

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031242.D
 Acq On : 29 Jul 2021 11:07
 Operator : CG/JU
 Sample : M3082-22DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0020DL

Manual Integrations
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Quant Time: Jul 29 11:44:10 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 10:56:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	1749	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	6635	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.242	164	3924	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	7698	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.180	240	5965	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	5628	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	702	0.361	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	289	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	596	0.030	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.424	128	1749	0.088	ng/ul#	92
7) 2-Methylnaphthalene	12.043	142	1197	0.089	ng/ul	100
8) 1-Methylnaphthalene	12.268	142	722	0.054	ng/ul	97
10) Acenaphthylene	13.963	152	1233	0.074	ng/ul#	91
15) Phenanthrene	17.034	178	8663	0.354	ng/ul	98
16) Anthracene	17.124	178	1470	0.064	ng/ul#	87
19) Fluoranthene	19.050	202	18237	0.716	ng/ul	96
20) Pyrene	19.416	202	12287	0.476	ng/ul	97
21) Benzo(a)anthracene	21.164	228	7882	0.327	ng/ul	94
22) Chrysene	21.217	228	9258	0.371	ng/ul	97
24) Benzo(b)fluoranthene	22.703	252	12246m	0.483	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	4275m	0.163	ng/ul	
26) Benzo(a)pyrene	23.253	252	4292	0.193	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.494	276	4409	0.154	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.502	278	1448	0.063	ng/ul#	53

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

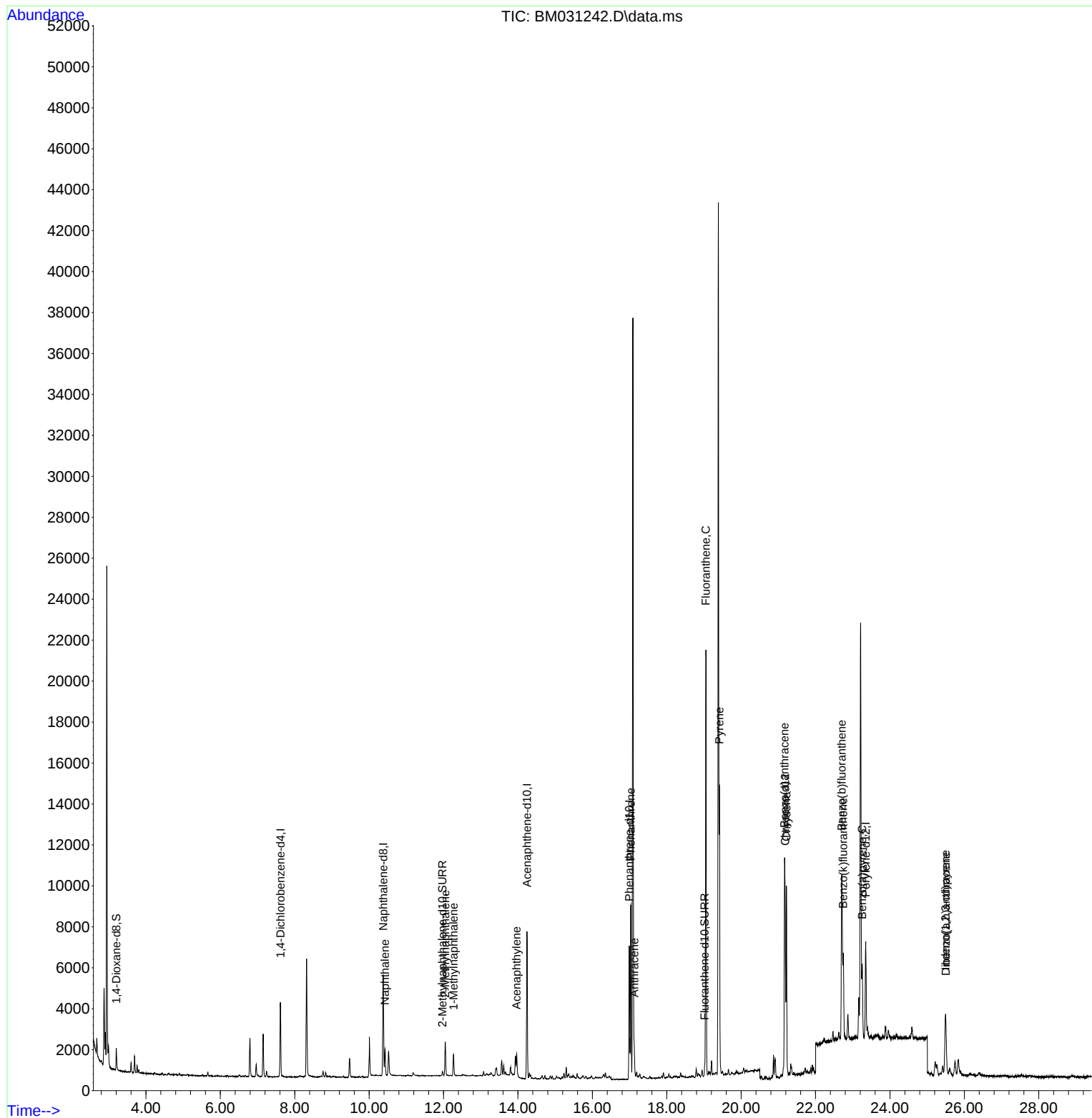
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031242.D
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Operator : CG/JU
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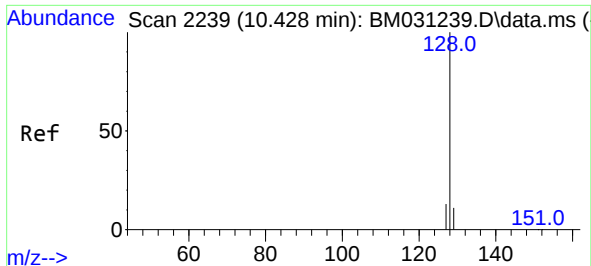
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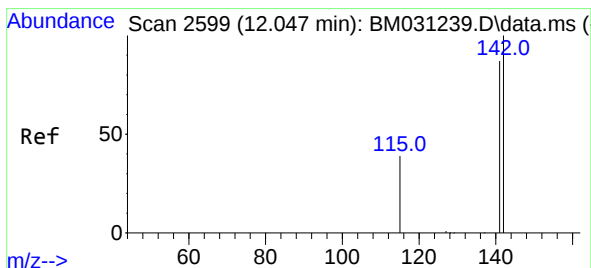
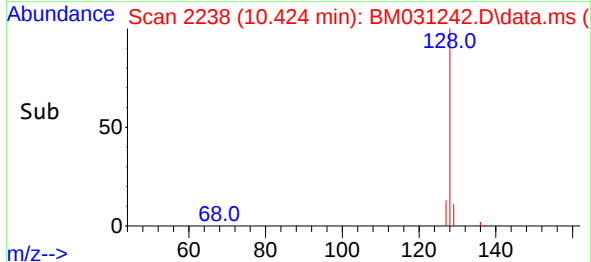
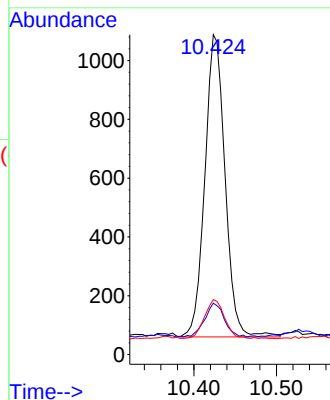
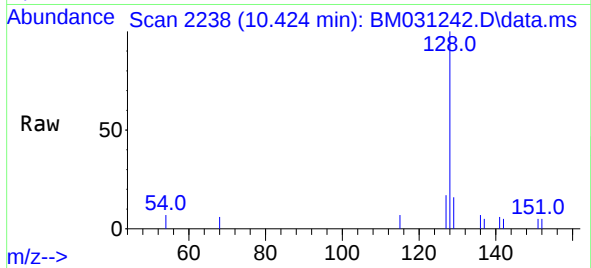
#5
Naphthalene
Concen: 0.088 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.005 min
Lab File: BM031242.D
Acq: 29 Jul 2021 11:07

