

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016141.D
 Acq On : 02 Sep 2021 17:31
 Operator : CG/JU
 Sample : M3458-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AR8

Manual Integrations
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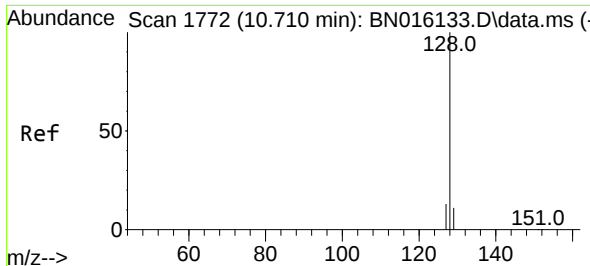
Quant Time: Sep 02 18:00:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration

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

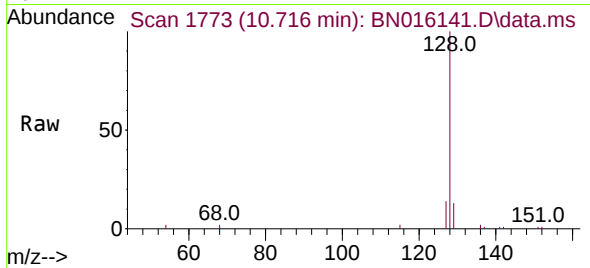
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	3698	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	15439	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.506	164	9166	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.255	188	18356	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	17475	0.400	ng/ul	# 0.00
23) Perylene-d12	23.845	264	17069	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	8517	1.979	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	3540	0.163	ng/ul	0.00
18) Fluoranthene-d10	19.285	212	8844	0.189	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	9486	0.231	ng/ul	98
7) 2-Methylnaphthalene	12.333	142	5486	0.205	ng/ul	99
8) 1-Methylnaphthalene	12.553	142	4719	0.176	ng/ul	98
10) Acenaphthylene	14.228	152	6333	0.183	ng/ul	96
11) Acenaphthene	14.571	153	2650	0.091	ng/ul	95
12) Fluorene	15.556	166	4370	0.132	ng/ul	98
15) Phenanthrene	17.297	178	108220	2.046	ng/ul	98
16) Anthracene	17.385	178	23424	0.513	ng/ul	99
19) Fluoranthene	19.318	202	150631	2.588	ng/ul	97
20) Pyrene	19.680	202	114798	1.947	ng/ul#	93
21) Benzo(a)anthracene	21.427	228	73166	1.369	ng/ul	96
22) Chrysene	21.480	228	75372m	1.248	ng/ul	
24) Benzo(b)fluoranthene	23.114	252	101341m	1.578	ng/ul	
25) Benzo(k)fluoranthene	23.155	252	38755m	0.600	ng/ul	
26) Benzo(a)pyrene	23.736	252	55899	1.026	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.323	276	45696	0.649	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.337	278	14929	0.257	ng/ul#	65
29) Benzo(g,h,i)perylene	27.091	276	6155	0.101	ng/ul#	49

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

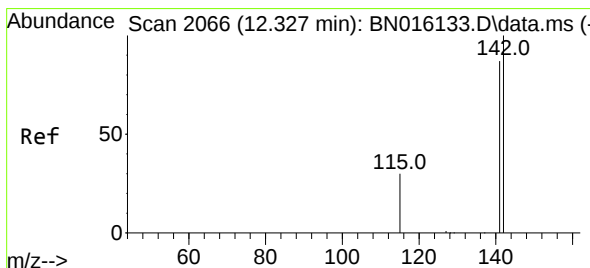
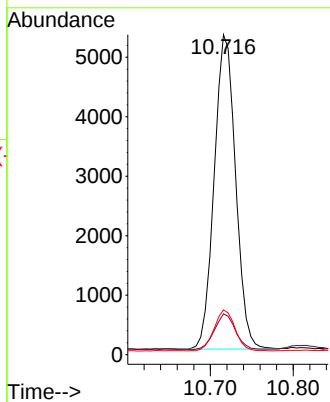
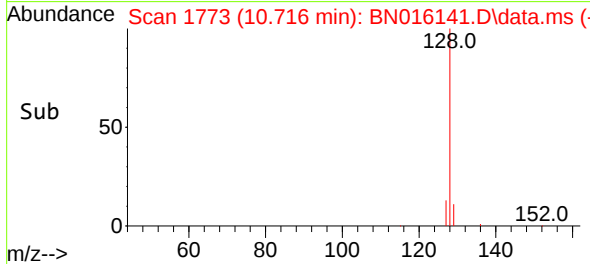
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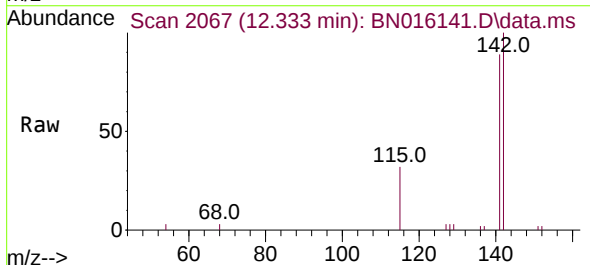
#5
Naphthalene
Concen: 0.231 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.005 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31



