

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
 Data File : BM043079.D
 Acq On : 28 Nov 2023 19:33
 Operator : MA/JU
 Sample : 05416-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 23:39:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	1021m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.612	136	2899	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.451	164	1650m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.209	188	3273	0.400	ng/ul	-0.03
17) Chrysene-d12	21.406	240	2358	0.400	ng/ul	-0.02
23) Perylene-d12	23.753	264	2086m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1448	0.924	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	527	0.136	ng/ul	-0.02
18) Fluoranthene-d10	19.239	212	1341	0.156	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.662	128	427	0.054	ng/ul#	75
7) 2-Methylnaphthalene	12.300	142	395	0.085	ng/ul	94
8) 1-Methylnaphthalene	12.509	142	275	0.053	ng/ul	93
10) Acenaphthylene	14.178	152	239	0.028	ng/ul#	49
15) Phenanthrene	17.251	178	1674	0.179	ng/ul	99
16) Anthracene	17.344	178	408m	0.046	ng/ul	
19) Fluoranthene	19.272	202	6892	0.516	ng/ul#	94
20) Pyrene	19.634	202	5763	0.405	ng/ul	97
21) Benzo(a)anthracene	21.391	228	2347	0.307	ng/ul	99
22) Chrysene	21.441	228	1659	0.116	ng/ul	94
24) Benzo(b)fluoranthene	23.028	252	2652	0.377	ng/ul	91
25) Benzo(k)fluoranthene	23.072	252	1347m	0.139	ng/ul	
26) Benzo(a)pyrene	23.639	252	1701	0.221	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.222	276	1516	0.146	ng/ul#	100
29) Benzo(g,h,i)perylene	26.980	276	1498	0.148	ng/ul#	86

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

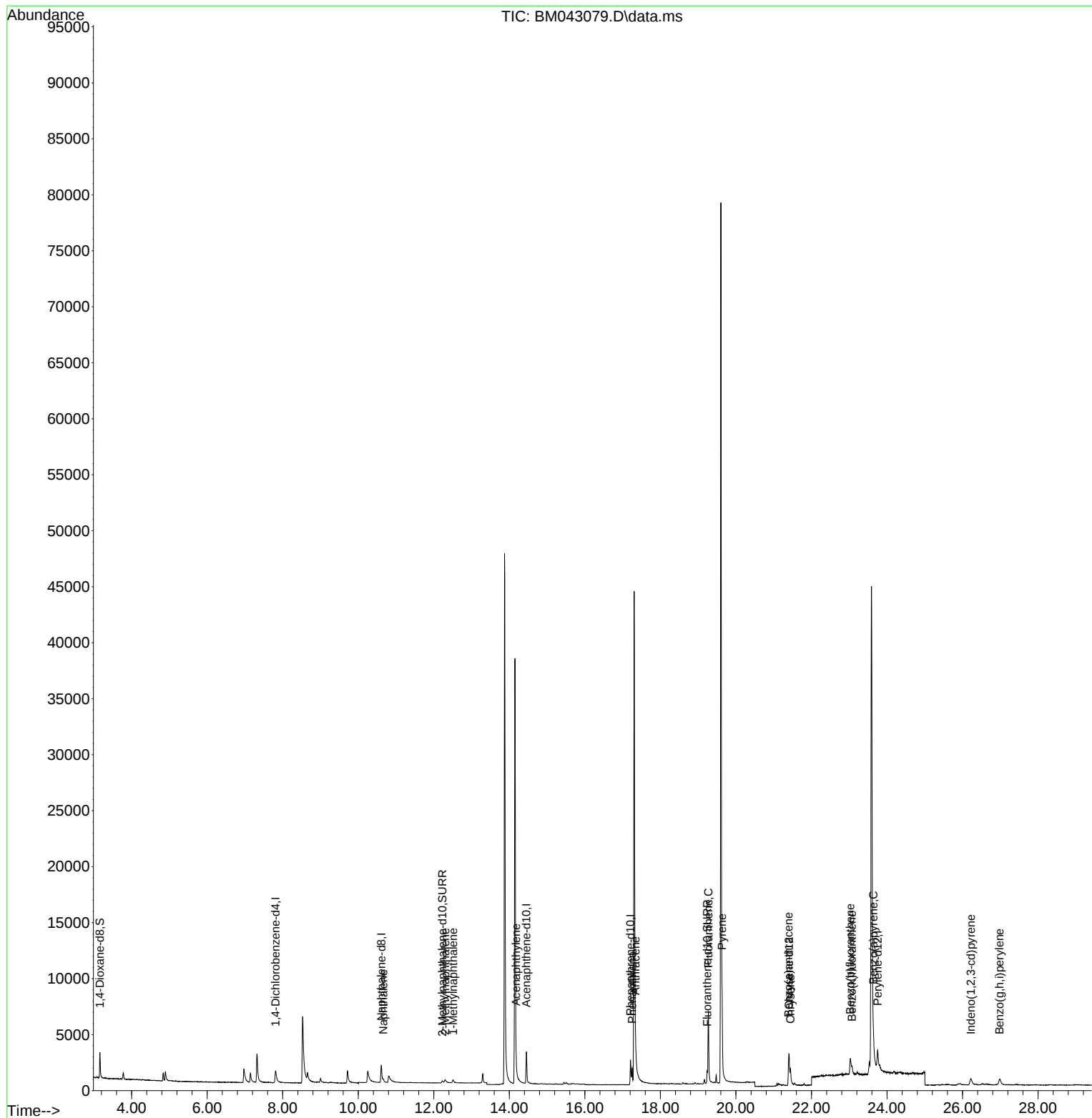
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043079.D
Acq On : 28 Nov 2023 19:33
Operator : MA/JU
Sample : 05416-21
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ALS Vial : 10 Sample Multiplier: 1