Tgt Ion:128 Resp: 1749
Ion Ratio Lower Upper
128 100
129 16.1 10.0 15.0#
127 17.2 11.6 17.4

Instrument :
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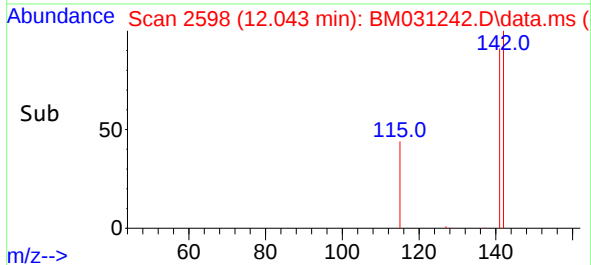
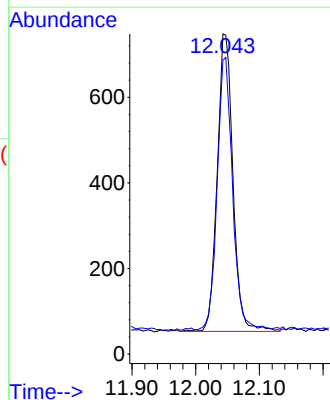
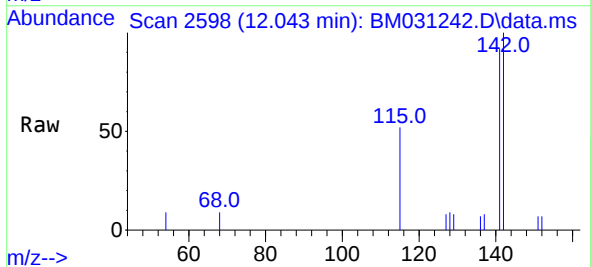
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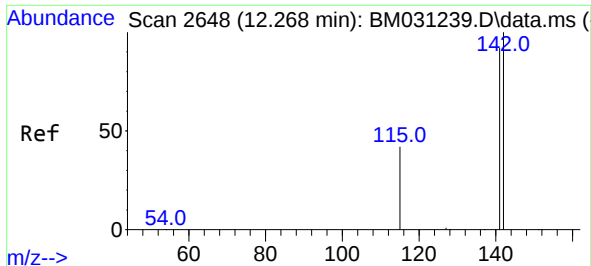
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#7
2-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. -0.005 min
Lab File: BM031242.D
Acq: 29 Jul 2021 11:07