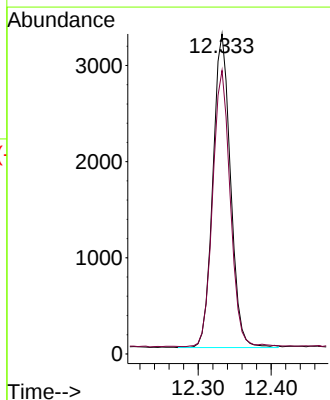
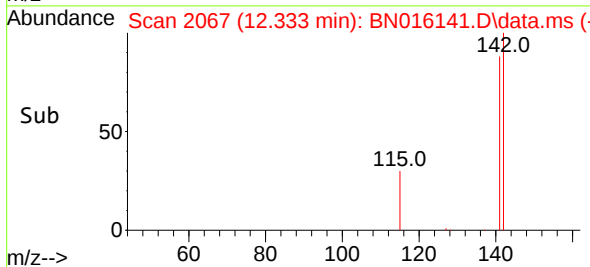
Tgt Ion:128 Resp: 9486
Ion Ratio Lower Upper
128 100
129 12.8 9.4 14.2
127 14.0 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.205 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.005 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31



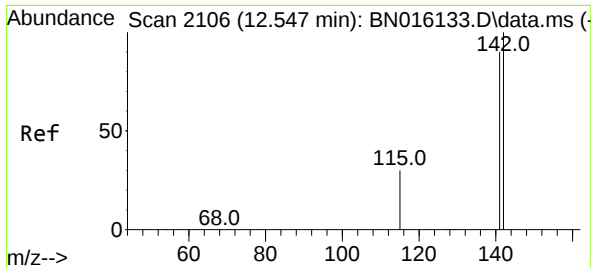
Tgt Ion:142 Resp: 5486
Ion Ratio Lower Upper
142 100
141 88.0 69.5 104.3



Instrument :
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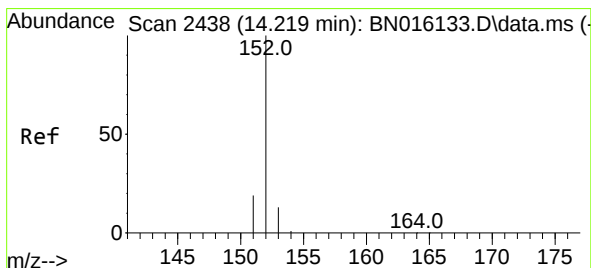
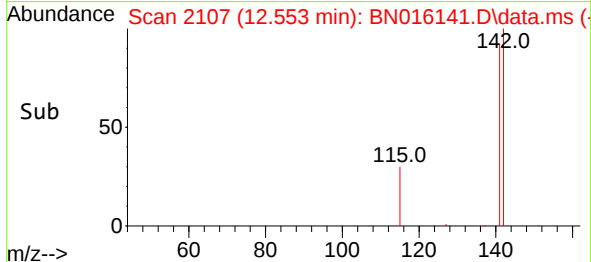
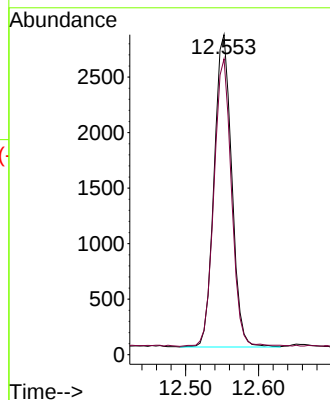
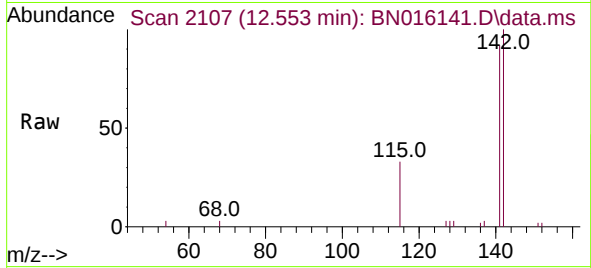
#8
1-Methylnaphthalene
Concen: 0.176 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31

Tgt Ion:142 Resp: 4719
Ion Ratio Lower Upper
142 100
141 91.8 72.2 108.4

Instrument :
BNA_N
ClientSampled :
C0AR8

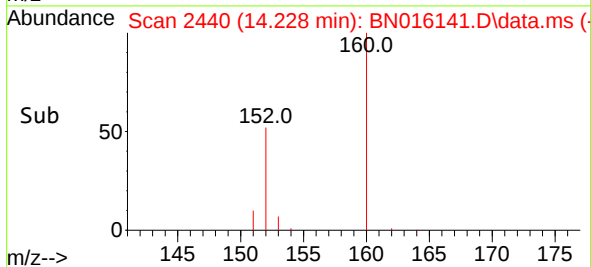
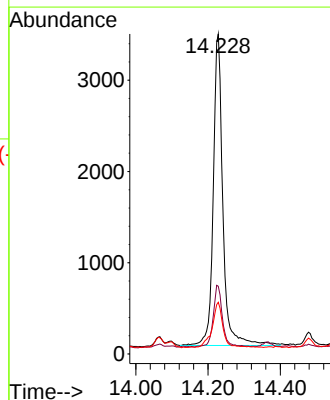
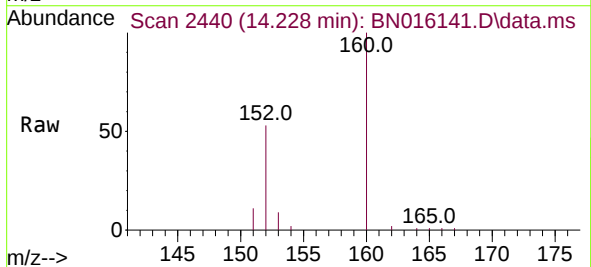
Manual Integrations
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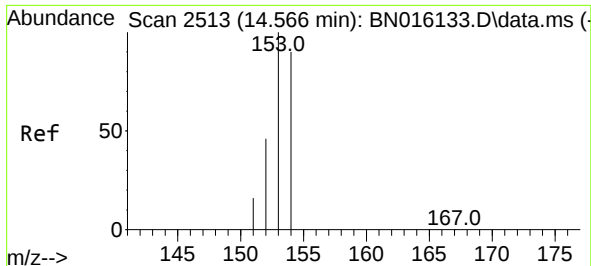
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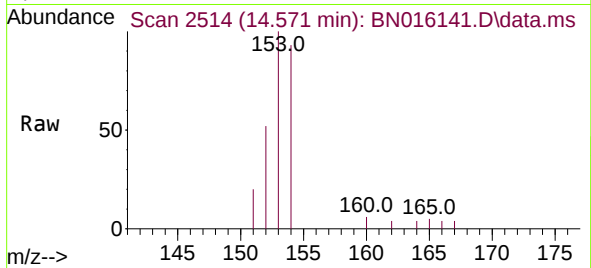
#10
Acenaphthylene
Concen: 0.183 ng/ul
RT: 14.228 min Scan# 2440
Delta R.T. 0.009 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31

