

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031383.D
 Acq On : 02 Aug 2021 19:47
 Operator : CG/JU
 Sample : M3123-02DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0065DL

Manual Integrations
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 8/3/2021 11:50:41 AM

Quant Time: Aug 03 02:06:27 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 : Mon Aug 02 11:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	1692	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	6326	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.231	164	3674	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	6744	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.171	240	4970	0.40	ng/ul	0.00
23) Perylene-d12	23.334	264	4671	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	954	0.51	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	431	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	775	0.05	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.410	128	4209	0.22	ng/ul	98
7) 2-Methylnaphthalene	12.034	142	6011	0.47	ng/ul	100
8) 1-Methylnaphthalene	12.254	142	3523	0.28	ng/ul	98
10) Acenaphthylene	13.950	152	313	0.02	ng/ul#	46
14) Pentachlorophenol	16.631	266	202	0.09	ng/ul	96
15) Phenanthrene	17.020	178	10330	0.48	ng/ul	99
16) Anthracene	17.114	178	407	0.02	ng/ul#	65
19) Fluoranthene	19.043	202	3212	0.15	ng/ul#	91
20) Pyrene	19.405	202	2809	0.13	ng/ul#	87
21) Benzo(a)anthracene	21.154	228	1166	0.06	ng/ul#	73
22) Chrysene	21.205	228	4118	0.20	ng/ul#	94
24) Benzo(b)fluoranthene	22.692	252	2346m	0.11	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	692m	0.03	ng/ul	
26) Benzo(a)pyrene	23.237	252	852	0.05	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.473	276	760	0.03	ng/ul#	94

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

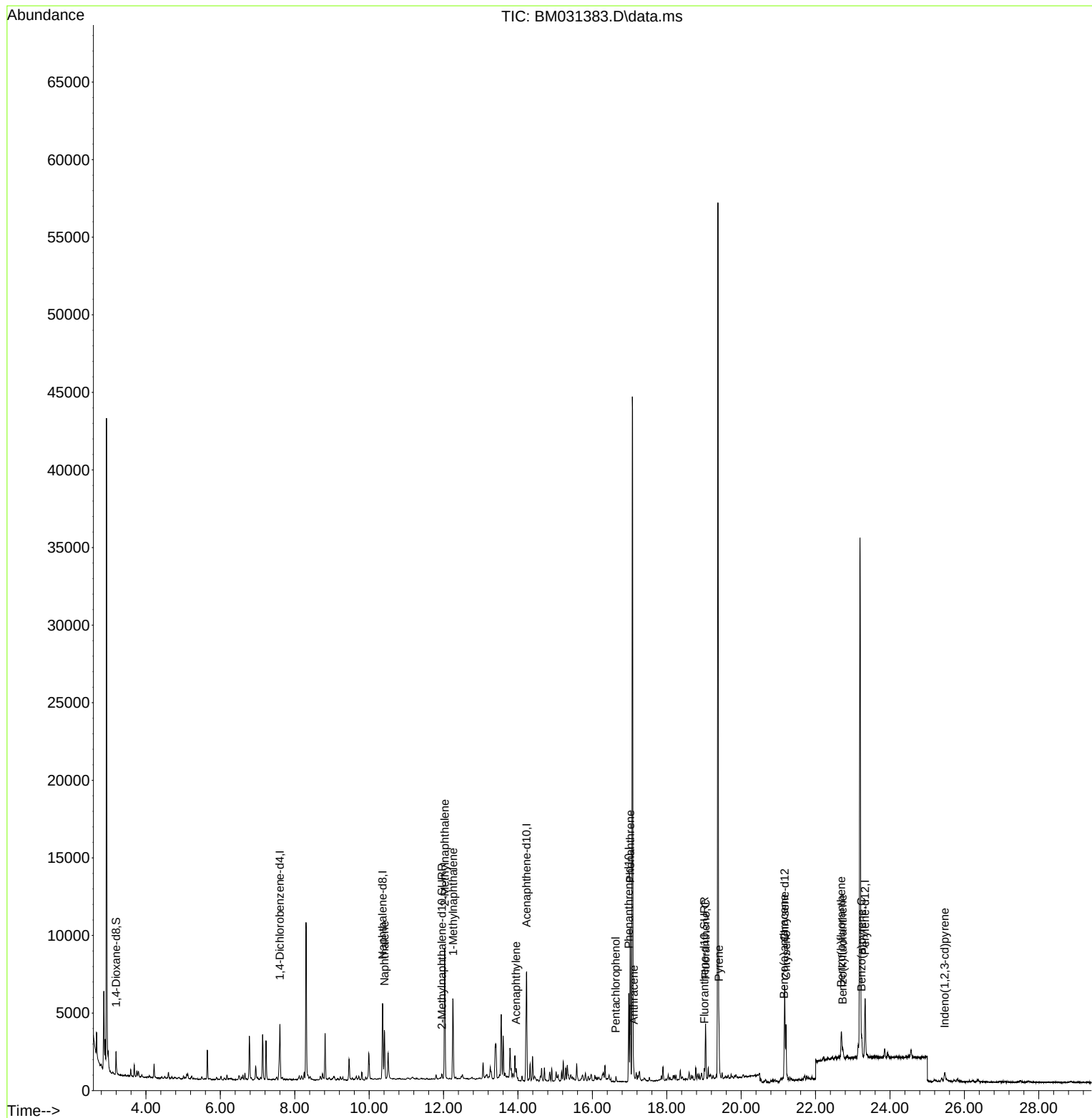
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Data File : BM031383.D
Acq On : 02 Aug 2021 19:47
Operator : CG/JU
Sample : M3123-02DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

