

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031133.D
 Acq On : 24 Jul 2021 23:20
 Operator : CG/JU
 Sample : M2973-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEC4

Manual Integrations
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Quant Time: Jul 26 02:49:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 26 02:23:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1157	0.40	ng/ul	0.00
4) Naphthalene-d8	10.401	136	4566	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	3075	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.009	188	6634	0.40	ng/ul	0.00
17) Chrysene-d12	21.190	240	6748	0.40	ng/ul	0.00
23) Perylene-d12	23.360	264	6446	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	2677	2.20	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	1024	0.13	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	3427	0.17	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.451	128	771	0.06	ng/ul#	86
10) Acenaphthylene	13.986	152	1345	0.11	ng/ul	96
11) Acenaphthene	14.326	153	310	0.03	ng/ul#	86
12) Fluorene	15.316	166	426	0.03	ng/ul#	92
15) Phenanthrene	17.051	178	7040	0.33	ng/ul	99
16) Anthracene	17.138	178	4015	0.20	ng/ul	99
19) Fluoranthene	19.066	202	37763	1.39	ng/ul	97
20) Pyrene	19.428	202	19956	0.72	ng/ul	98
21) Benzo(a)anthracene	21.176	228	24863	0.92	ng/ul	95
22) Chrysene	21.229	228	19816	0.68	ng/ul	96
24) Benzo(b)fluoranthene	22.718	252	25345m	0.84	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	10207m	0.33	ng/ul	
26) Benzo(a)pyrene	23.268	252	6751	0.26	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.514	276	5322	0.16	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.528	278	2856	0.10	ng/ul#	80

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

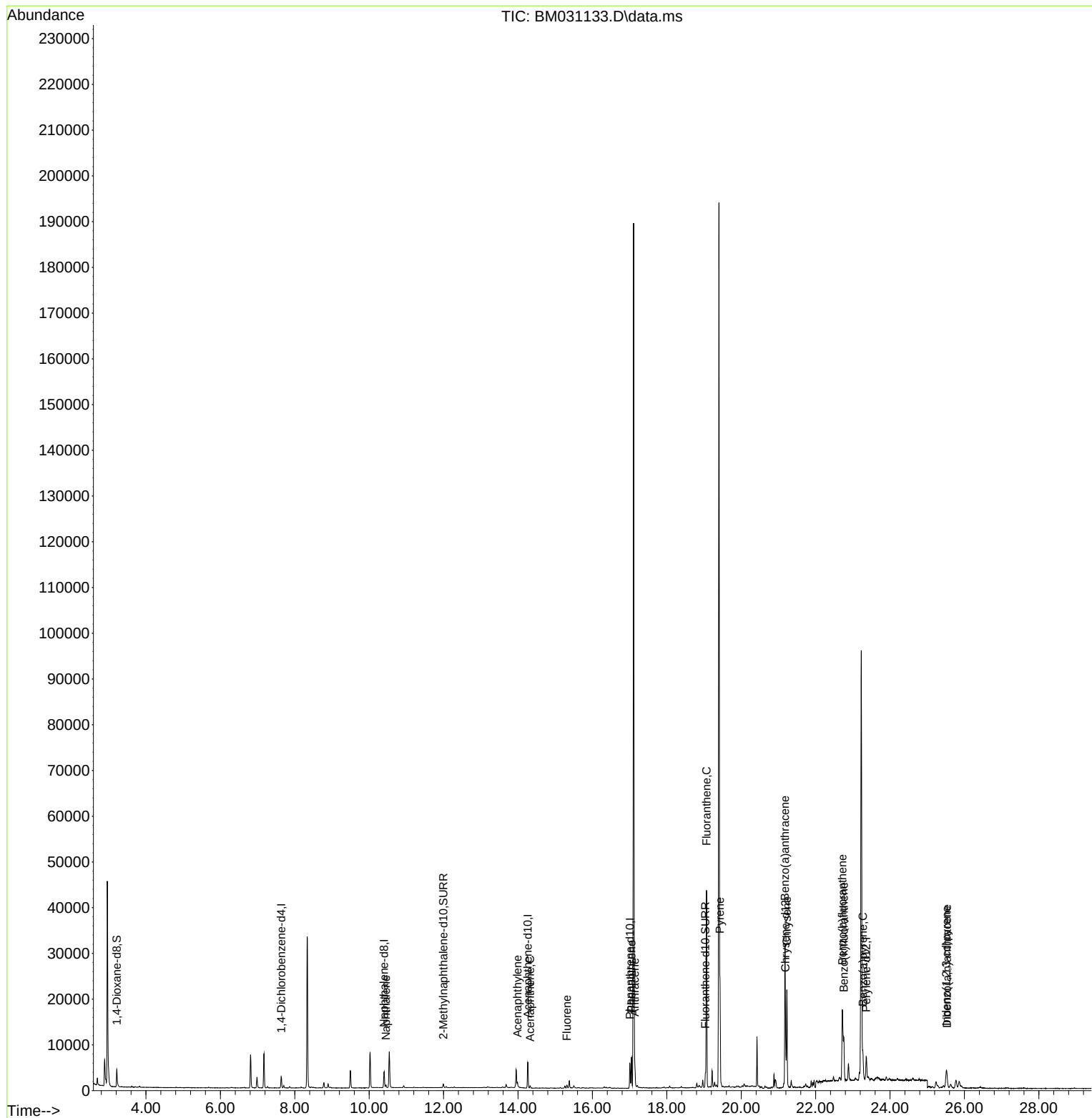
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Data File : BM031133.D
Acq On : 24 Jul 2021 23:20
Operator : CG/JU
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ALS Vial : 46 Sample Multiplier: 1