Tgt Ion:152 Resp: 6333
Ion Ratio Lower Upper
152 100
151 21.2 15.8 23.6
153 16.2 11.2 16.8

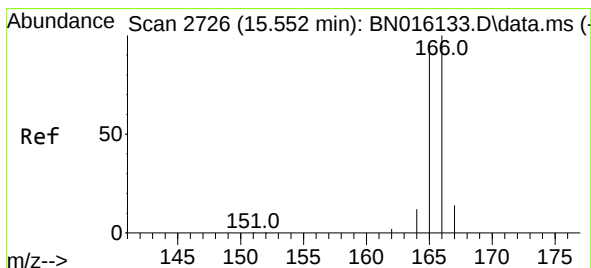
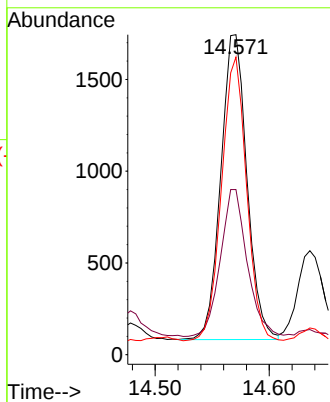
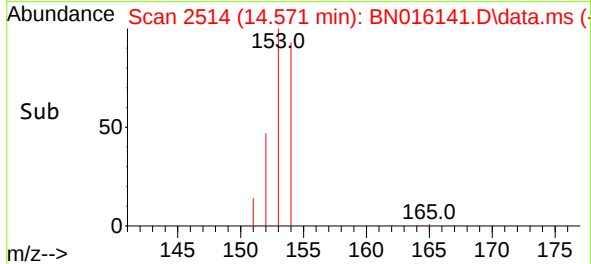




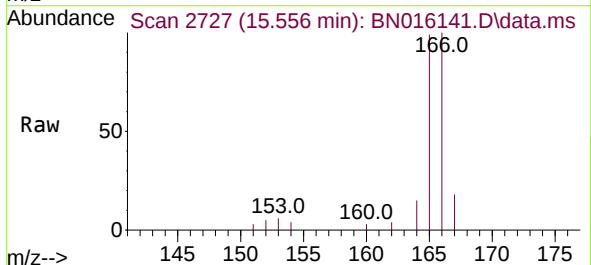
#11
Acenaphthene
Concen: 0.091 ng/ul
RT: 14.571 min Scan# 2514
Delta R.T. 0.004 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31



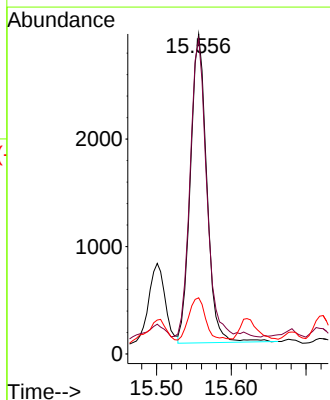
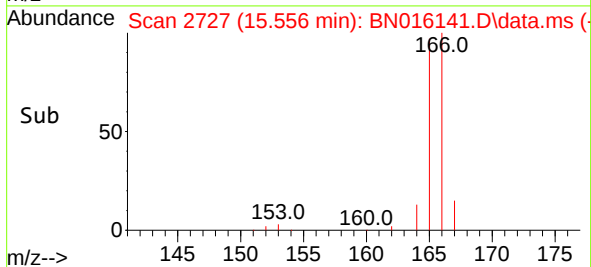
Tgt Ion:153 Resp: 2650
Ion Ratio Lower Upper
153 100
152 51.6 38.5 57.7
154 93.0 71.3 106.9



#12
Fluorene
Concen: 0.132 ng/ul
RT: 15.556 min Scan# 2727
Delta R.T. 0.004 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31



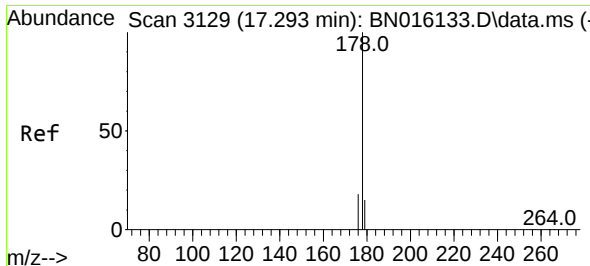
Tgt Ion:166 Resp: 4370
Ion Ratio Lower Upper
166 100
165 98.5 77.9 116.9
167 17.6 11.8 17.8



Instrument :
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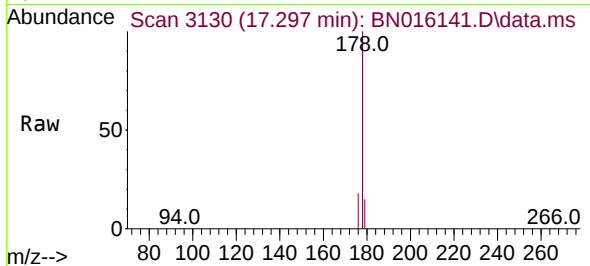
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#15
Phenanthrene
Concen: 2.046 ng/ul
RT: 17.297 min Scan# 3130
Delta R.T. 0.004 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31

