

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033450.D
 Acq On : 17 Aug 2024 03:37
 Operator : MA/JU
 Sample : P3580-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 926-K1-SD-0.5-1-081224

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2024
 Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 17 04:22:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 04:44:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	7476	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	20630	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	10166	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	19833	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	14551	0.400	ng	0.00
35) Perylene-d12	23.320	264	15421	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	3270	0.158	ng	0.00
5) Phenol-d6	6.751	99	3936	0.141	ng	0.00
8) Nitrobenzene-d5	8.692	82	2598	0.167	ng	-0.01
11) 2-Methylnaphthalene-d10	11.922	152	4233	0.133	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	585	0.112	ng	-0.01
15) 2-Fluorobiphenyl	12.820	172	5950	0.143	ng	0.00
27) Fluoranthene-d10	18.984	212	6298	0.119	ng	0.00
31) Terphenyl-d14	19.602	244	4794	0.174	ng	0.00
Target Compounds						
25) Phenanthrene	16.991	178	2411	0.042	ng	97
28) Fluoranthene	19.017	202	8327	0.118	ng	99
30) Pyrene	19.379	202	7124	0.123	ng	# 95
32) Benzo(a)anthracene	21.131	228	4029	0.074	ng	96
33) Chrysene	21.184	228	4805	0.088	ng	95
34) Bis(2-ethylhexyl)phtha...	21.104	149	2129	0.086	ng	# 100
36) Indeno(1,2,3-cd)pyrene	25.478	276	4299	0.067	ng	93
37) Benzo(b)fluoranthene	22.677	252	8182	0.141	ng	# 65
38) Benzo(k)fluoranthene	22.718	252	2908m	0.049	ng	
39) Benzo(a)pyrene	23.227	252	5081	0.104	ng	# 55
41) Benzo(g,h,i)perylene	26.133	276	4601	0.082	ng	# 85

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

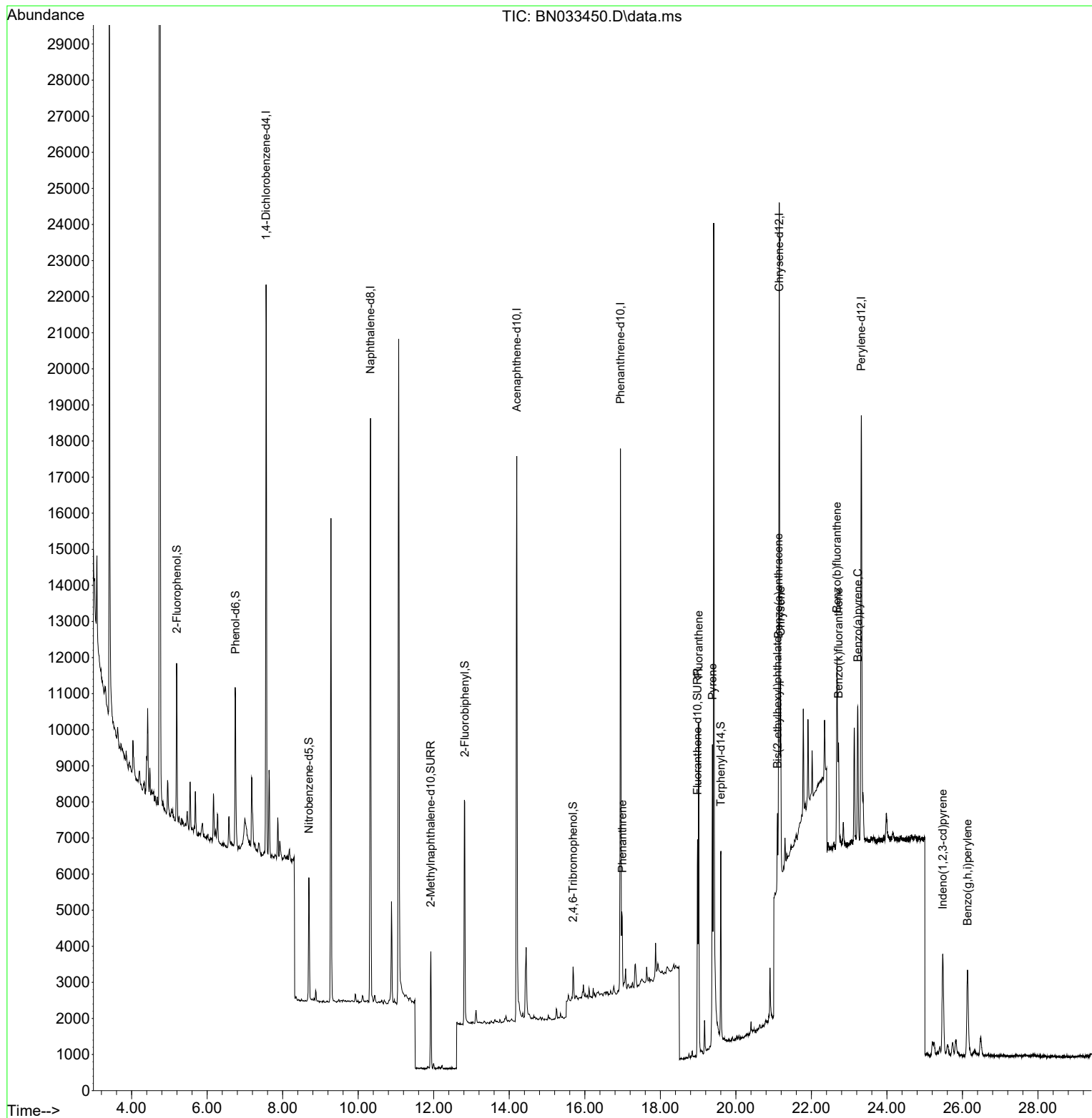
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033450.D
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Quant Time: Aug 17 04:22:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration

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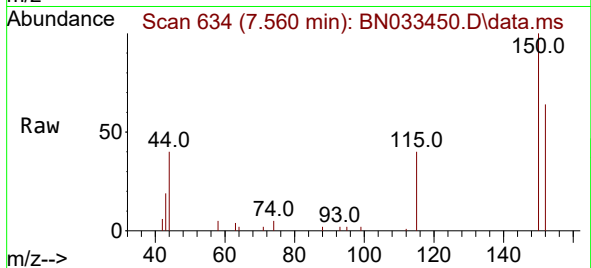
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.560 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

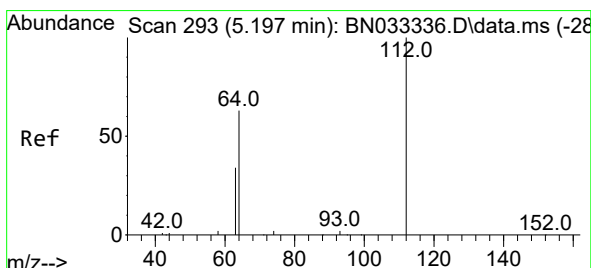
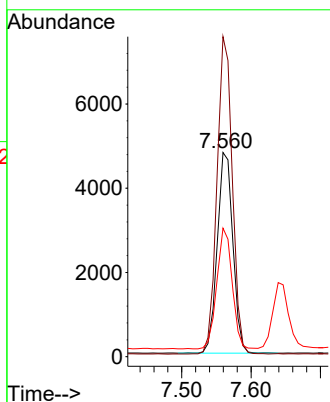
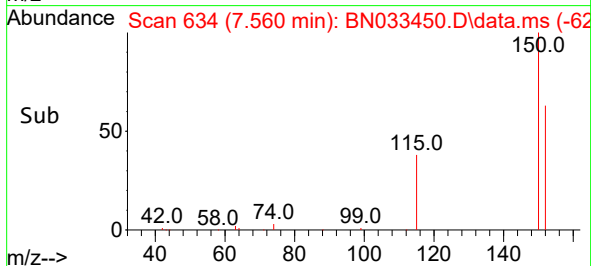
Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0.5-1-081224