Tgt Ion:142 Resp: 1197
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0





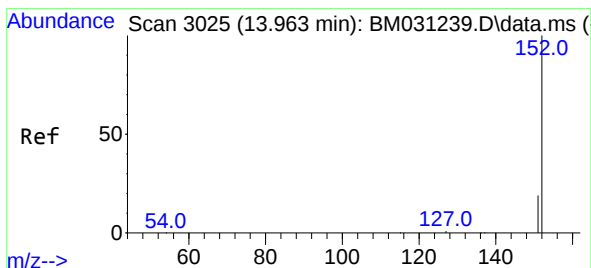
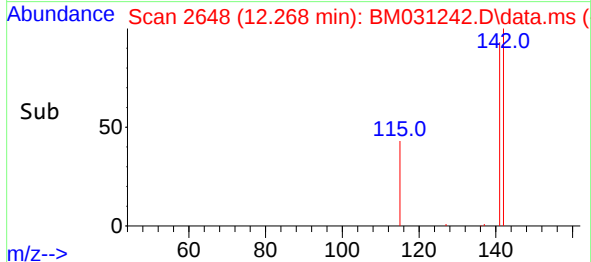
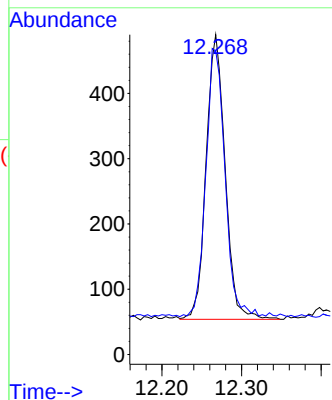
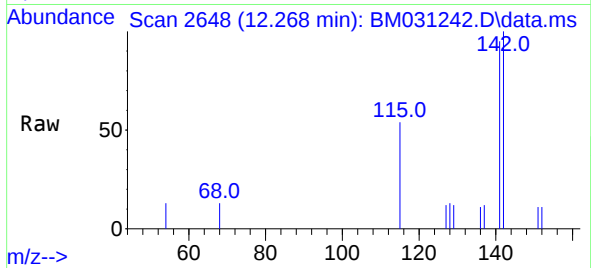
#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031242.D
Acq: 29 Jul 2021 11:07

Tgt Ion:142 Resp: 722
Ion Ratio Lower Upper
142 100
141 95.0 74.1 111.1

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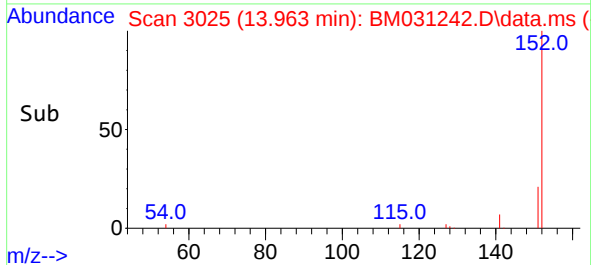
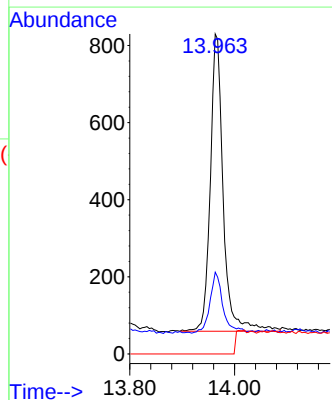
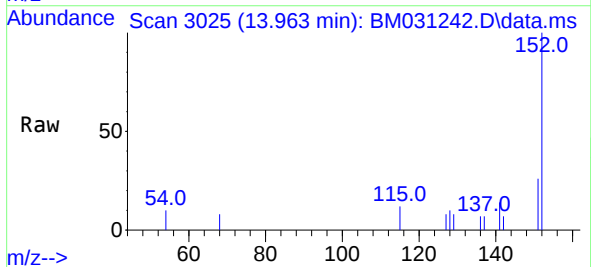
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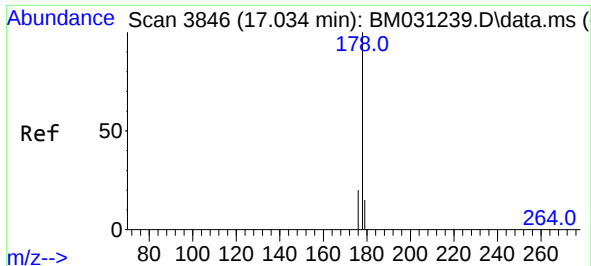
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#10
Acenaphthylene
Concen: 0.074 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.000 min
Lab File: BM031242.D
Acq: 29 Jul 2021 11:07

