

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011223\
 Data File : BN023635.D
 Acq On : 12 Jan 2023 08:25
 Operator : CG/JU
 Sample : 01094-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 STOCKPILE-B

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/12/2023
 Supervised By : Jagrut Upadhyay 01/12/2023

Quant Time: Jan 12 08:53:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 00:22:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	4763	0.400	ng	0.00
7) Naphthalene-d8	10.754	136	14631	0.400	ng	#-0.01
13) Acenaphthene-d10	14.591	164	8367	0.400	ng	0.00
19) Phenanthrene-d10	17.340	188	18174	0.400	ng	0.00
29) Chrysene-d12	21.536	240	17091	0.400	ng	0.00
35) Perylene-d12	23.957	264	15131	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.493	112	2859	0.302	ng	0.00
5) Phenol-d6	7.103	99	3686	0.303	ng	0.00
8) Nitrobenzene-d5	9.110	82	2380	0.216	ng	0.00
11) 2-Methylnaphthalene-d10	12.348	152	4424	0.219	ng	0.00
14) 2,4,6-Tribromophenol	16.086	330	851	0.235	ng	0.00
15) 2-Fluorobiphenyl	13.223	172	7088	0.210	ng	0.00
27) Fluoranthene-d10	19.376	212	9433	0.212	ng	0.00
31) Terphenyl-d14	19.970	244	9599	0.222	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.377	178	3446	0.065	ng	98
28) Fluoranthene	19.405	202	9524	0.158	ng	97
30) Pyrene	19.768	202	9871	0.151	ng	# 95
32) Benzo(a)anthracene	21.518	228	5336	0.097	ng	# 91
33) Chrysene	21.571	228	6850	0.113	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.437	149	9492	0.368	ng	100
36) Indeno(1,2,3-cd)pyrene	26.477	276	3107	0.046	ng	# 93
37) Benzo(b)fluoranthene	23.214	252	7346	0.114	ng	# 53
38) Benzo(k)fluoranthene	23.261	252	2702m	0.043	ng	
39) Benzo(a)pyrene	23.846	252	4511	0.093	ng	# 64
41) Benzo(g,h,i)perylene	27.258	276	3453	0.062	ng	# 79

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

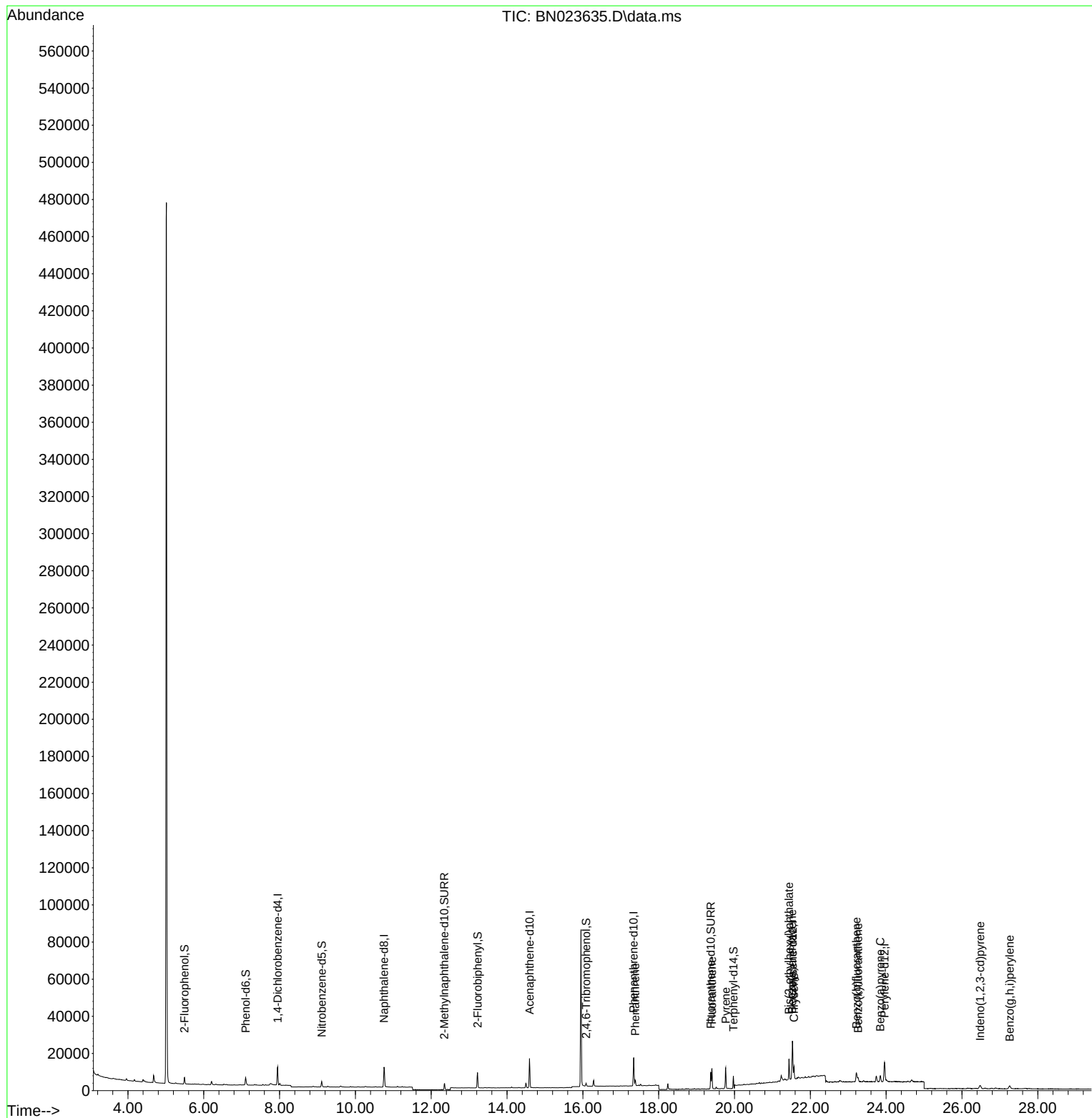
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011223\
Data File : BN023635.D
Acq On : 12 Jan 2023 08:25
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Sample : 01094-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

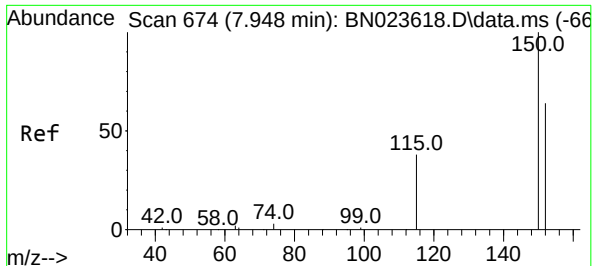
Instrument :
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Quant Time: Jan 12 08:53:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
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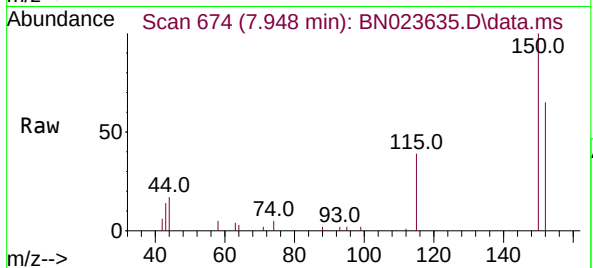
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.948 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25

Instrument :

BNA_N

ClientSampleId :