Tgt Ion:152 Resp: 7470
Ion Ratio Lower Upper
152 100
150 156.7 122.3 183.5
115 62.9 48.8 73.2

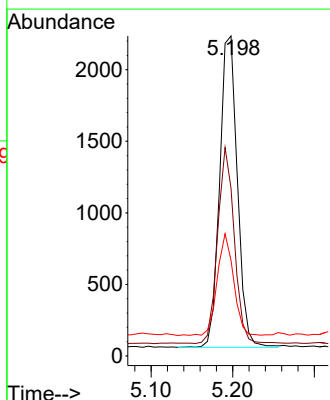
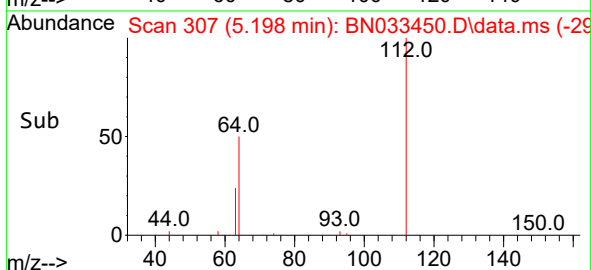
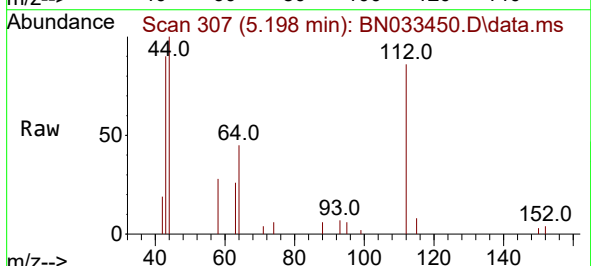
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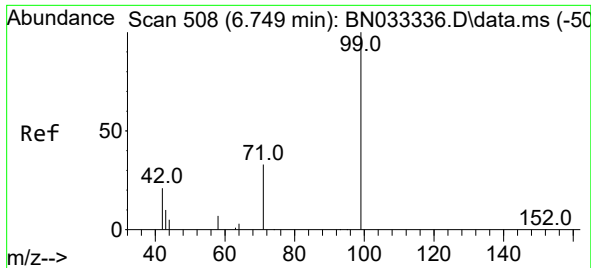
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.198 min Scan# 307
Delta R.T. 0.000 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

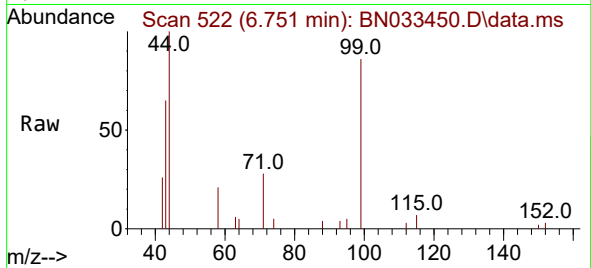
Tgt Ion:112 Resp: 3270
Ion Ratio Lower Upper
112 100
64 58.7 48.1 72.1
63 30.2 25.4 38.2





#5
Phenol-d6
Concen: 0.141 ng
RT: 6.751 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

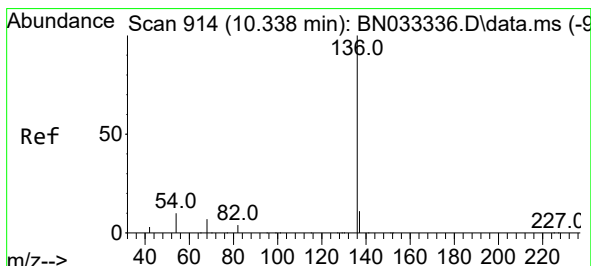
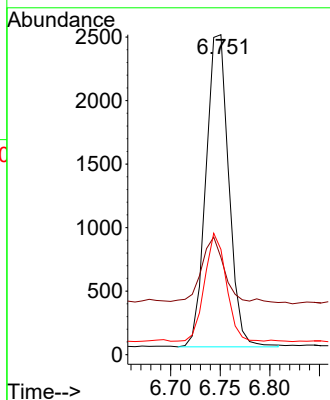
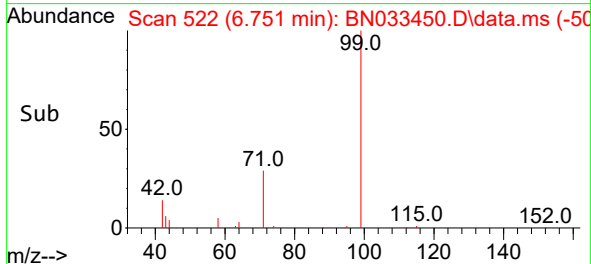
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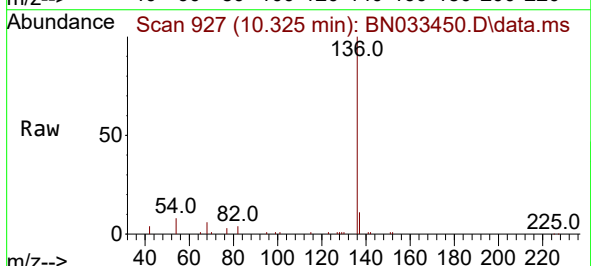
Tgt Ion: 99 Resp: 3930
Ion Ratio Lower Upper
99 100
42 19.7 18.5 27.7
71 32.8 26.2 39.2

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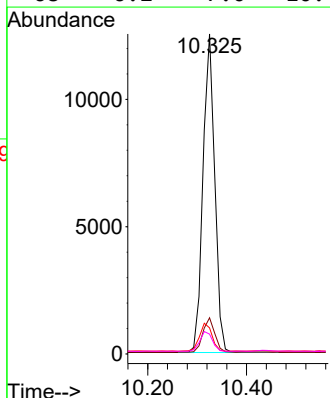
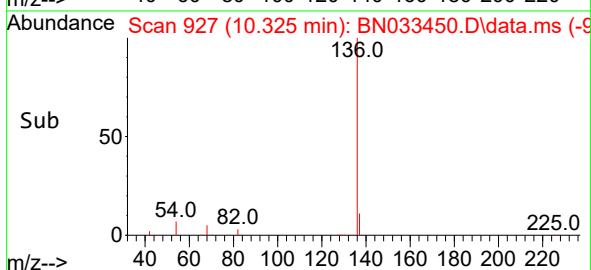
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

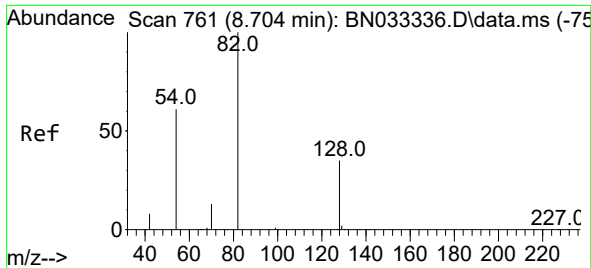


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37



Tgt Ion:136 Resp: 20630
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.1 9.4 14.0#
68 6.2 7.0 10.4#