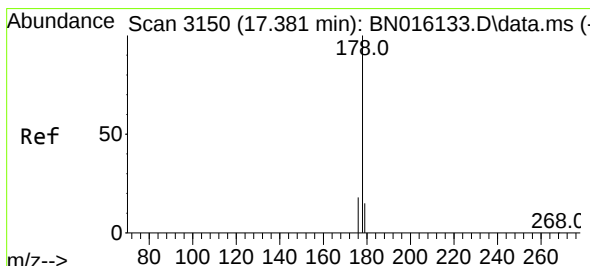
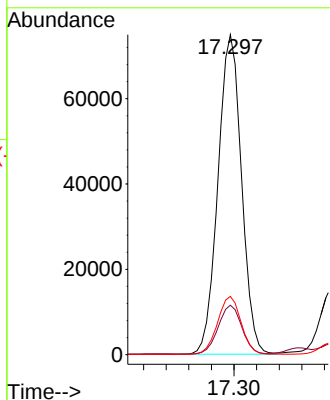
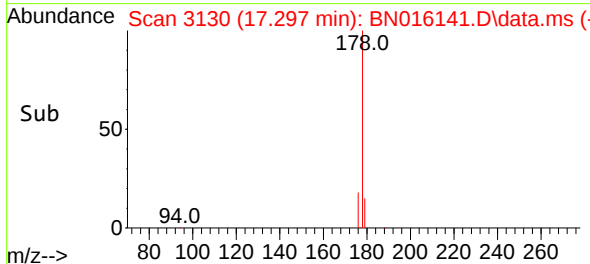
Instrument :
BNA_N
ClientSampleId :
C0AR8



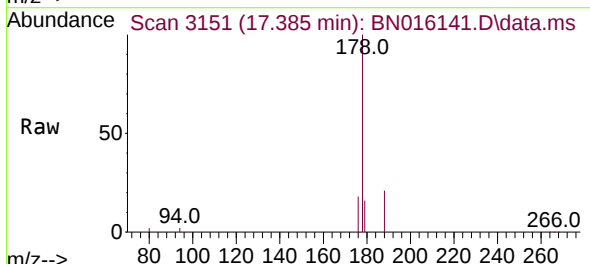
Tgt Ion:178 Resp: 108220
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 18.2 15.2 22.8

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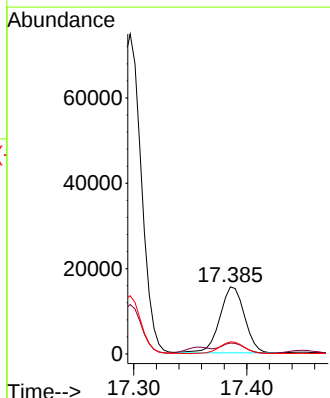
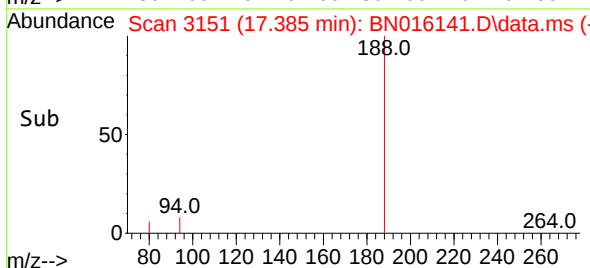
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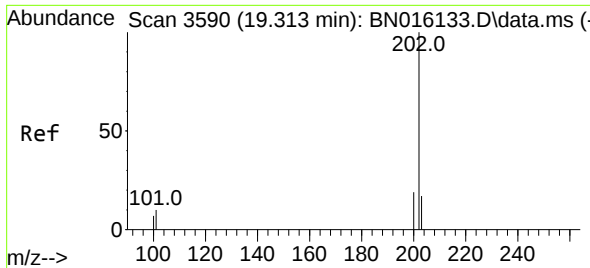


#16
Anthracene
Concen: 0.513 ng/ul
RT: 17.385 min Scan# 3151
Delta R.T. 0.004 min
Lab File: BN016141.D
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Tgt Ion:178 Resp: 23424
Ion Ratio Lower Upper
178 100
179 16.2 13.3 19.9
176 18.2 14.9 22.3





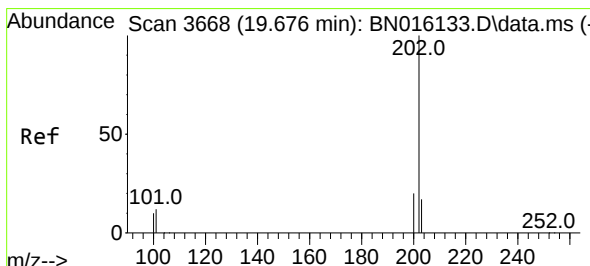
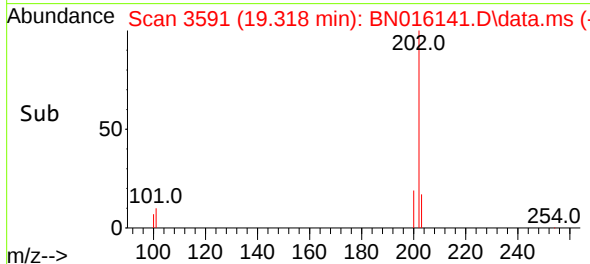
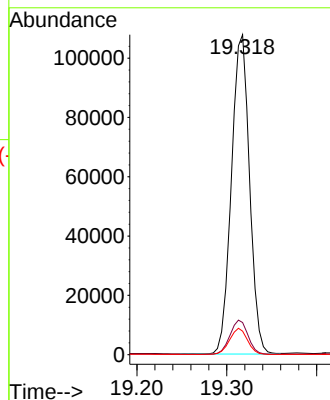
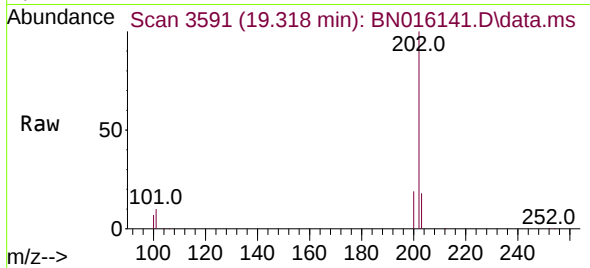
#19
Fluoranthene
Concen: 2.588 ng/ul
RT: 19.318 min Scan# 3591
Delta R.T. 0.005 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31