STOCKPILE-B

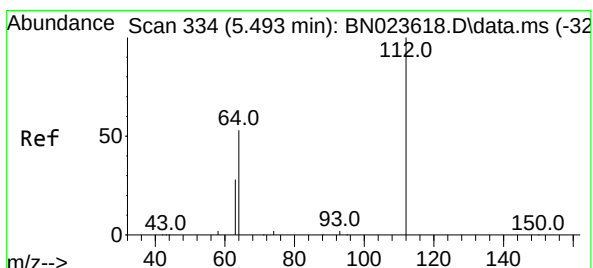
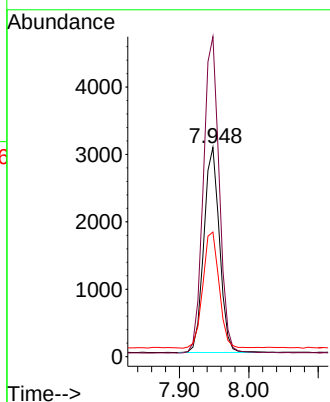
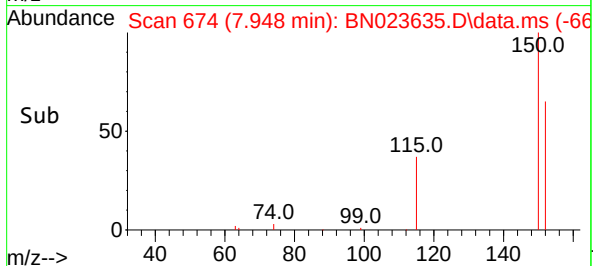


Tgt Ion:152 Resp: 4763
Ion Ratio Lower Upper
152 100
150 152.9 123.8 185.8
115 59.5 50.6 75.8

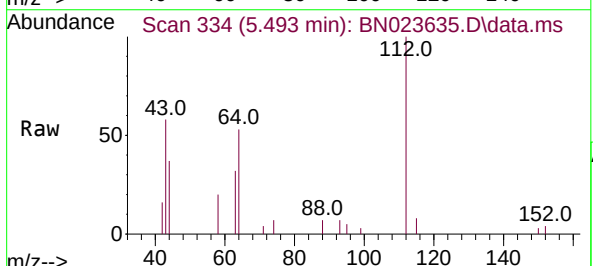
Manual Integrations

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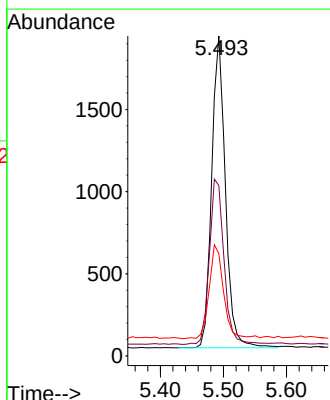
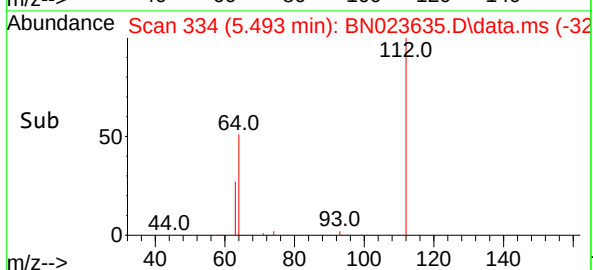
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

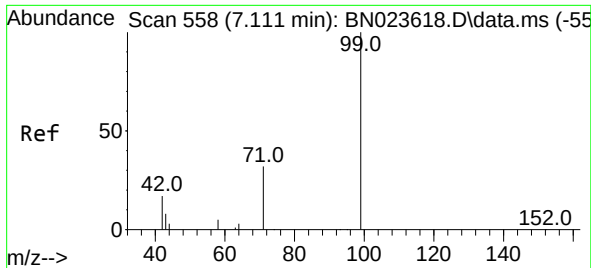


#4
2-Fluorophenol
Concen: 0.302 ng
RT: 5.493 min Scan# 334
Delta R.T. -0.000 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25



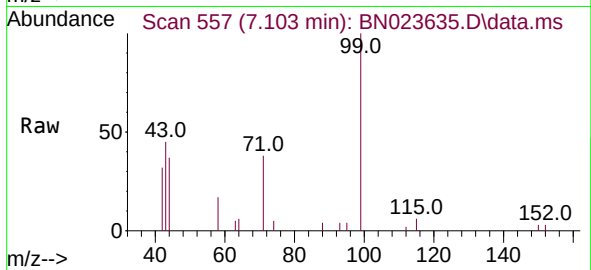
Tgt Ion:112 Resp: 2859
Ion Ratio Lower Upper
112 100
64 56.9 44.9 67.3
63 31.8 24.9 37.3





#5
Phenol-d6
Concen: 0.303 ng
RT: 7.103 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25

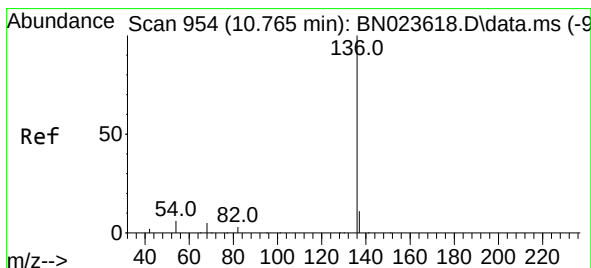
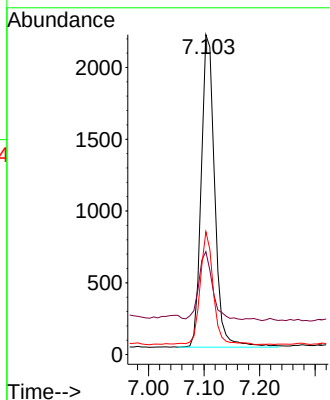
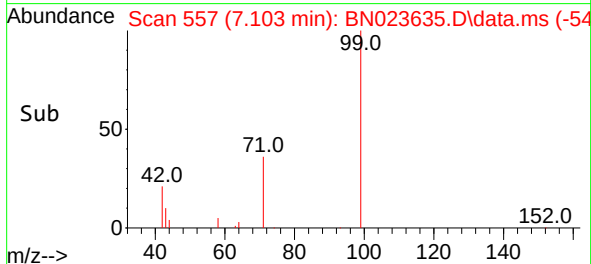
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-B



Tgt Ion: 99 Resp: 3686
Ion Ratio Lower Upper
99 100
42 22.2 18.8 28.2
71 34.7 28.2 42.4

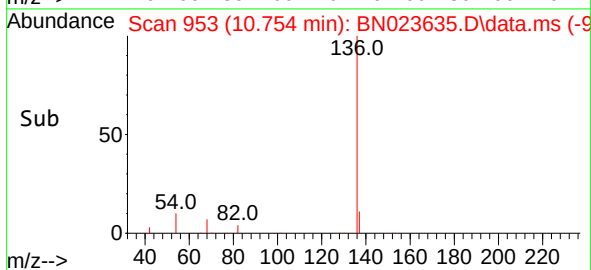
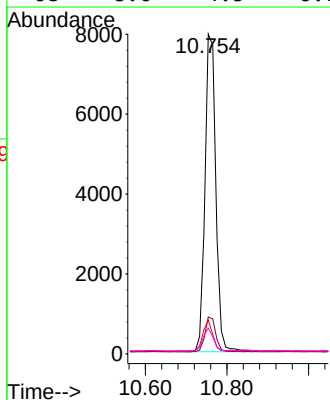
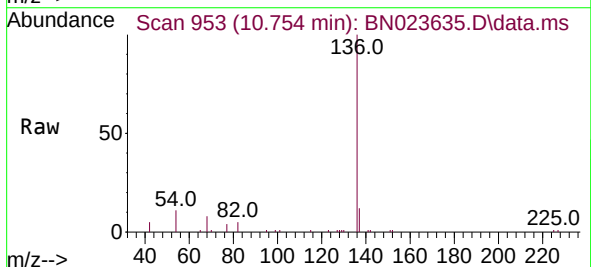
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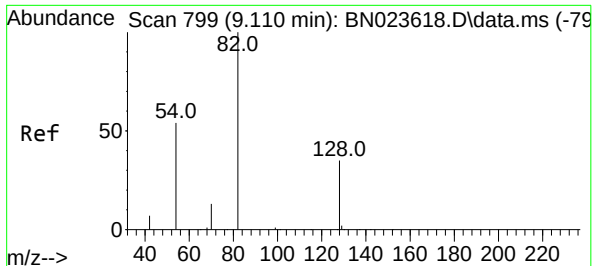
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.754 min Scan# 953
Delta R.T. -0.011 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25