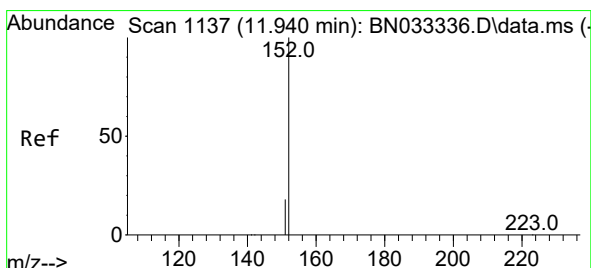
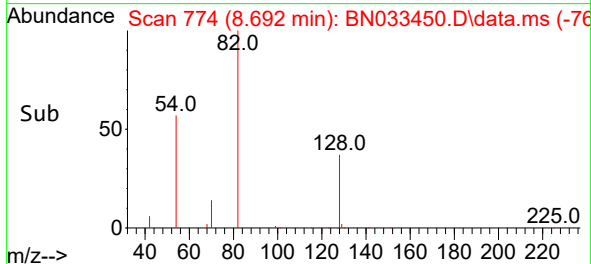
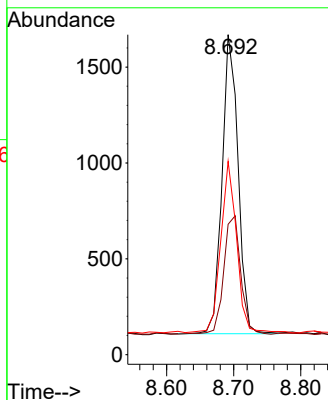
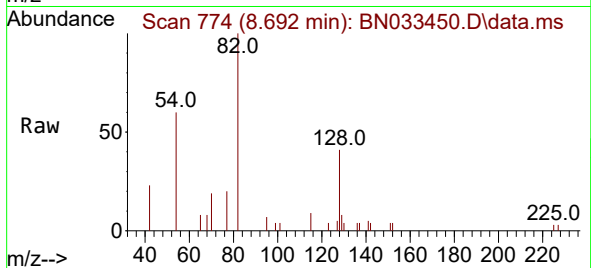
#8
Nitrobenzene-d5
Concen: 0.167 ng
RT: 8.692 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0.5-1-081224

Tgt Ion: 82 Resp: 2598
Ion Ratio Lower Upper
82 100
128 40.7 29.0 43.4
54 60.4 50.2 75.4

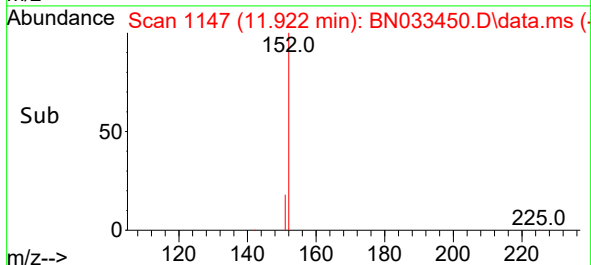
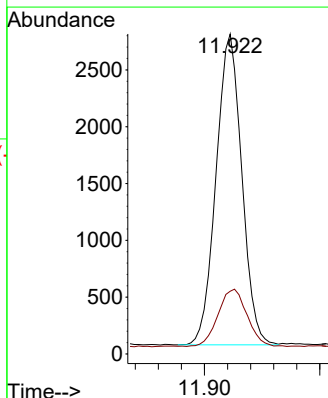
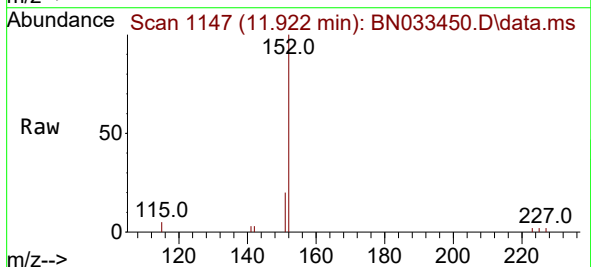
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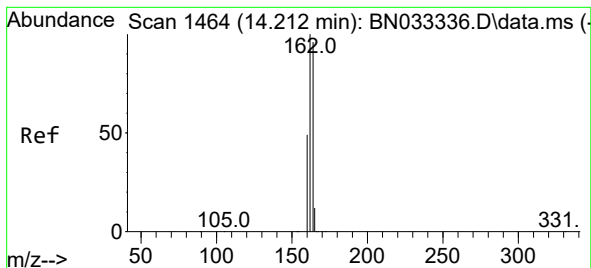
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#11
2-Methylnaphthalene-d10
Concen: 0.133 ng
RT: 11.922 min Scan# 1147
Delta R.T. -0.007 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

Tgt Ion:152 Resp: 4233
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.199 min Scan# 14

Delta R.T. 0.000 min

Lab File: BN033450.D

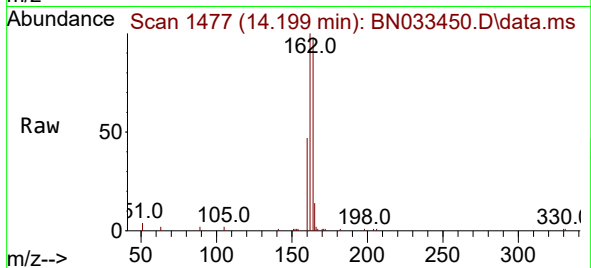
Acq: 17 Aug 2024 03:37

Instrument :

BNA_N

ClientSampleId :

926-K1-SD-0.5-1-081224



Tgt Ion:164 Resp: 1016

Ion Ratio Lower Upper

164 100

162 102.2 83.1 124.7

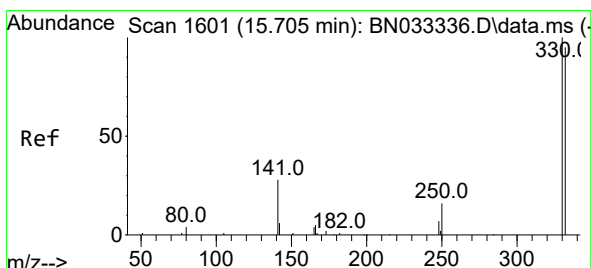
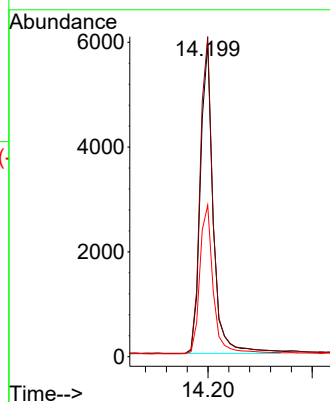
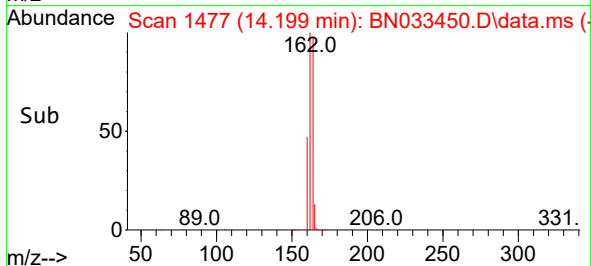
160 48.4 41.1 61.7

Manual Integrations

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#14

2,4,6-Tribromophenol

Concen: 0.112 ng

RT: 15.688 min Scan# 1614

Delta R.T. -0.012 min

Lab File: BN033450.D

Acq: 17 Aug 2024 03:37

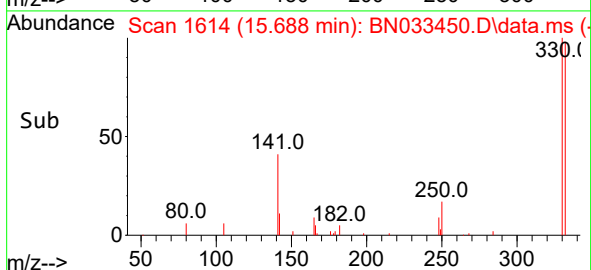
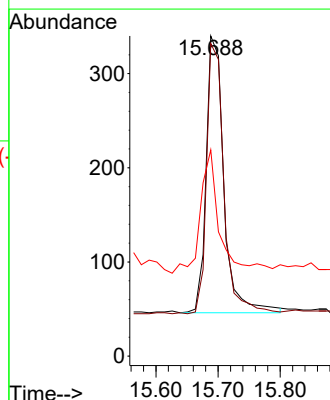
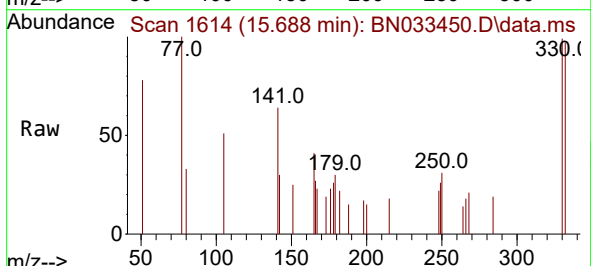
Tgt Ion:330 Resp: 585