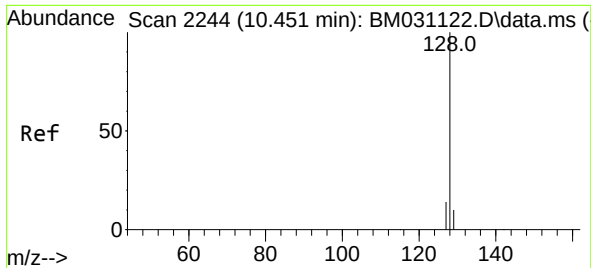
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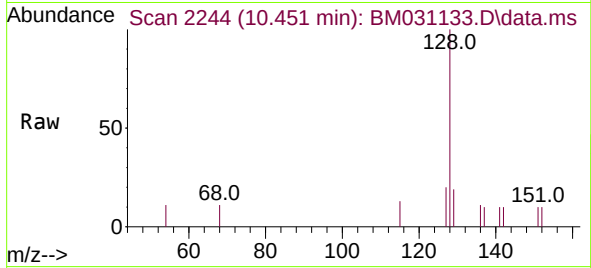
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Quant Time: Jul 26 02:49:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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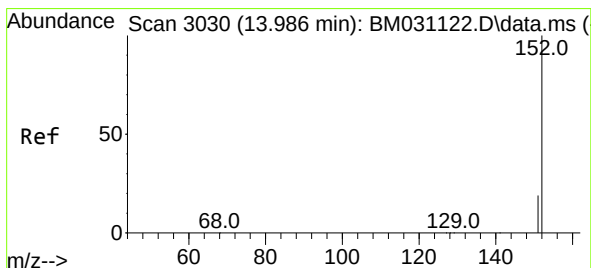
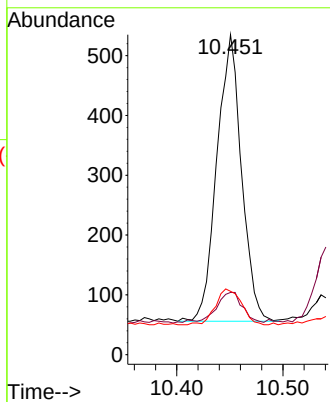
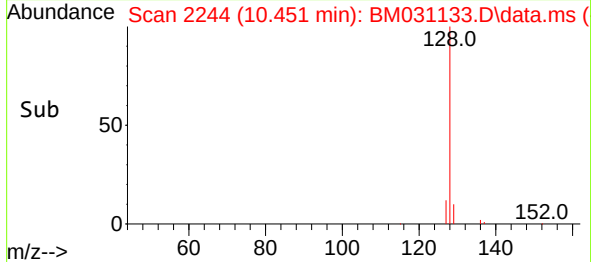




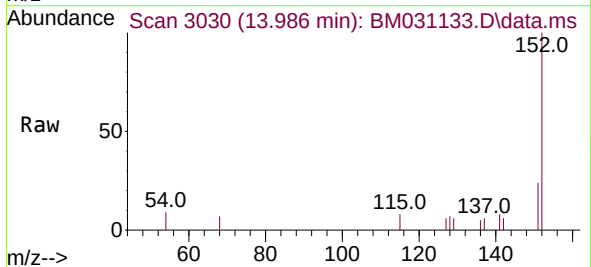
#5
Naphthalene
Concen: 0.06 ng/ul
RT: 10.451 min Scan# 2244
Delta R.T. -0.005 min
Lab File: BM031133.D
Acq: 24 Jul 2021 23:20



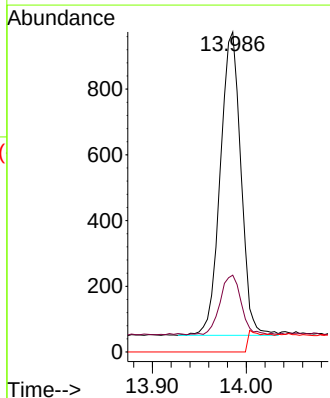
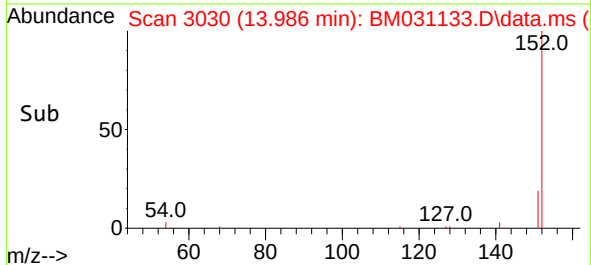
Tgt Ion:	128	Resp:	771
Ion Ratio	Lower	Upper	
128	100		
129	19.4	10.2	15.4#
127	19.8	11.8	17.8#



#10
Acenaphthylene
Concen: 0.11 ng/ul
RT: 13.986 min Scan# 3030
Delta R.T. -0.005 min
Lab File: BM031133.D
Acq: 24 Jul 2021 23:20



