

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
 Data File : BM030934.D
 Acq On : 13 Jul 2021 17:13
 Operator : CG/JU
 Sample : M2878-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGE07

Manual Integrations
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Quant Time: Jul 13 17:43:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 13 14:01:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	1064	0.400	ng/ul	0.00
4) Naphthalene-d8	10.441	136	3685	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.299	164	2477	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.047	188	5233	0.400	ng/ul	0.00
17) Chrysene-d12	21.235	240	4589	0.400	ng/ul	0.00
23) Perylene-d12	23.429	264	4446	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.237	96	3338	3.051	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.033	152	1489	0.232	ng/ul	0.00
18) Fluoranthene-d10	19.076	212	3774	0.244	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.486	128	617	0.056	ng/ul#	81
10) Acenaphthylene	14.015	152	586	0.048	ng/ul#	77
11) Acenaphthene	14.360	153	528	0.060	ng/ul	96
12) Fluorene	15.353	166	532	0.051	ng/ul#	93
15) Phenanthrene	17.089	178	6692	0.407	ng/ul	99
16) Anthracene	17.179	178	2384	0.151	ng/ul	96
19) Fluoranthene	19.107	202	23936	1.184	ng/ul	99
20) Pyrene	19.469	202	16254	0.795	ng/ul	98
21) Benzo(a)anthracene	21.218	228	11361	0.573	ng/ul	94
22) Chrysene	21.268	228	9506	0.464	ng/ul	98
24) Benzo(b)fluoranthene	22.775	252	11311m	0.526	ng/ul	
25) Benzo(k)fluoranthene	22.816	252	5013m	0.232	ng/ul	
26) Benzo(a)pyrene	23.332	252	5596	0.300	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.607	276	3915	0.155	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.621	278	1416	0.069	ng/ul#	49

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

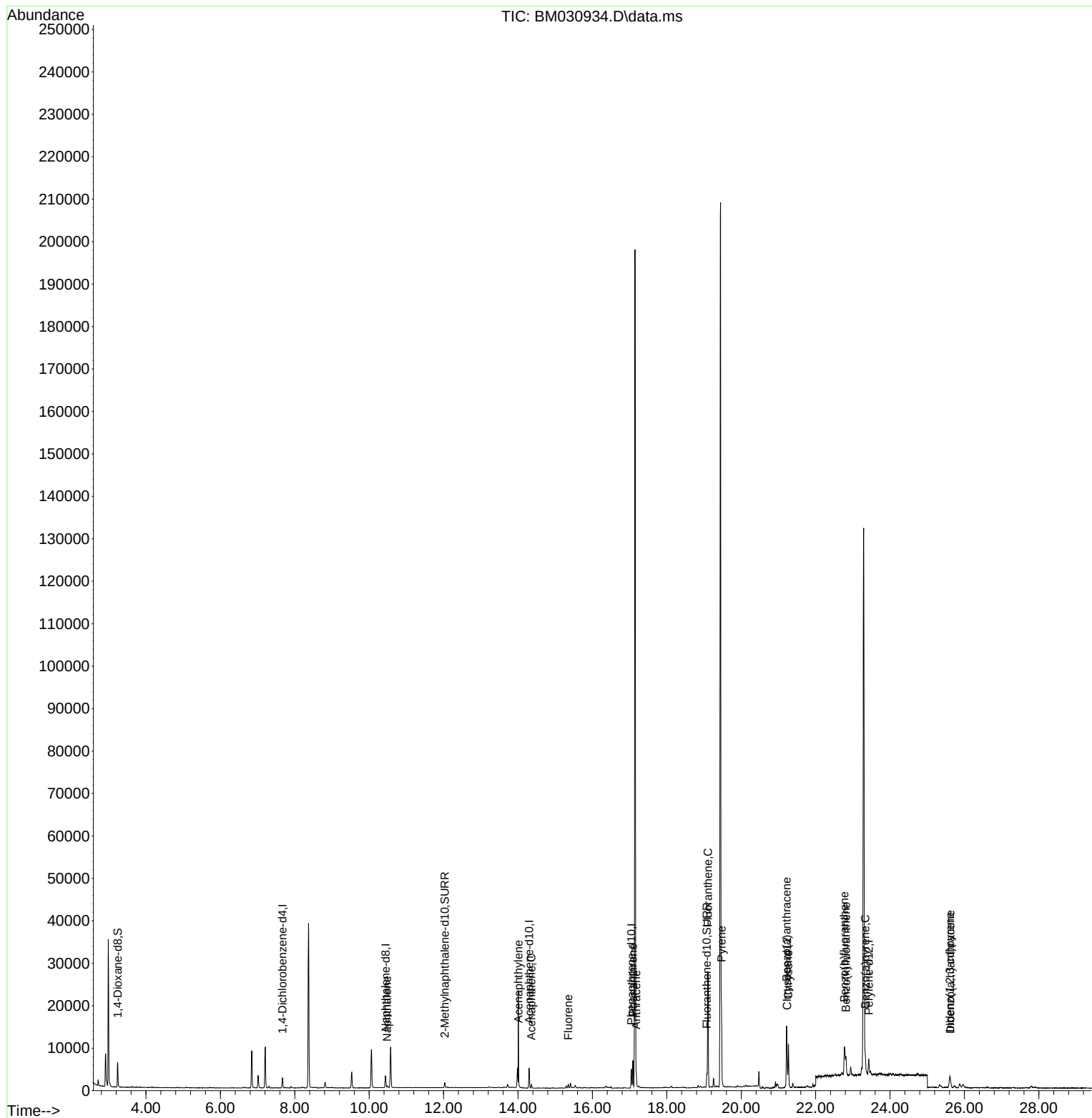
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
Data File : BM030934.D
Acq On : 13 Jul 2021 17:13
Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