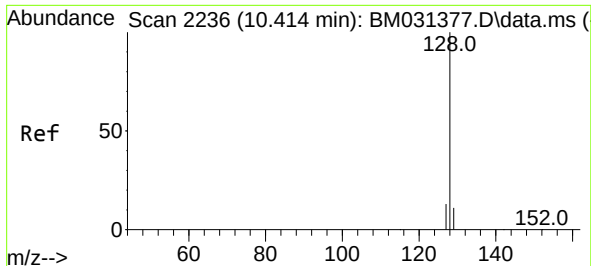
Instrument :
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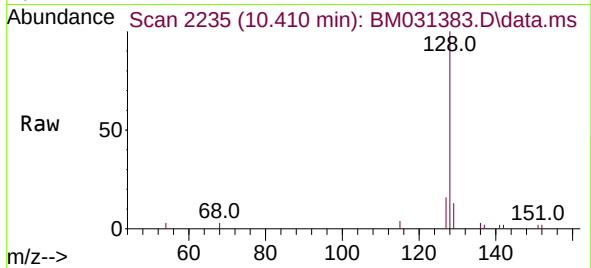
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Quant Time: Aug 03 02:06:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

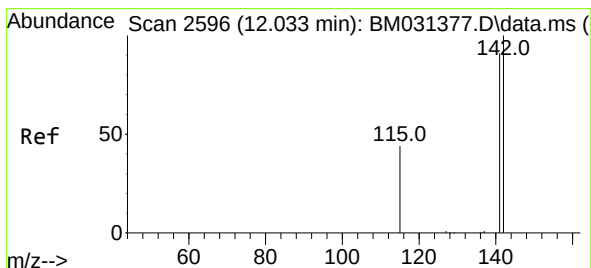
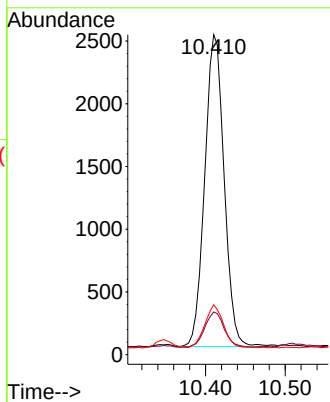
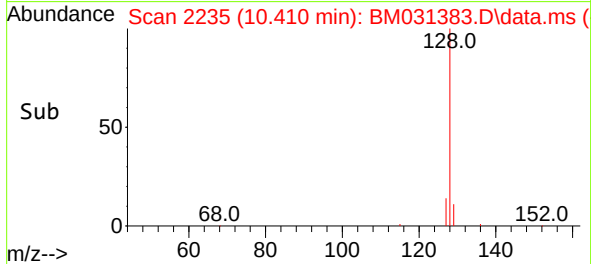




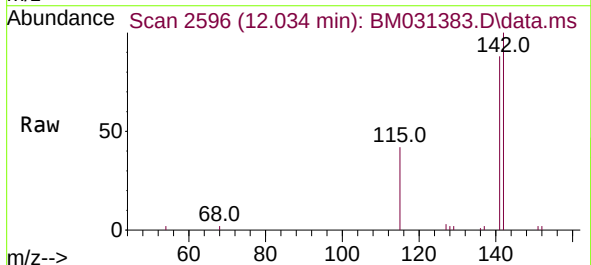
#5
Naphthalene
Concen: 0.22 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BM031383.D
Acq: 02 Aug 2021 19:47



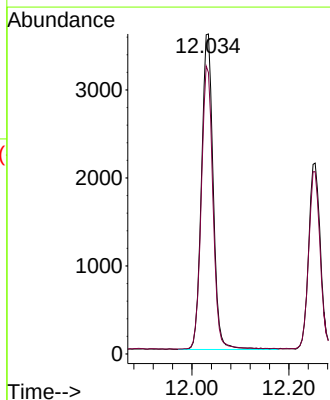
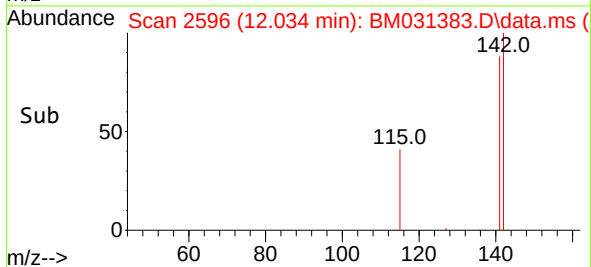
Tgt Ion:	128	Resp:	4209
Ion Ratio	Lower	Upper	
128	100		
129	13.3	10.0	15.0
127	15.6	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.47 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BM031383.D
Acq: 02 Aug 2021 19:47