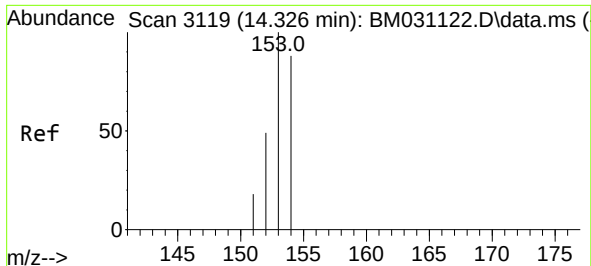
Tgt Ion:	152	Resp:	1345
Ion Ratio	Lower	Upper	
152	100		
151	24.0	17.5	26.3
153	0.0	0.0	0.0



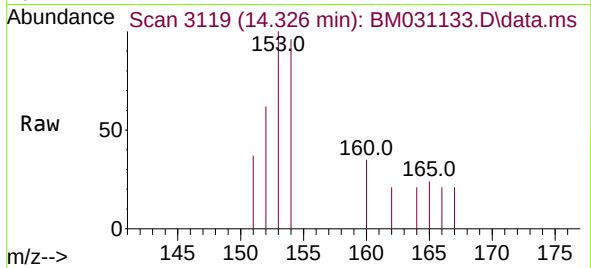
Instrument :
BNA_M
ClientSampleId :
BGEC4

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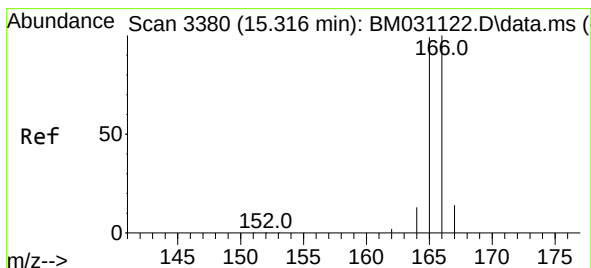
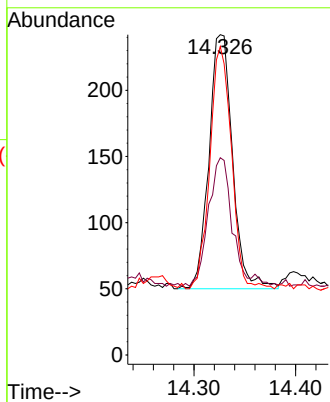
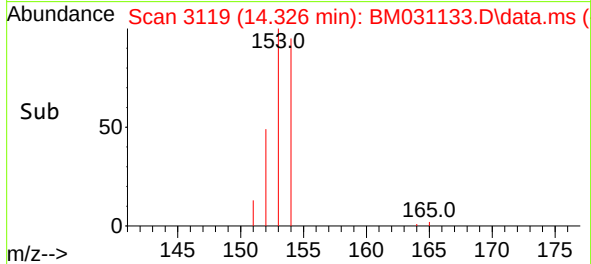
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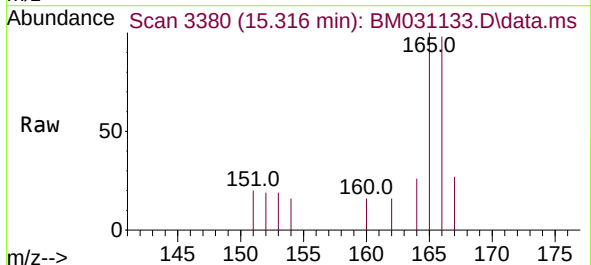
#11
Acenaphthene
Concen: 0.03 ng/ul
RT: 14.326 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM031133.D
Acq: 24 Jul 2021 23:20



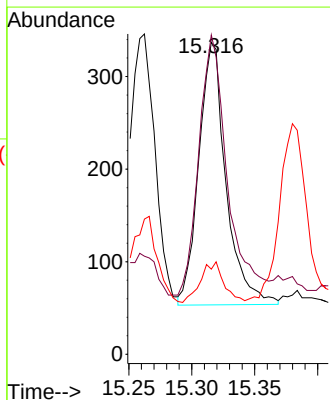
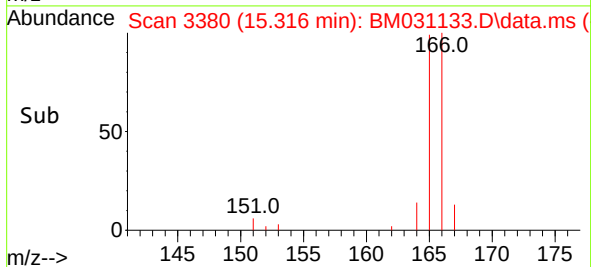
Tgt Ion:153 Resp: 310
Ion Ratio Lower Upper
153 100
152 61.6 39.4 59.2#
154 96.3 68.2 102.4



#12
Fluorene
Concen: 0.03 ng/ul
RT: 15.316 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031133.D
Acq: 24 Jul 2021 23:20



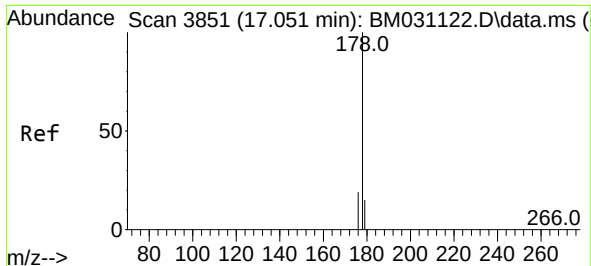
Tgt Ion:166 Resp: 426
Ion Ratio Lower Upper
166 100
165 102.4 78.2 117.2
167 27.3 12.3 18.5#