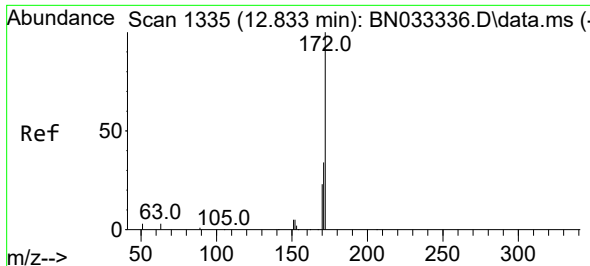
Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

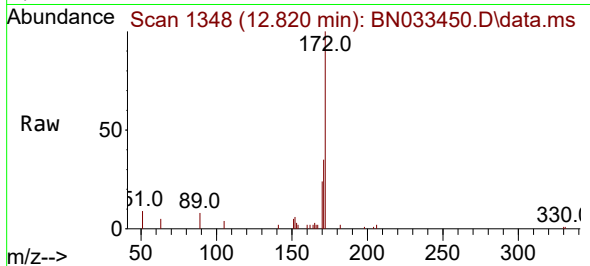
141 48.5 33.4 50.0





#15
2-Fluorobiphenyl
Concen: 0.143 ng
RT: 12.820 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

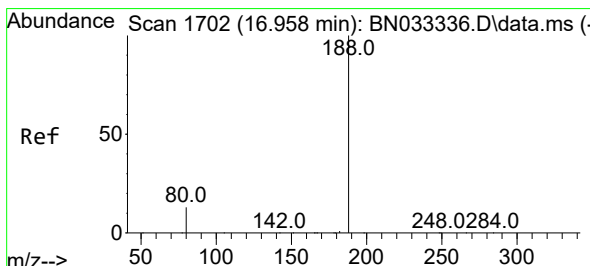
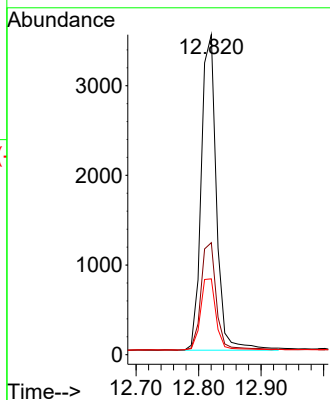
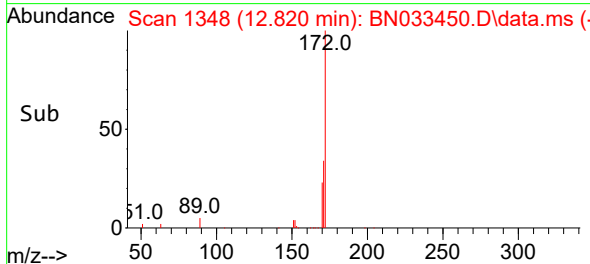
Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0.5-1-081224



Tgt Ion:172 Resp: 5950
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.7 18.7 28.1

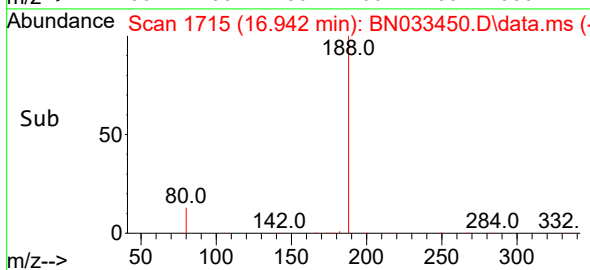
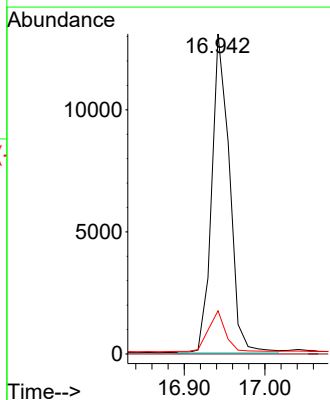
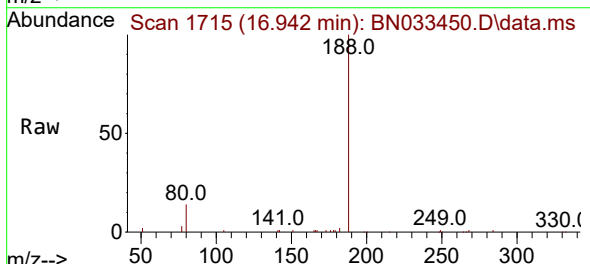
Manual Integrations
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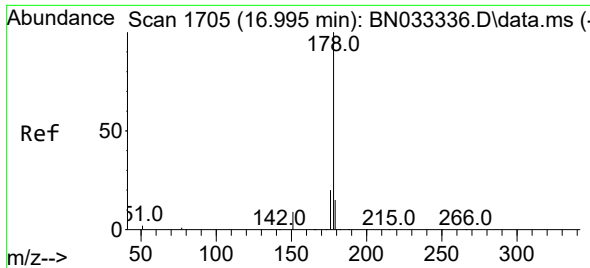
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

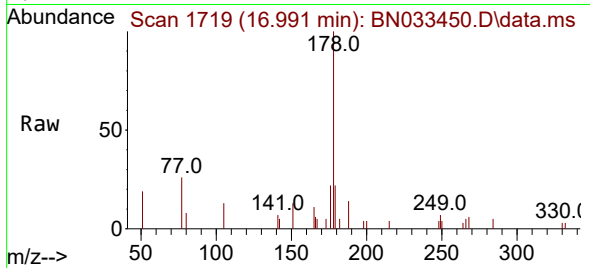
Tgt Ion:188 Resp: 19833
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 10.7 16.1





#25
Phenanthrene
Concen: 0.042 ng
RT: 16.991 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

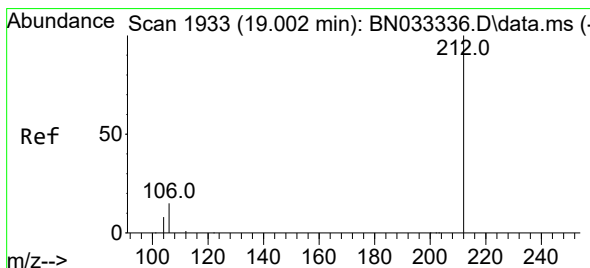
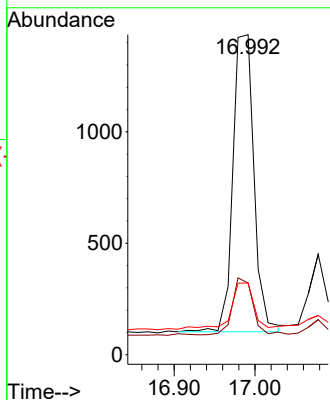
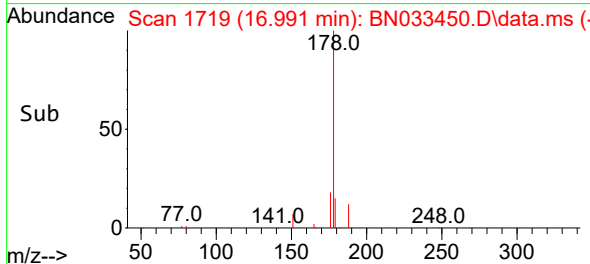
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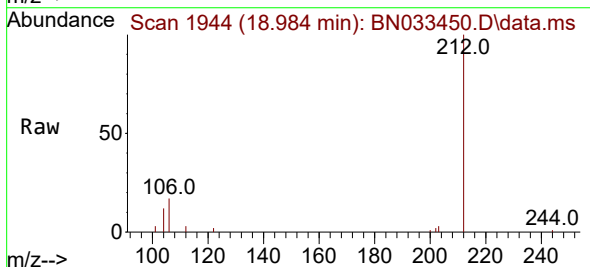
Tgt Ion:178 Resp: 241
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.0
179 16.8 12.2 18.2