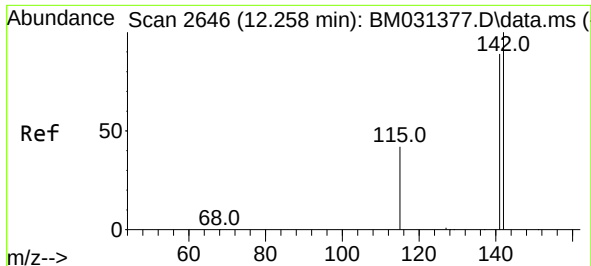
Tgt Ion:	142	Resp:	6011
Ion Ratio	Lower	Upper	
142	100		
141	89.3	71.4	107.0



Instrument :
BNA_M
ClientSampleId :
C0065DL

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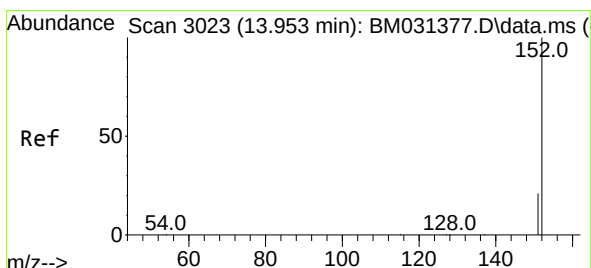
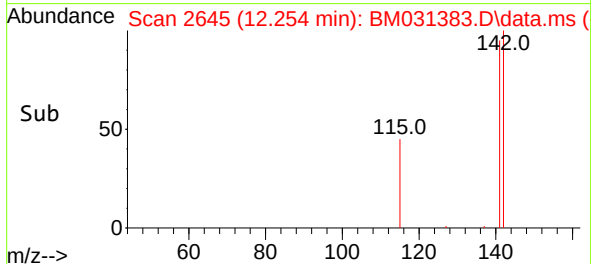
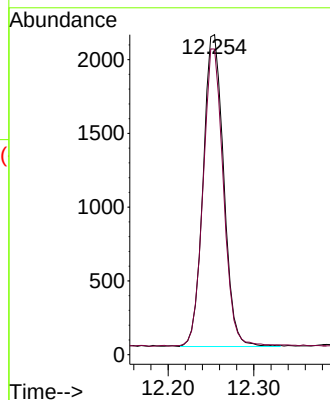
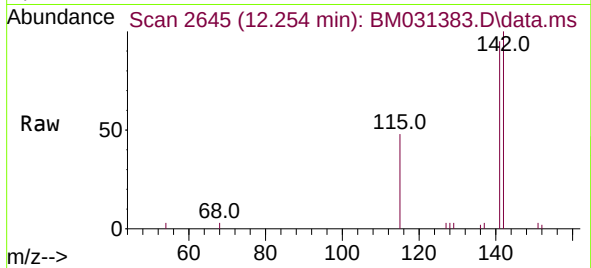
#8
1-Methylnaphthalene
Concen: 0.28 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. 0.000 min
Lab File: BM031383.D
Acq: 02 Aug 2021 19:47

Tgt Ion:142 Resp: 3523
Ion Ratio Lower Upper
142 100
141 94.1 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C0065DL

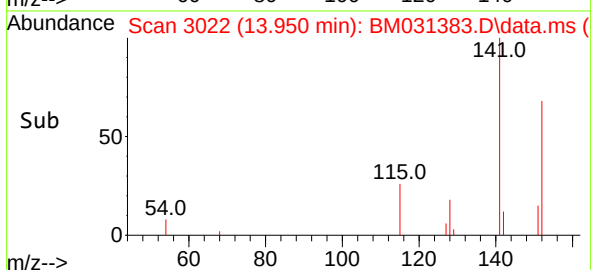
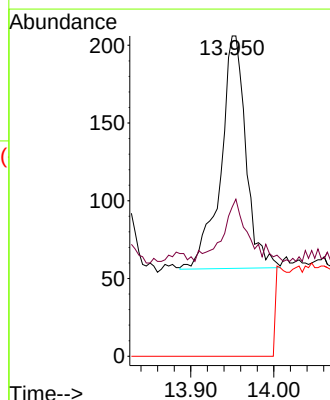
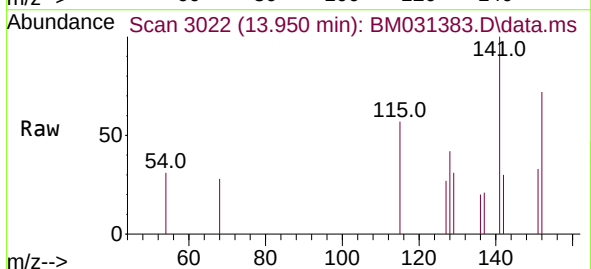
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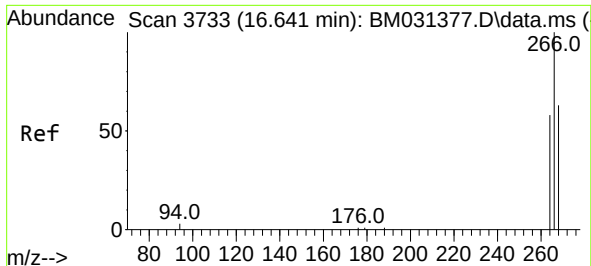
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#10
Acenaphthylene
Concen: 0.02 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. -0.004 min
Lab File: BM031383.D
Acq: 02 Aug 2021 19:47

