

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032224\
 Data File : BN030460.D
 Acq On : 21 Mar 2024 23:54
 Operator : MA/JU
 Sample : P1764-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMP-1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 22 00:20:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN032224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 22 00:01:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	13632	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	36868	0.400	ng	0.00
13) Acenaphthene-d10	14.361	164	18047	0.400	ng	0.00
19) Phenanthrene-d10	17.106	188	37715	0.400	ng	0.00
29) Chrysene-d12	21.304	240	24598	0.400	ng	0.00
35) Perylene-d12	23.557	264	20380	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	8922	0.265	ng	0.00
5) Phenol-d6	6.886	99	12121	0.275	ng	0.00
8) Nitrobenzene-d5	8.875	82	8374	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.102	152	14931	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.853	330	1522	0.232	ng	0.00
15) 2-Fluorobiphenyl	12.982	172	24124	0.310	ng	-0.01
27) Fluoranthene-d10	19.145	212	26001	0.276	ng	0.00
31) Terphenyl-d14	19.754	244	17050	0.309	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.144	178	5616	0.047	ng	97
28) Fluoranthene	19.173	202	13389	0.098	ng	# 97
30) Pyrene	19.540	202	12634	0.103	ng	96
32) Benzo(a)anthracene	21.286	228	6073	0.061	ng	94
33) Chrysene	21.340	228	6156	0.058	ng	96
34) Bis(2-ethylhexyl)phtha...	21.241	149	5686	0.135	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.841	276	3006	0.036	ng	# 80
37) Benzo(b)fluoranthene	22.882	252	7505	0.084	ng	# 75
38) Benzo(k)fluoranthene	22.926	252	3264m	0.037	ng	
39) Benzo(a)pyrene	23.458	252	4113	0.060	ng	# 66
41) Benzo(g,h,i)perylene	26.531	276	3404	0.047	ng	# 82

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

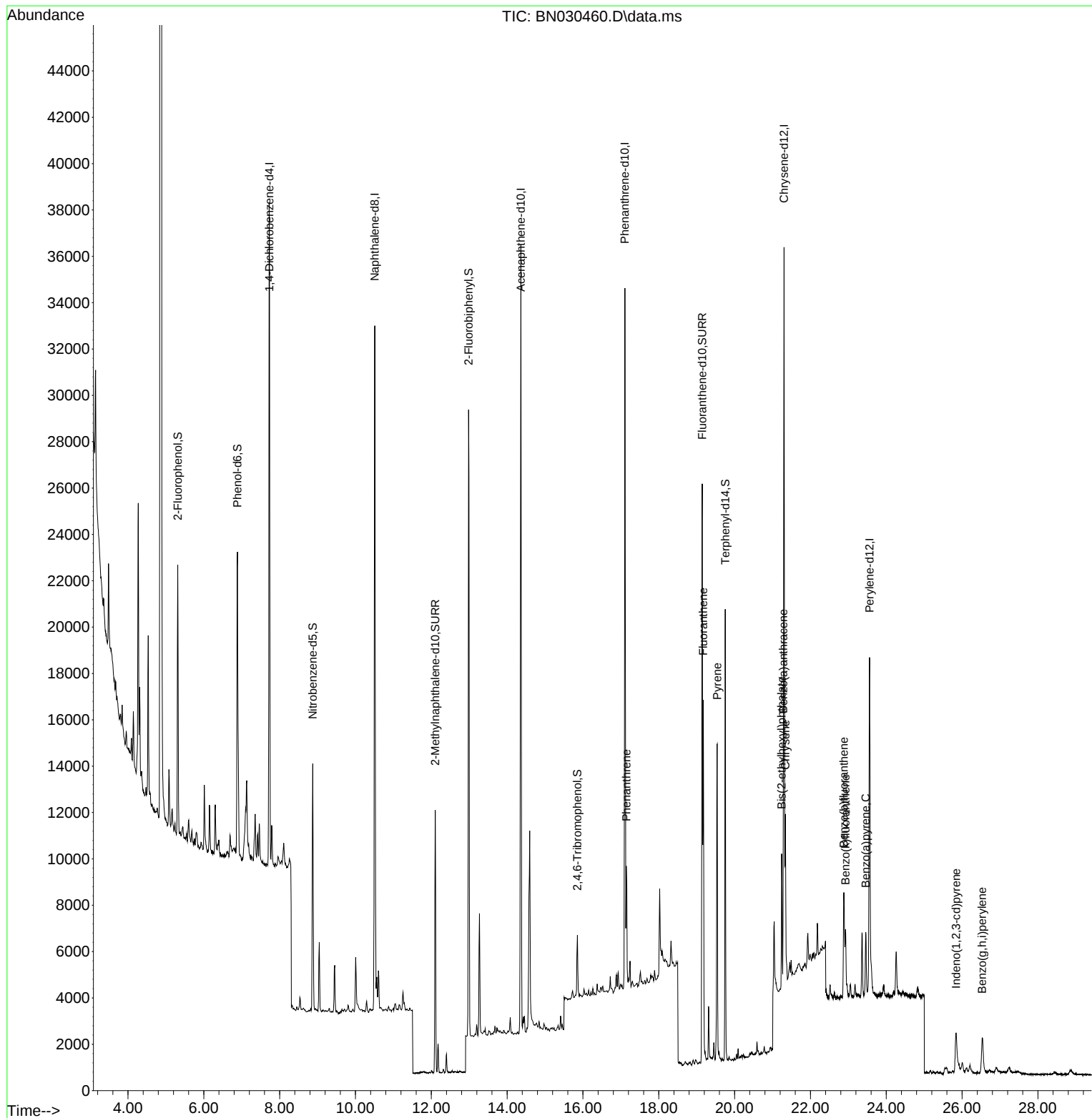
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Data File : BN030460.D
Acq On : 21 Mar 2024 23:54
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Misc :
ALS Vial : 13 Sample Multiplier: 1