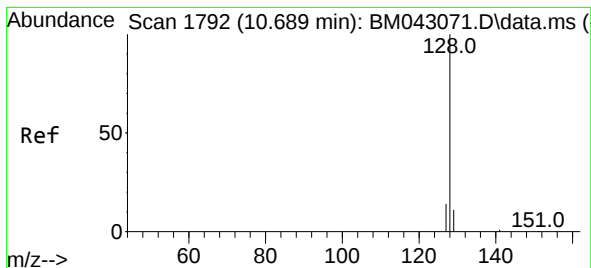
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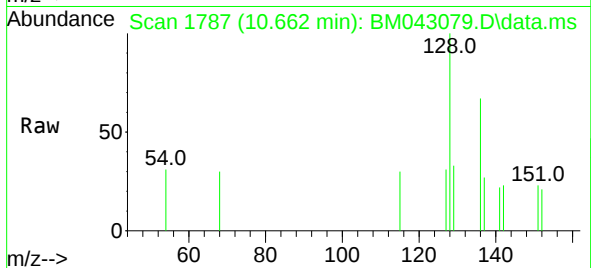
Quant Time: Nov 28 23:39:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
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#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.662 min Scan# 1787
Delta R.T. -0.037 min
Lab File: BM043079.D
Acq: 28 Nov 2023 19:33

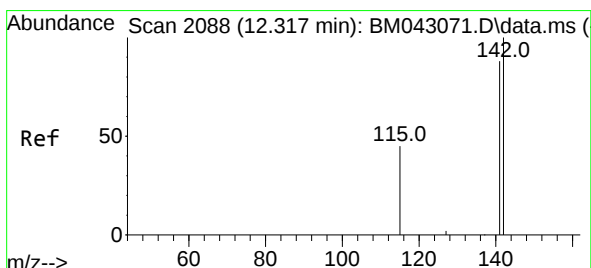
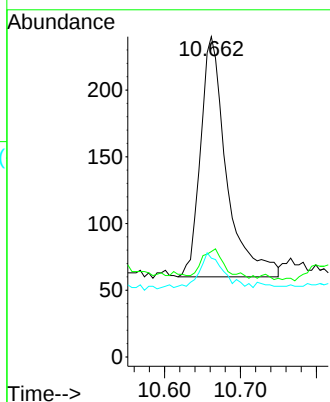
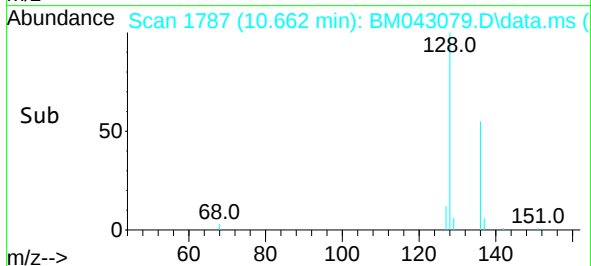
Instrument :
BNA_M
ClientSampleId :
C0AH4



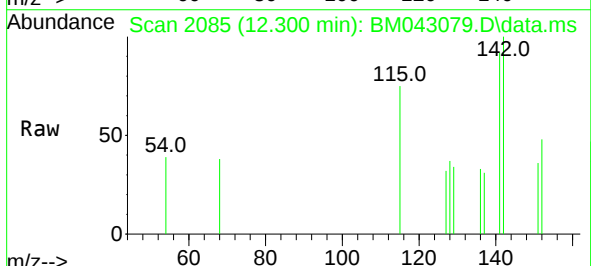
Tgt Ion:128 Resp: 427
Ion Ratio Lower Upper
128 100
129 32.9 16.0 24.0
127 30.8 16.5 24.7

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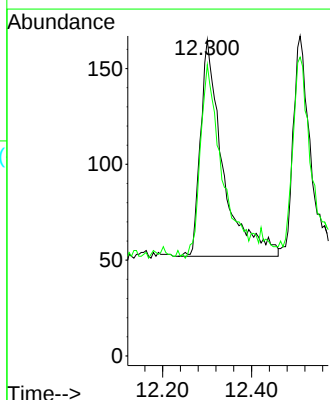
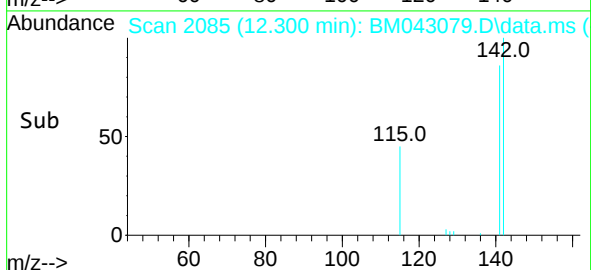
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