Instrument :
BNA_M
ClientSampleId :
BGEC4

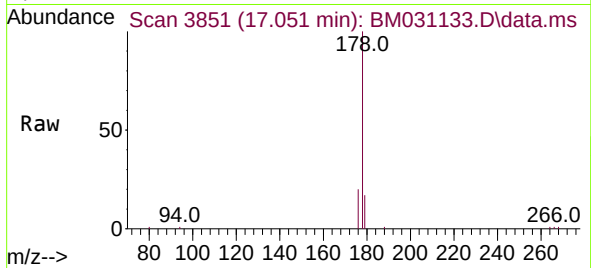
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#15
Phenanthrene
Concen: 0.33 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. -0.004 min
Lab File: BM031133.D
Acq: 24 Jul 2021 23:20

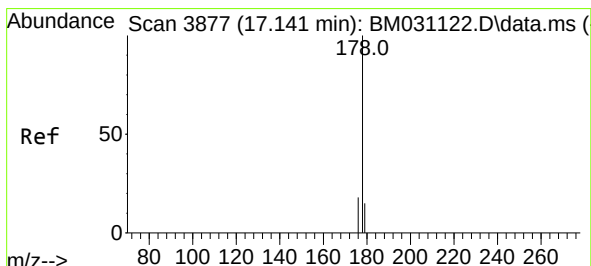
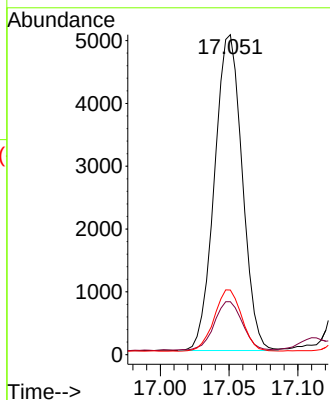
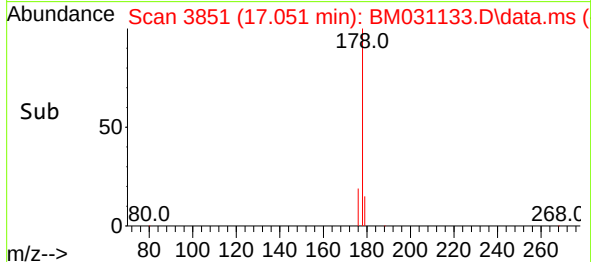
Instrument :
BNA_M
ClientSampled :
BGEC4



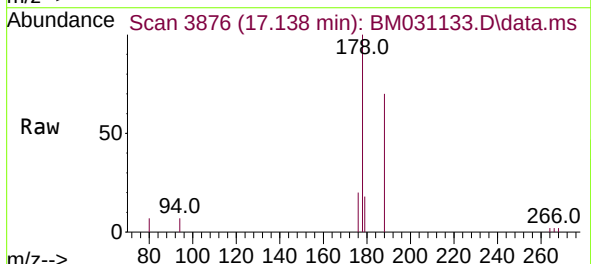
Tgt Ion:178 Resp: 7040
Ion Ratio Lower Upper
178 100
179 16.5 13.3 19.9
176 20.2 15.4 23.2

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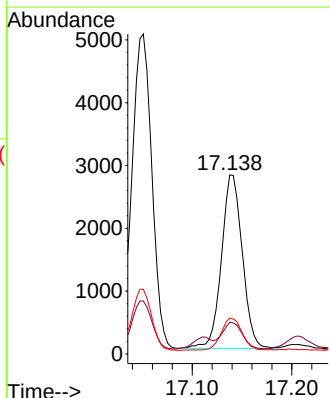
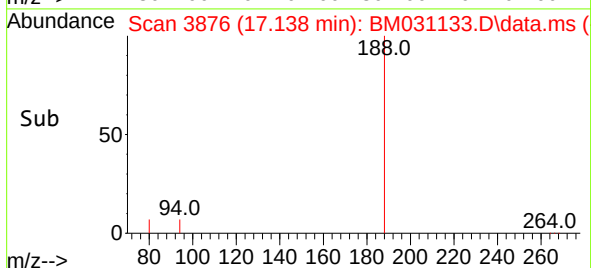
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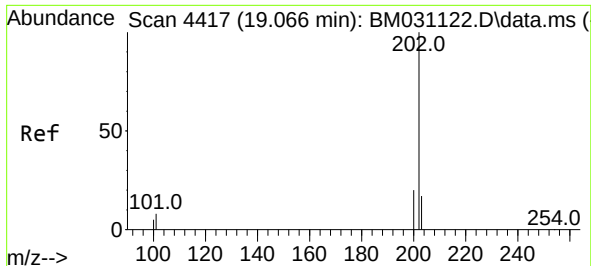


#16
Anthracene
Concen: 0.20 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. -0.007 min
Lab File: BM031133.D
Acq: 24 Jul 2021 23:20



Tgt Ion:178 Resp: 4015
Ion Ratio Lower Upper
178 100
179 17.7 13.8 20.8
176 20.0 15.7 23.5