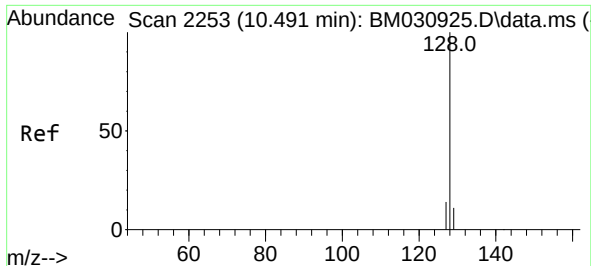
Instrument :
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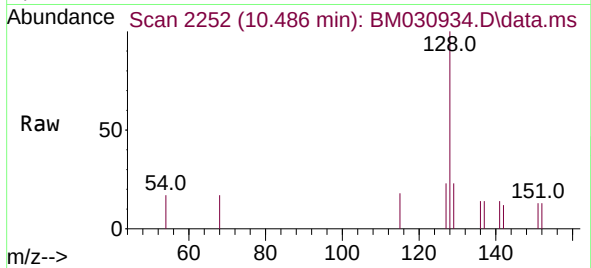
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Quant Time: Jul 13 17:43:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 14:01:01 2021
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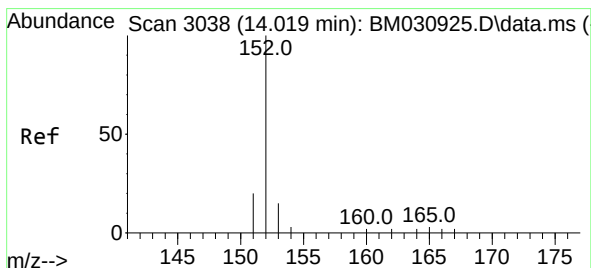
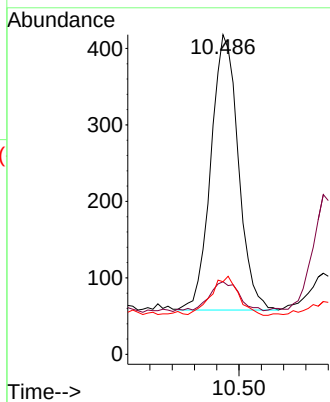
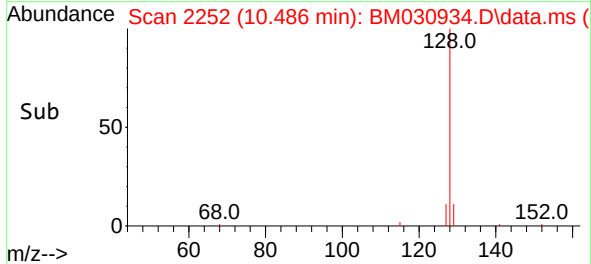




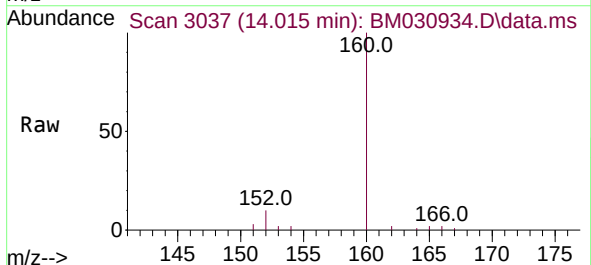
#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.486 min Scan# 2252
Delta R.T. -0.005 min
Lab File: BM030934.D
Acq: 13 Jul 2021 17:13



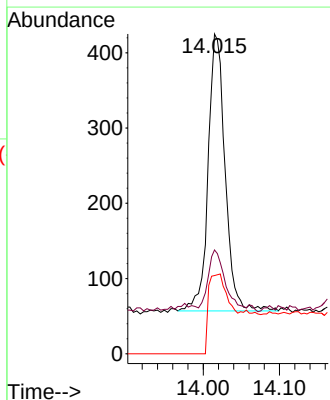
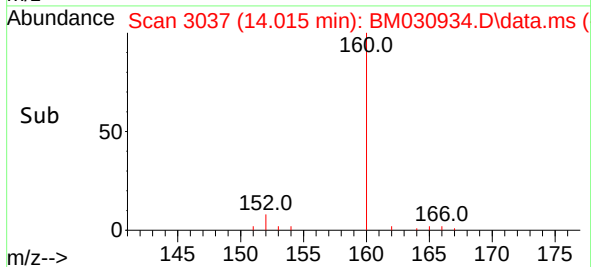
Tgt Ion:128 Resp: 617
Ion Ratio Lower Upper
128 100
129 22.7 10.7 16.1#
127 22.7 12.7 19.1#



#10
Acenaphthylene
Concen: 0.048 ng/ul
RT: 14.015 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BM030934.D
Acq: 13 Jul 2021 17:13