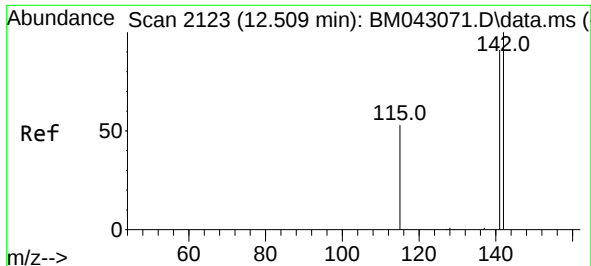


#7
2-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 12.300 min Scan# 2085
Delta R.T. -0.032 min
Lab File: BM043079.D
Acq: 28 Nov 2023 19:33



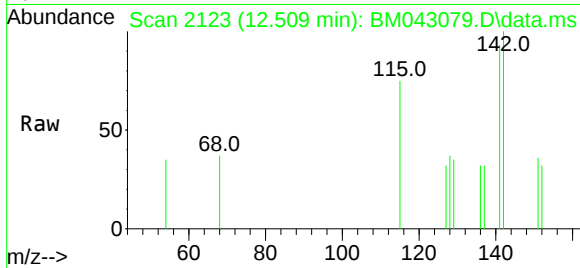
Tgt Ion:142 Resp: 395
Ion Ratio Lower Upper
142 100
141 89.1 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.053 ng/uI
RT: 12.509 min Scan# 2123
Delta R.T. -0.010 min
Lab File: BM043079.D
Acq: 28 Nov 2023 19:33

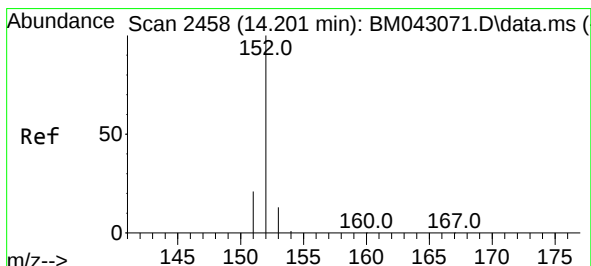
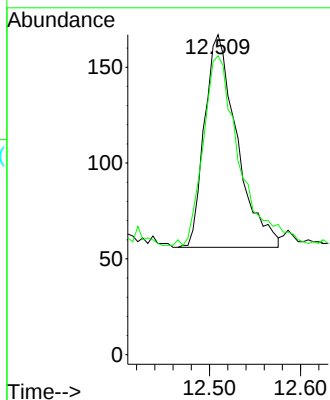
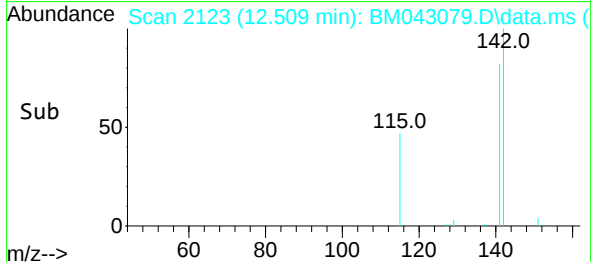
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 279
Ion Ratio Lower Upper
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141 99.3 73.8 110.8

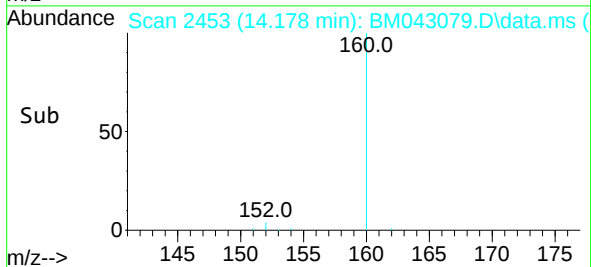
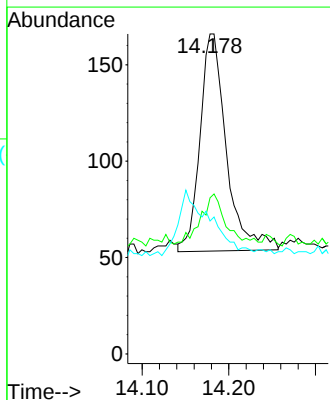
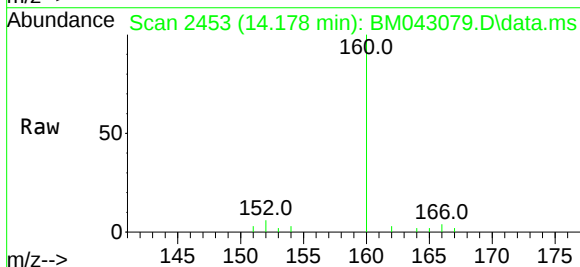
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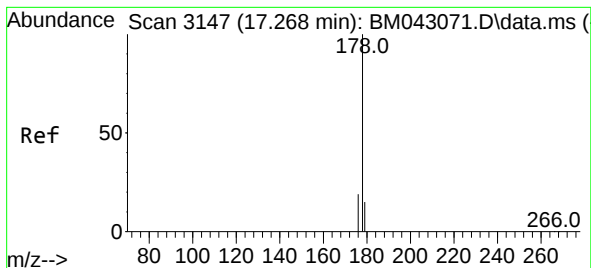
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#10
Acenaphthylene
Concen: 0.028 ng/uI
RT: 14.178 min Scan# 2453
Delta R.T. -0.026 min
Lab File: BM043079.D
Acq: 28 Nov 2023 19:33