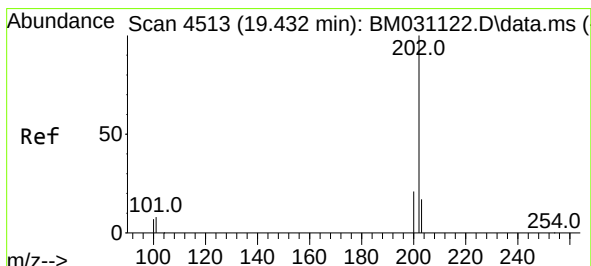
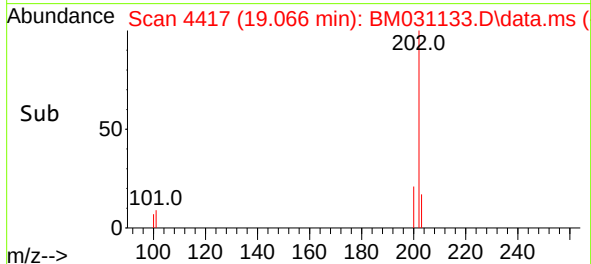
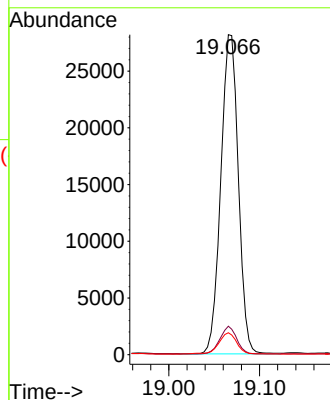
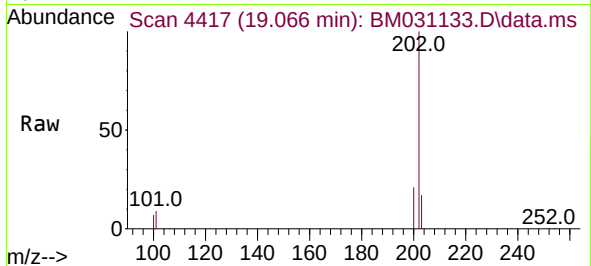
#19
Fluoranthene
Concen: 1.39 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. -0.004 min
Lab File: BM031133.D
Acq: 24 Jul 2021 23:20

Tgt Ion:202 Resp: 37763
Ion Ratio Lower Upper
202 100
101 8.9 6.0 9.0
100 6.9 4.8 7.2

Instrument :
BNA_M
ClientSampleId :
BGEC4

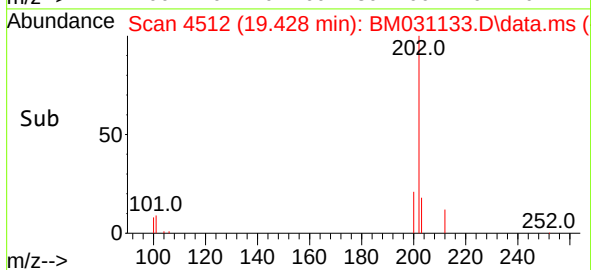
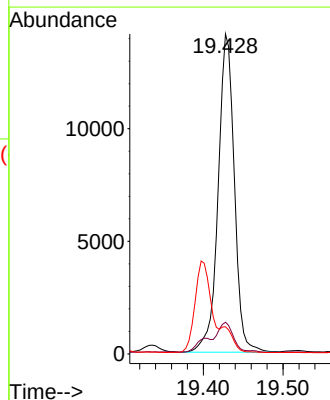
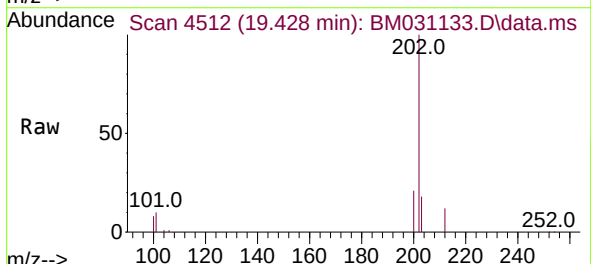
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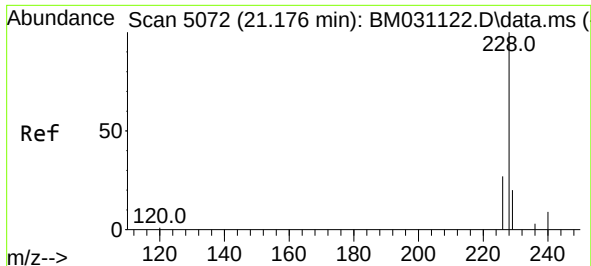
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#20
Pyrene
Concen: 0.72 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031133.D
Acq: 24 Jul 2021 23:20