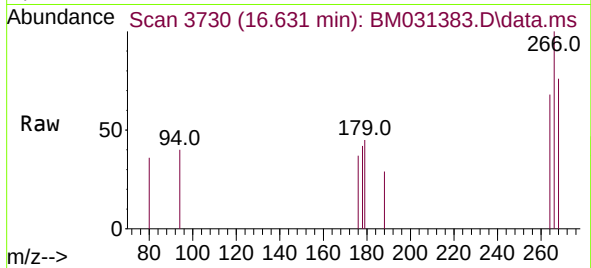
Tgt Ion:152 Resp: 313
Ion Ratio Lower Upper
152 100
151 46.6 16.9 25.3#
153 0.0 0.0 0.0





#14
 Pentachlorophenol
 Concen: 0.09 ng/ul
 RT: 16.631 min Scan# 3730
 Delta R.T. -0.007 min
 Lab File: BM031383.D
 Acq: 02 Aug 2021 19:47

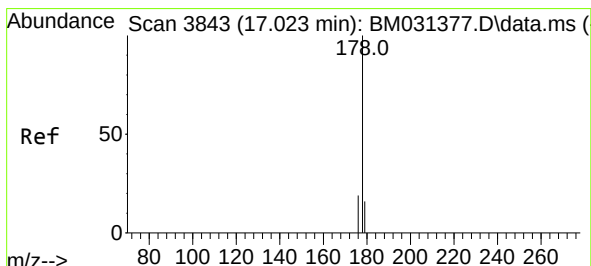
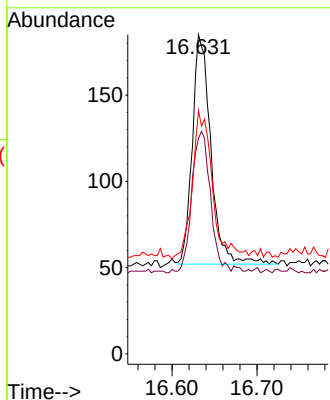
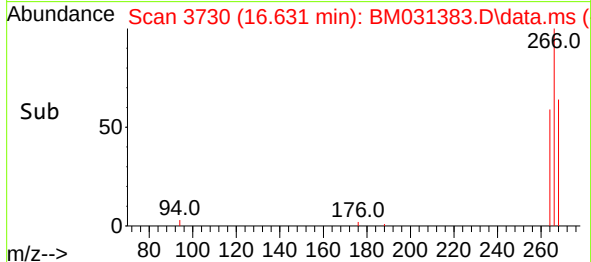
Instrument :
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 ClientSampleId :
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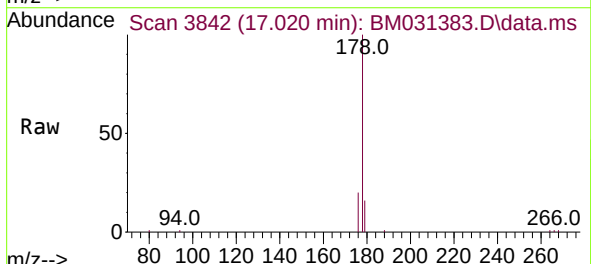
Tgt Ion:	266	Resp:	202
Ion Ratio	Lower	Upper	
266	100		
264	61.9	50.1	75.1
268	69.8	51.3	76.9

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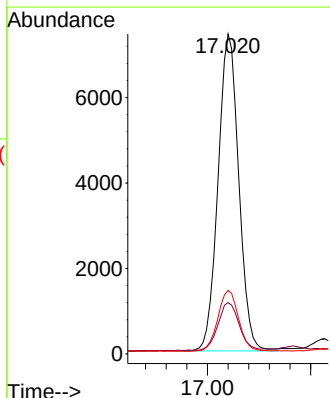
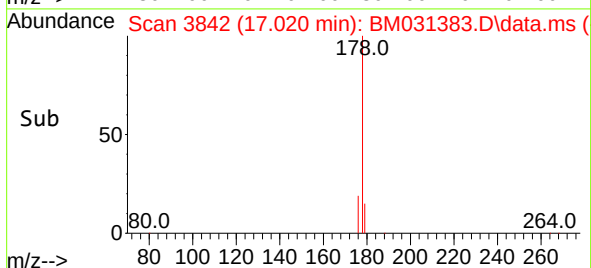
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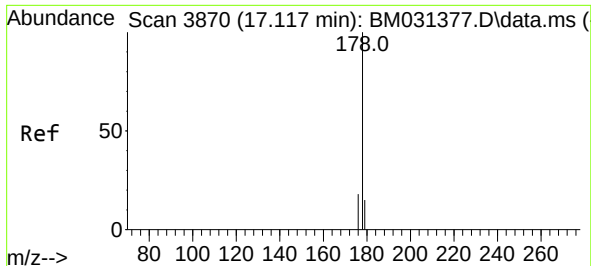


#15
 Phenanthrene
 Concen: 0.48 ng/ul
 RT: 17.020 min Scan# 3842
 Delta R.T. -0.003 min
 Lab File: BM031383.D
 Acq: 02 Aug 2021 19:47

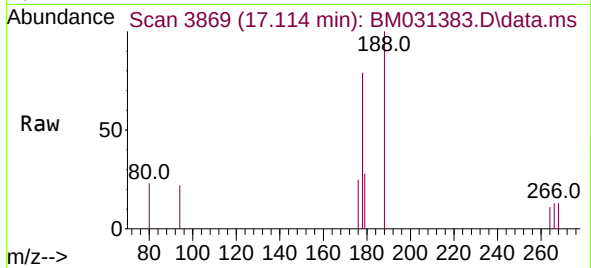


Tgt Ion:	178	Resp:	10330
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.3	19.9
176	19.9	16.2	24.4