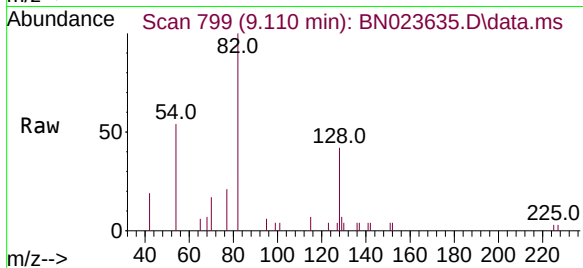
Tgt Ion:136 Resp: 14631
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 10.6 5.7 8.5#
68 8.0 4.5 6.7#





#8
Nitrobenzene-d5
Concen: 0.216 ng
RT: 9.110 min Scan# 799
Delta R.T. -0.000 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25

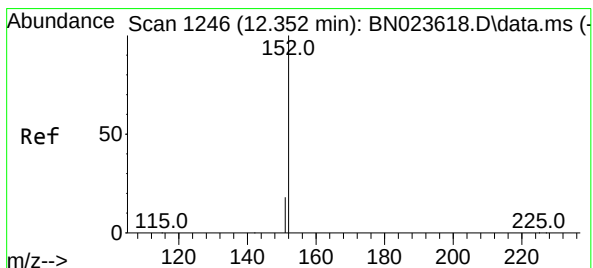
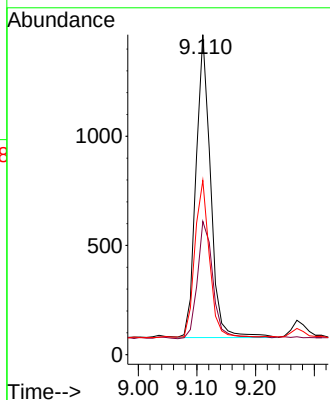
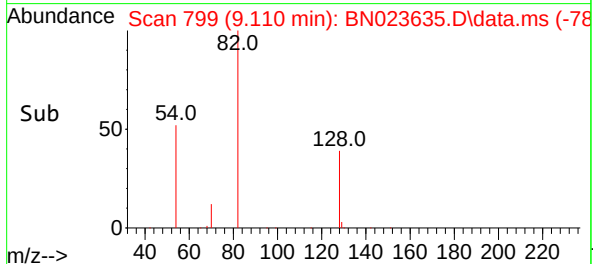
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-B



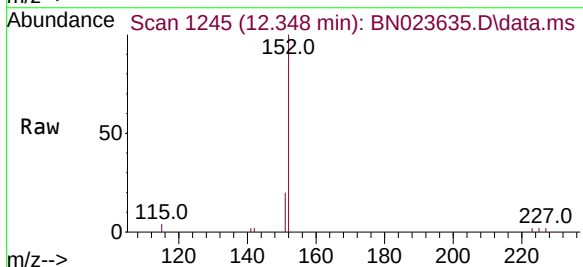
Tgt Ion: 82 Resp: 2380
Ion Ratio Lower Upper
82 100
128 41.6 29.8 44.8
54 54.4 43.9 65.9

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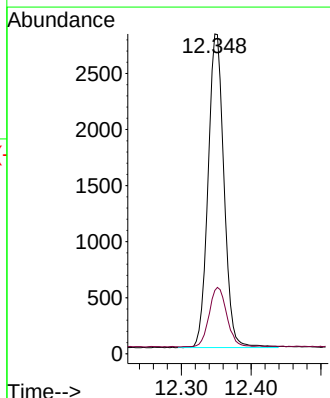
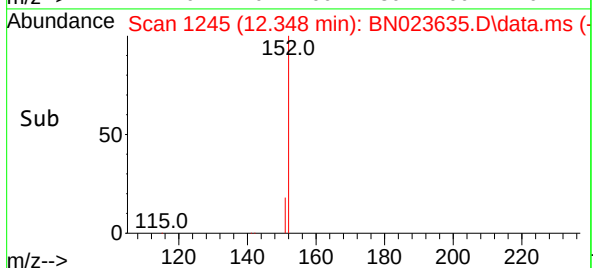
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

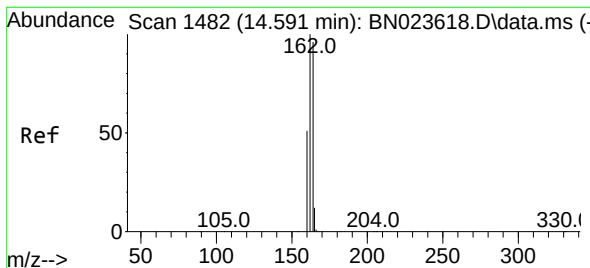


#11
2-Methylnaphthalene-d10
Concen: 0.219 ng
RT: 12.348 min Scan# 1245
Delta R.T. -0.004 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25



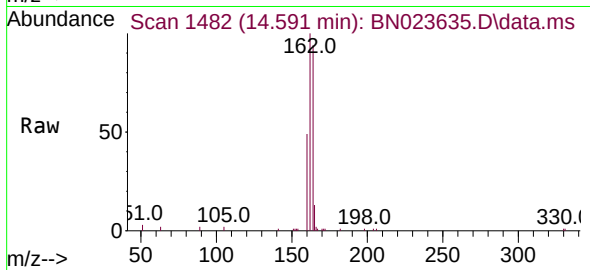
Tgt Ion:152 Resp: 4424
Ion Ratio Lower Upper
152 100
151 21.1 16.9 25.3





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.591 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25

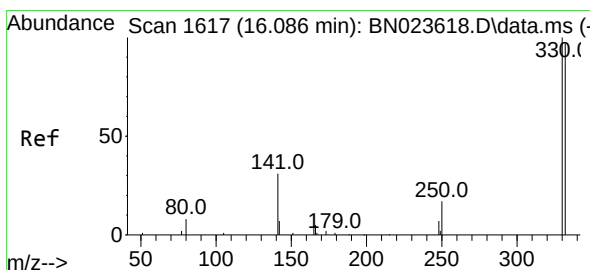
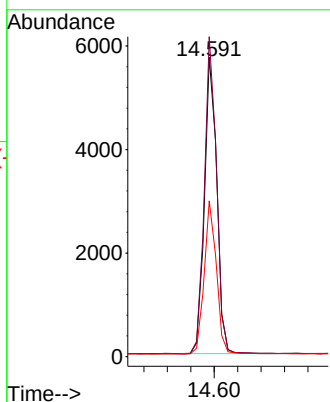
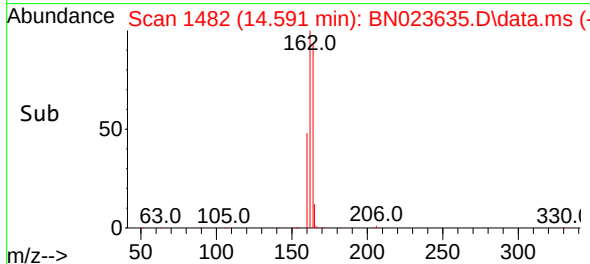
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-B



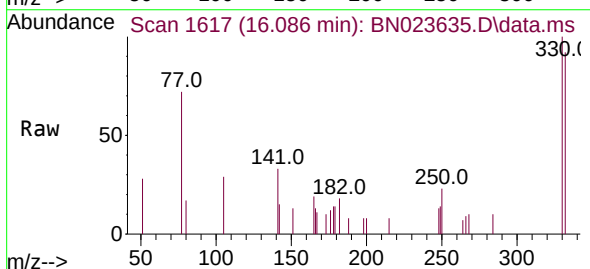
Tgt Ion:164 Resp: 836
Ion Ratio Lower Upper
164 100
162 106.9 83.4 125.2
160 52.0 42.7 64.1