Tgt Ion:152 Resp: 239
Ion Ratio Lower Upper
152 100
151 48.8 19.4 29.0#
153 41.6 14.6 21.8#





#15

Phenanthrene

Concen: 0.179 ng/ul

RT: 17.251 min Scan# 3143

Delta R.T. -0.028 min

Lab File: BM043079.D

Acq: 28 Nov 2023 19:33

Instrument :

BNA_M

ClientSampleId :

C0AH4

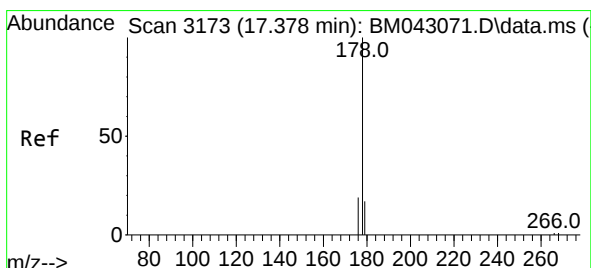
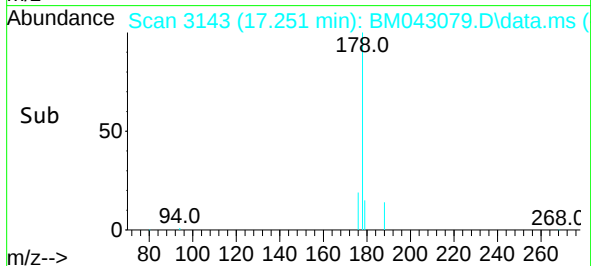
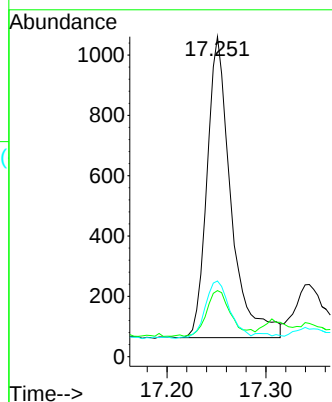
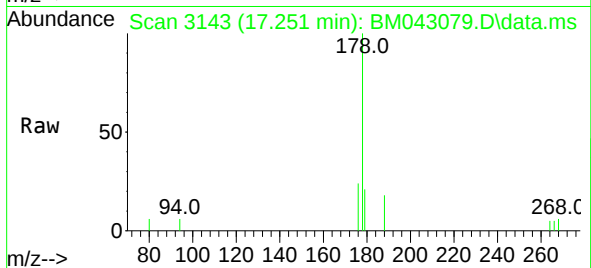
Tgt Ion:	178	Resp:	1674
Ion Ratio	Lower	Upper	
178	100		
179	20.6	15.7	23.5
176	23.7	18.9	28.3

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Supervised By :mohammad ahmed 11/29/2023



#16

Anthracene

Concen: 0.046 ng/ul m

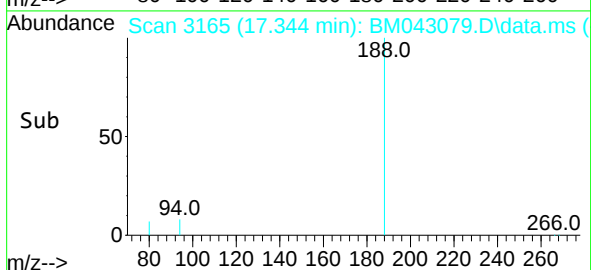
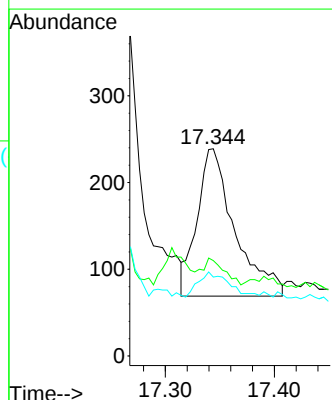
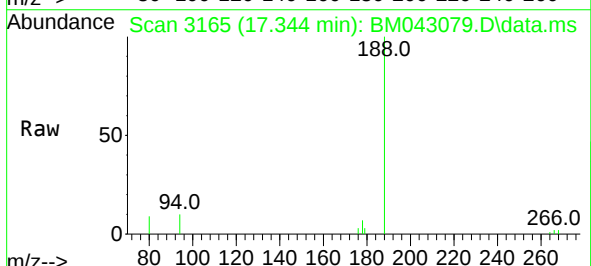
RT: 17.344 min Scan# 3165