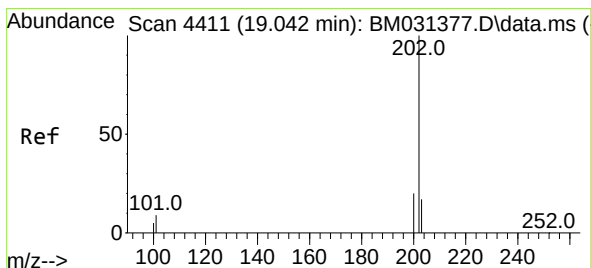
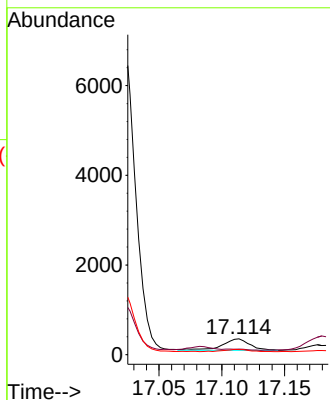
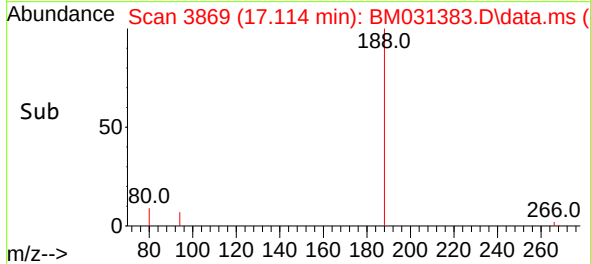




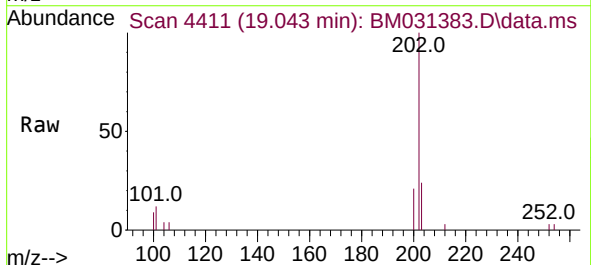
#16
 Anthracene
 Concen: 0.02 ng/ul
 RT: 17.114 min Scan# 3869
 Delta R.T. 0.000 min
 Lab File: BM031383.D
 Acq: 02 Aug 2021 19:47



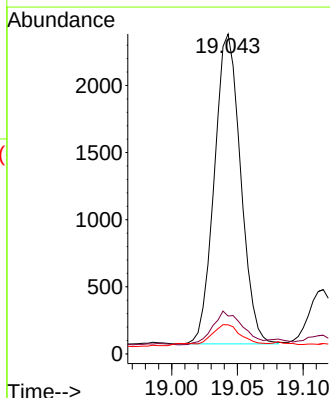
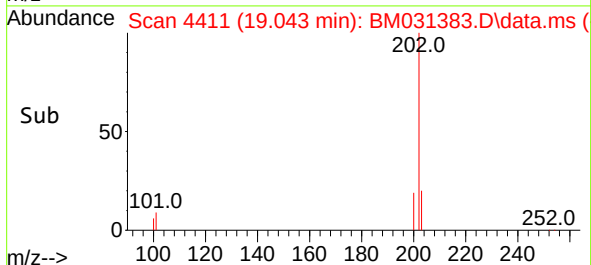
Tgt Ion:178 Resp: 407
 Ion Ratio Lower Upper
 178 100
 179 35.3 13.0 19.6#
 176 31.9 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.15 ng/ul
 RT: 19.043 min Scan# 4411
 Delta R.T. 0.000 min
 Lab File: BM031383.D
 Acq: 02 Aug 2021 19:47



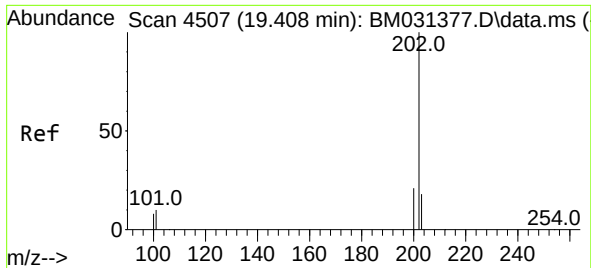
Tgt Ion:202 Resp: 3212
 Ion Ratio Lower Upper
 202 100
 101 11.8 6.6 10.0#
 100 9.1 5.4 8.0#