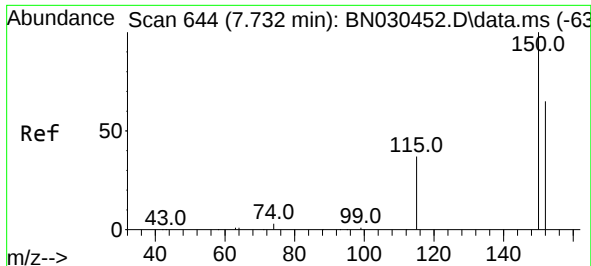
Instrument :
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ClientSampleId :
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Quant Time: Mar 22 00:20:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN032224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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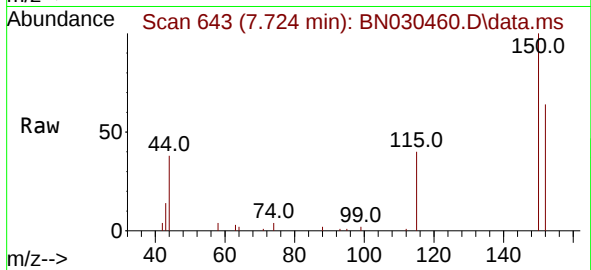
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 644
Delta R.T. -0.008 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

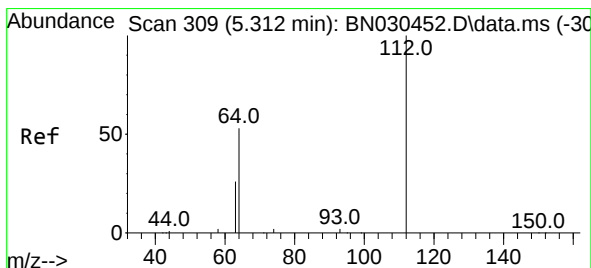
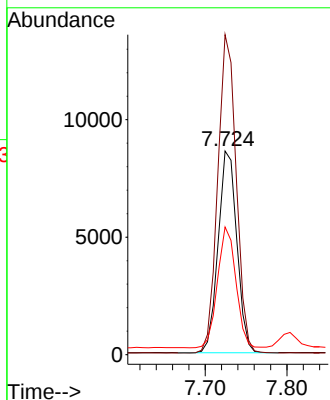
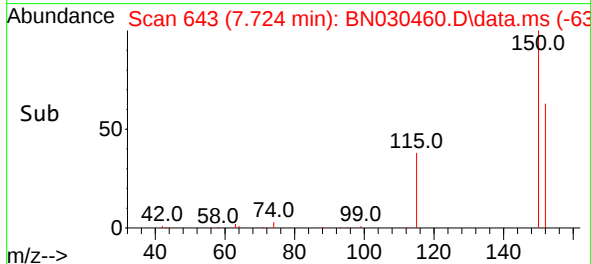
Instrument :
BNA_N
ClientSampleId :
COMP-1



Tgt Ion:152 Resp: 13632
Ion Ratio Lower Upper
152 100
150 157.2 122.2 183.4
115 62.7 48.2 72.4

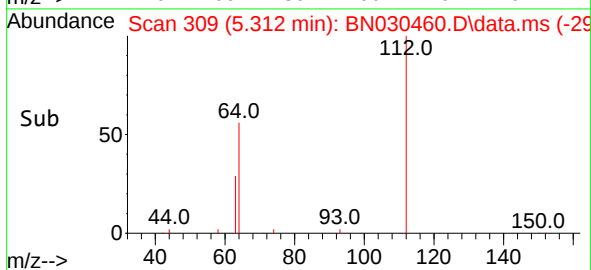
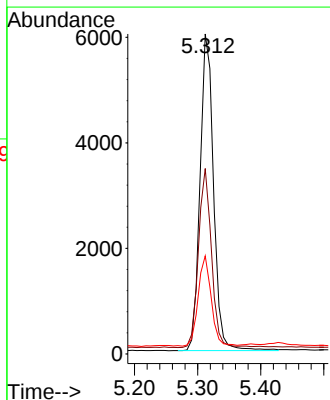
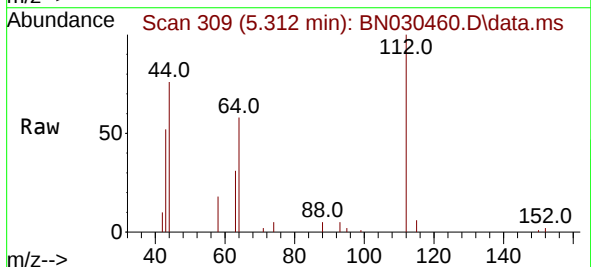
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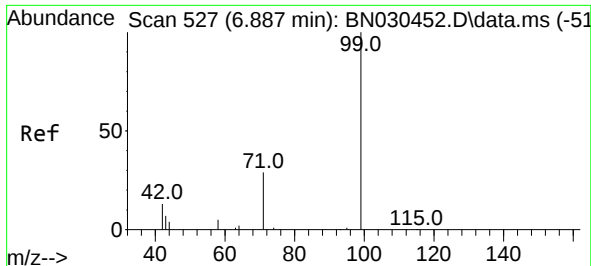
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#4
2-Fluorophenol
Concen: 0.265 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

Tgt Ion:112 Resp: 8922
Ion Ratio Lower Upper
112 100
64 54.6 44.2 66.2
63 27.5 23.0 34.4