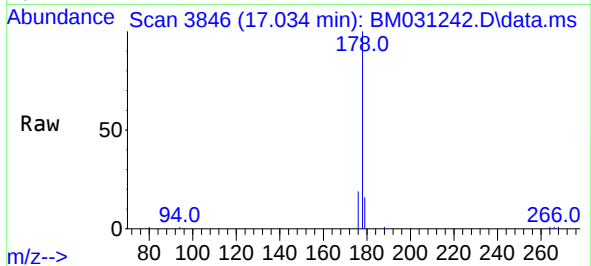
Tgt Ion:152 Resp: 1233
Ion Ratio Lower Upper
152 100
151 25.5 16.9 25.3#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.354 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031242.D
Acq: 29 Jul 2021 11:07

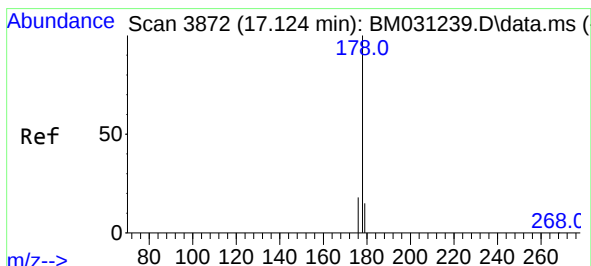
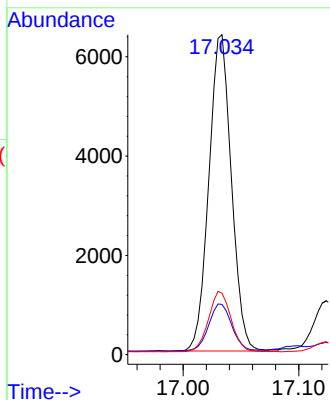
Instrument :
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ClientSampled :
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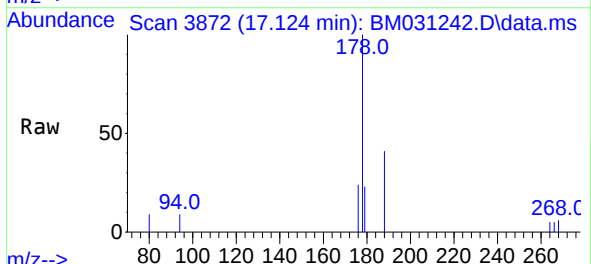
Tgt Ion:178 Resp: 8663
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.2 16.2 24.4

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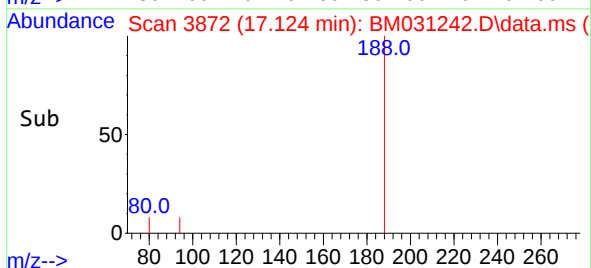
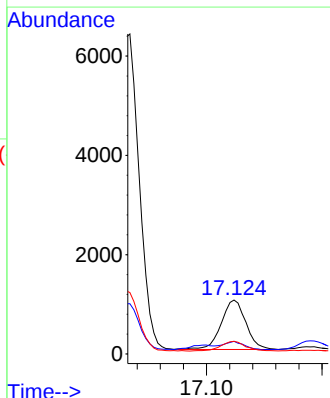
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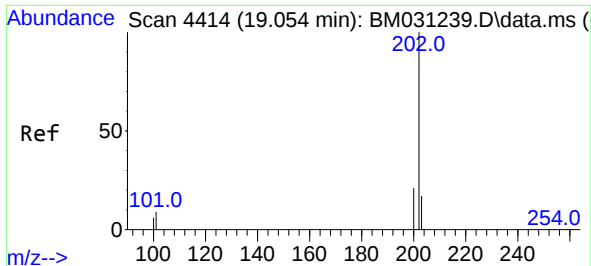


#16
Anthracene
Concen: 0.064 ng/ul
RT: 17.124 min Scan# 3872
Delta R.T. -0.000 min
Lab File: BM031242.D
Acq: 29 Jul 2021 11:07



Tgt Ion:178 Resp: 1470
Ion Ratio Lower Upper
178 100
179 23.5 13.0 19.6#
176 23.6 15.6 23.4#