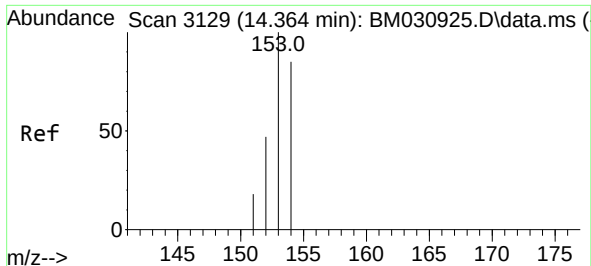
Tgt Ion:152 Resp: 586
Ion Ratio Lower Upper
152 100
151 32.5 17.2 25.8#
153 24.5 12.0 18.0#



Instrument :
BNA_M
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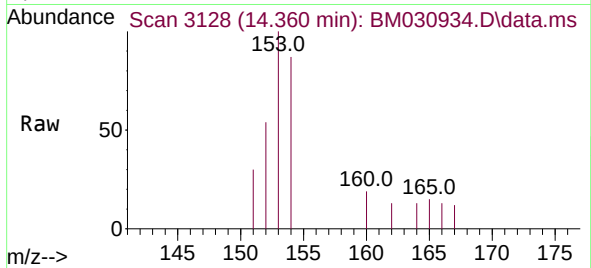
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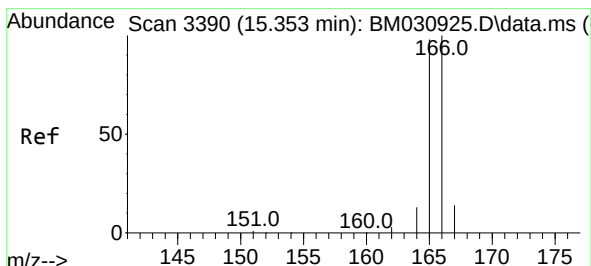
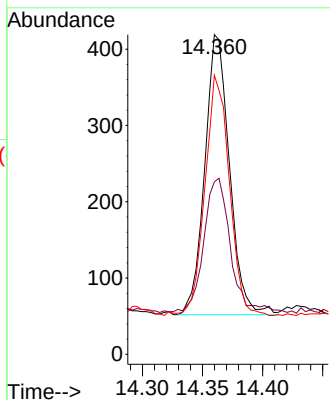
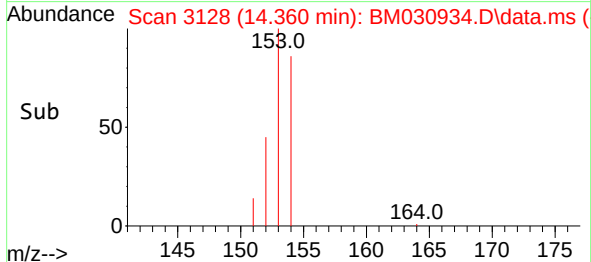


#11
Acenaphthene
Concen: 0.060 ng/ul
RT: 14.360 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BM030934.D
Acq: 13 Jul 2021 17:13

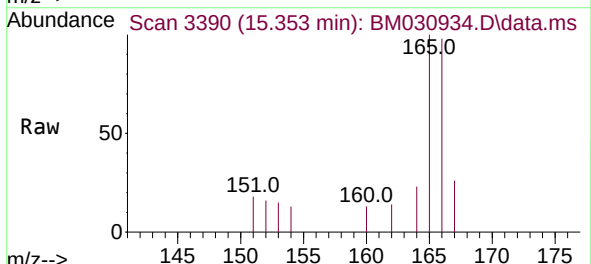
Instrument :
BNA_M
ClientSampled :
BGE07



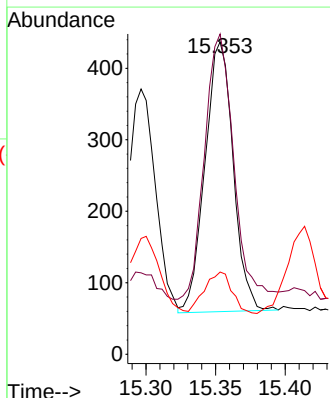
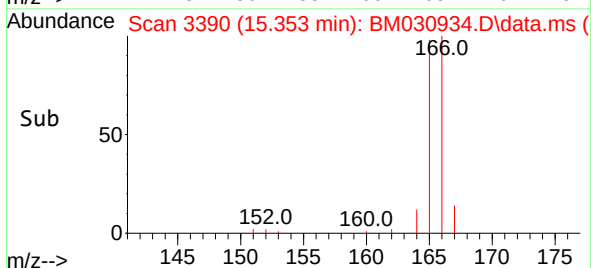
Tgt Ion:153 Resp: 528
Ion Ratio Lower Upper
153 100
152 53.9 39.3 58.9
154 87.4 68.5 102.7

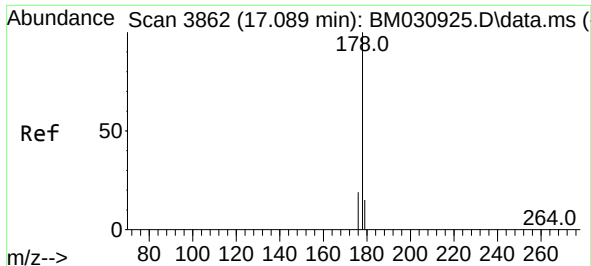


#12
Fluorene
Concen: 0.051 ng/ul
RT: 15.353 min Scan# 3390
Delta R.T. -0.000 min
Lab File: BM030934.D
Acq: 13 Jul 2021 17:13