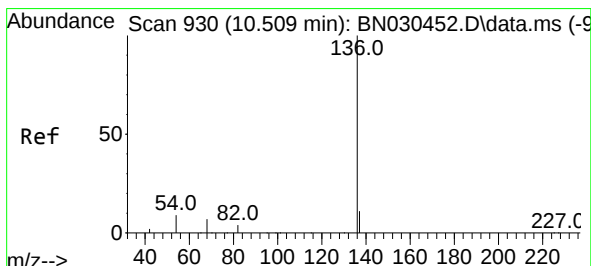
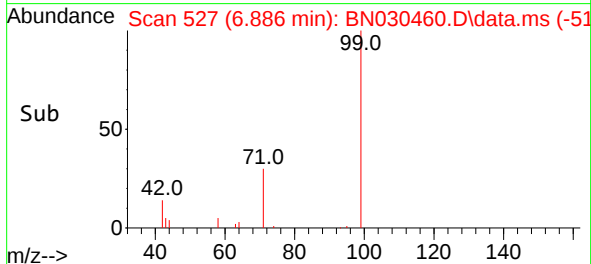
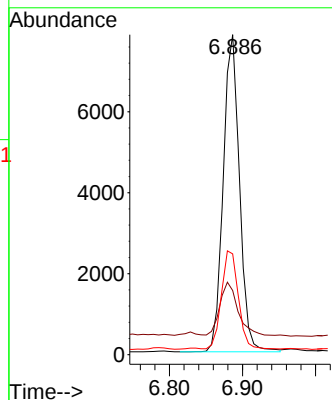
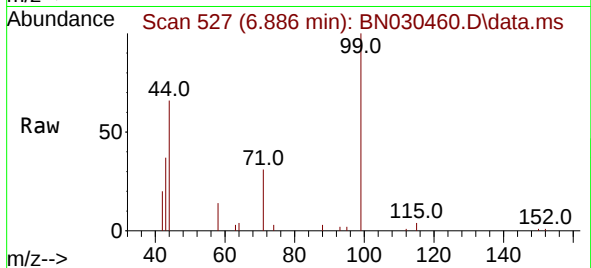
#5
Phenol-d6
Concen: 0.275 ng
RT: 6.886 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

Instrument :
BNA_N
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 1212
Ion Ratio Lower Upper
99 100
42 19.7 13.9 20.9
71 32.0 25.4 38.0

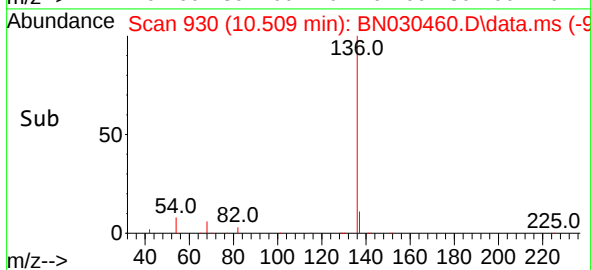
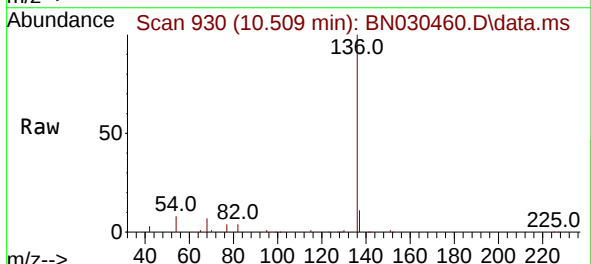
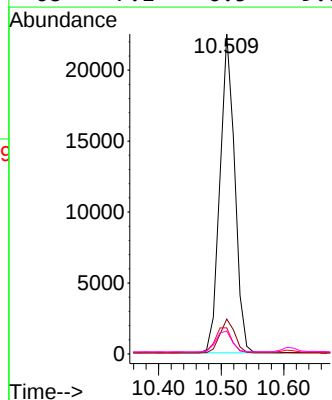
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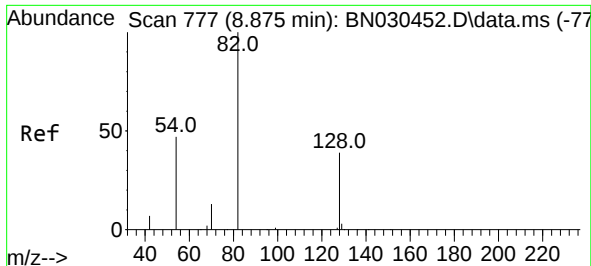
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

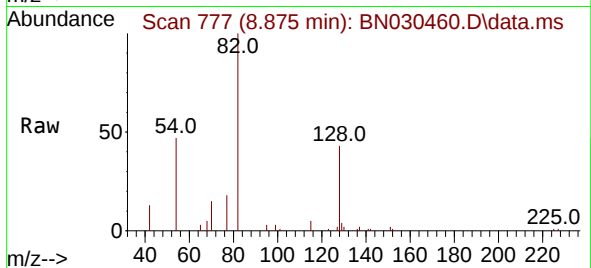
Tgt Ion:136 Resp: 36868
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.1 7.4 11.0
68 7.1 6.5 9.7





#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

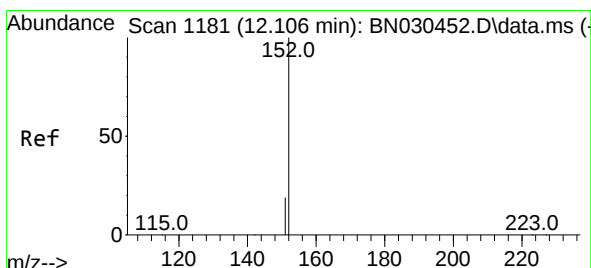
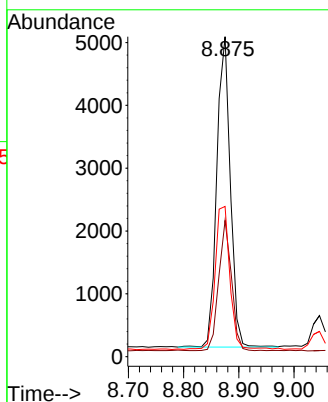
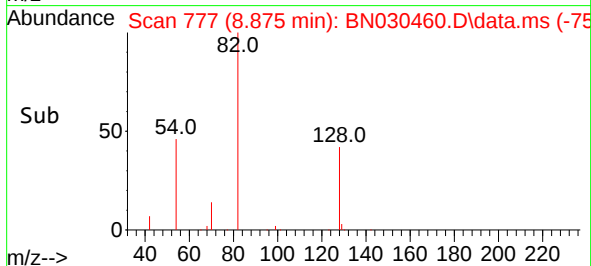
Instrument :
BNA_N
ClientSampleId :
COMP-1