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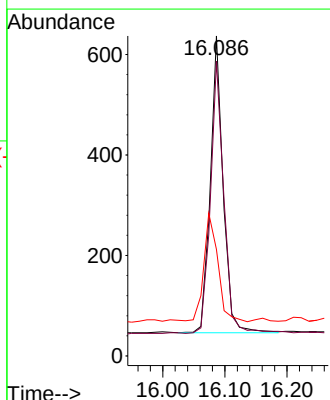
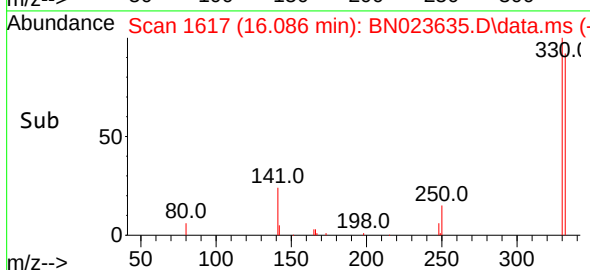
Reviewed By :Christian Giraldo 01/12/2023
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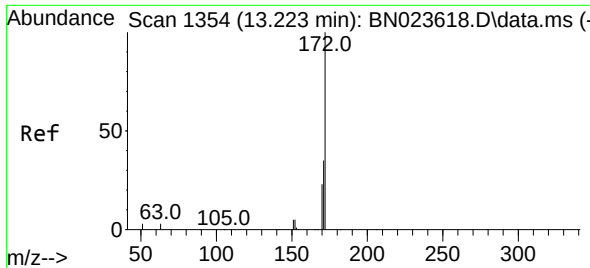


#14
2,4,6-Tribromophenol
Concen: 0.235 ng
RT: 16.086 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25



Tgt Ion:330 Resp: 851
Ion Ratio Lower Upper
330 100
332 94.8 78.1 117.1
141 39.6 33.4 50.0





#15
2-Fluorobiphenyl
Concen: 0.210 ng
RT: 13.223 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25

Instrument :

BNA_N

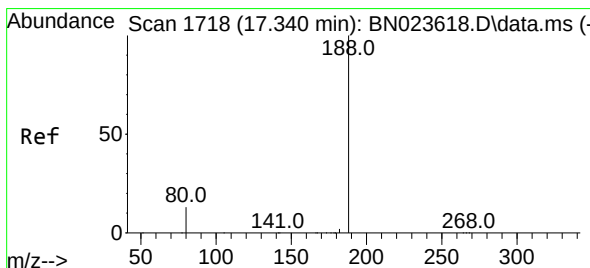
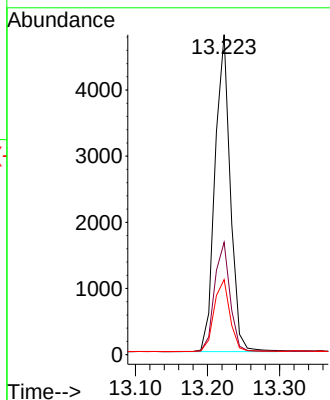
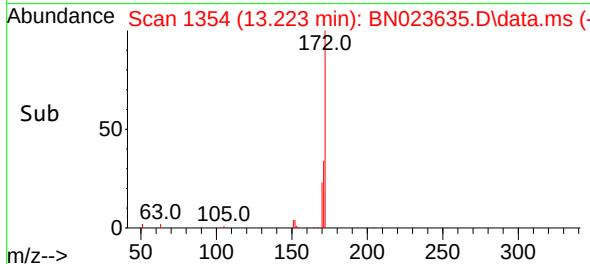
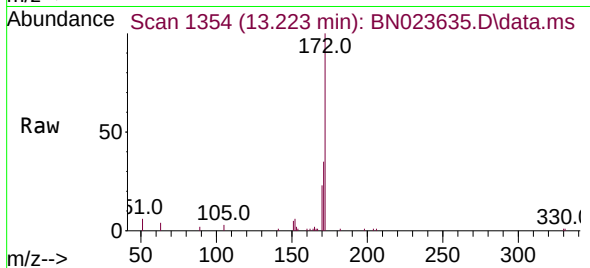
ClientSampleId :

STOCKPILE-B

Tgt Ion:172 Resp: 7088
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.4 19.0 28.4

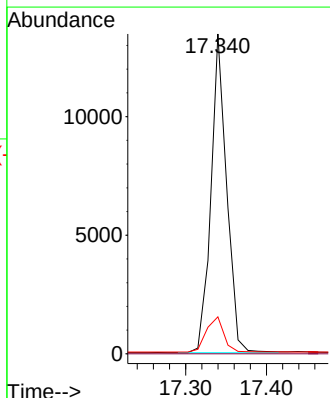
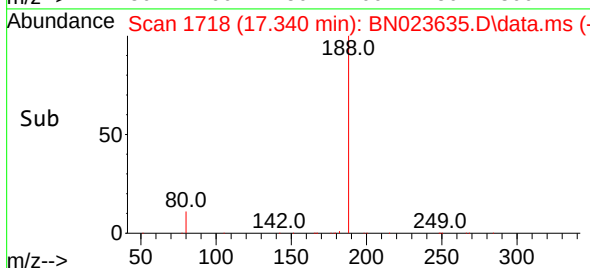
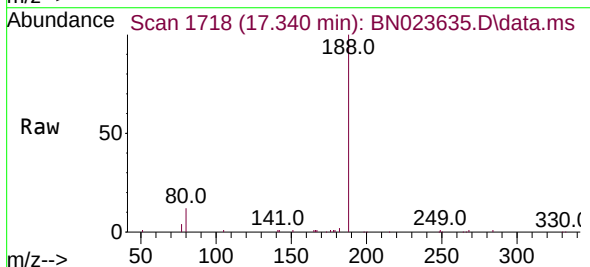
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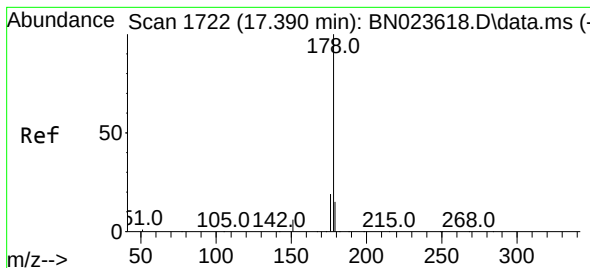
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.340 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25

Tgt Ion:188 Resp: 18174
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 11.0 16.4





#25

Phenanthrene

Concen: 0.065 ng

RT: 17.377 min Scan# 1721

Delta R.T. -0.012 min

Lab File: BN023635.D

Acq: 12 Jan 2023 08:25

Instrument :

BNA_N

ClientSampleId :

STOCKPILE-B

Tgt Ion:178 Resp: 3446

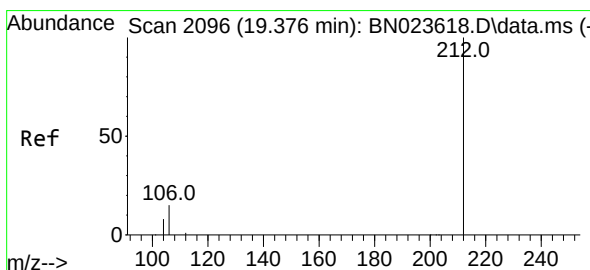
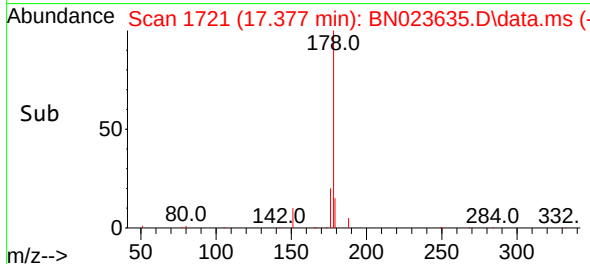
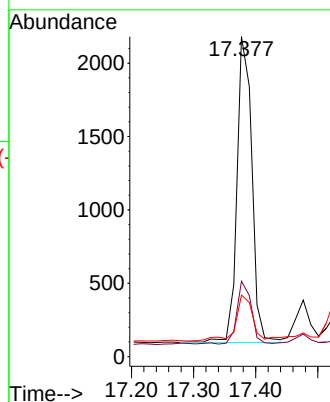
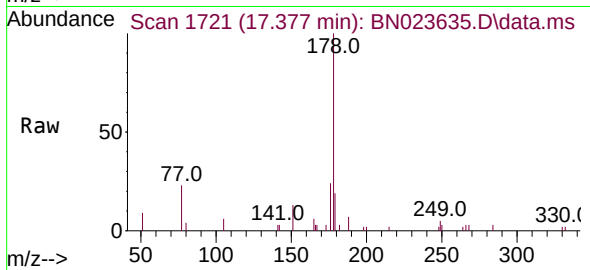
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	17.9	12.5	18.7