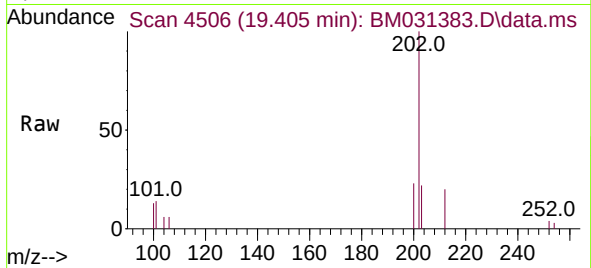
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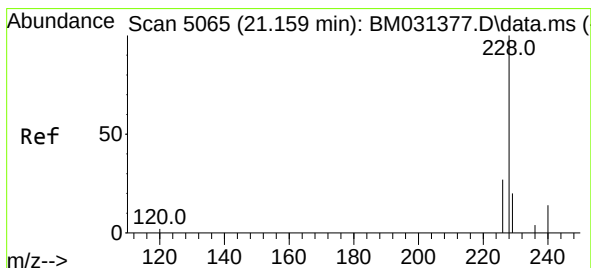
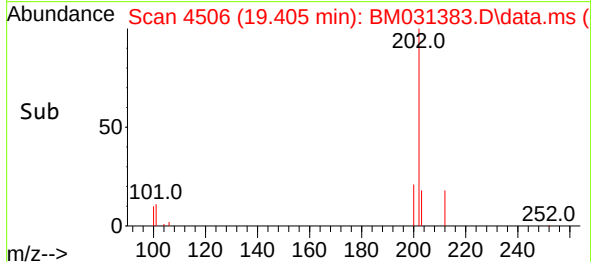
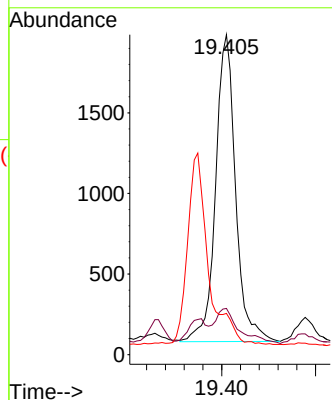
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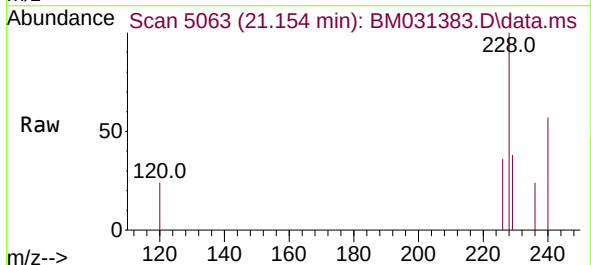
#20
Pyrene
Concen: 0.13 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031383.D
Acq: 02 Aug 2021 19:47



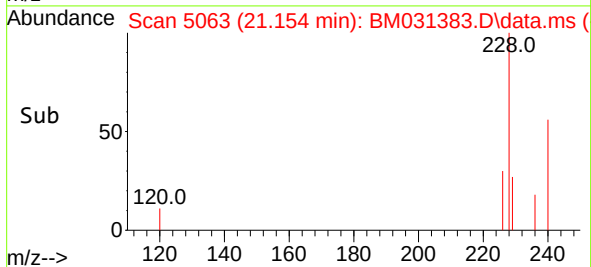
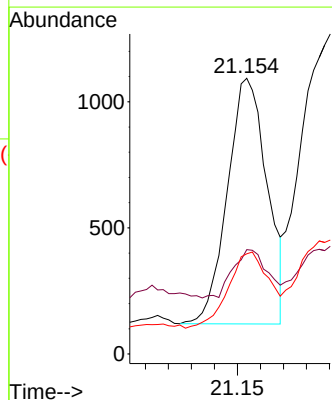
Tgt Ion:202 Resp: 2809
Ion Ratio Lower Upper
202 100
101 14.4 7.8 11.6#
100 12.9 6.6 10.0#



#21
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 21.154 min Scan# 5063
Delta R.T. -0.005 min
Lab File: BM031383.D
Acq: 02 Aug 2021 19:47



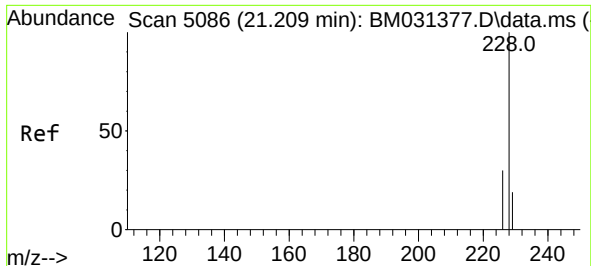
Tgt Ion:228 Resp: 1166
Ion Ratio Lower Upper
228 100
229 37.9 15.6 23.4#
226 36.3 21.7 32.5#



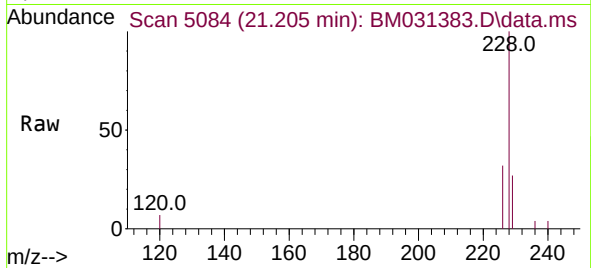
Instrument :
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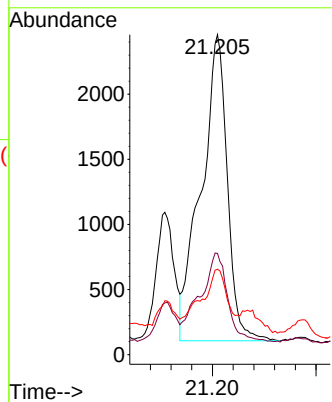
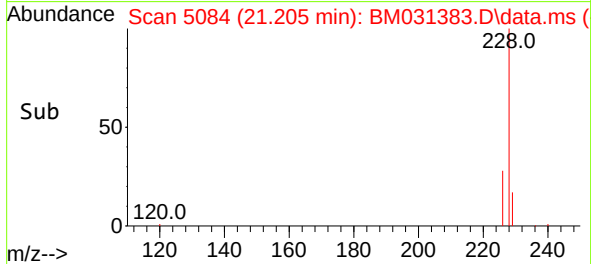
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#22
Chrysene
Concen: 0.20 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.005 min
Lab File: BM031383.D
Acq: 02 Aug 2021 19:47