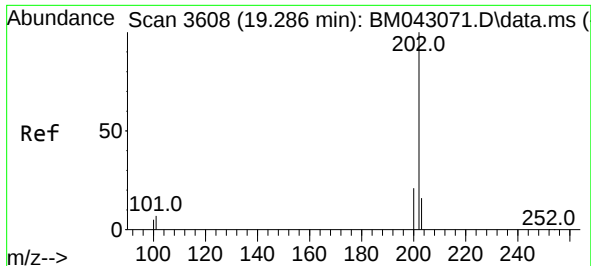
Delta R.T. -0.049 min

Lab File: BM043079.D

Acq: 28 Nov 2023 19:33

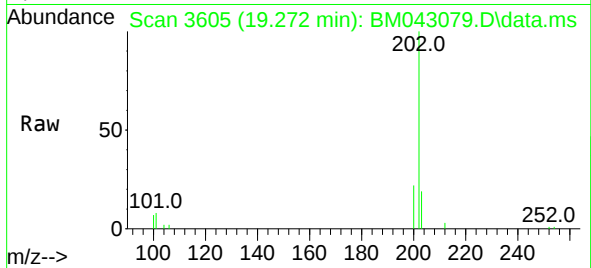
Tgt Ion:	178	Resp:	408
Ion Ratio	Lower	Upper	
178	100		
179	46.0	17.3	25.9#
176	38.1	20.5	30.7#





#19
Fluoranthene
Concen: 0.516 ng/u1
RT: 19.272 min Scan# 3605
Delta R.T. -0.022 min
Lab File: BM043079.D
Acq: 28 Nov 2023 19:33

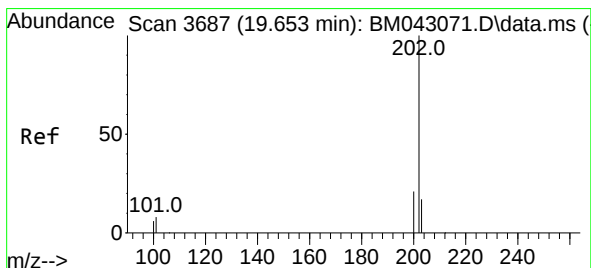
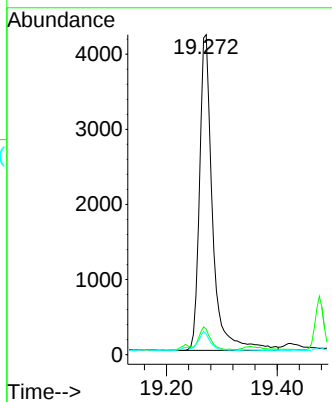
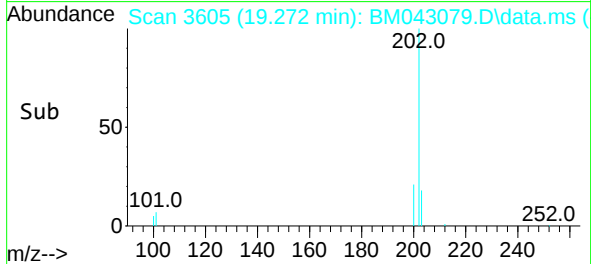
Instrument :
BNA_M
ClientSampleId :
C0AH4



Tgt Ion:202 Resp: 6892
Ion Ratio Lower Upper
202 100
101 8.0 7.8 11.8
100 6.5 7.1 10.7

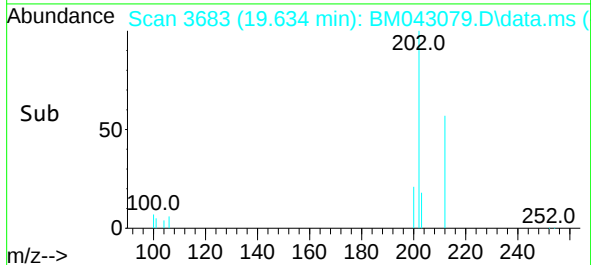
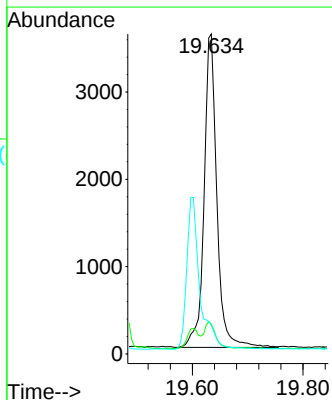
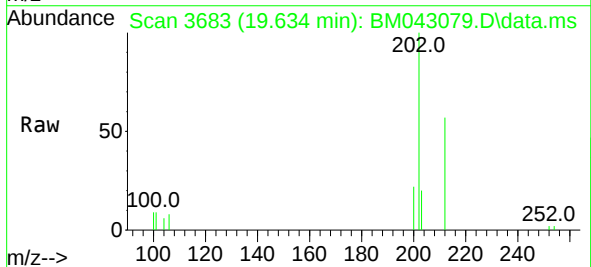
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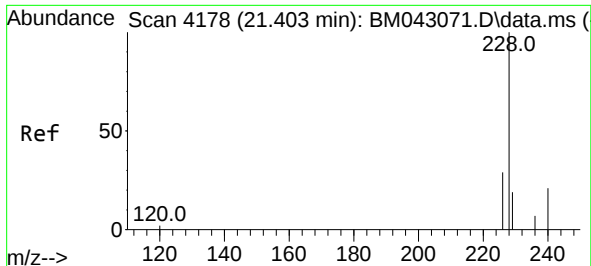
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#20
Pyrene
Concen: 0.405 ng/u1
RT: 19.634 min Scan# 3683
Delta R.T. -0.026 min
Lab File: BM043079.D
Acq: 28 Nov 2023 19:33