Tgt Ion: 82 Resp: 8374
Ion Ratio Lower Upper
82 100
128 42.6 31.8 47.8
54 46.9 38.8 58.2

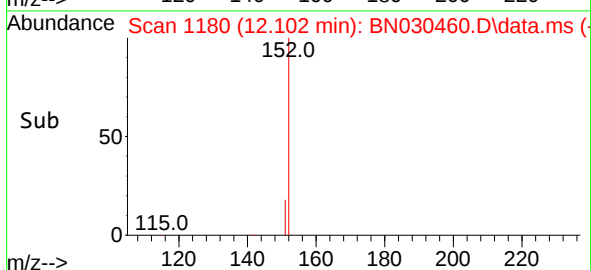
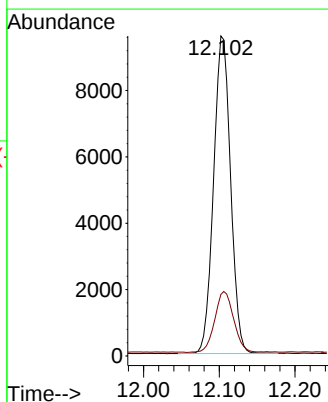
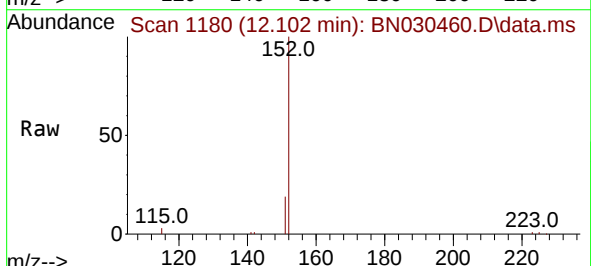
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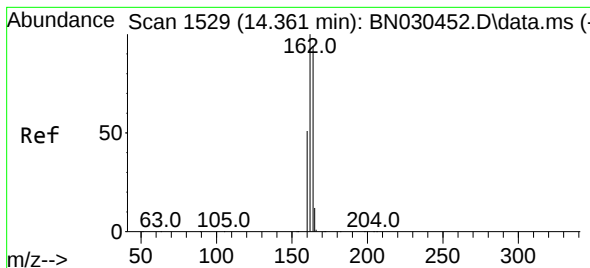
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 12.102 min Scan# 1180
Delta R.T. -0.004 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

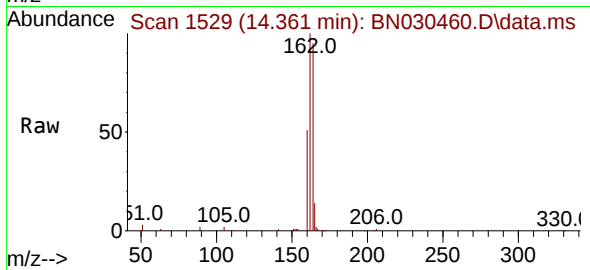
Tgt Ion:152 Resp: 14931
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.361 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

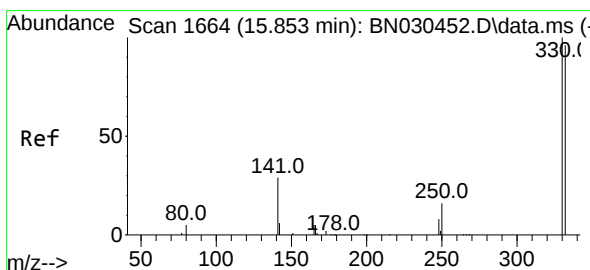
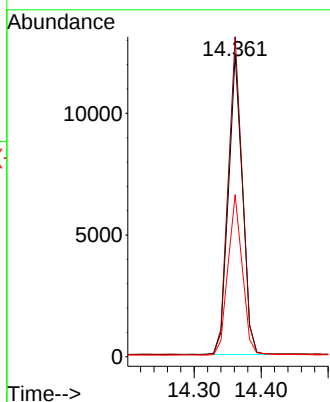
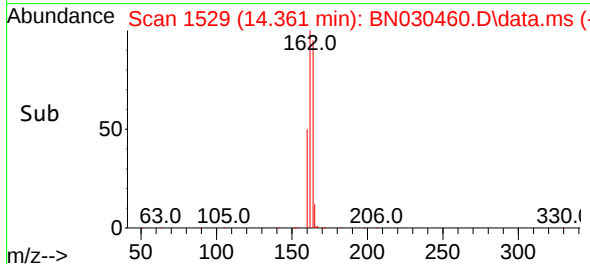
Instrument :
BNA_N
ClientSampleId :
COMP-1



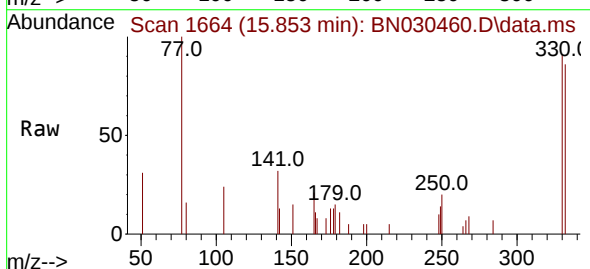
Tgt Ion:164 Resp: 1804
Ion Ratio Lower Upper
164 100
162 105.7 85.4 128.2
160 53.5 43.4 65.2