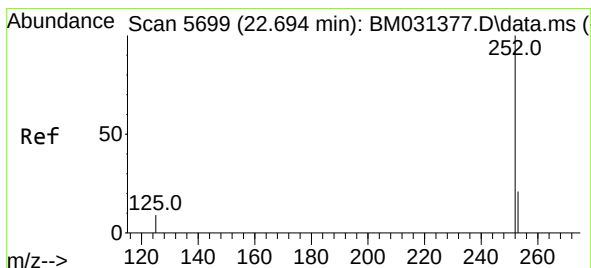
Tgt Ion:228 Resp: 4118
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 26.7 16.2 24.2#



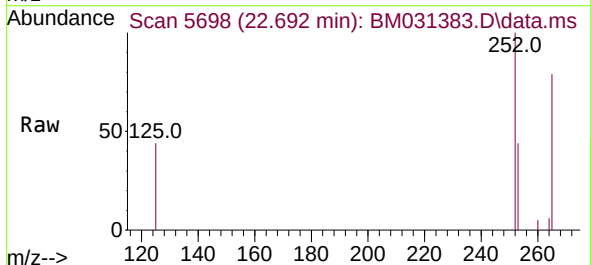
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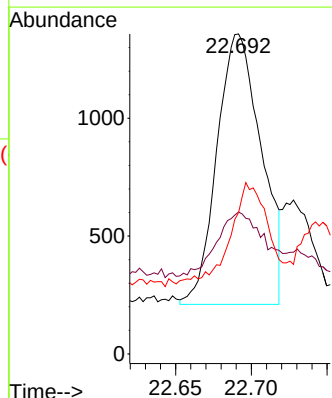
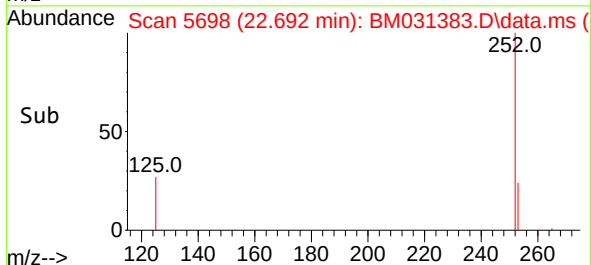
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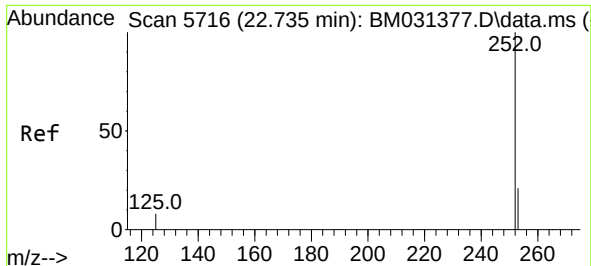


#24
Benzo(b)fluoranthene
Concen: 0.11 ng/ul m
RT: 22.692 min Scan# 5698
Delta R.T. 0.000 min
Lab File: BM031383.D
Acq: 02 Aug 2021 19:47



Tgt Ion:252 Resp: 2346
Ion Ratio Lower Upper
252 100
253 44.3 0.0 53.0
125 44.2 0.0 22.8#





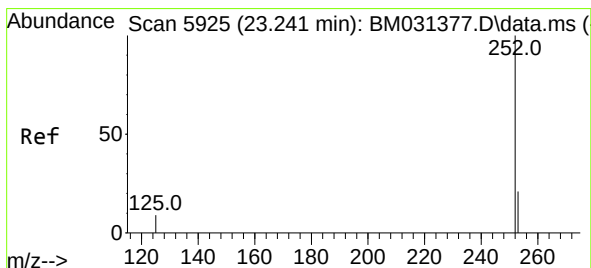
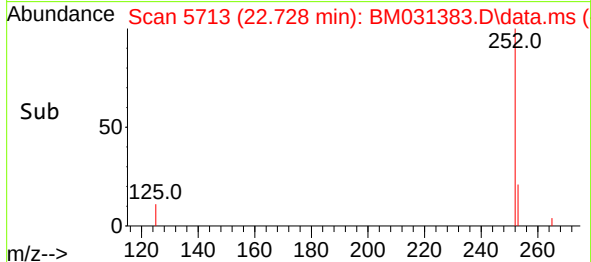
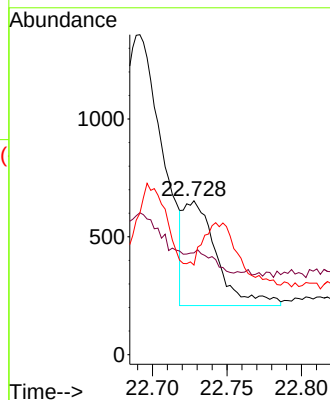
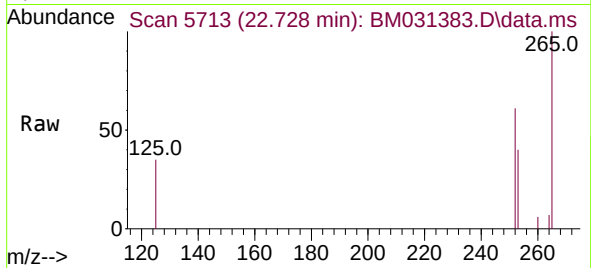
#25
Benzo(k)fluoranthene
Concen: 0.03 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. -0.007 min
Lab File: BM031383.D
Acq: 02 Aug 2021 19:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	66.2	21.3	31.9#
125	58.2	8.8	13.2#