Manual Integrations

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#27

Fluoranthene-d10

Concen: 0.212 ng

RT: 19.376 min Scan# 2096

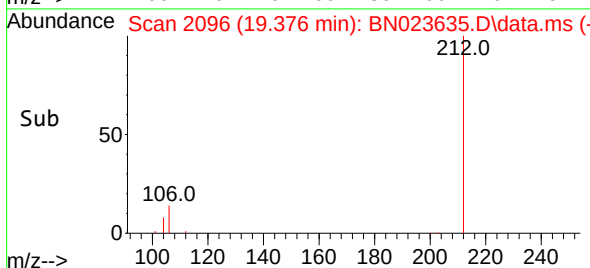
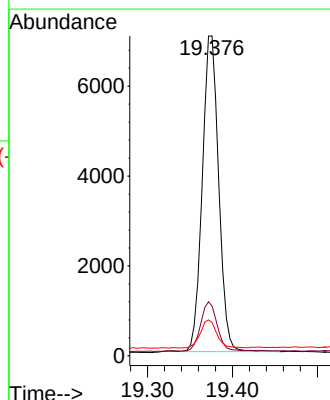
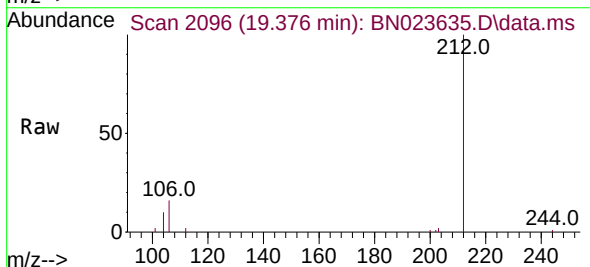
Delta R.T. -0.000 min

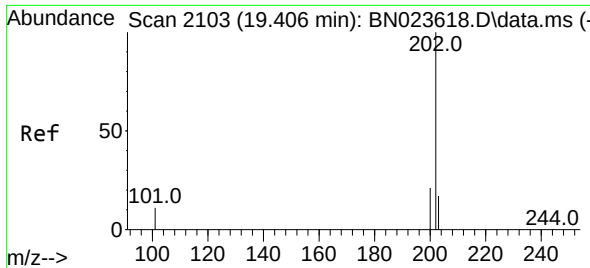
Lab File: BN023635.D

Acq: 12 Jan 2023 08:25

Tgt Ion:212 Resp: 9433

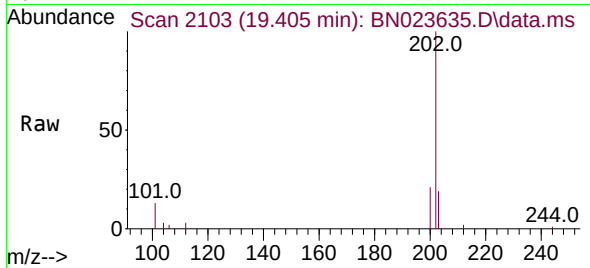
Ion	Ratio	Lower	Upper
212	100		
106	16.1	12.2	18.4
104	8.8	7.1	10.7





#28
Fluoranthene
Concen: 0.158 ng
RT: 19.405 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25

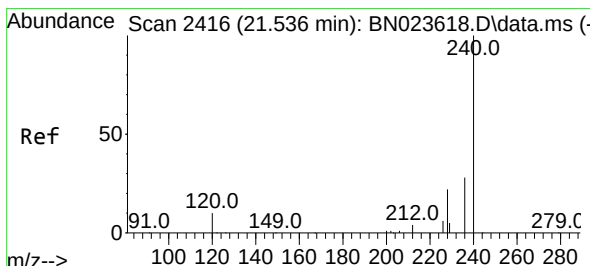
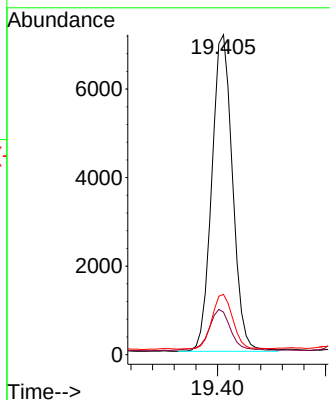
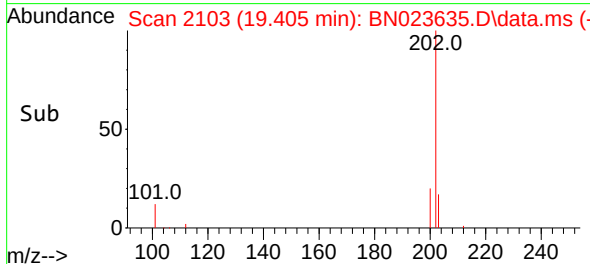
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-B



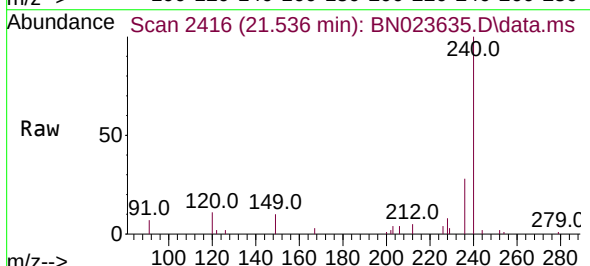
Tgt Ion:202 Resp: 9524
Ion Ratio Lower Upper
202 100
101 14.4 9.7 14.5
203 17.4 13.8 20.6

Manual Integrations
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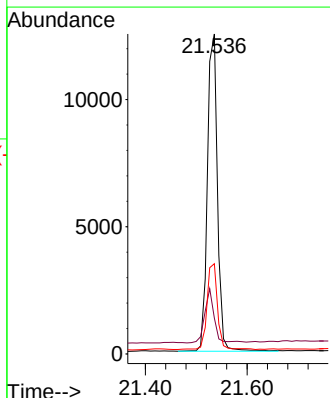
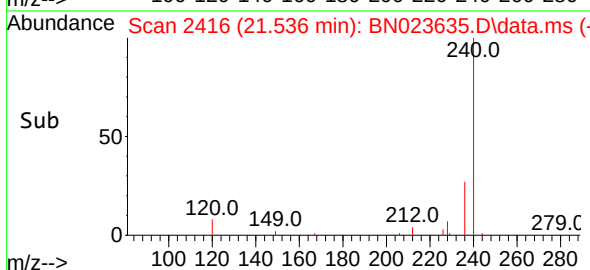
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

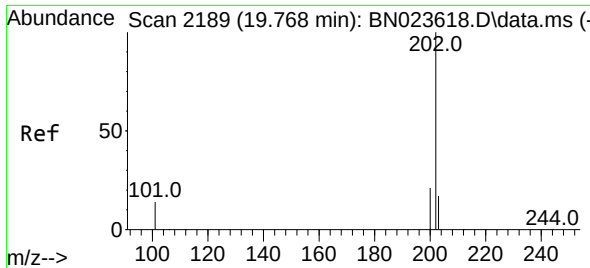


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.536 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25



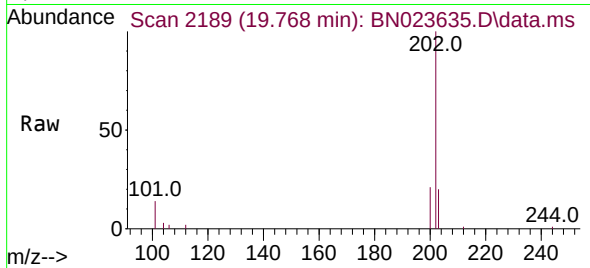
Tgt Ion:240 Resp: 17091
Ion Ratio Lower Upper
240 100
120 11.2 10.6 15.8
236 28.2 23.0 34.6