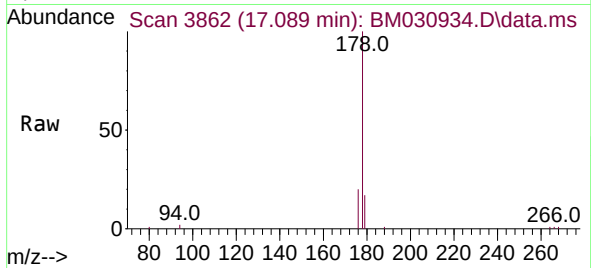
Tgt Ion:166 Resp: 532
Ion Ratio Lower Upper
166 100
165 102.5 78.7 118.1
167 26.3 12.5 18.7#





#15
Phenanthrene
Concen: 0.407 ng/ul
RT: 17.089 min Scan# 3862
Delta R.T. -0.000 min
Lab File: BM030934.D
Acq: 13 Jul 2021 17:13

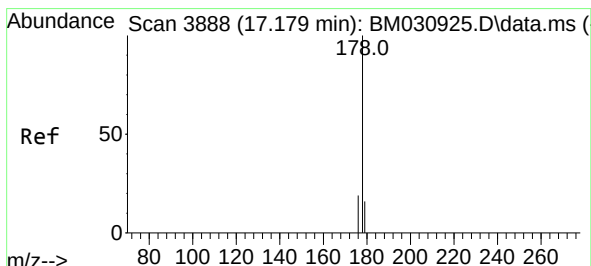
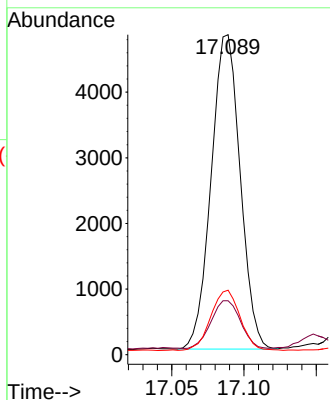
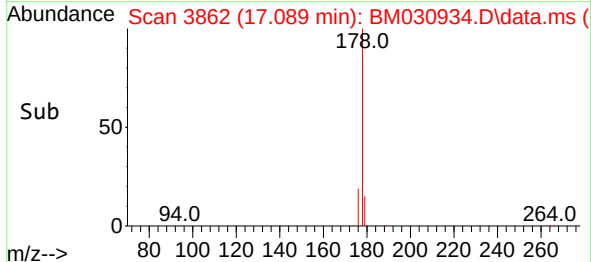
Instrument :
BNA_M
ClientSampled :
BGE07



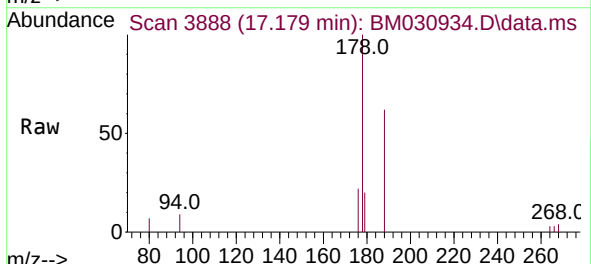
Tgt Ion:178 Resp: 6692
Ion Ratio Lower Upper
178 100
179 16.9 13.8 20.6
176 20.1 16.4 24.6

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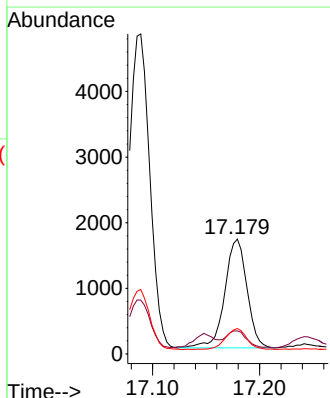
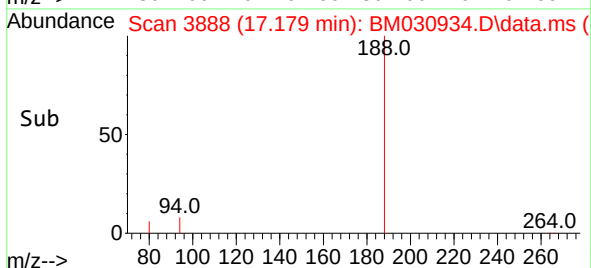
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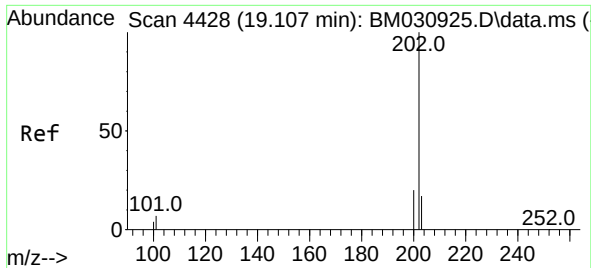


#16
Anthracene
Concen: 0.151 ng/ul
RT: 17.179 min Scan# 3888
Delta R.T. -0.000 min
Lab File: BM030934.D
Acq: 13 Jul 2021 17:13



Tgt Ion:178 Resp: 2384
Ion Ratio Lower Upper
178 100
179 20.1 14.5 21.7
176 22.1 16.1 24.1