Tgt Ion:202 Resp: 150631
Ion Ratio Lower Upper
202 100
101 10.1 9.2 13.8
100 7.4 6.7 10.1

Instrument :
BNA_N
ClientSampleId :
C0AR8

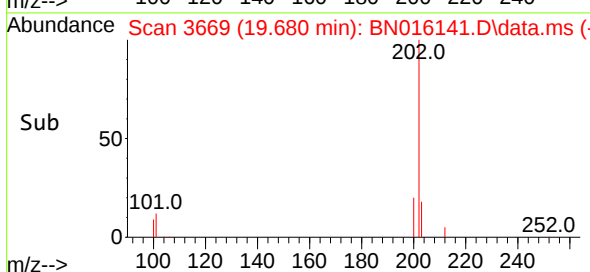
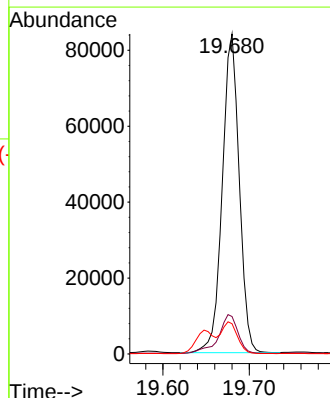
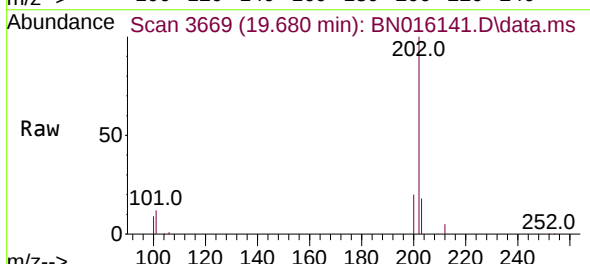
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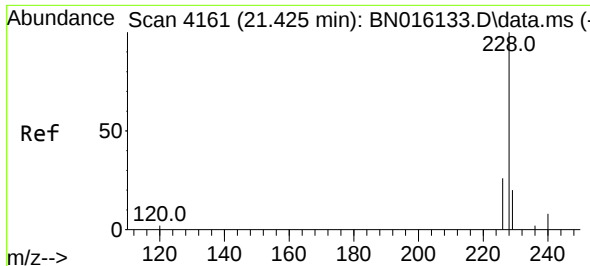
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#20
Pyrene
Concen: 1.947 ng/ul
RT: 19.680 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31

Tgt Ion:202 Resp: 114798
Ion Ratio Lower Upper
202 100
101 11.7 11.5 17.3
100 9.5 9.8 14.8#





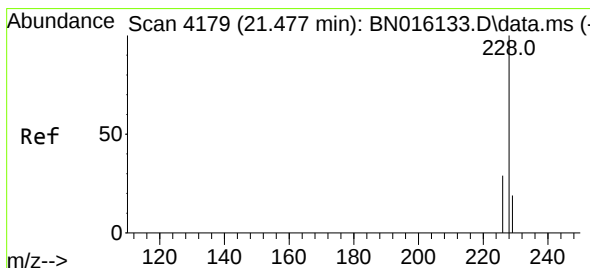
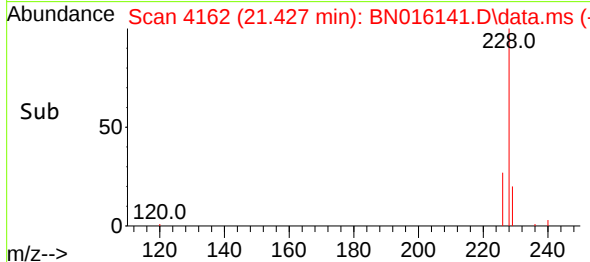
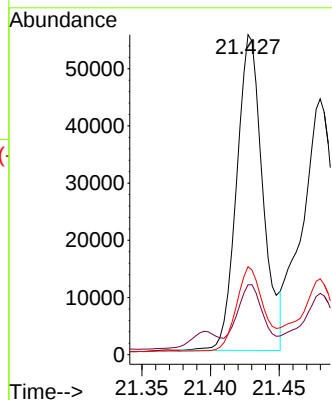
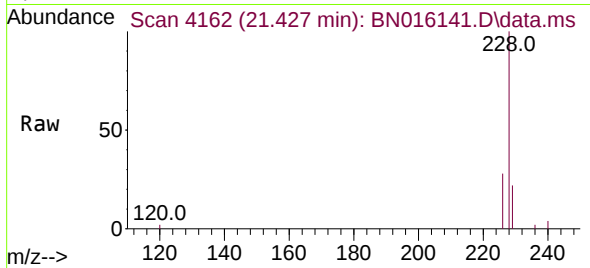
#21
Benzo(a)anthracene
Concen: 1.369 ng/ul
RT: 21.427 min Scan# 4162
Delta R.T. 0.003 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31

