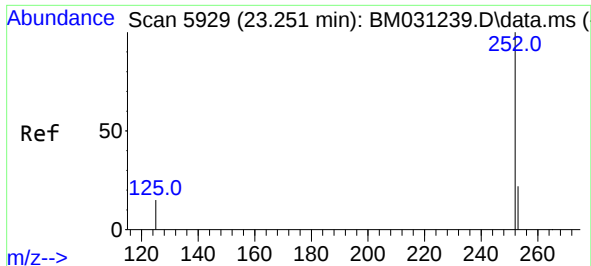
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#25
Benzo(k)fluoranthene
Concen: 0.165 ng/ul m
RT: 22.742 min Scan# 5719
Delta R.T. -0.002 min
Lab File: BM031249.D
Acq: 29 Jul 2021 15:25

Tgt Ion:	252	Resp:	4036
Ion Ratio	Lower	Upper	
252	100		
253	33.2	21.3	31.9#
125	25.9	8.8	13.2#





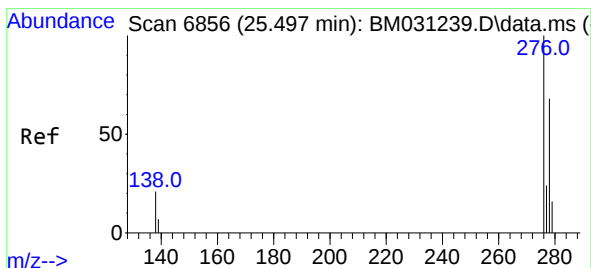
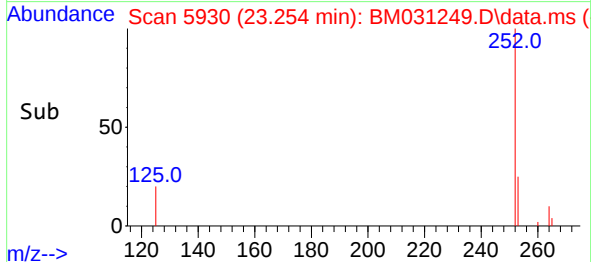
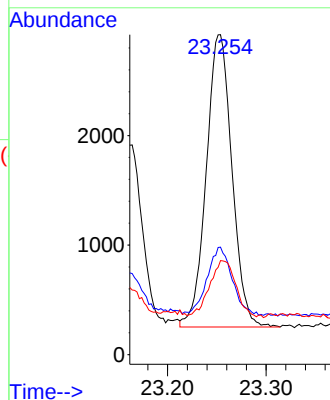
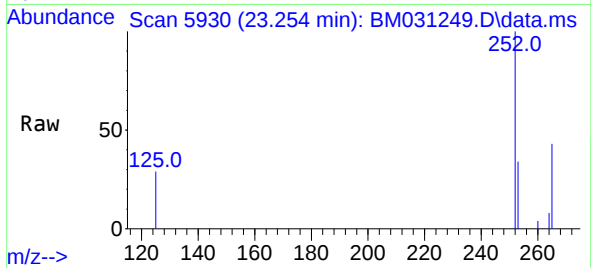
#26
Benzo(a)pyrene
Concen: 0.233 ng/ul
RT: 23.254 min Scan# 5930
Delta R.T. 0.002 min
Lab File: BM031249.D
Acq: 29 Jul 2021 15:25

Tgt Ion:	252	Resp:	4834
Ion Ratio	Lower	Upper	
252	100		
253	33.6	22.4	33.6
125	29.4	13.0	19.4#

Instrument :
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ClientSampled :
C0012DL