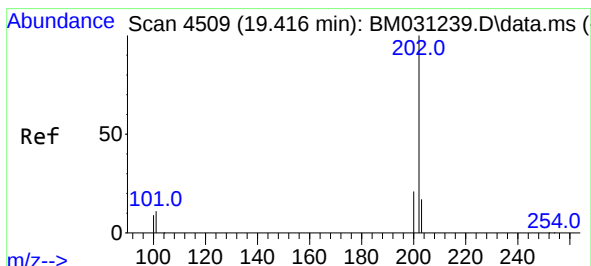
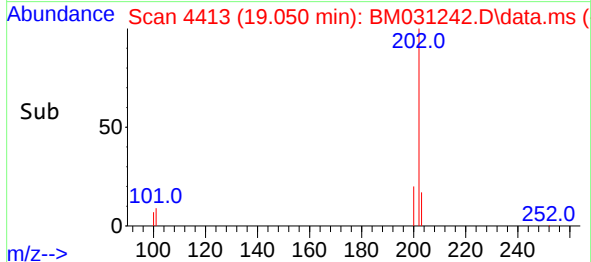
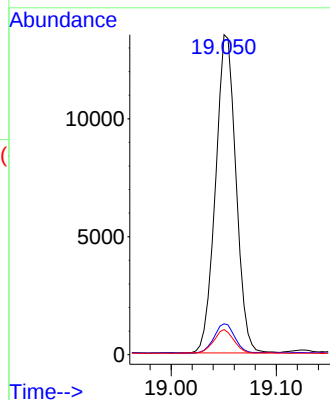
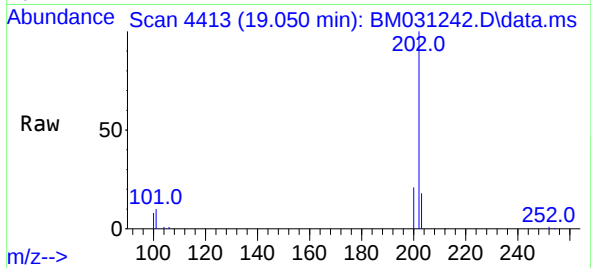
#19
Fluoranthene
Concen: 0.716 ng/ul
RT: 19.050 min Scan# 4413
Delta R.T. -0.004 min
Lab File: BM031242.D
Acq: 29 Jul 2021 11:07

Tgt Ion:	202	Resp:	18237
Ion Ratio	Lower	Upper	
202	100		
101	9.6	6.6	10.0
100	7.8	5.4	8.0

Instrument :
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ClientSampleId :
C0020DL

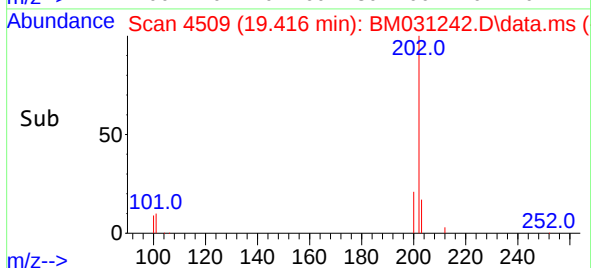
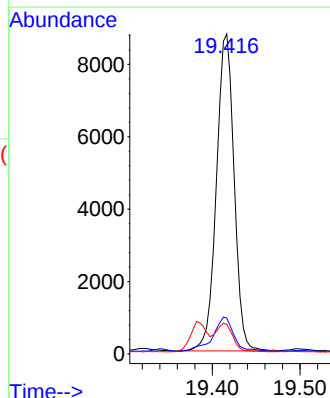
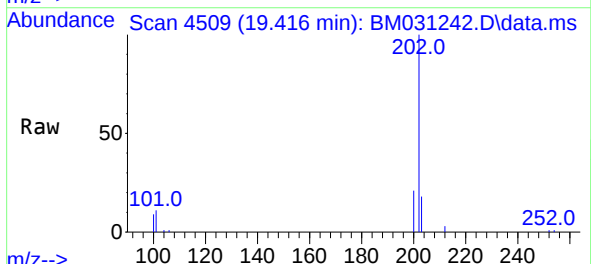
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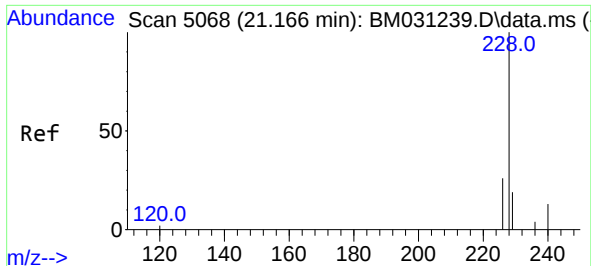
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#20
Pyrene
Concen: 0.476 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031242.D
Acq: 29 Jul 2021 11:07

Tgt Ion:	202	Resp:	12287
Ion Ratio	Lower	Upper	
202	100		
101	11.2	7.8	11.6
100	9.3	6.6	10.0





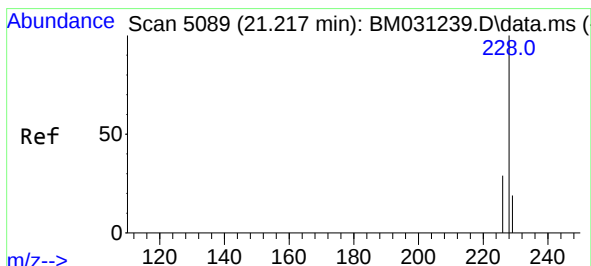
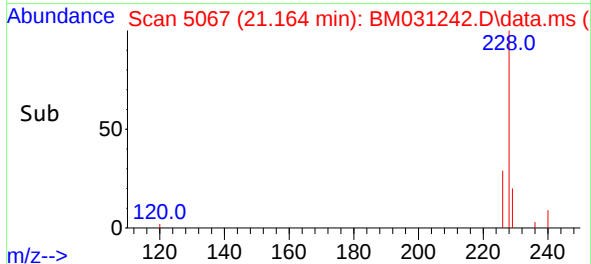
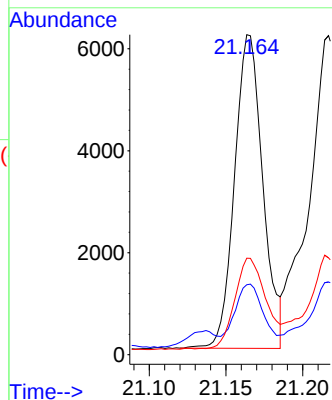
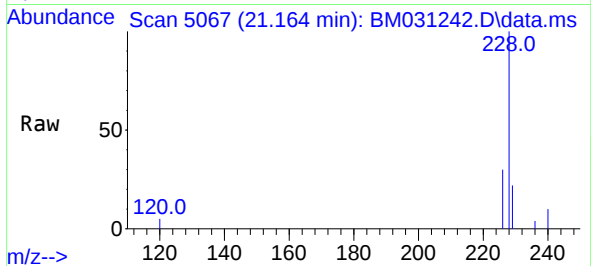
#21
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 21.164 min Scan# 5067
Delta R.T. -0.003 min
Lab File: BM031242.D
Acq: 29 Jul 2021 11:07