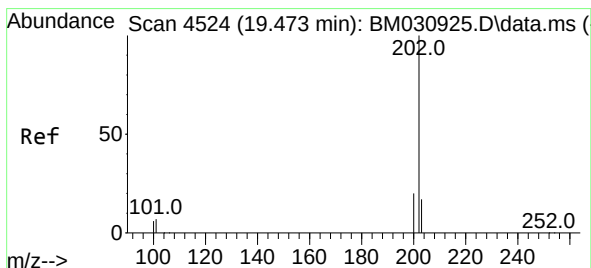
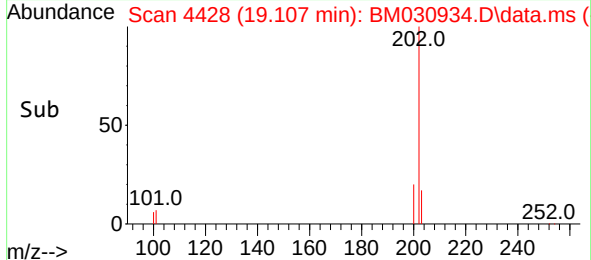
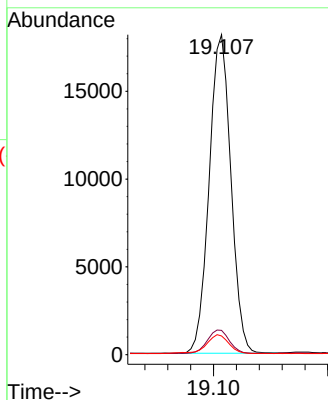
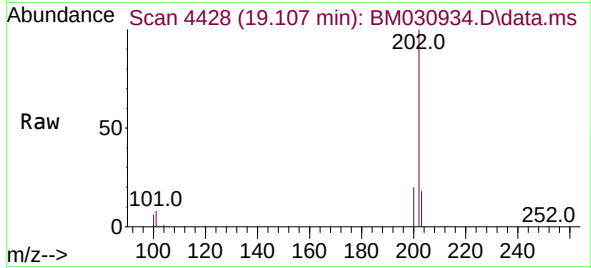
#19
Fluoranthene
Concen: 1.184 ng/ul
RT: 19.107 min Scan# 4428
Delta R.T. -0.000 min
Lab File: BM030934.D
Acq: 13 Jul 2021 17:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.3	9.5
100	5.9	5.0	7.6

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BGE07

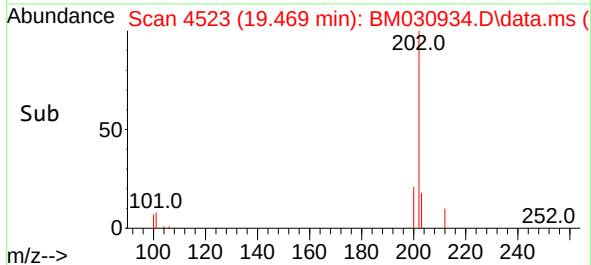
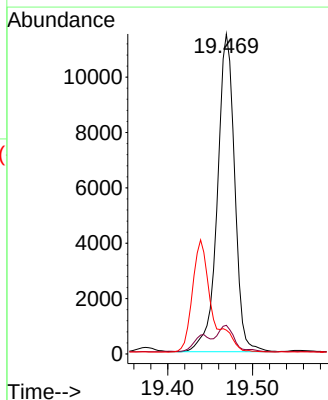
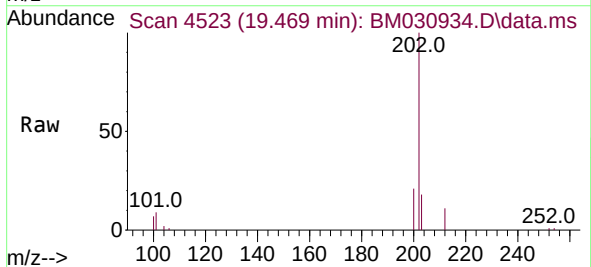
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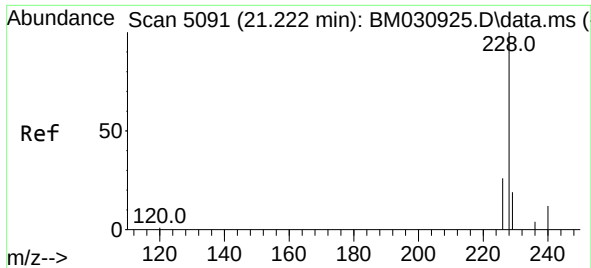
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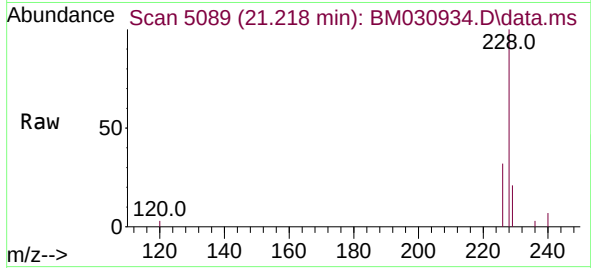
#20
Pyrene
Concen: 0.795 ng/ul
RT: 19.469 min Scan# 4523
Delta R.T. -0.004 min
Lab File: BM030934.D
Acq: 13 Jul 2021 17:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.6	10.0
100	7.5	5.6	8.4