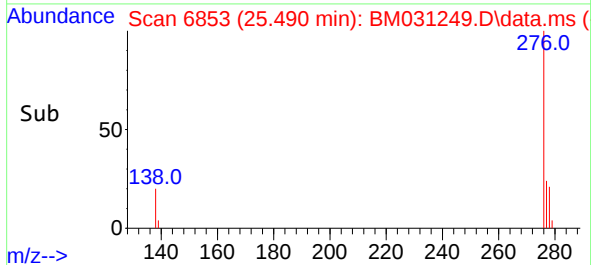
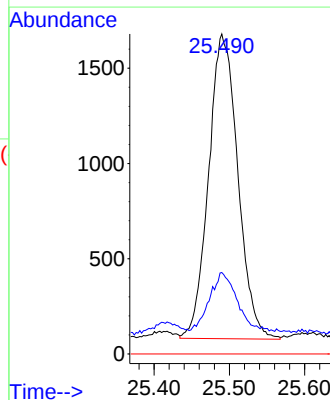
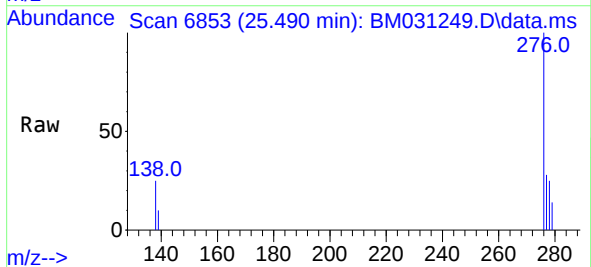
Manual Integrations
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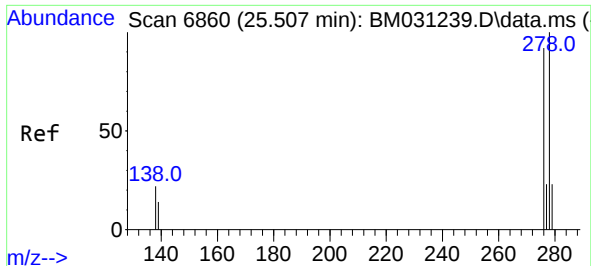
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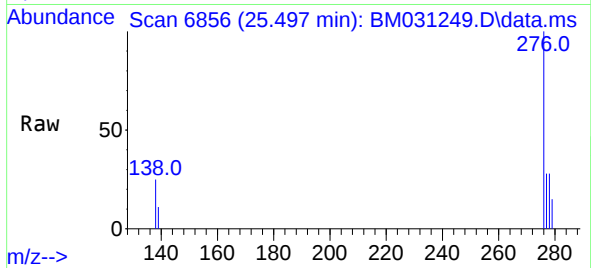
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.161 ng/ul
RT: 25.490 min Scan# 6853
Delta R.T. -0.007 min
Lab File: BM031249.D
Acq: 29 Jul 2021 15:25

Tgt Ion:	276	Resp:	4325
Ion Ratio	Lower	Upper	
276	100		
138	19.0	15.8	23.8
227	0.0	0.0	0.0

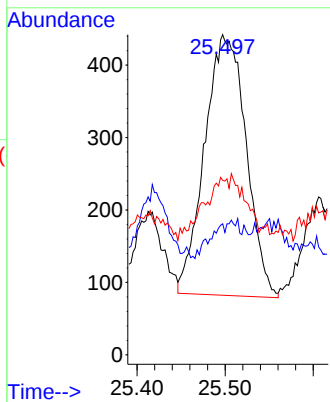
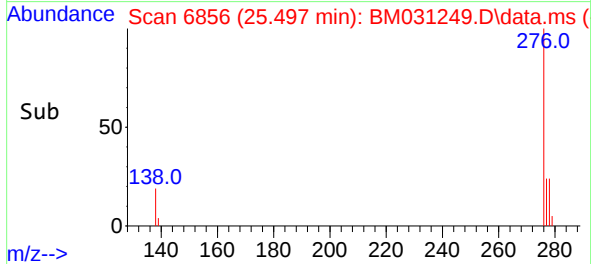




#28
 Dibenzo(a,h)anthracene
 Concen: 0.055 ng/ul
 RT: 25.497 min Scan# 6856
 Delta R.T. -0.010 min
 Lab File: BM031249.D
 Acq: 29 Jul 2021 15:25



Tgt Ion: 278 Resp: 1179
 Ion Ratio Lower Upper
 278 100
 139 41.0 13.3 19.9#
 279 54.5 22.8 34.2#



Instrument :
 BNA_M
 ClientSampleId :
 C0012DL

Manual Integrations
 APPROVED

mohammad
 7/30/2021 12:02:03 PM