Tgt Ion:228 Resp: 73166
Ion Ratio Lower Upper
228 100
229 21.9 15.7 23.5
226 27.5 20.8 31.2

Instrument :
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C0AR8

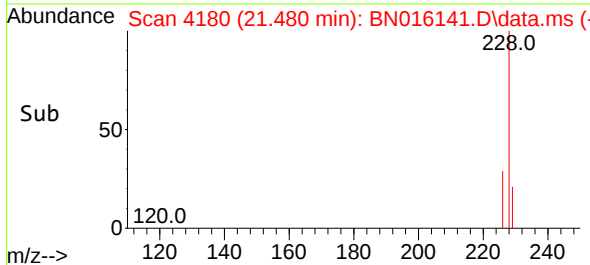
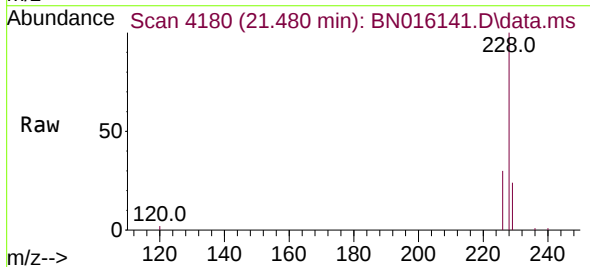
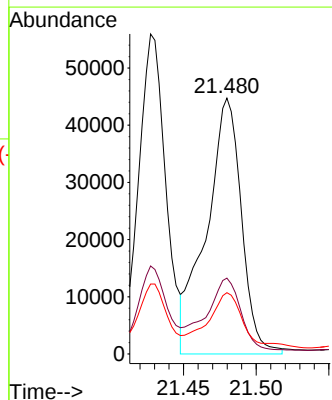
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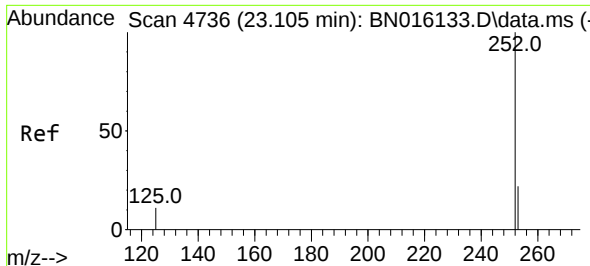
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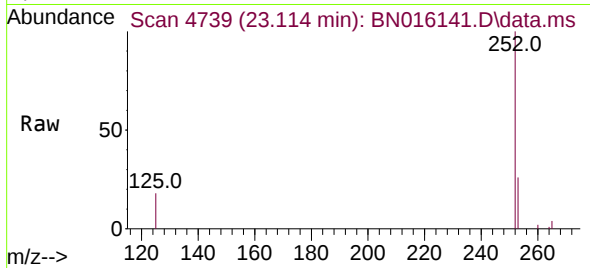
#22
Chrysene
Concen: 1.248 ng/ul m
RT: 21.480 min Scan# 4180
Delta R.T. 0.003 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31

Tgt Ion:228 Resp: 75372
Ion Ratio Lower Upper
228 100
226 29.6 23.2 34.8
229 23.9 15.6 23.4#

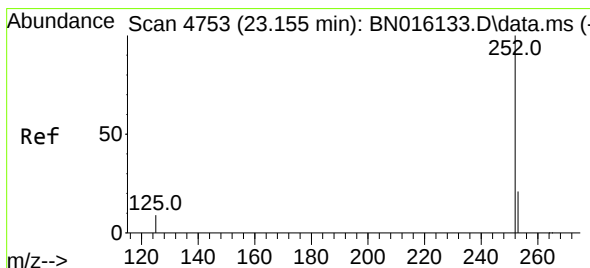
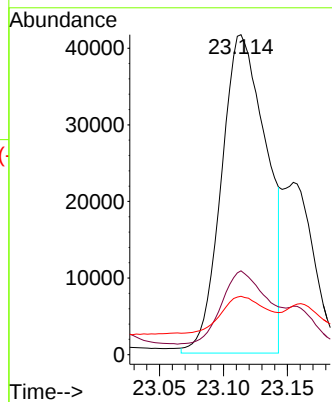
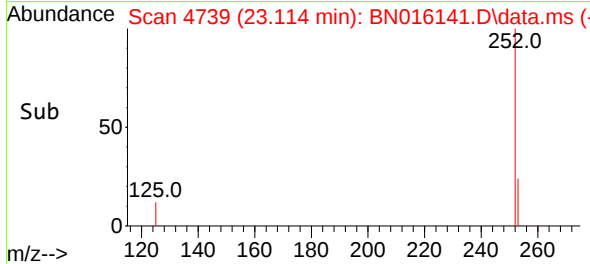




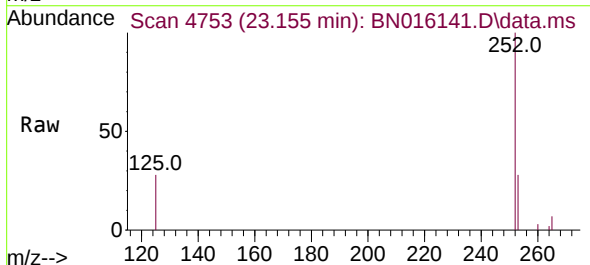
#24
Benzo(b)fluoranthene
Concen: 1.578 ng/ul m
RT: 23.114 min Scan# 4739
Delta R.T. 0.009 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31