Tgt Ion:	228	Resp:	7882
Ion Ratio	Lower	Upper	
228	100		
229	21.9	15.6	23.4
226	30.2	21.7	32.5

Instrument :
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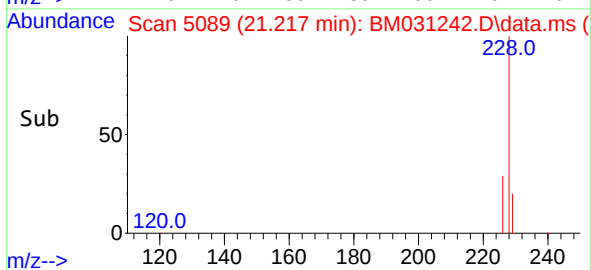
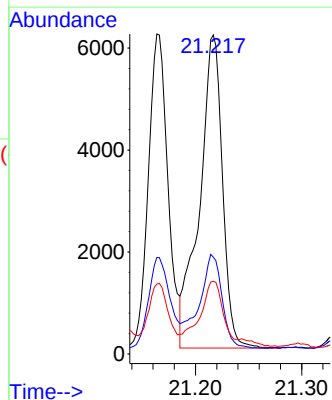
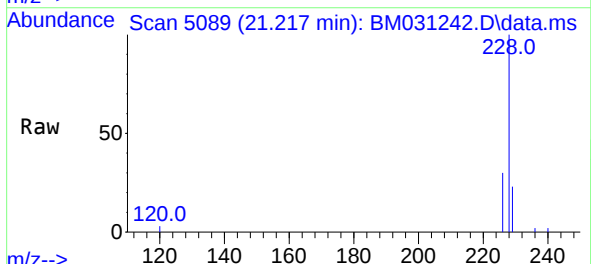
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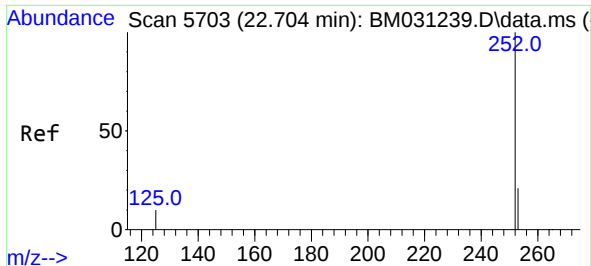
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#22
Chrysene
Concen: 0.371 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031242.D
Acq: 29 Jul 2021 11:07

Tgt Ion:	228	Resp:	9258
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.7	37.1
229	22.8	16.2	24.2





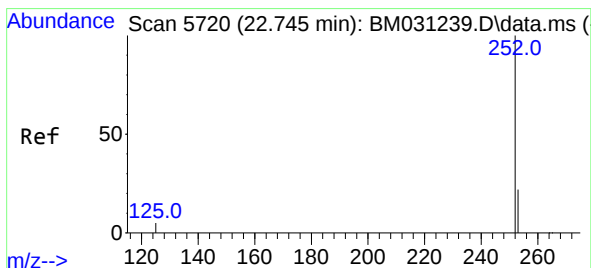
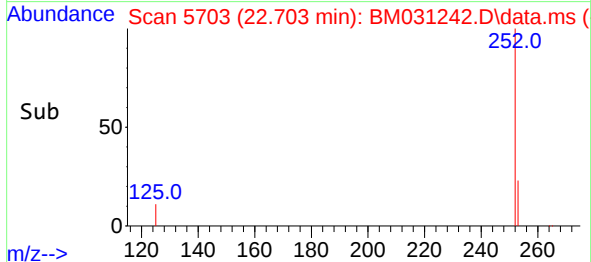
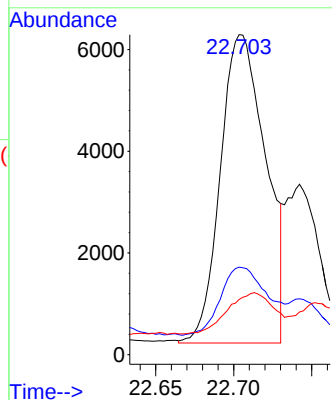
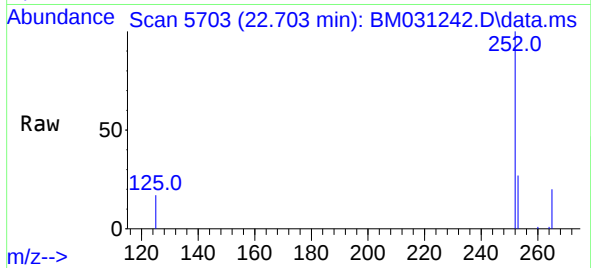
#24
Benzo(b)fluoranthene
Concen: 0.483 ng/ul m
RT: 22.703 min Scan# 5703
Delta R.T. -0.000 min
Lab File: BM031242.D
Acq: 29 Jul 2021 11:07