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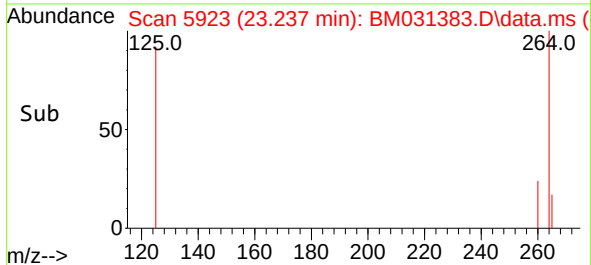
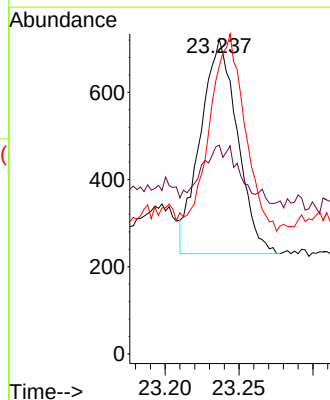
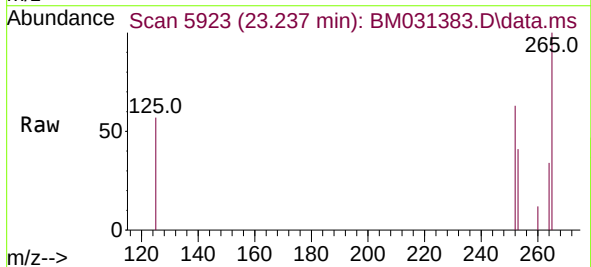
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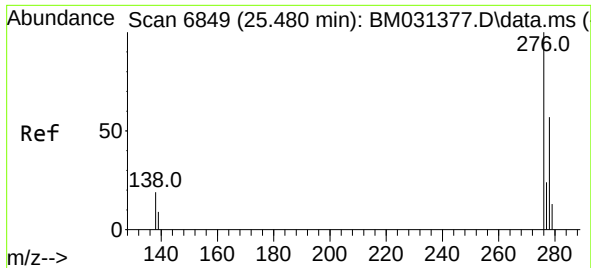
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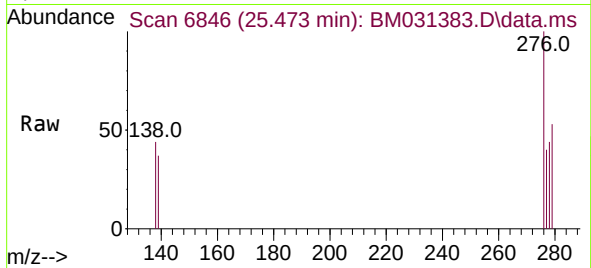
#26
Benzo(a)pyrene
Concen: 0.05 ng/ul
RT: 23.237 min Scan# 5923
Delta R.T. -0.007 min
Lab File: BM031383.D
Acq: 02 Aug 2021 19:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	66.3	22.4	33.6#
125	91.4	13.0	19.4#

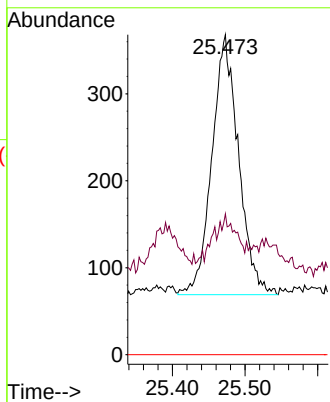
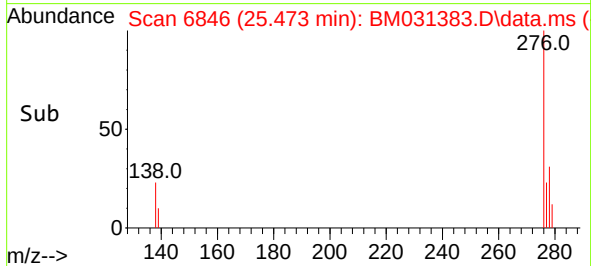




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng/ul
 RT: 25.473 min Scan# 6846
 Delta R.T. -0.007 min
 Lab File: BM031383.D
 Acq: 02 Aug 2021 19:47



Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	15.8	23.8
227	0.0	0.0	0.0



Instrument :
 BNA_M
 ClientSampleID :
 C0065DL

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:50:41 AM