Manual Integrations
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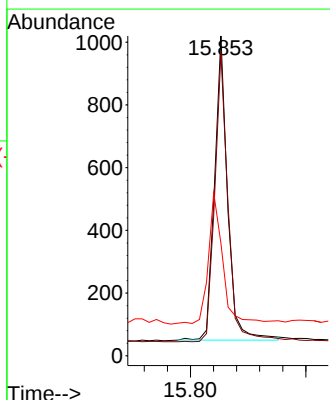
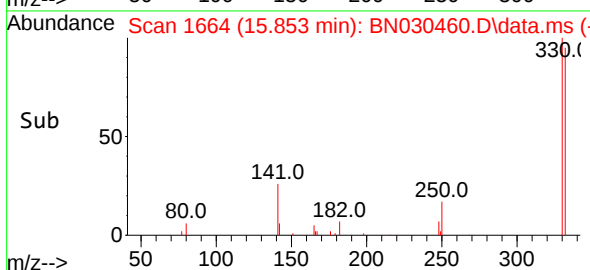
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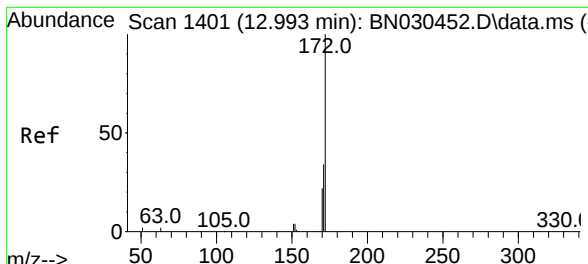


#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 15.853 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54



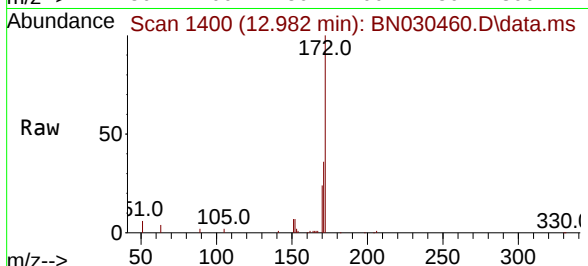
Tgt Ion:330 Resp: 1522
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 45.9 36.2 54.4





#15
 2-Fluorobiphenyl
 Concen: 0.310 ng
 RT: 12.982 min Scan# 1400
 Delta R.T. -0.011 min
 Lab File: BN030460.D
 Acq: 21 Mar 2024 23:54

Instrument :
 BNA_N
 ClientSampleId :
 COMP-1

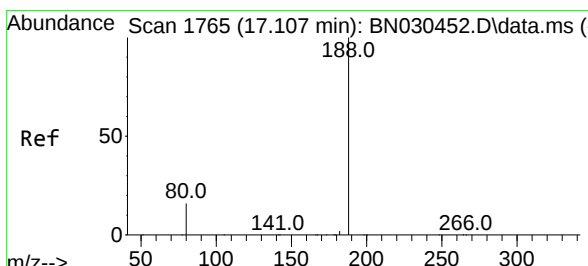
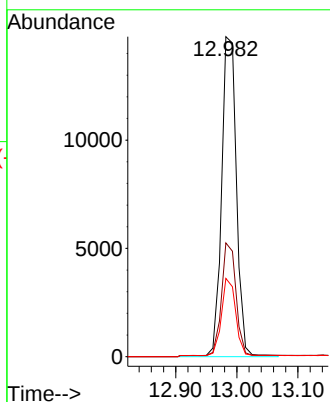
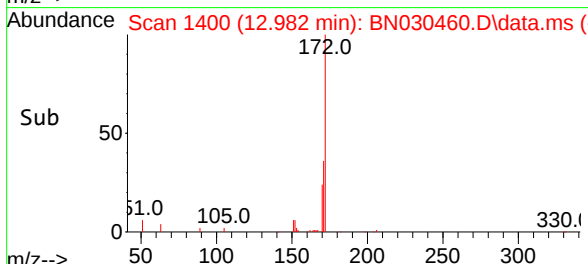


Tgt Ion:172 Resp: 24124

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.4	41.2
170	24.4	18.1	27.1

Manual Integrations
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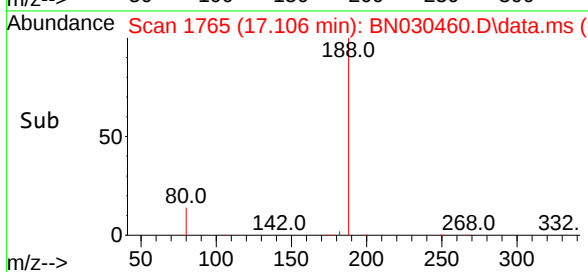
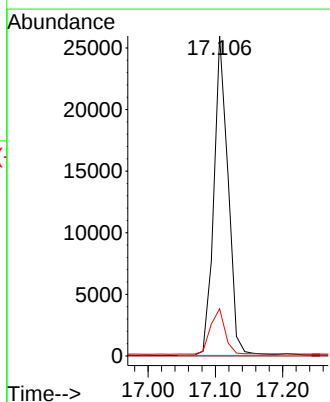
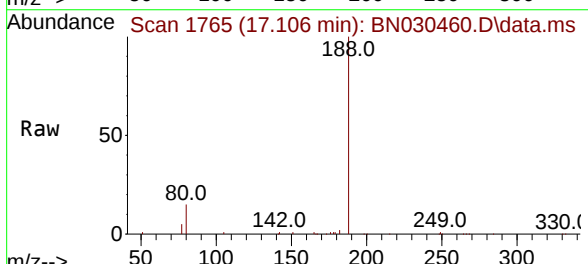
Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 03/26/2024