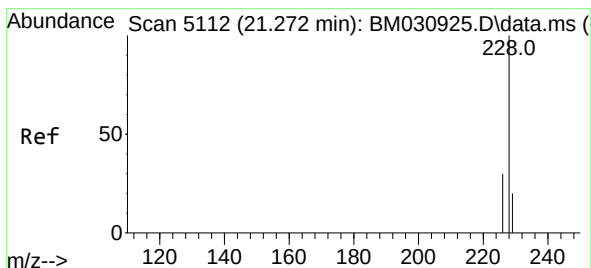
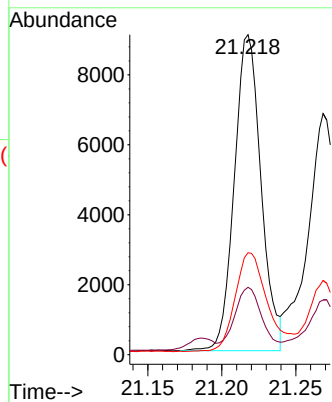
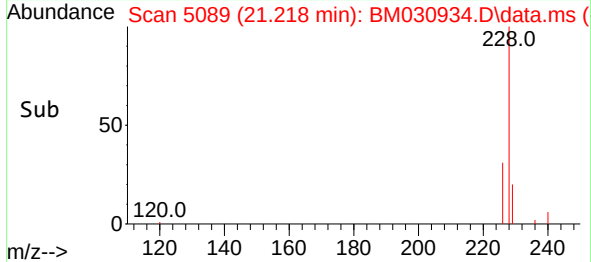




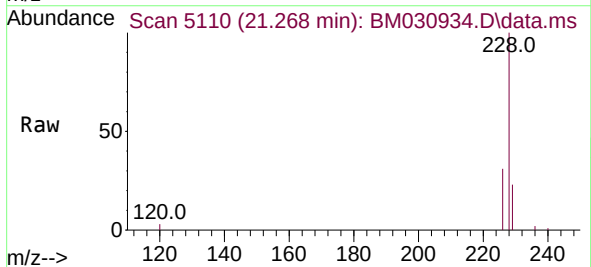
#21
Benzo(a)anthracene
Concen: 0.573 ng/ul
RT: 21.218 min Scan# 5089
Delta R.T. -0.004 min
Lab File: BM030934.D
Acq: 13 Jul 2021 17:13



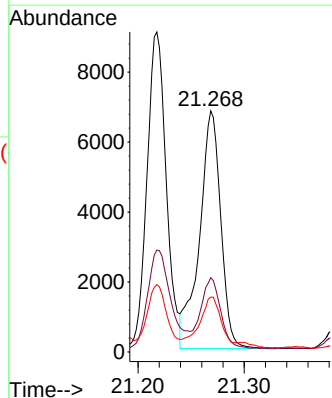
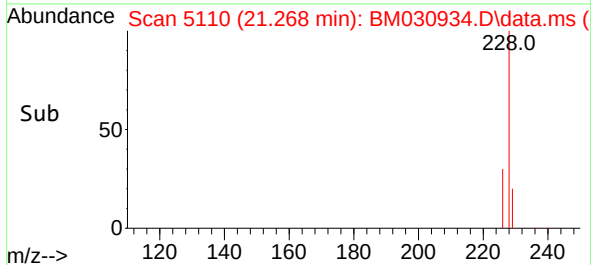
Tgt Ion:228 Resp: 11361
Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 31.9 21.8 32.8



#22
Chrysene
Concen: 0.464 ng/ul
RT: 21.268 min Scan# 5110
Delta R.T. -0.004 min
Lab File: BM030934.D
Acq: 13 Jul 2021 17:13



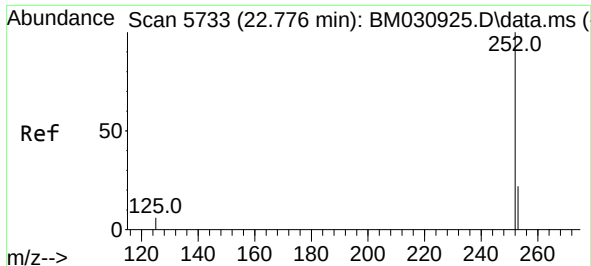
Tgt Ion:228 Resp: 9506
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 22.7 16.4 24.6