Manual Integrations
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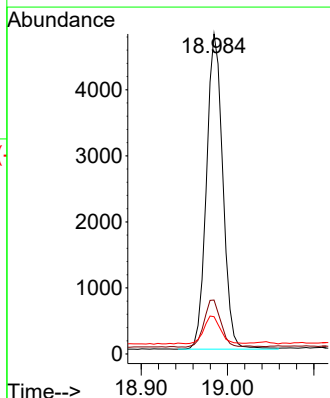
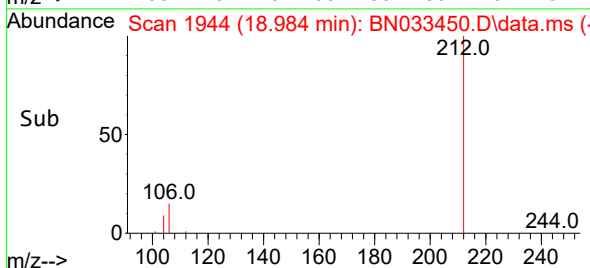
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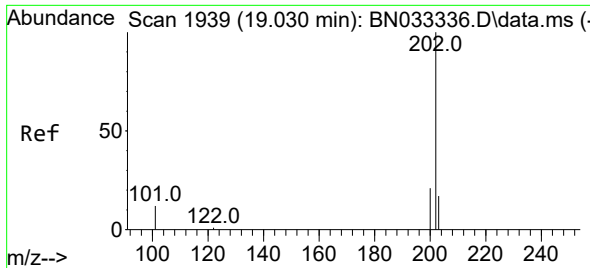


#27
Fluoranthene-d10
Concen: 0.119 ng
RT: 18.984 min Scan# 1944
Delta R.T. -0.009 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37



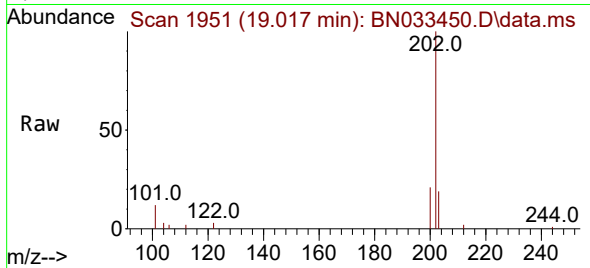
Tgt Ion:212 Resp: 6298
Ion Ratio Lower Upper
212 100
106 15.2 12.8 19.2
104 8.8 7.1 10.7





#28
Fluoranthene
Concen: 0.118 ng
RT: 19.017 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

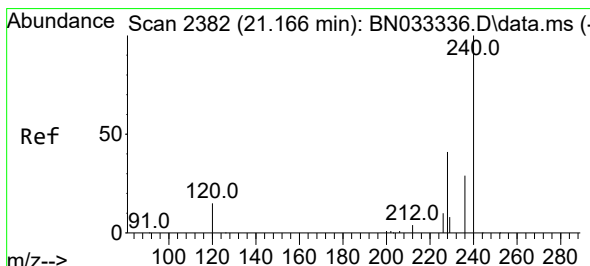
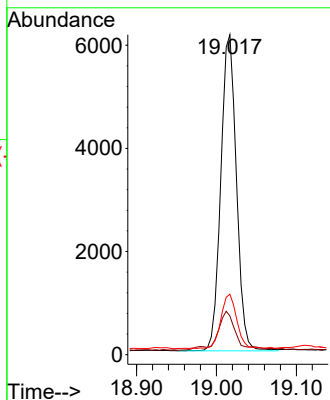
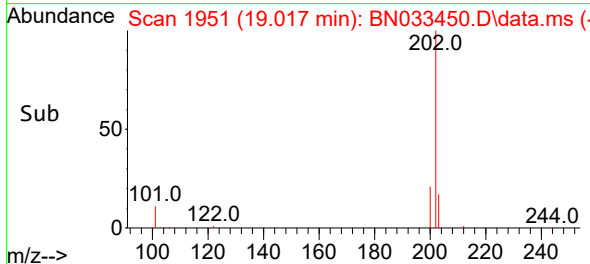
Instrument :
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Tgt Ion:202 Resp: 832
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.6
203 17.2 13.8 20.6

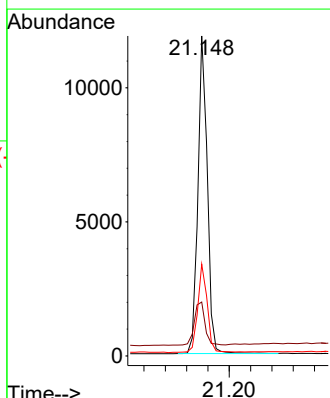
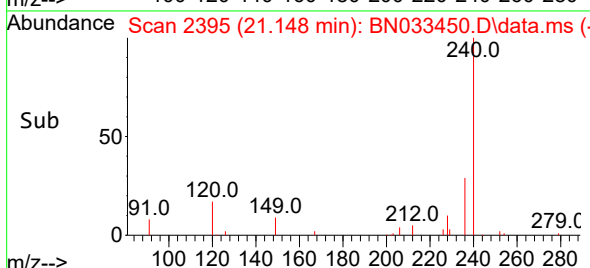
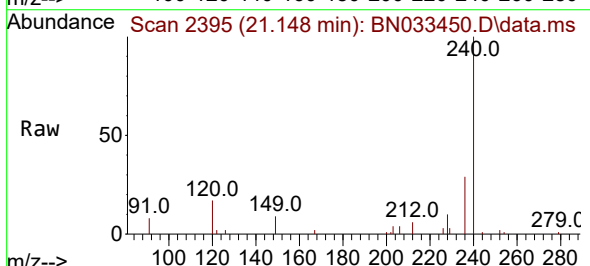
Manual Integrations
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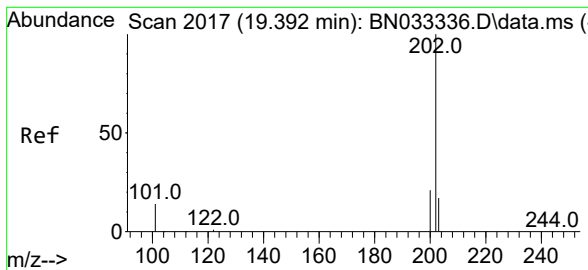
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

Tgt Ion:240 Resp: 14551
Ion Ratio Lower Upper
240 100
120 16.9 13.0 19.6
236 28.7 23.2 34.8





#30

Pyrene

Concen: 0.123 ng

RT: 19.379 min Scan# 2017

Delta R.T. -0.005 min

Lab File: BN033450.D

Acq: 17 Aug 2024 03:37

Instrument :

BNA_N

ClientSampleId :