Tgt Ion:	252	Resp:	12246
Ion Ratio	Lower	Upper	
252	100		
253	27.4	0.0	53.0
125	17.2	0.0	22.8

Instrument :
BNA_M
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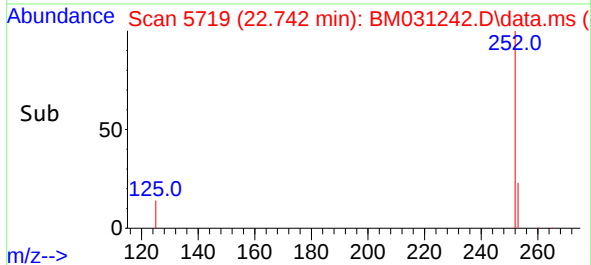
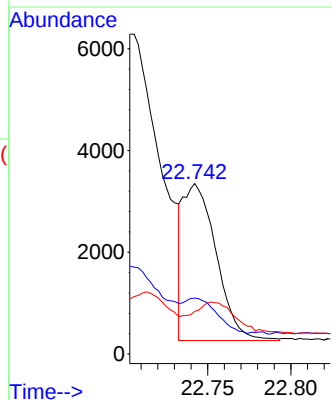
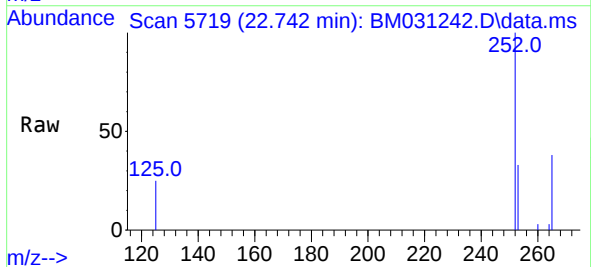
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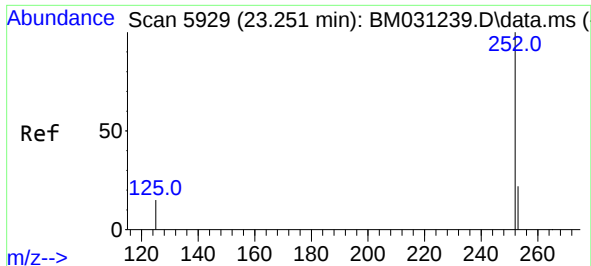
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#25
Benzo(k)fluoranthene
Concen: 0.163 ng/ul m
RT: 22.742 min Scan# 5719
Delta R.T. -0.003 min
Lab File: BM031242.D
Acq: 29 Jul 2021 11:07

Tgt Ion:	252	Resp:	4275
Ion Ratio	Lower	Upper	
252	100		
253	32.8	21.3	31.9#
125	25.0	8.8	13.2#





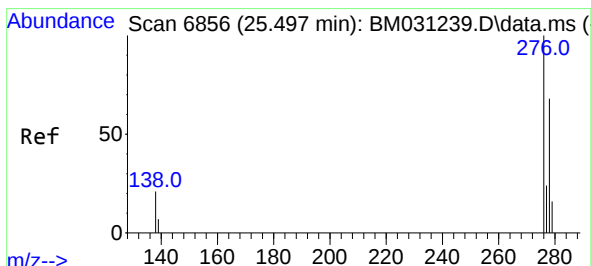
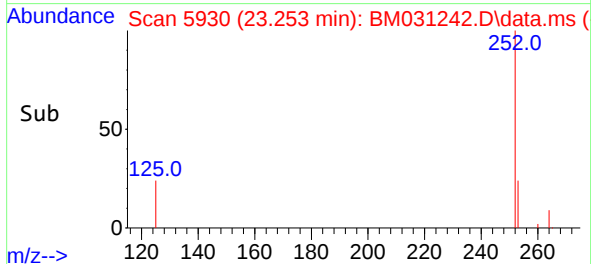
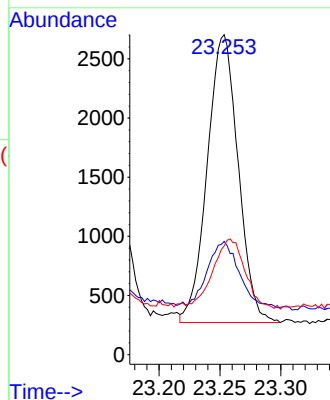
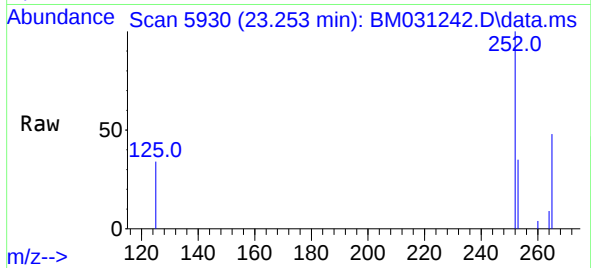
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Benzo(a)pyrene
Concen: 0.193 ng/ul
RT: 23.253 min Scan# 5930
Delta R.T. 0.002 min
Lab File: BM031242.D
Acq: 29 Jul 2021 11:07