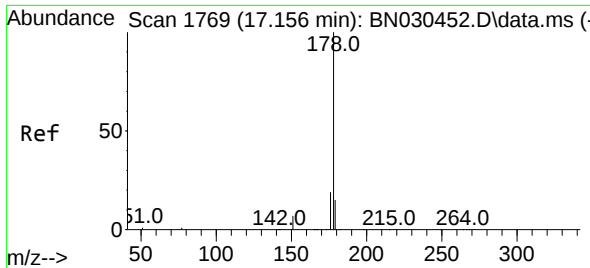


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.106 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: BN030460.D
 Acq: 21 Mar 2024 23:54

Tgt Ion:188 Resp: 37715

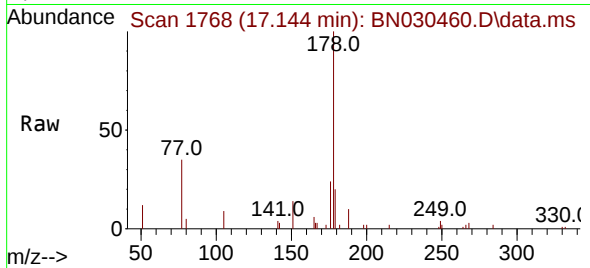
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	13.6	20.4





#25
Phenanthrene
Concen: 0.047 ng
RT: 17.144 min Scan# 1768
Delta R.T. -0.013 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

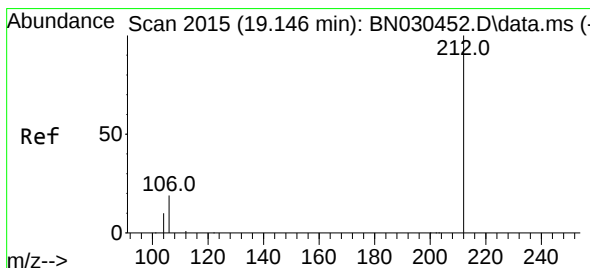
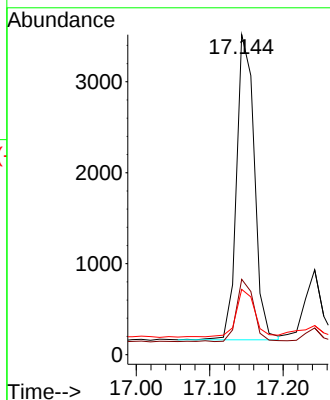
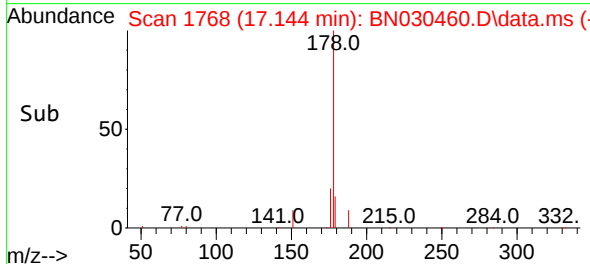
Instrument :
BNA_N
ClientSampleId :
COMP-1



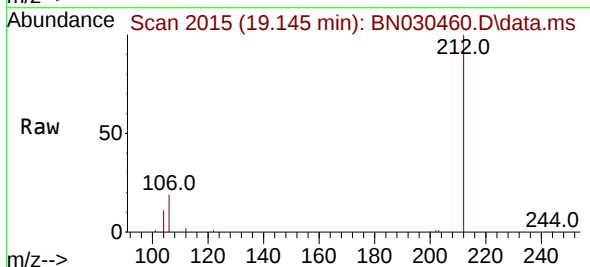
Tgt Ion:178 Resp: 5610
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.2
179 17.5 12.3 18.5

Manual Integrations
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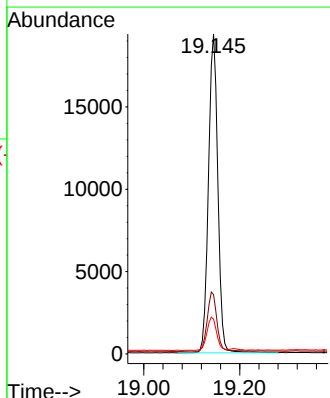
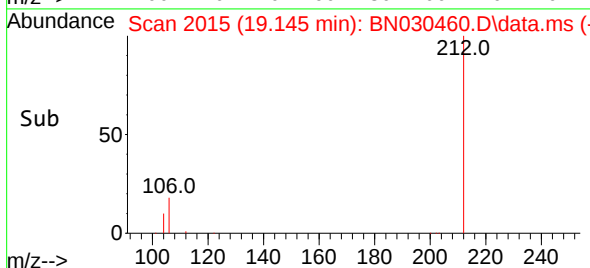
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

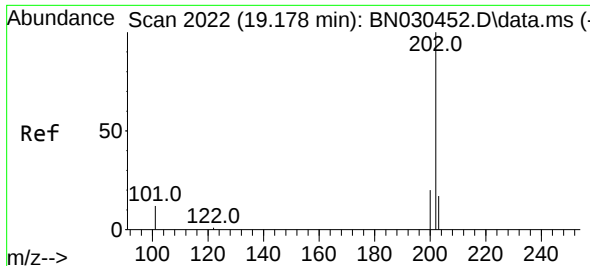


#27
Fluoranthene-d10
Concen: 0.276 ng
RT: 19.145 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54



Tgt Ion:212 Resp: 26001
Ion Ratio Lower Upper
212 100
106 19.3 14.7 22.1
104 10.7 8.3 12.5