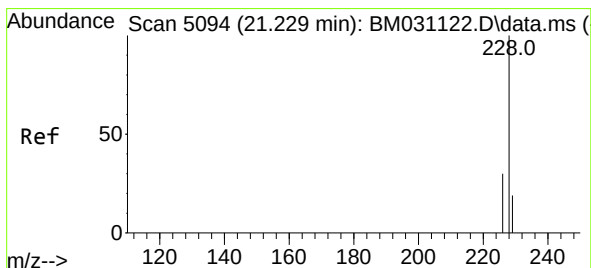
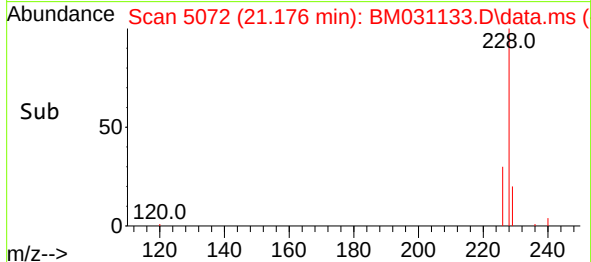
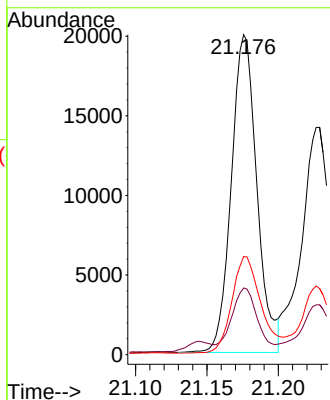
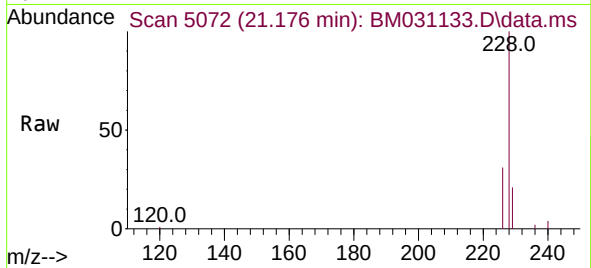
Tgt Ion:202 Resp: 19956
Ion Ratio Lower Upper
202 100
101 9.9 7.4 11.0
100 8.5 6.0 9.0





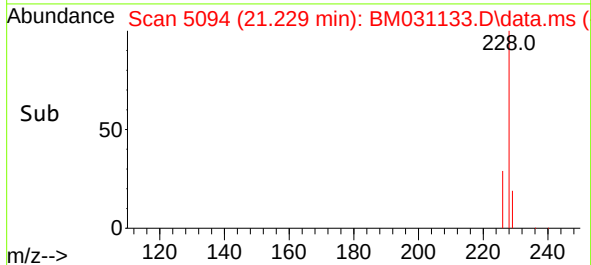
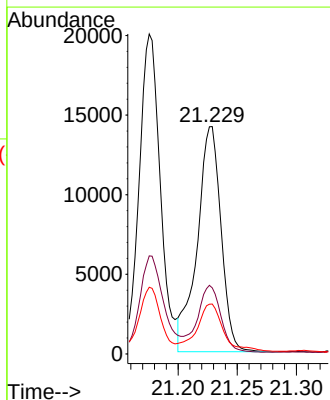
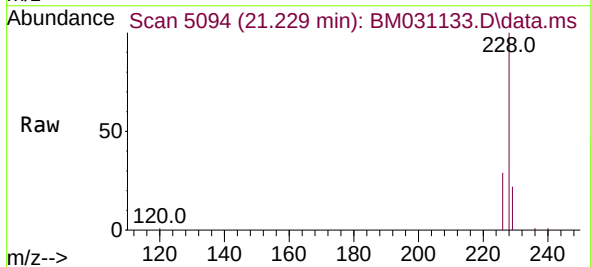
#21
Benzo(a)anthracene
Concen: 0.92 ng/ul
RT: 21.176 min Scan# 5072
Delta R.T. -0.007 min
Lab File: BM031133.D
Acq: 24 Jul 2021 23:20

Tgt Ion:228 Resp: 24863
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 30.7 21.4 32.2



#22
Chrysene
Concen: 0.68 ng/ul
RT: 21.229 min Scan# 5094
Delta R.T. -0.005 min
Lab File: BM031133.D
Acq: 24 Jul 2021 23:20

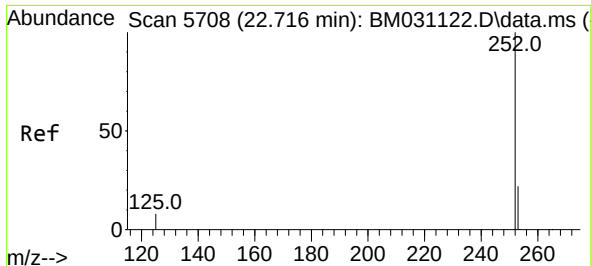
Tgt Ion:228 Resp: 19816
Ion Ratio Lower Upper
228 100
226 29.0 24.5 36.7
229 21.9 15.8 23.8



Instrument :
BNA_M
ClientSampled :
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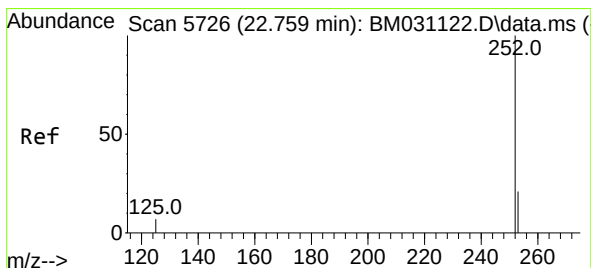
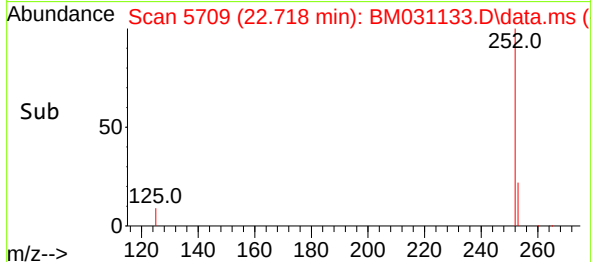
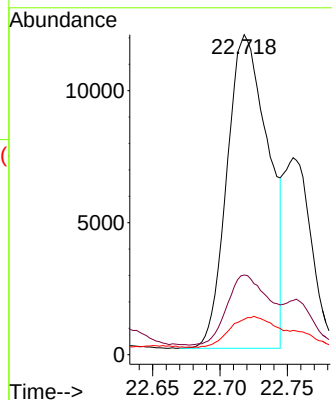
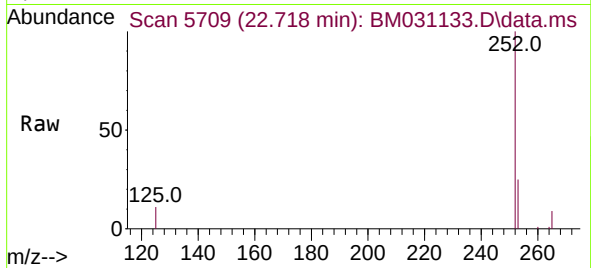
#24
Benzo(b)fluoranthene
Concen: 0.84 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. -0.007 min
Lab File: BM031133.D
Acq: 24 Jul 2021 23:20