#30
Pyrene
Concen: 0.151 ng
RT: 19.768 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25

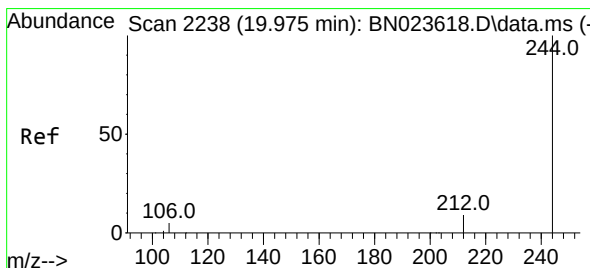
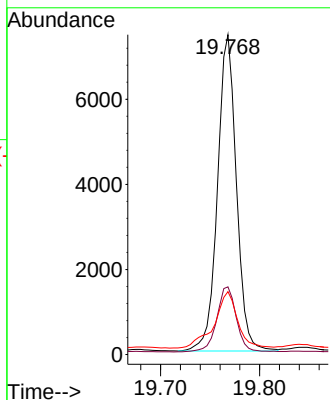
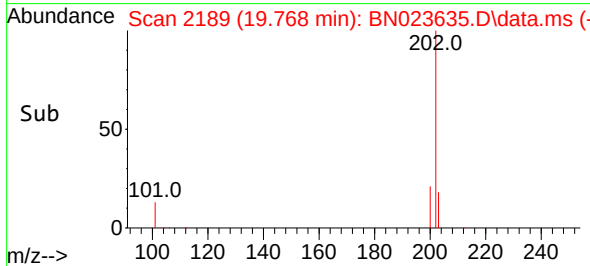
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-B



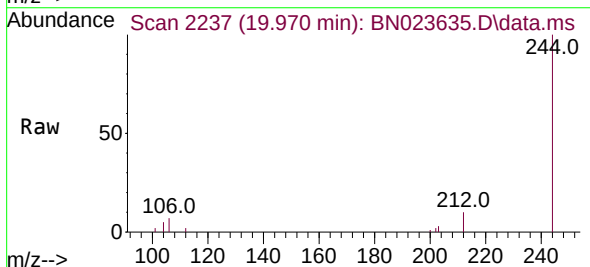
Tgt Ion:202 Resp: 987
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 22.0 14.2 21.2

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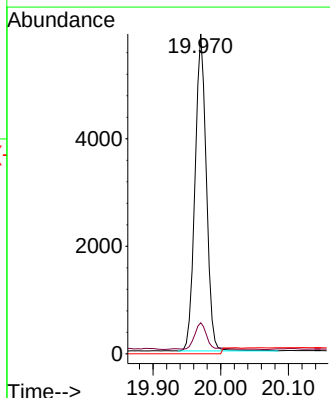
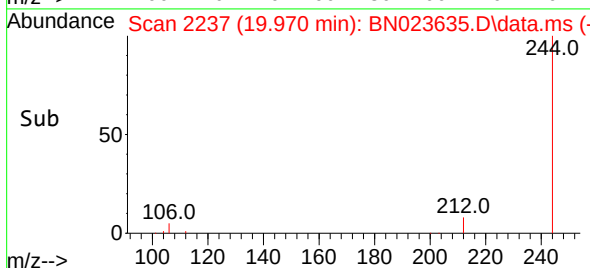
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

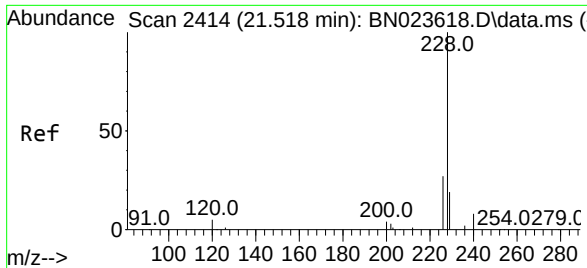


#31
Terphenyl-d14
Concen: 0.222 ng
RT: 19.970 min Scan# 2237
Delta R.T. -0.004 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25



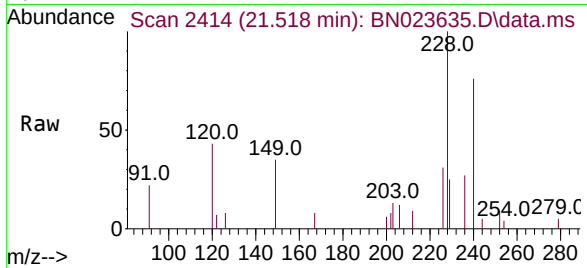
Tgt Ion:244 Resp: 9599
Ion Ratio Lower Upper
244 100
212 9.7 7.5 11.3
122 0.0 0.0 0.0





#32
Benzo(a)anthracene
Concen: 0.097 ng
RT: 21.518 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25

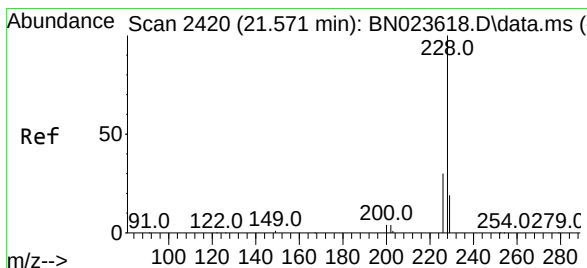
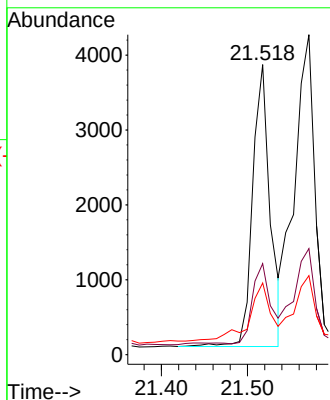
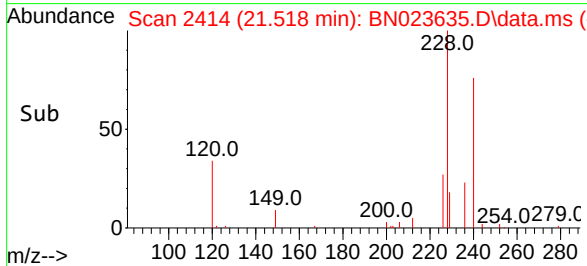
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-B



Tgt Ion:228 Resp: 5336
Ion Ratio Lower Upper
228 100
226 31.4 22.2 33.2
229 24.7 15.7 23.5

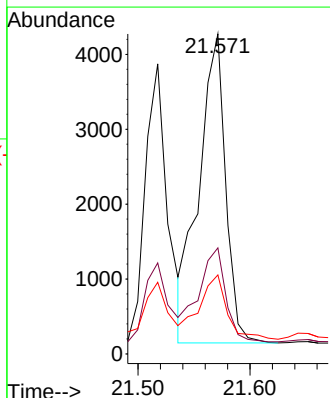
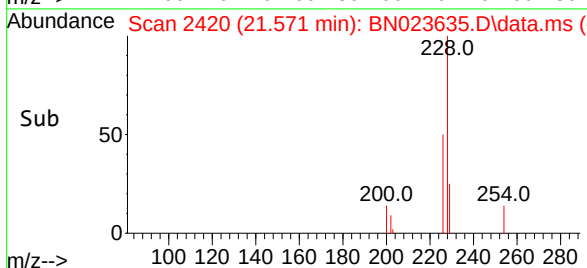
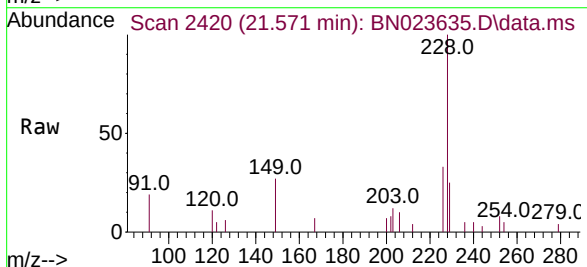
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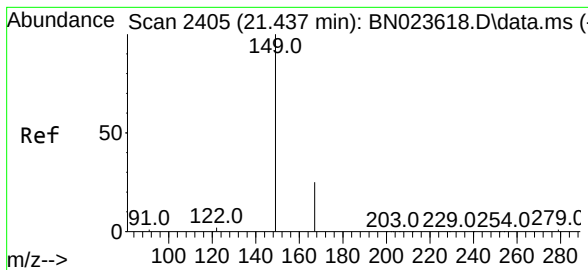
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#33
Chrysene
Concen: 0.113 ng
RT: 21.571 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25