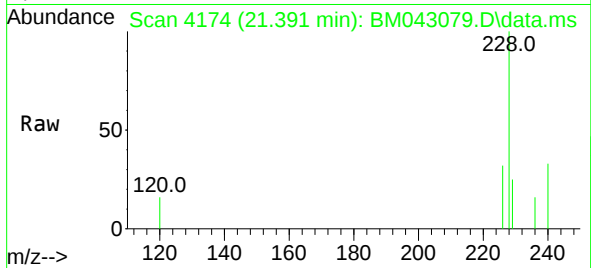
Tgt Ion:202 Resp: 5763
Ion Ratio Lower Upper
202 100
101 9.3 8.7 13.1
100 8.9 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.307 ng/u1
RT: 21.391 min Scan# 4178
Delta R.T. -0.021 min
Lab File: BM043079.D
Acq: 28 Nov 2023 19:33

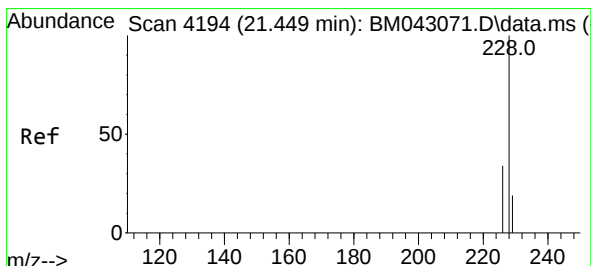
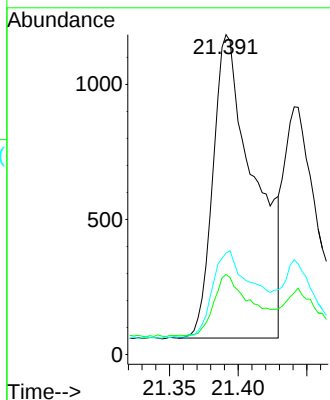
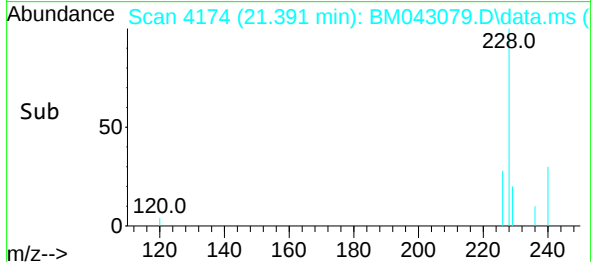
Instrument :
BNA_M
ClientSampleId :
C0AH4



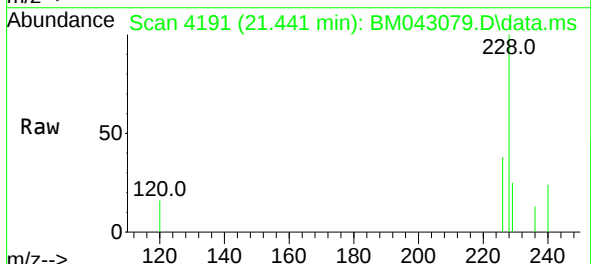
Tgt Ion:228 Resp: 234
Ion Ratio Lower Upper
228 100
229 25.0 19.4 29.0
226 31.8 24.9 37.3

Manual Integrations
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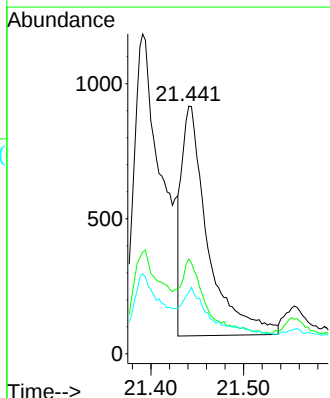
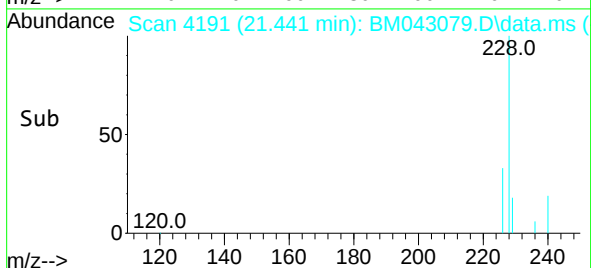
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

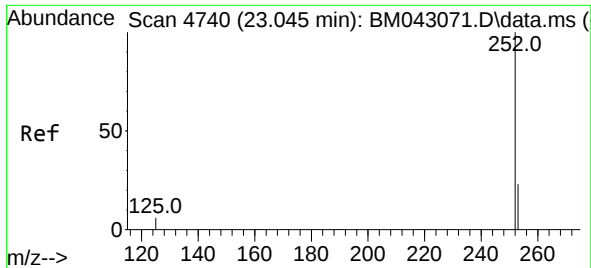


#22
Chrysene
Concen: 0.116 ng/u1
RT: 21.441 min Scan# 4191
Delta R.T. -0.018 min
Lab File: BM043079.D
Acq: 28 Nov 2023 19:33



Tgt Ion:228 Resp: 1659
Ion Ratio Lower Upper
228 100
226 38.3 27.2 40.8
229 24.9 18.0 27.0