Tgt Ion:252 Resp: 25345
Ion Ratio Lower Upper
252 100
253 24.9 0.0 52.8
125 11.1 0.0 20.2

Instrument :
BNA_M
ClientSampled :
BGEC4

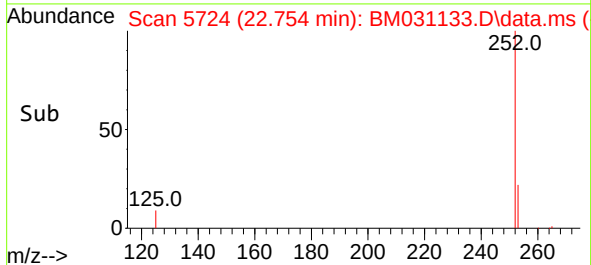
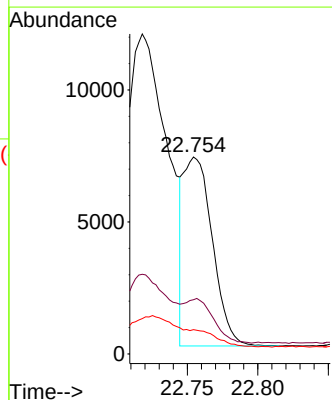
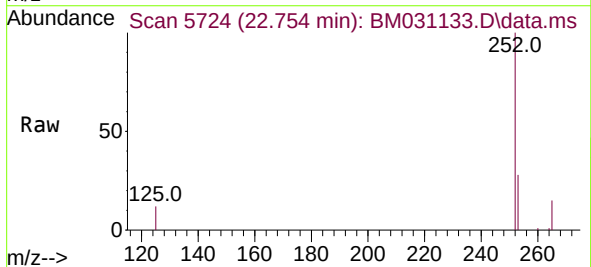
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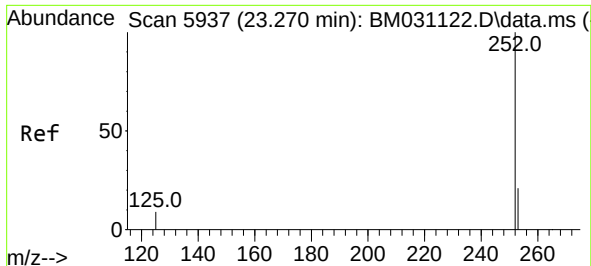
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#25
Benzo(k)fluoranthene
Concen: 0.33 ng/ul m
RT: 22.754 min Scan# 5724
Delta R.T. -0.012 min
Lab File: BM031133.D
Acq: 24 Jul 2021 23:20

Tgt Ion:252 Resp: 10207
Ion Ratio Lower Upper
252 100
253 27.5 21.6 32.4
125 12.4 8.6 13.0





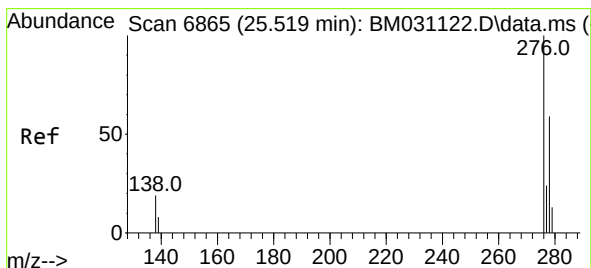
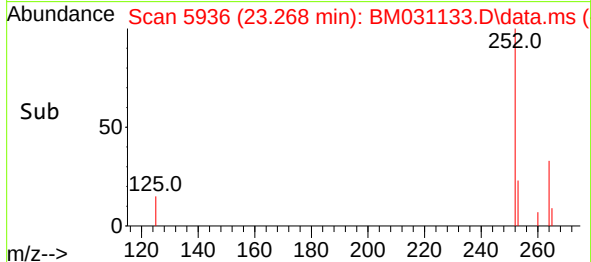
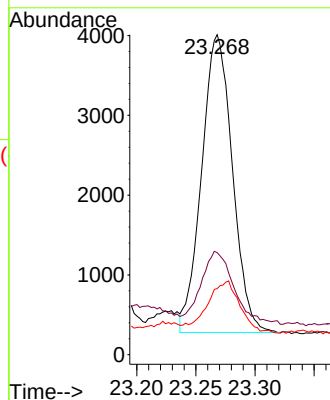
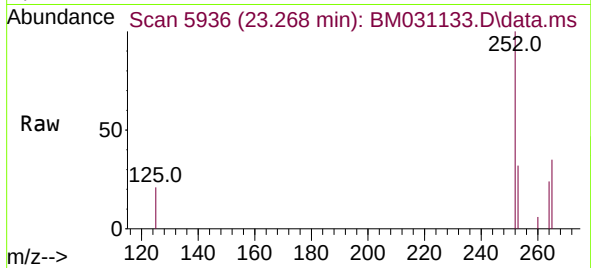
#26
Benzo(a)pyrene
Concen: 0.26 ng/ul
RT: 23.268 min Scan# 5936
Delta R.T. -0.012 min
Lab File: BM031133.D
Acq: 24 Jul 2021 23:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.9	23.1	34.7
125	20.7	10.7	16.1