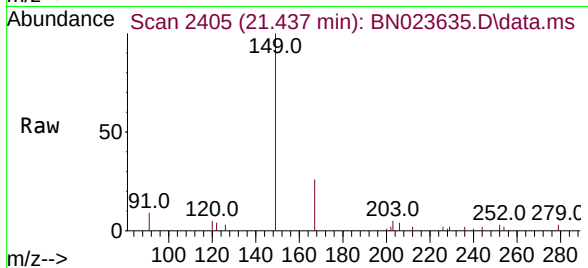
Tgt Ion:228 Resp: 6850
Ion Ratio Lower Upper
228 100
226 33.2 24.4 36.6
229 24.7 15.6 23.4





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.368 ng
 RT: 21.437 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: BN023635.D
 Acq: 12 Jan 2023 08:25

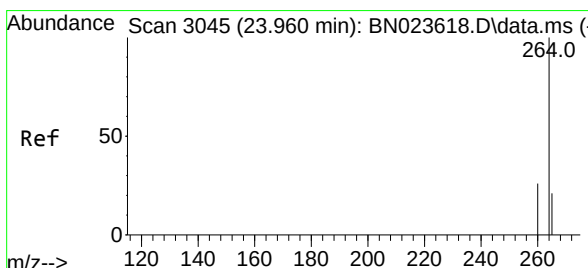
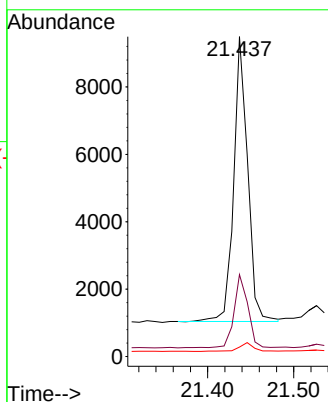
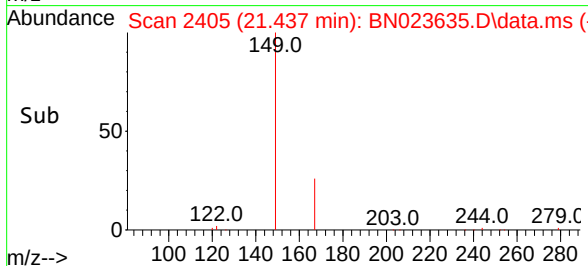
Instrument :
 BNA_N
 ClientSampleId :
 STOCKPILE-B



Tgt Ion:149 Resp: 9492
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.6 30.8
 279 3.4 2.6 4.0

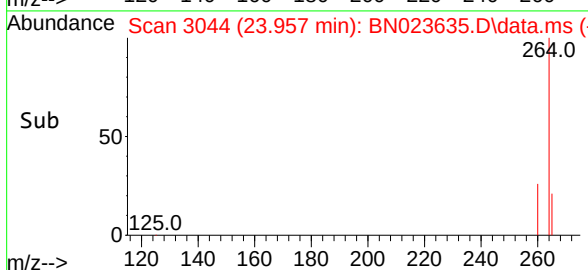
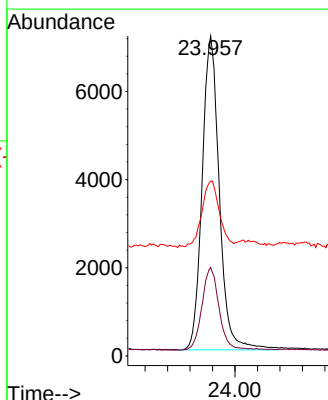
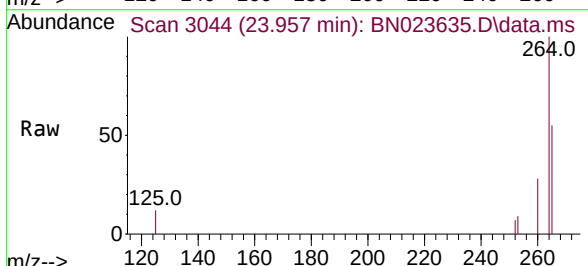
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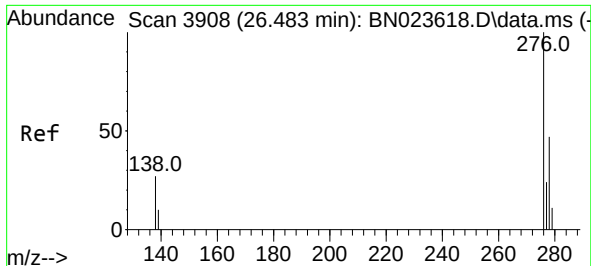
Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.957 min Scan# 3044
 Delta R.T. -0.003 min
 Lab File: BN023635.D
 Acq: 12 Jan 2023 08:25

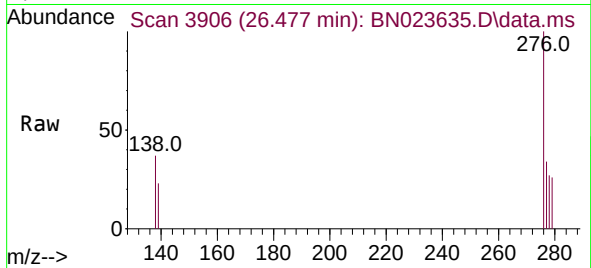
Tgt Ion:264 Resp: 15131
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.4 32.2
 265 54.6 56.6 85.0#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.046 ng
RT: 26.477 min Scan# 3908
Delta R.T. -0.006 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25

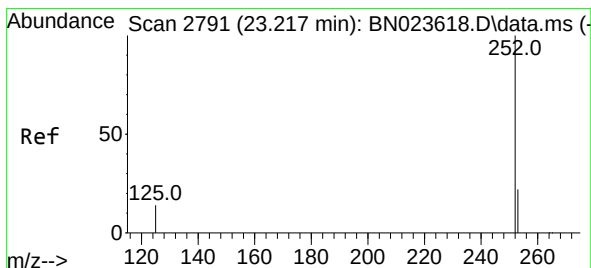
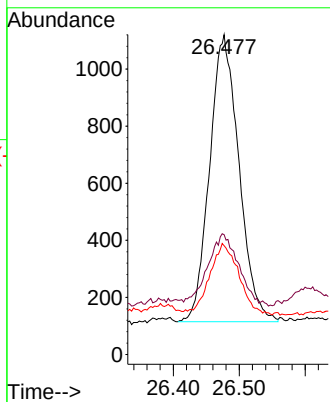
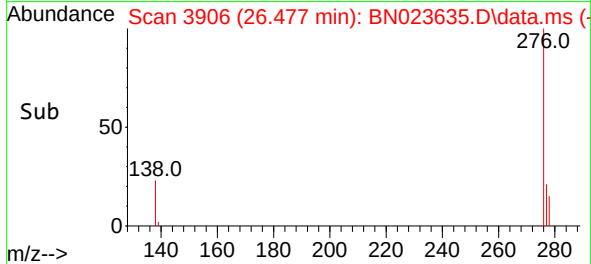
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-B



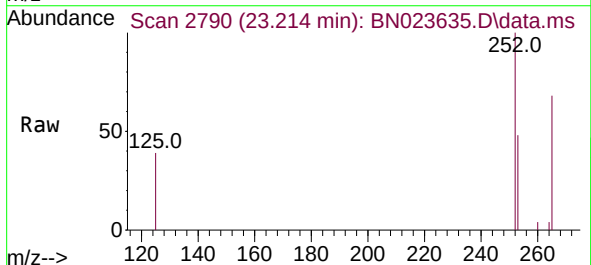
Tgt Ion:276 Resp: 3107
Ion Ratio Lower Upper
276 100
138 23.5 23.8 35.8#
277 24.9 19.8 29.6#