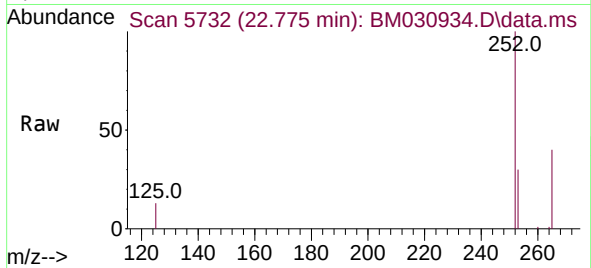
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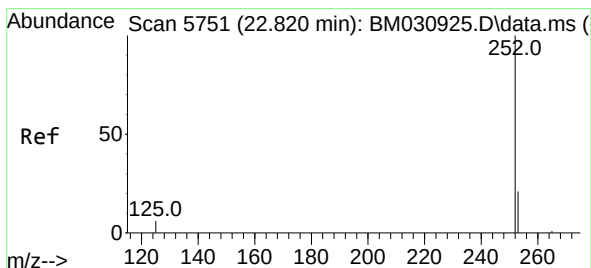
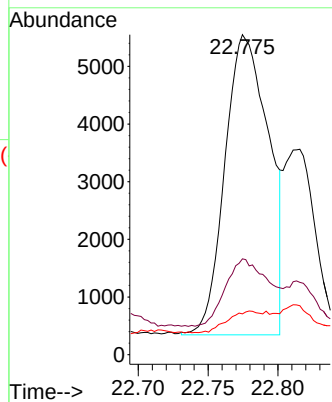
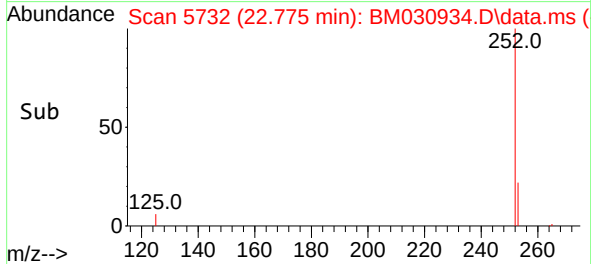
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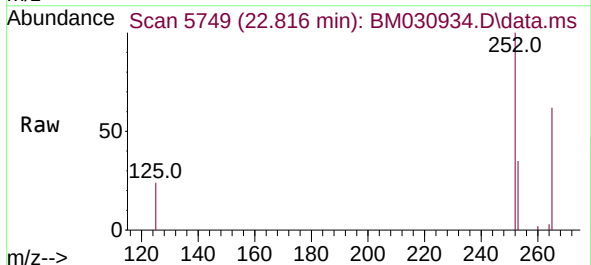
#24
Benzo(b)fluoranthene
Concen: 0.526 ng/ul m
RT: 22.775 min Scan# 5732
Delta R.T. -0.001 min
Lab File: BM030934.D
Acq: 13 Jul 2021 17:13



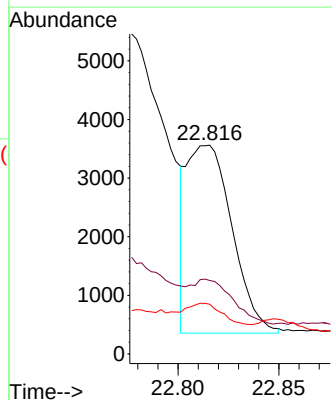
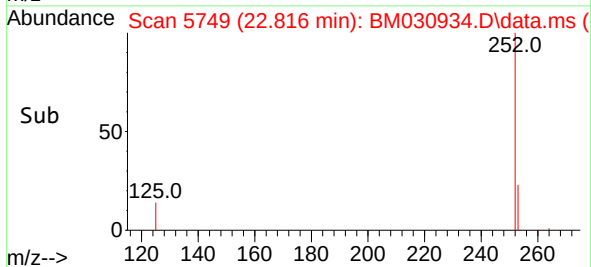
Tgt Ion:252 Resp: 11311
Ion Ratio Lower Upper
252 100
253 30.0 0.0 62.0
125 12.7 0.0 23.2



#25
Benzo(k)fluoranthene
Concen: 0.232 ng/ul m
RT: 22.816 min Scan# 5749
Delta R.T. -0.004 min
Lab File: BM030934.D
Acq: 13 Jul 2021 17:13



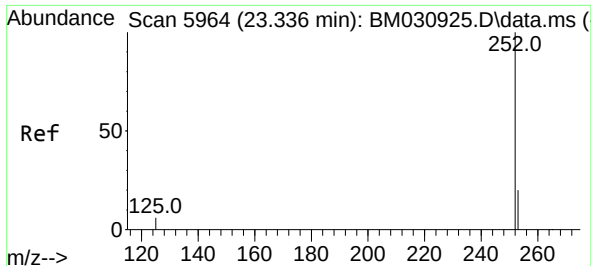
Tgt Ion:252 Resp: 5013
Ion Ratio Lower Upper
252 100
253 35.2 24.3 36.5
125 23.9 9.8 14.8#



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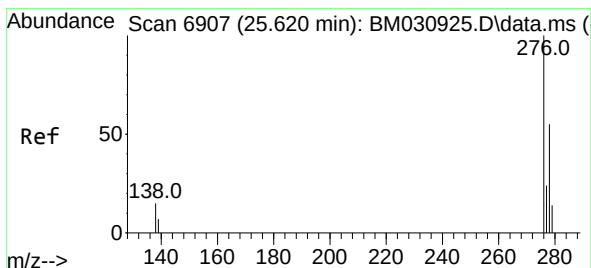
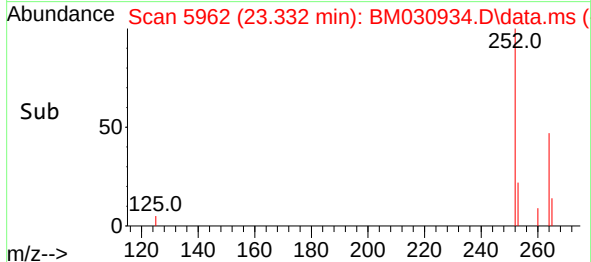
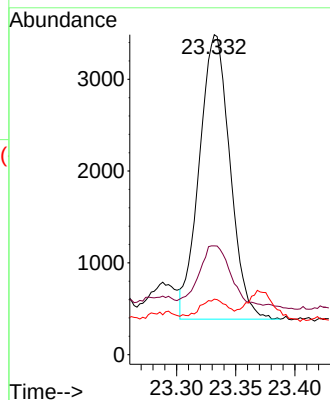
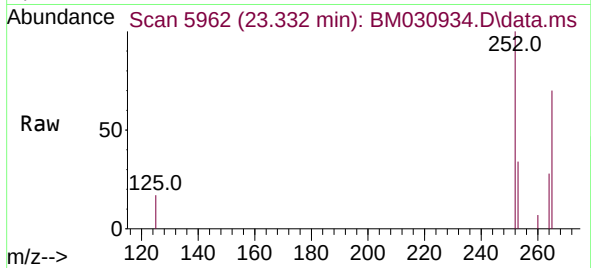
#26
Benzo(a)pyrene
Concen: 0.300 ng/ul
RT: 23.332 min Scan# 5962
Delta R.T. -0.004 min
Lab File: BM030934.D
Acq: 13 Jul 2021 17:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.0	26.5	39.7
125	17.4	11.0	16.4#