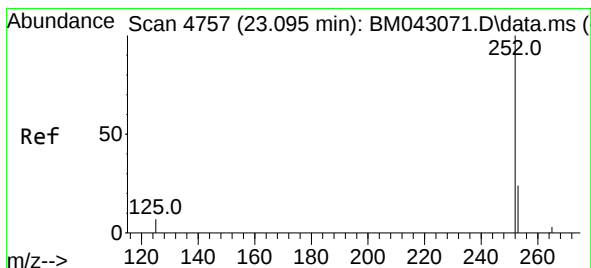
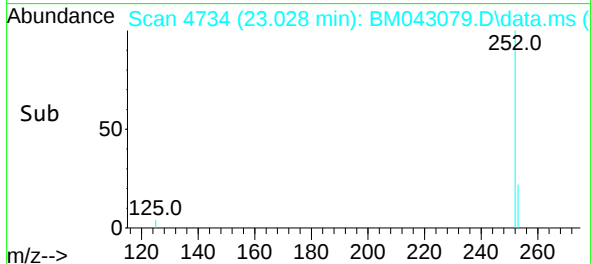
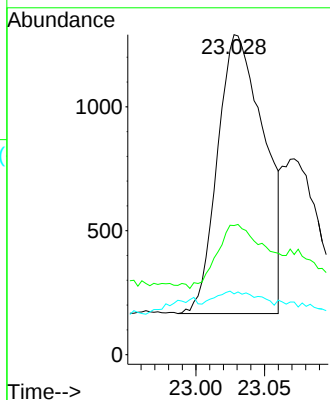
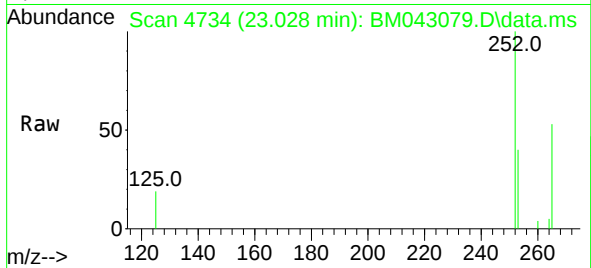
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Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. -0.024 min
Lab File: BM043079.D
Acq: 28 Nov 2023 19:33

Instrument :
BNA_M
ClientSampleId :
C0AH4

Tgt Ion:252 Resp: 2652
Ion Ratio Lower Upper
252 100
253 40.4 0.0 71.8
125 19.0 0.0 29.0

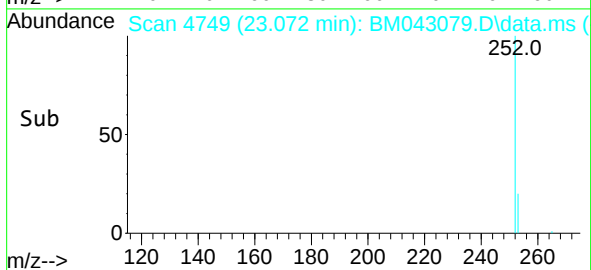
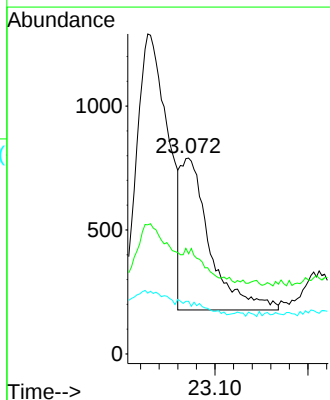
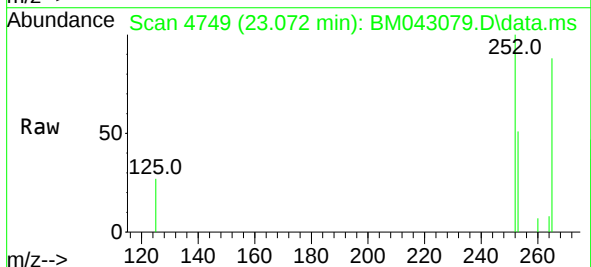
Manual Integrations
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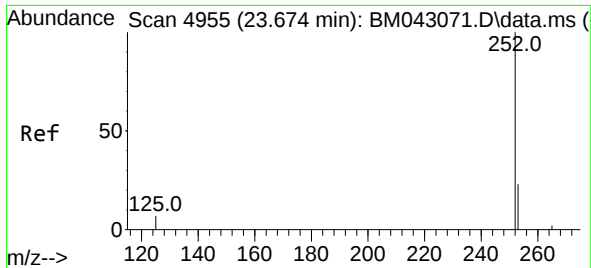
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#25
Benzo(k)fluoranthene
Concen: 0.139 ng/ul m
RT: 23.072 min Scan# 4749
Delta R.T. -0.027 min
Lab File: BM043079.D
Acq: 28 Nov 2023 19:33

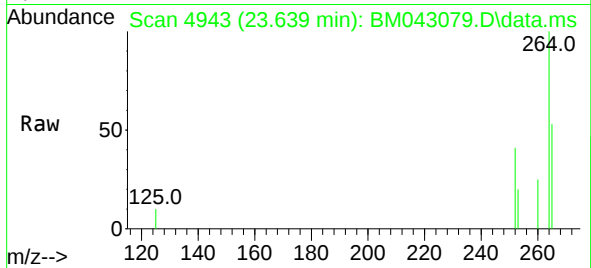
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Ion Ratio Lower Upper
252 100
253 51.1 28.2 42.2#
125 26.8 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.221 ng/ul
RT: 23.639 min Scan# 4955
Delta R.T. -0.047 min
Lab File: BM043079.D
Acq: 28 Nov 2023 19:33