Instrument :
BNA_M
ClientSampled :
BGEC4

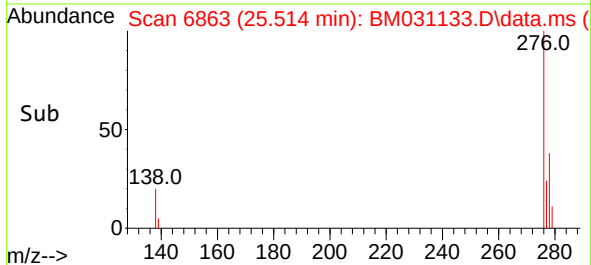
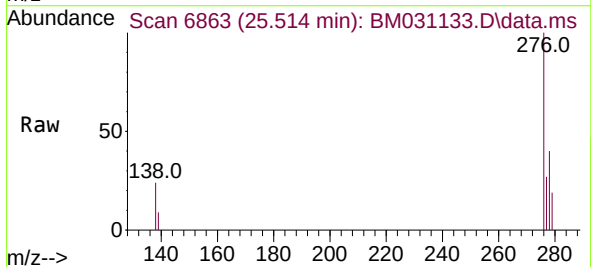
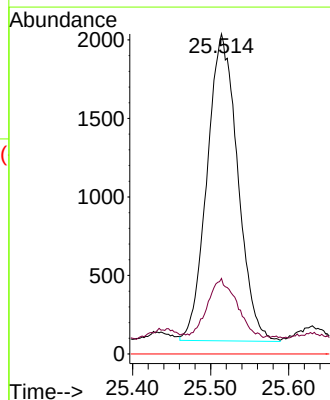
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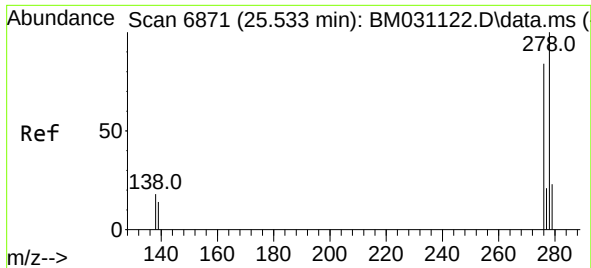
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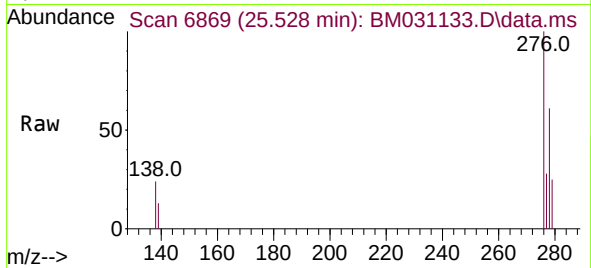
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.16 ng/ul
RT: 25.514 min Scan# 6863
Delta R.T. -0.019 min
Lab File: BM031133.D
Acq: 24 Jul 2021 23:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	15.4	23.0
227	0.0	0.0	0.0

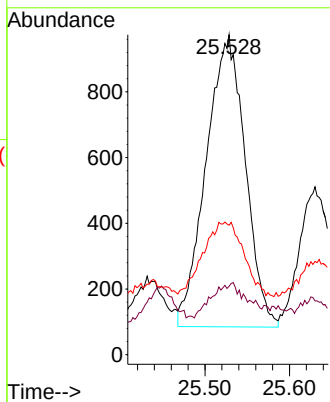
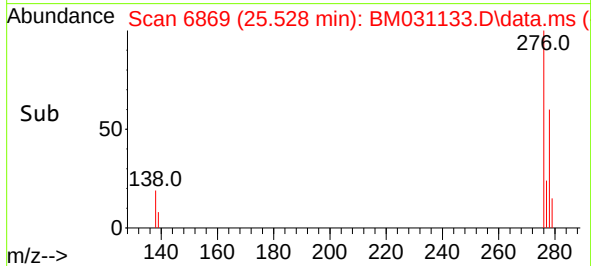




#28
 Dibenzo(a,h)anthracene
 Concen: 0.10 ng/ul
 RT: 25.528 min Scan# 6869
 Delta R.T. -0.017 min
 Lab File: BM031133.D
 Acq: 24 Jul 2021 23:20



Tgt Ion: 278 Resp: 2856
 Ion Ratio Lower Upper
 278 100
 139 21.4 12.6 18.8#
 279 40.5 22.6 34.0#



Instrument :
 BNA_M
 ClientSampleId :
 BGEC4

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:27:12 PM