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BGE07

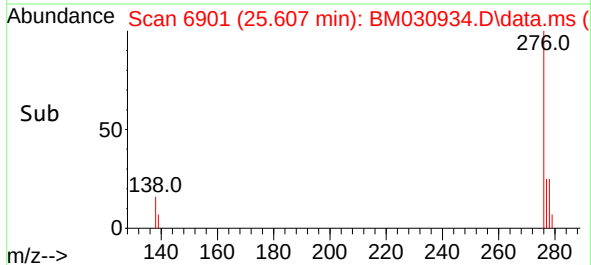
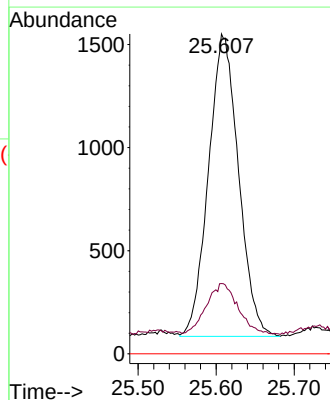
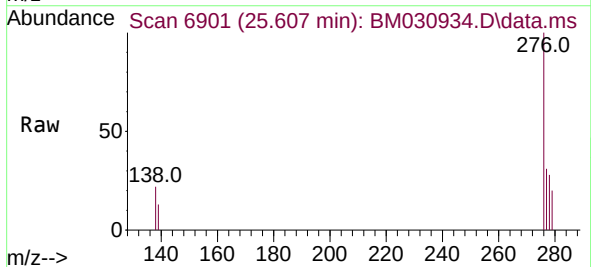
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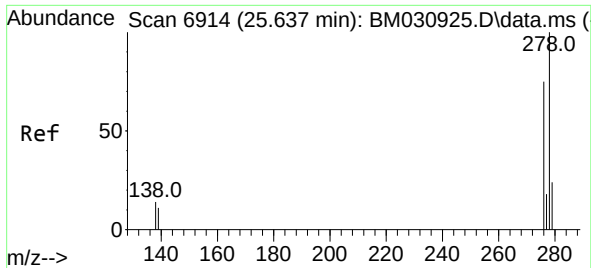
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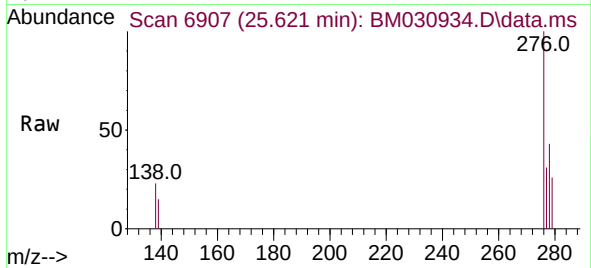
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.155 ng/ul
RT: 25.607 min Scan# 6901
Delta R.T. -0.014 min
Lab File: BM030934.D
Acq: 13 Jul 2021 17:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	13.0	19.6
227	0.0	0.0	0.0

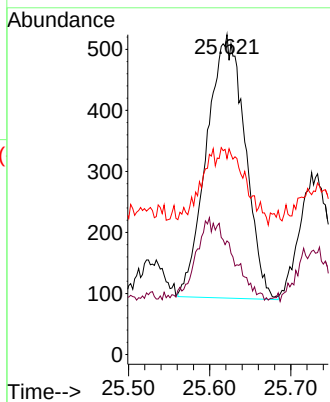
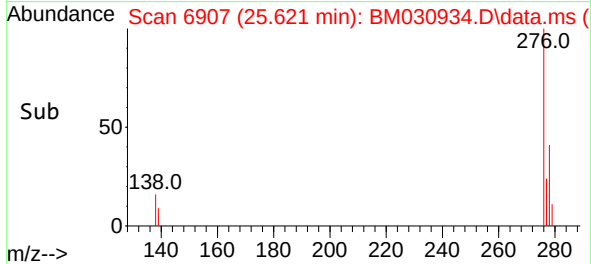




#28
 Dibenzo(a,h)anthracene
 Concen: 0.069 ng/ul
 RT: 25.621 min Scan# 6907
 Delta R.T. -0.016 min
 Lab File: BM030934.D
 Acq: 13 Jul 2021 17:13



Tgt Ion: 278 Resp: 1416
 Ion Ratio Lower Upper
 278 100
 139 35.5 11.4 17.0#
 279 61.3 26.2 39.2#



Instrument :
 BNA_M
 ClientSampleId :
 BGE07

Manual Integrations
 APPROVED

mohammad
 7/14/2021 12:16:32 PM