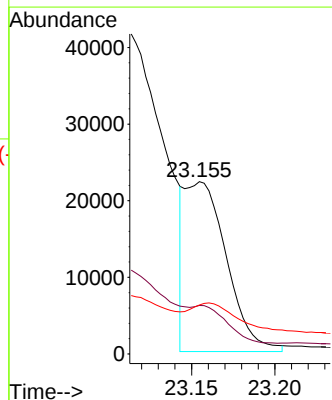
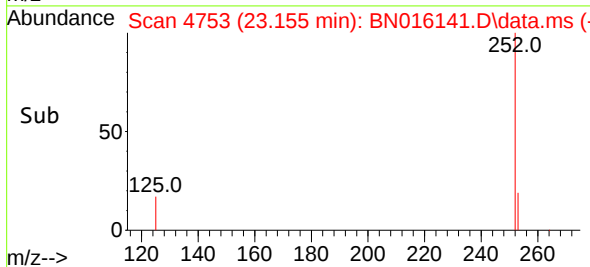
Tgt Ion:252 Resp: 101341
Ion Ratio Lower Upper
252 100
253 26.2 0.0 49.4
125 18.2 0.0 27.0



#25
Benzo(k)fluoranthene
Concen: 0.600 ng/ul m
RT: 23.155 min Scan# 4753
Delta R.T. -0.000 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31



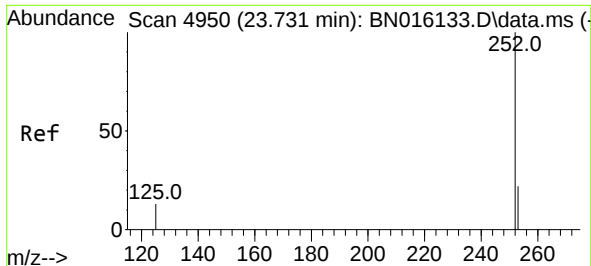
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Ion Ratio Lower Upper
252 100
253 28.1 19.4 29.0
125 28.5 10.9 16.3#



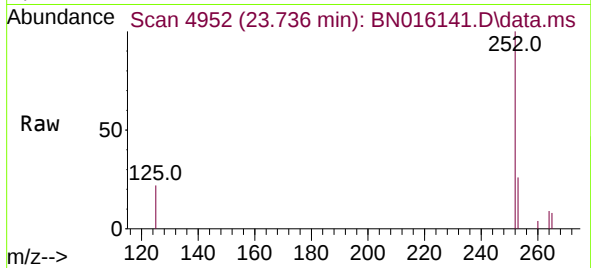
Instrument :
BNA_N
ClientSampleId :
C0AR8

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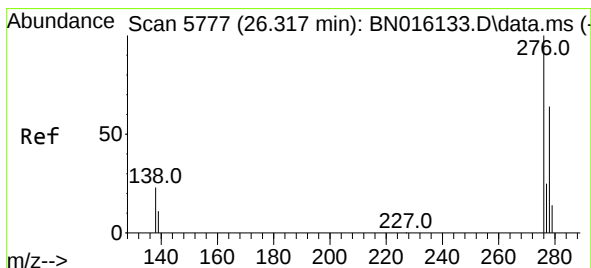
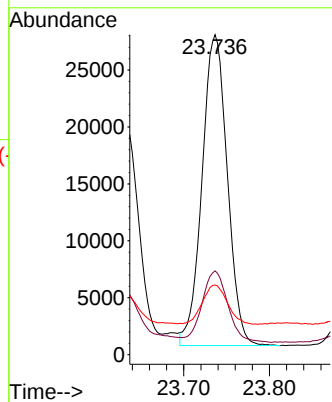
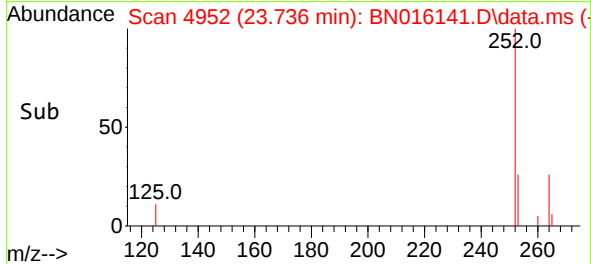
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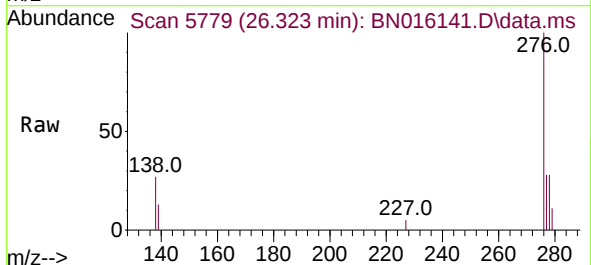
#26
Benzo(a)pyrene
Concen: 1.026 ng/ul
RT: 23.736 min Scan# 4952
Delta R.T. 0.006 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31



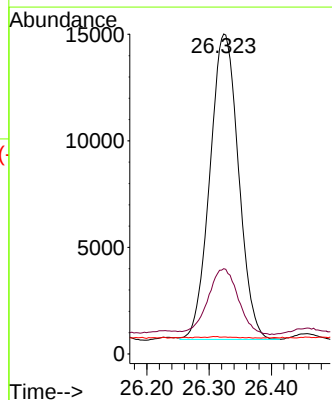
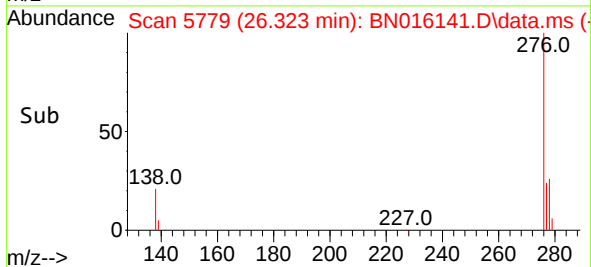
Tgt Ion:252 Resp: 55899
Ion Ratio Lower Upper
252 100
253 26.2 20.2 30.2
125 21.8 12.6 18.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.649 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. 0.007 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31