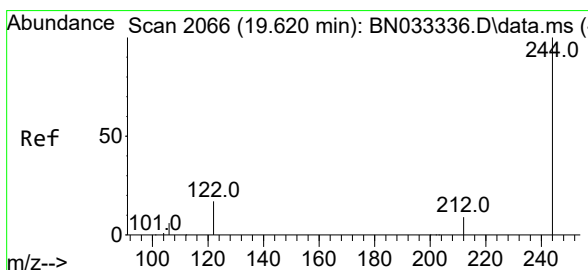
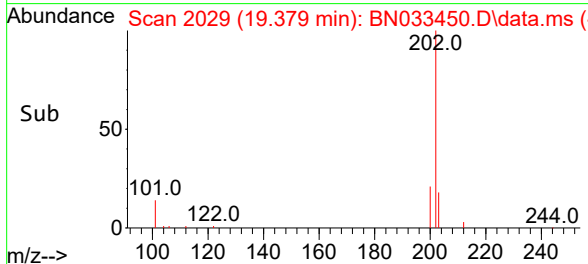
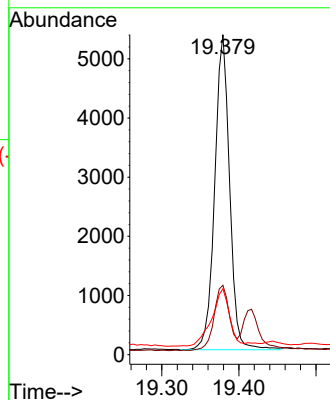
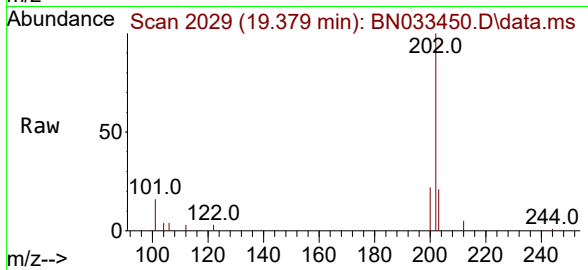
926-K1-SD-0.5-1-081224

Tgt Ion:	202	Resp:	7124
Ion Ratio	Lower	Upper	
202	100		
200	21.7	16.7	25.1
203	21.9	14.2	21.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#31

Terphenyl-d14

Concen: 0.174 ng

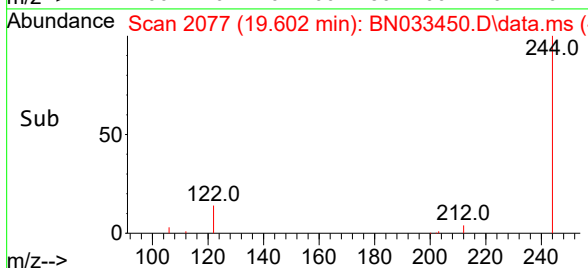
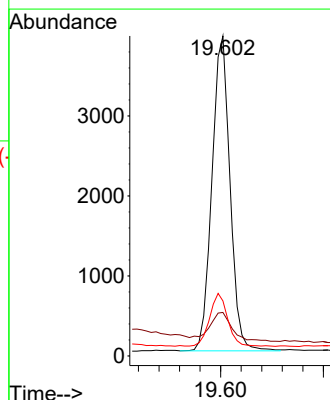
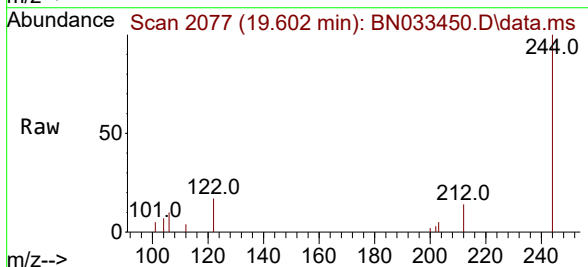
RT: 19.602 min Scan# 2077

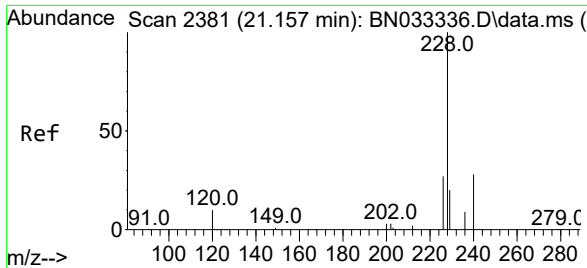
Delta R.T. -0.005 min

Lab File: BN033450.D

Acq: 17 Aug 2024 03:37

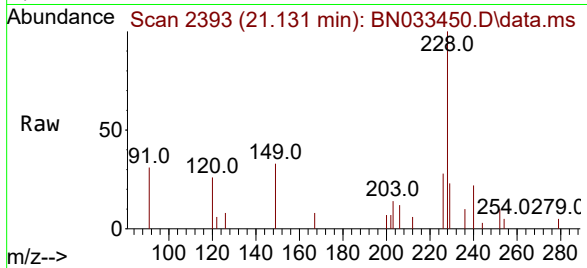
Tgt Ion:	244	Resp:	4794
Ion Ratio	Lower	Upper	
244	100		
212	13.6	7.7	11.5
122	17.2	14.0	21.0





#32
Benzo(a)anthracene
Concen: 0.074 ng
RT: 21.131 min Scan# 2113
Delta R.T. -0.009 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

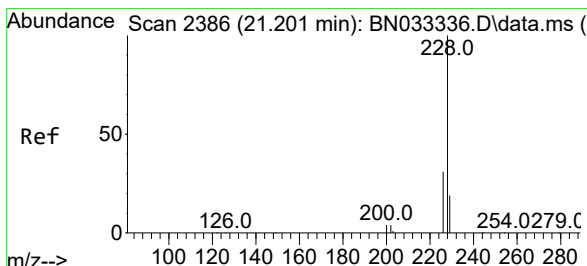
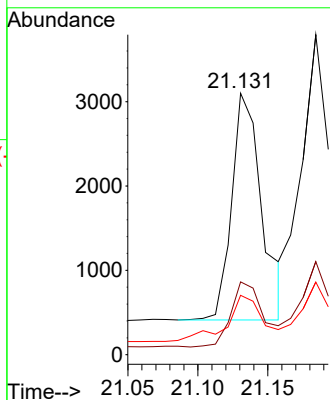
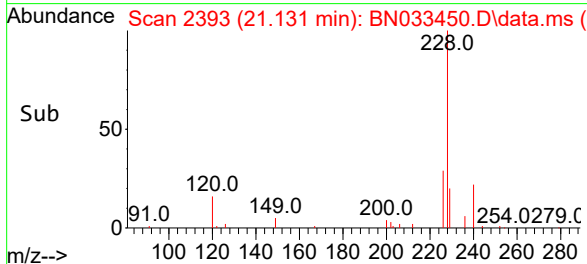
Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0.5-1-081224



Tgt Ion:228 Resp: 4029
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 22.7 15.9 23.9

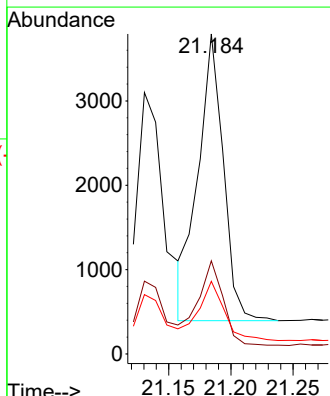
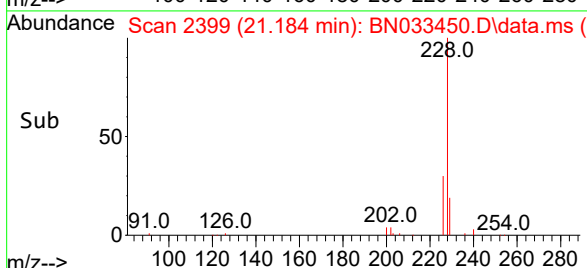
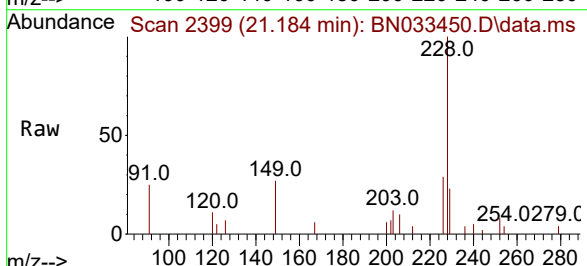
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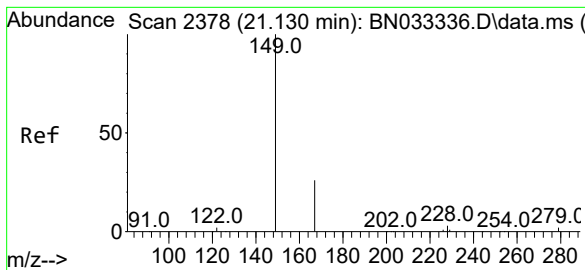
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#33
Chrysene
Concen: 0.088 ng
RT: 21.184 min Scan# 2399
Delta R.T. -0.009 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