Tgt Ion:	252	Resp:	4292
Ion Ratio	Lower	Upper	
252	100		
253	35.4	22.4	33.6#
125	34.0	13.0	19.4#

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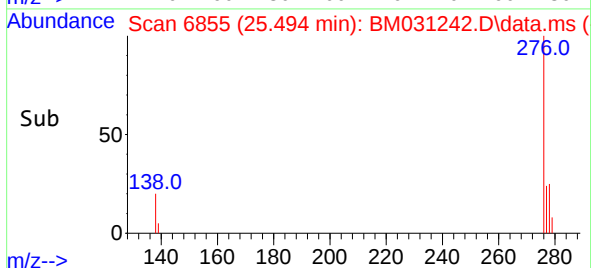
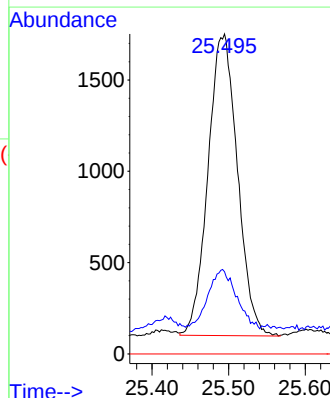
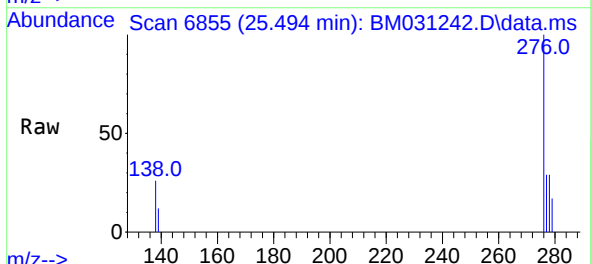
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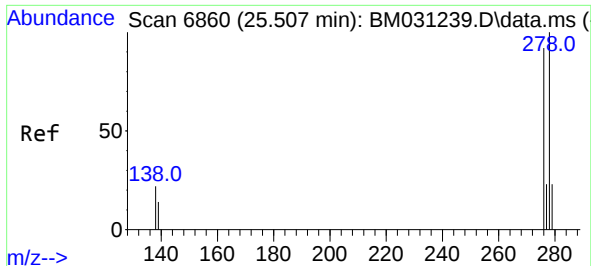
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.154 ng/ul
RT: 25.494 min Scan# 6855
Delta R.T. -0.003 min
Lab File: BM031242.D
Acq: 29 Jul 2021 11:07

Tgt Ion:	276	Resp:	4409
Ion Ratio	Lower	Upper	
276	100		
138	19.9	15.8	23.8
227	0.0	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.063 ng/ul

RT: 25.502 min Scan# 6858

Delta R.T. -0.005 min

Lab File: BM031242.D

Acq: 29 Jul 2021 11:07

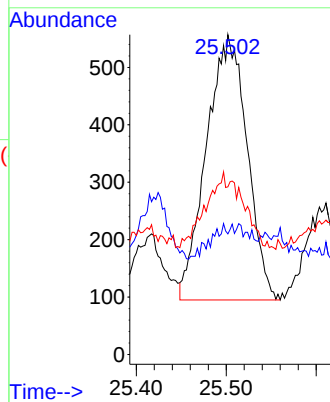
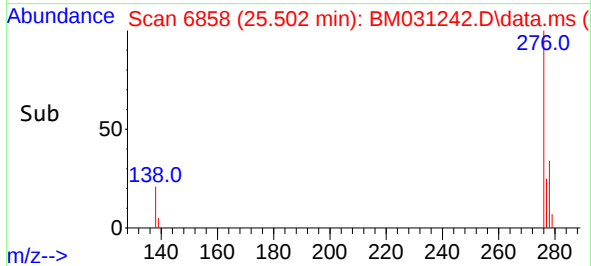
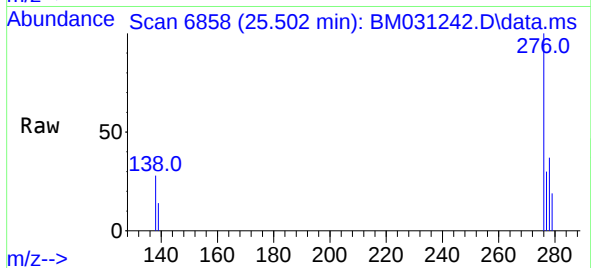
Tgt Ion: 278 Resp: 1448

Ion Ratio Lower Upper

278 100

139 37.7 13.3 19.9#

279 52.4 22.8 34.2#



Instrument :

BNA_M

ClientSampleId :

C0020DL

Manual Integrations

APPROVED

mohammad

7/30/2021 12:01:42 PM