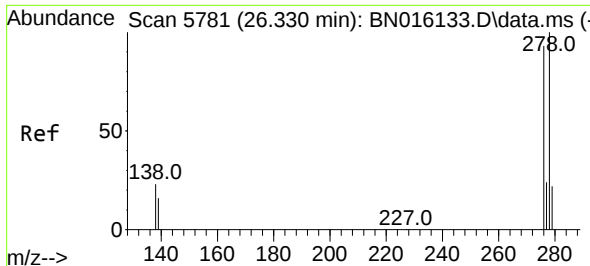
Tgt Ion:276 Resp: 45696
Ion Ratio Lower Upper
276 100
138 23.0 22.7 34.1
227 0.4 0.2 0.2#



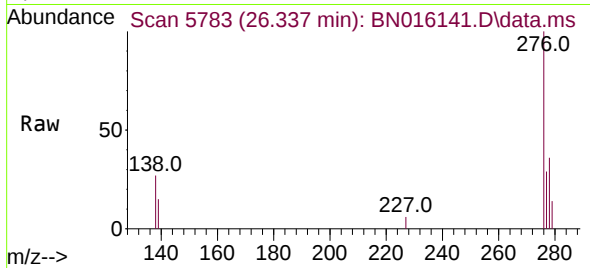
Instrument :
BNA_N
ClientSampleId :
C0AR8

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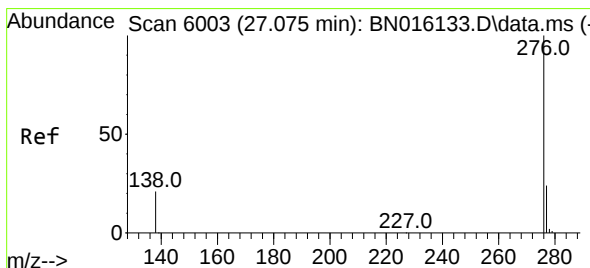
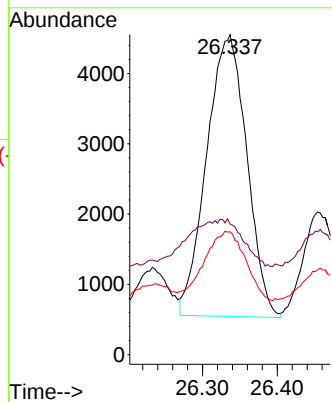
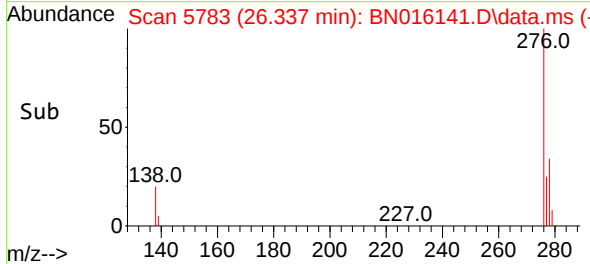
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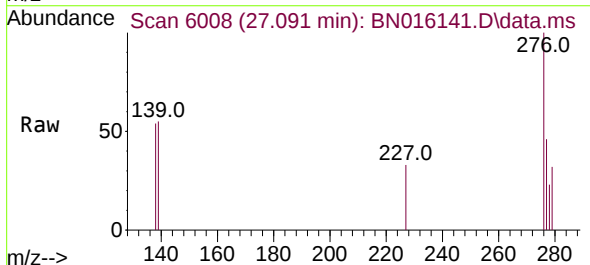
#28
Dibenzo(a,h)anthracene
Concen: 0.257 ng/ul
RT: 26.337 min Scan# 5783
Delta R.T. 0.007 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31



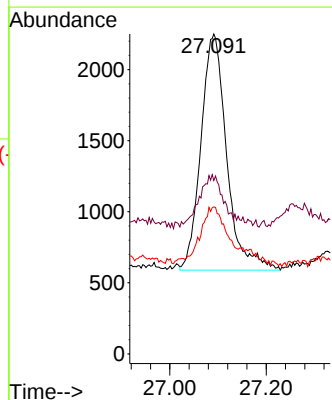
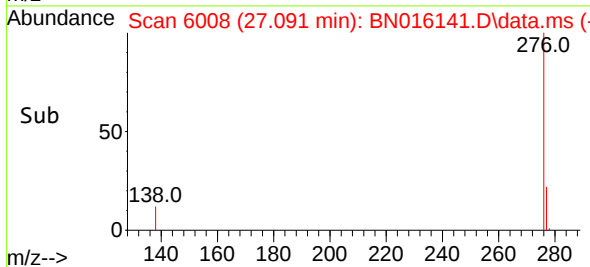
Tgt Ion: 278 Resp: 14929
Ion Ratio Lower Upper
278 100
139 40.8 15.1 22.7#
279 38.4 20.5 30.7#



#29
Benzo(g,h,i)perylene
Concen: 0.101 ng/ul
RT: 27.091 min Scan# 6008
Delta R.T. 0.017 min
Lab File: BN016141.D
Acq: 02 Sep 2021 17:31



Tgt Ion: 276 Resp: 6155
Ion Ratio Lower Upper
276 100
138 54.2 19.3 28.9#
277 45.9 19.8 29.8#



Instrument :
BNA_N
ClientSampled :
C0AR8

Manual Integrations
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