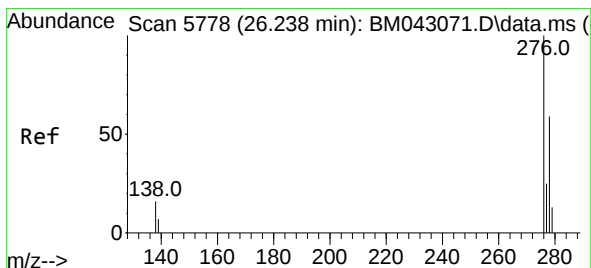
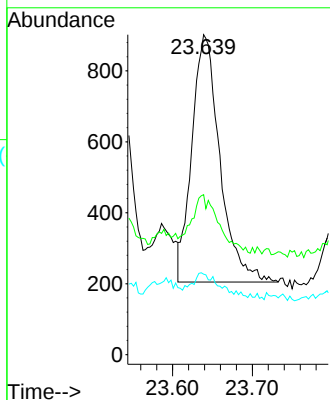
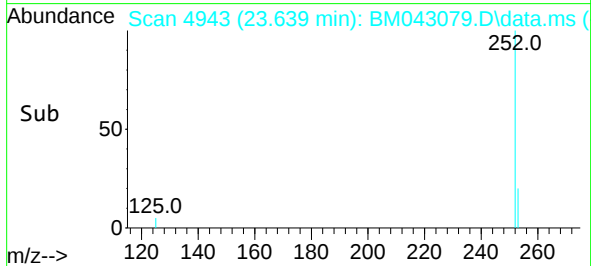
Instrument :
BNA_M
ClientSampleId :
C0AH4



Tgt Ion:252 Resp: 170
Ion Ratio Lower Upper
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253 50.0 36.6 55.0
125 25.2 16.2 24.4

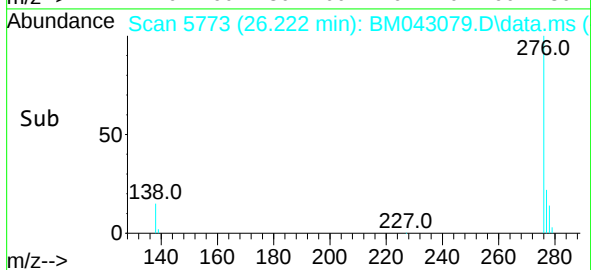
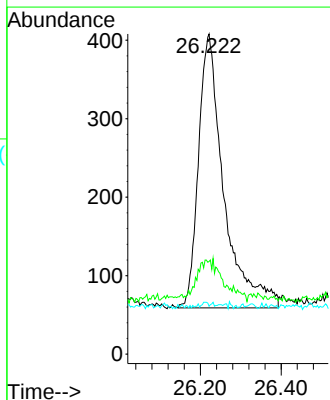
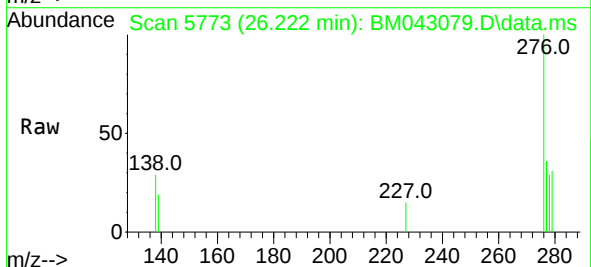
Manual Integrations
APPROVED

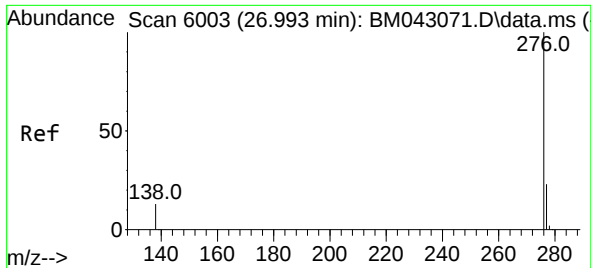
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.146 ng/ul
RT: 26.222 min Scan# 5773
Delta R.T. -0.017 min
Lab File: BM043079.D
Acq: 28 Nov 2023 19:33

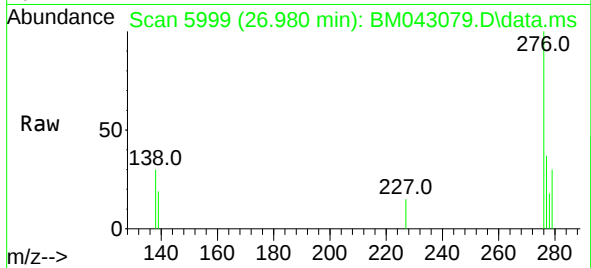
Tgt Ion:276 Resp: 1516
Ion Ratio Lower Upper
276 100
138 16.1 0.0 0.0#
227 0.3 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.148 ng/ul
RT: 26.980 min Scan# 5999
Delta R.T. -0.030 min
Lab File: BM043079.D
Acq: 28 Nov 2023 19:33

Instrument :
BNA_M
ClientSampleId :
C0AH4



Tgt Ion:276 Resp: 1498
Ion Ratio Lower Upper
276 100
138 30.2 17.8 26.8
277 36.6 23.8 35.8

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