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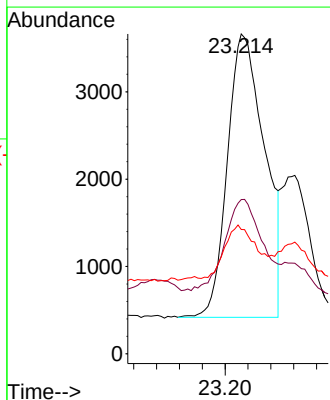
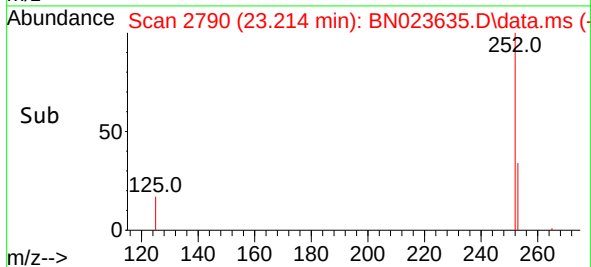
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

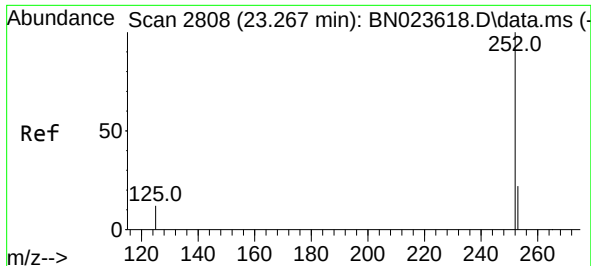


#37
Benzo(b)fluoranthene
Concen: 0.114 ng
RT: 23.214 min Scan# 2790
Delta R.T. -0.003 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25



Tgt Ion:252 Resp: 7346
Ion Ratio Lower Upper
252 100
253 48.2 20.0 30.0#
125 38.9 14.4 21.6#





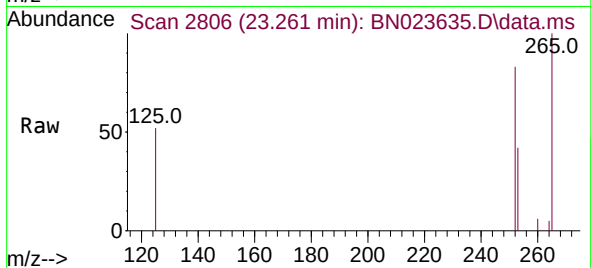
#38
Benzo(k)fluoranthene
Concen: 0.043 ng m
RT: 23.261 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25

Instrument :

BNA_N

ClientSampleId :

STOCKPILE-B

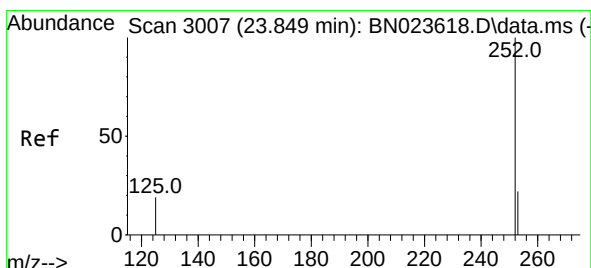
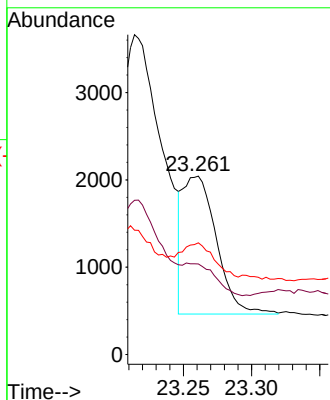
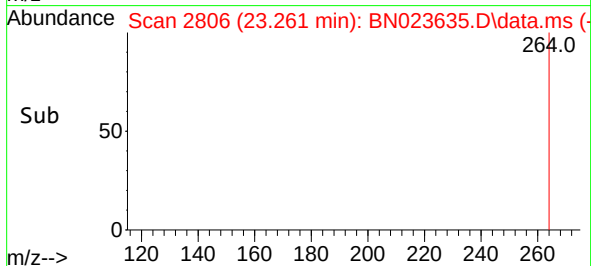


Tgt Ion:252 Resp: 2702
Ion Ratio Lower Upper
252 100
253 50.8 20.2 30.2#
125 62.6 13.0 19.4#

Manual Integrations

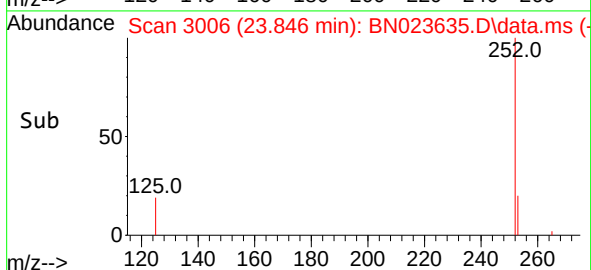
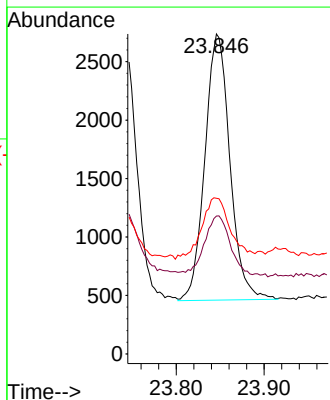
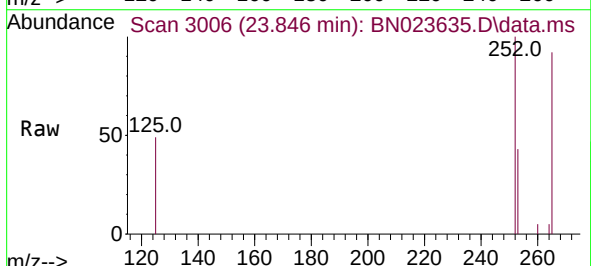
APPROVED

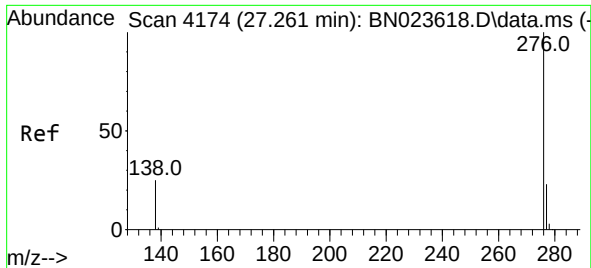
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#39
Benzo(a)pyrene
Concen: 0.093 ng
RT: 23.846 min Scan# 3006
Delta R.T. -0.003 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25

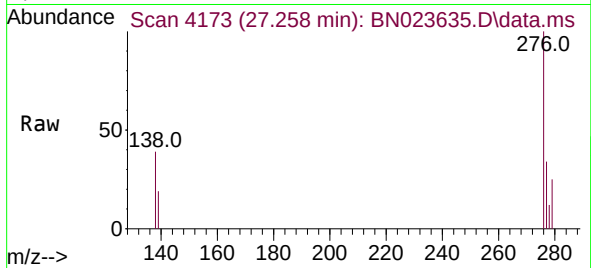
Tgt Ion:252 Resp: 4511
Ion Ratio Lower Upper
252 100
253 43.1 22.3 33.5#
125 48.6 21.2 31.8#





#41
Benzo(g,h,i)perylene
Concen: 0.062 ng
RT: 27.258 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN023635.D
Acq: 12 Jan 2023 08:25

Instrument :
BNA_N
ClientSampleId :
STOCKPILE-B



Tgt Ion: 276 Resp: 345
Ion Ratio Lower Upper
276 100
277 34.2 19.6 29.4
138 38.6 21.5 32.3

Manual Integrations
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Reviewed By : Christian Giraldo 01/12/2023
Supervised By : Jagrut Upadhyay 01/12/2023