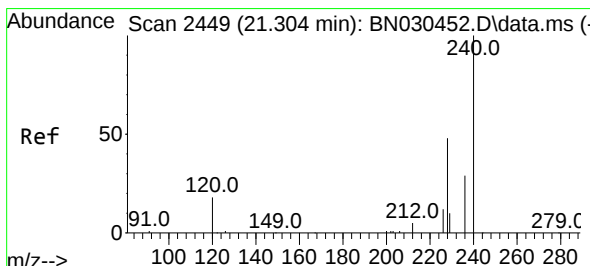
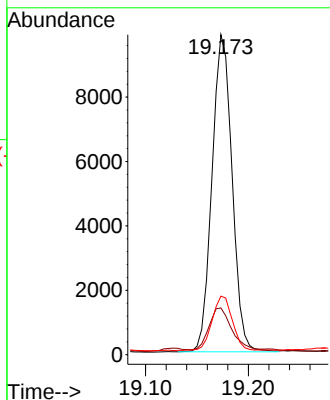
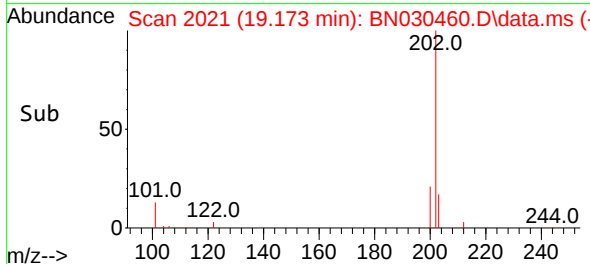
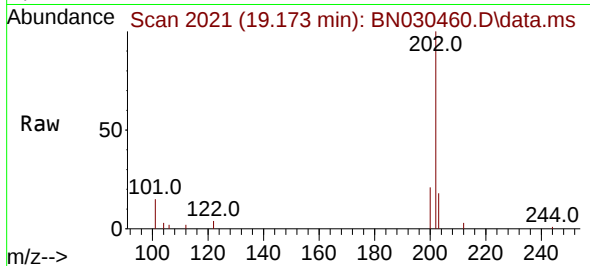
#28
Fluoranthene
Concen: 0.098 ng
RT: 19.173 min Scan# 2021
Delta R.T. -0.005 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

Instrument :
BNA_N
ClientSampleId :
COMP-1

Tgt Ion:202 Resp: 13389
Ion Ratio Lower Upper
202 100
101 16.5 10.7 16.1
203 17.0 13.6 20.4

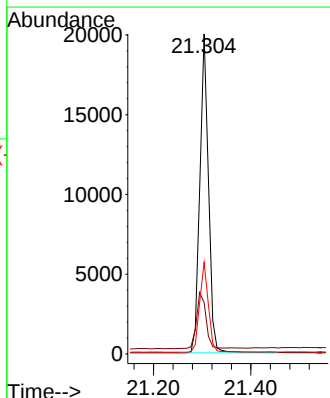
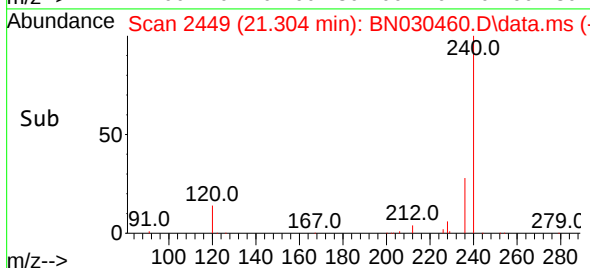
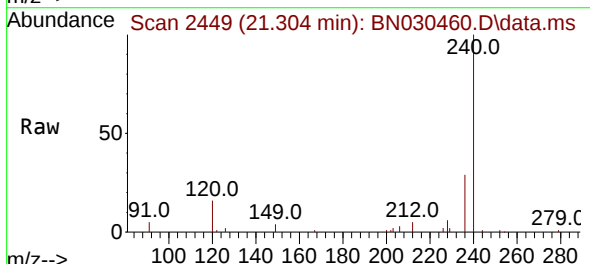
Manual Integrations
APPROVED

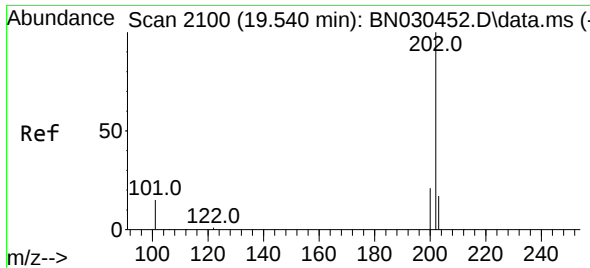
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

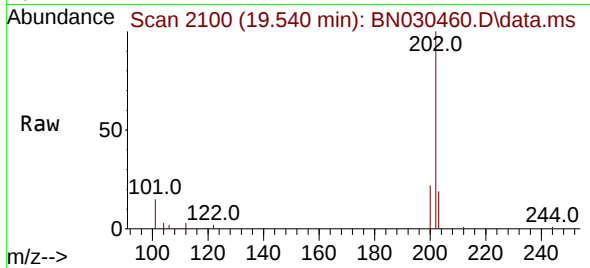
Tgt Ion:240 Resp: 24598
Ion Ratio Lower Upper
240 100
120 16.1 15.9 23.9
236 28.6 23.8 35.6





#30
Pyrene
Concen: 0.103 ng
RT: 19.540 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