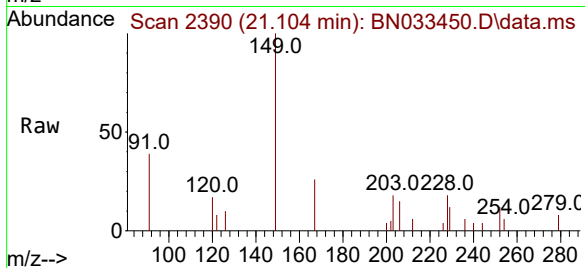
Tgt Ion:228 Resp: 4805
Ion Ratio Lower Upper
228 100
226 29.1 24.7 37.1
229 22.7 15.4 23.2





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.086 ng
RT: 21.104 min Scan# 2129
Delta R.T. -0.009 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

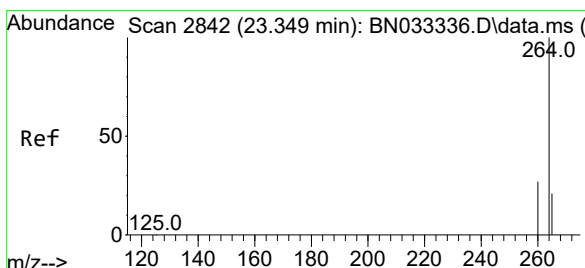
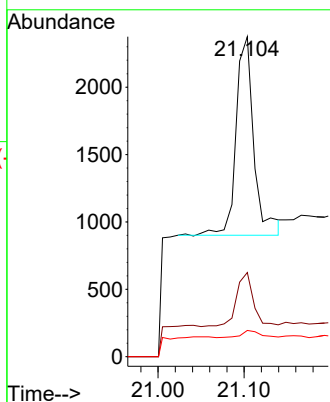
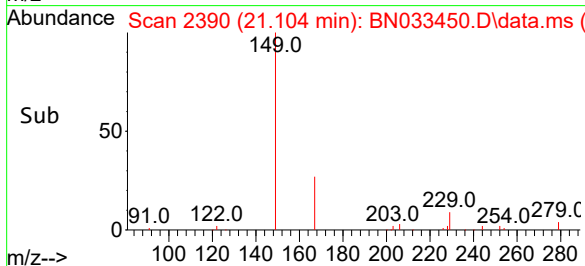
Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0.5-1-081224



Tgt Ion:149 Resp: 2129
Ion Ratio Lower Upper
149 100
167 26.0 20.9 31.3
279 3.9 2.2 3.4

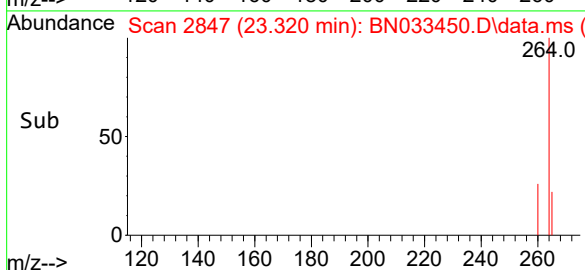
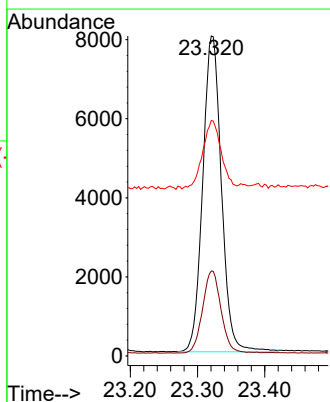
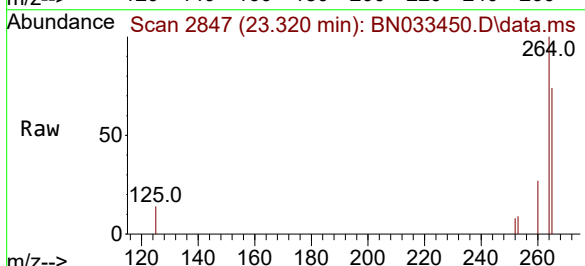
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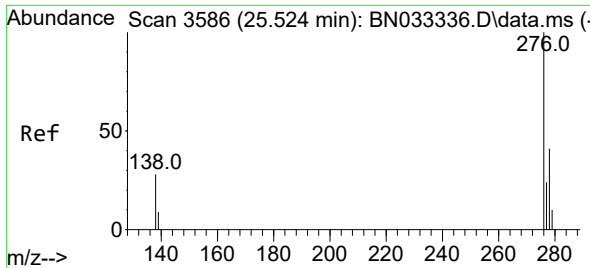
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.320 min Scan# 2847
Delta R.T. -0.012 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

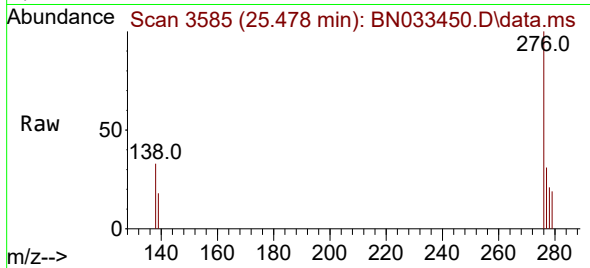
Tgt Ion:264 Resp: 15421
Ion Ratio Lower Upper
264 100
260 26.6 21.6 32.4
265 73.6 29.3 43.9





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.067 ng
RT: 25.478 min Scan# 3585
Delta R.T. -0.020 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

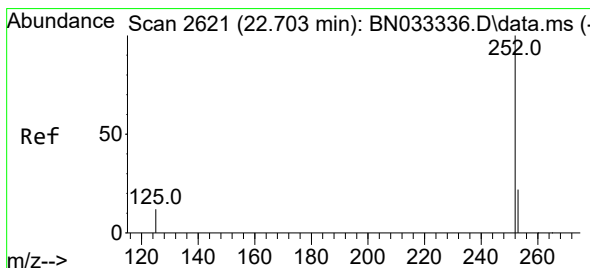
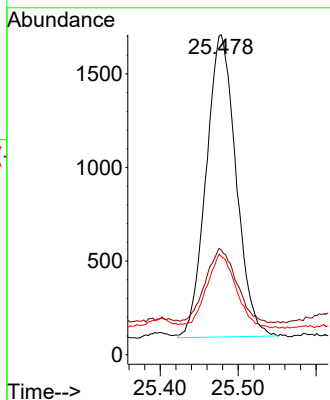
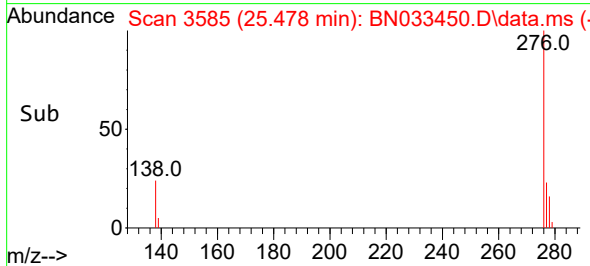
Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0.5-1-081224



Tgt Ion:276 Resp: 4299
Ion Ratio Lower Upper
276 100
138 25.0 24.9 37.3
277 23.5 19.8 29.6

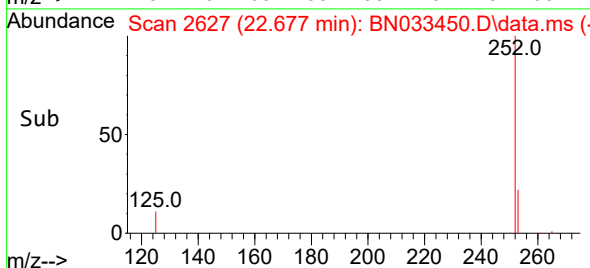
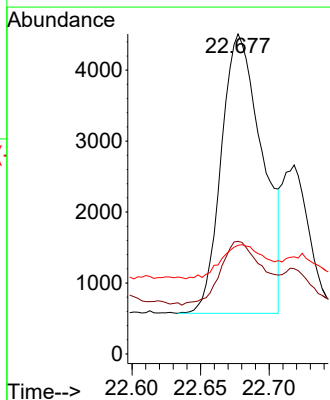
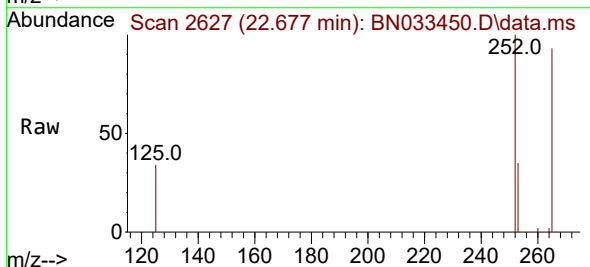
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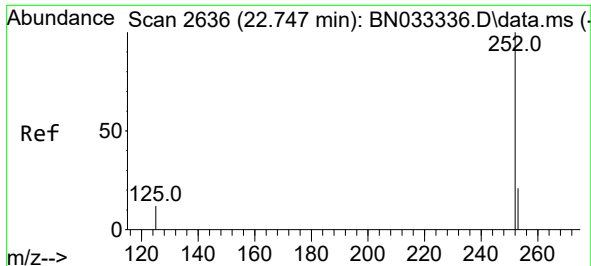
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#37
Benzo(b)fluoranthene
Concen: 0.141 ng
RT: 22.677 min Scan# 2627
Delta R.T. -0.009 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

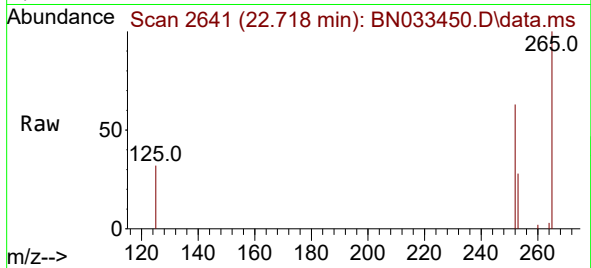
Tgt Ion:252 Resp: 8182
Ion Ratio Lower Upper
252 100
253 35.2 18.2 27.2#
125 33.9 11.3 16.9#





#38
Benzo(k)fluoranthene
Concen: 0.049 ng m
RT: 22.718 min Scan# 2641
Delta R.T. -0.012 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

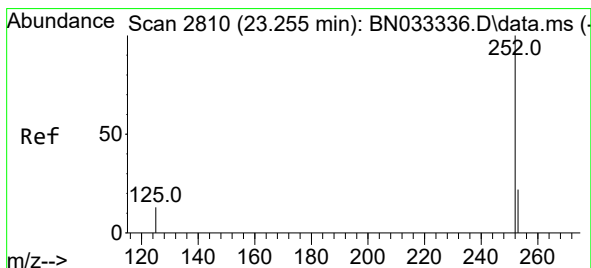
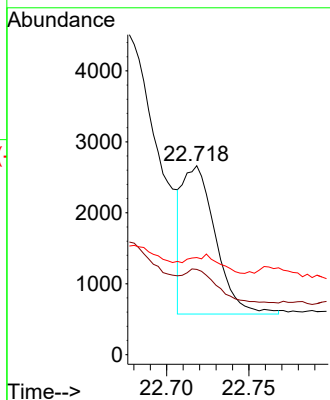
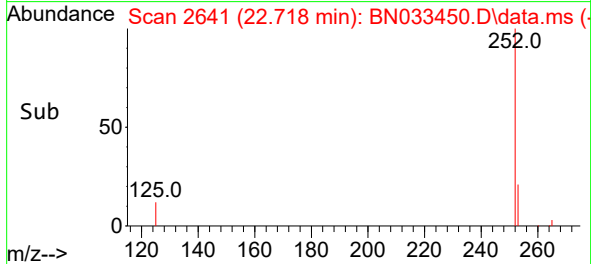
Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0.5-1-081224



Tgt Ion:252 Resp: 2908
Ion Ratio Lower Upper
252 100
253 45.1 17.9 26.9
125 51.4 11.3 16.9

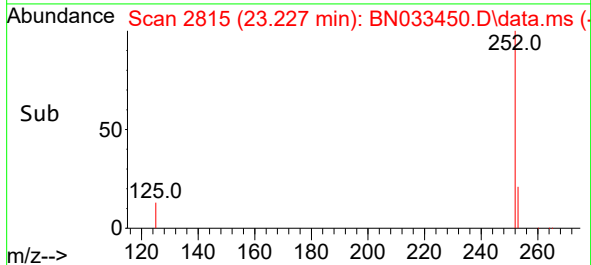
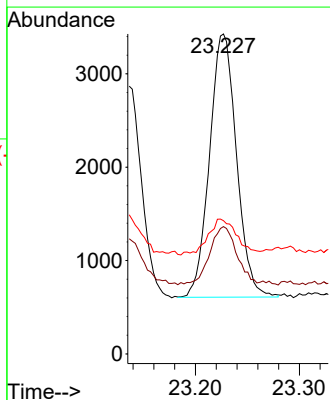
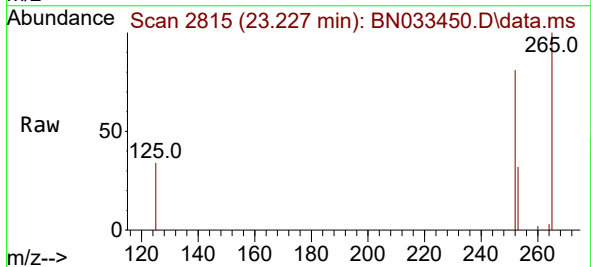
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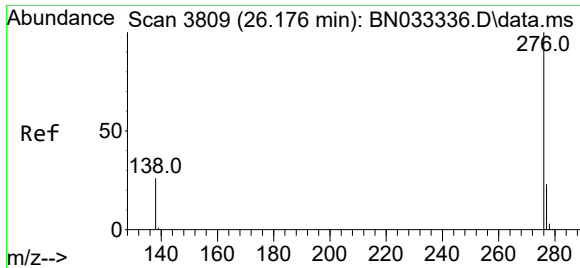
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#39
Benzo(a)pyrene
Concen: 0.104 ng
RT: 23.227 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

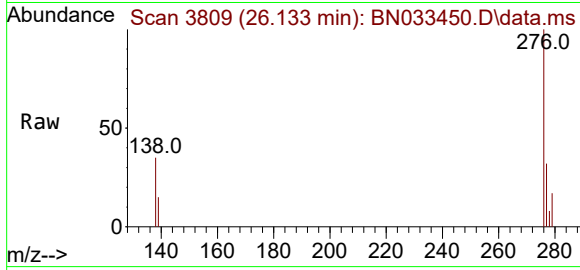
Tgt Ion:252 Resp: 5081
Ion Ratio Lower Upper
252 100
253 39.8 18.6 28.0#
125 41.6 12.6 19.0#





#41
Benzo(g,h,i)perylene
Concen: 0.082 ng
RT: 26.133 min Scan# 3809
Delta R.T. -0.017 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0.5-1-081224



Tgt Ion:276 Resp: 460
Ion Ratio Lower Upper
276 100
277 31.6 19.4 29.2
138 35.3 21.6 32.4

Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