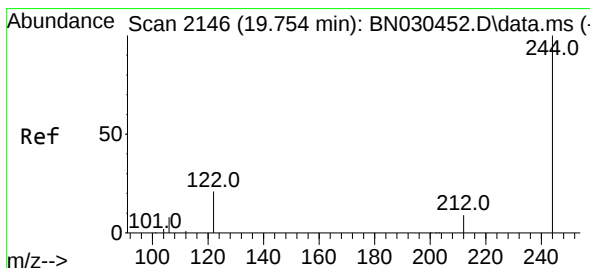
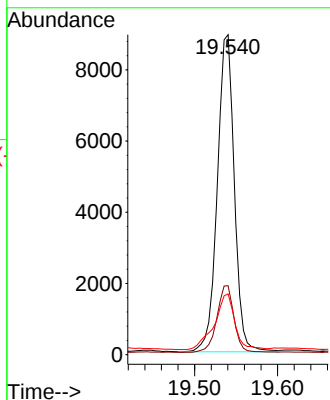
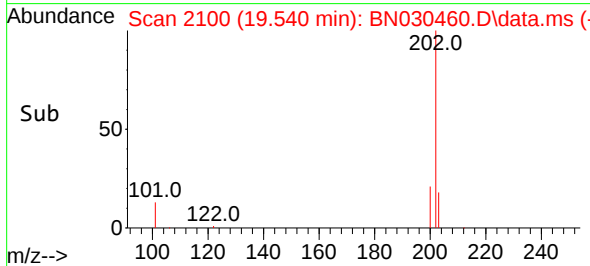
Instrument :
BNA_N
ClientSampleId :
COMP-1



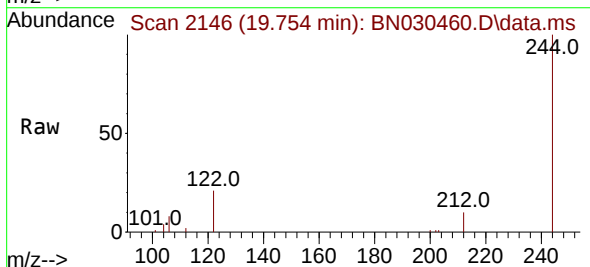
Tgt Ion:202 Resp: 12634
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 21.1 14.1 21.1

Manual Integrations
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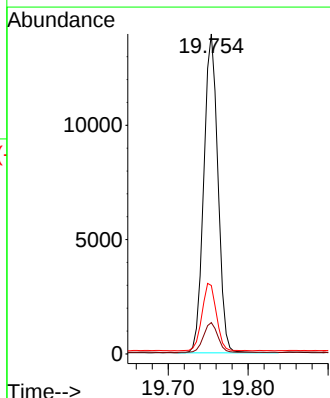
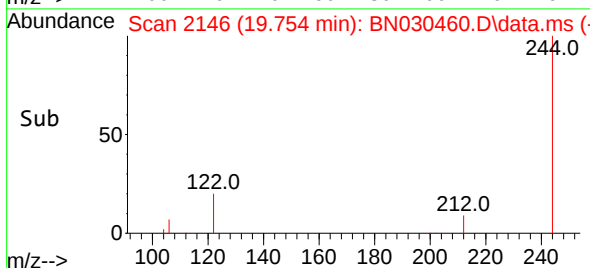
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

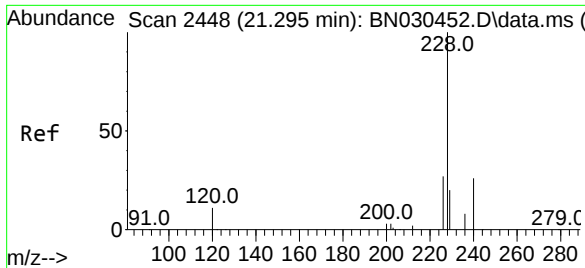


#31
Terphenyl-d14
Concen: 0.309 ng
RT: 19.754 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54



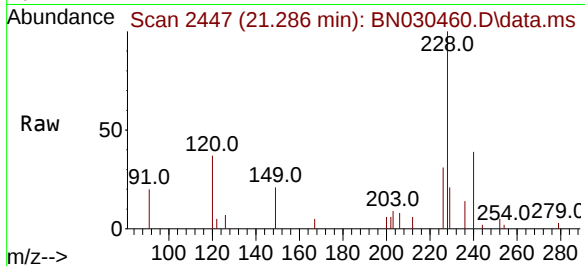
Tgt Ion:244 Resp: 17050
Ion Ratio Lower Upper
244 100
212 9.8 7.8 11.6
122 21.4 17.1 25.7





#32
Benzo(a)anthracene
Concen: 0.061 ng
RT: 21.286 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

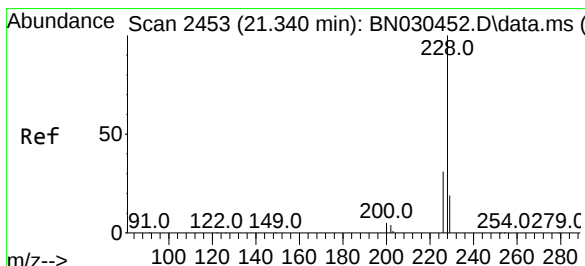
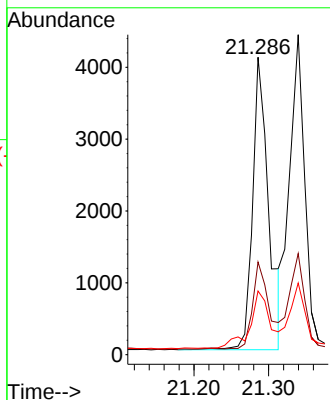
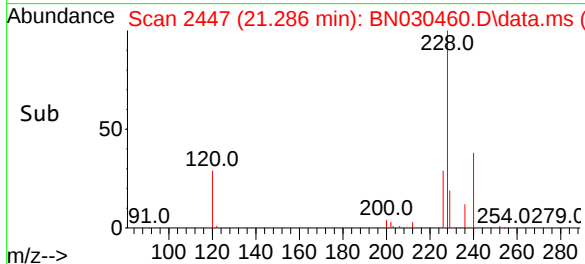
Instrument :
BNA_N
ClientSampleId :
COMP-1



Tgt Ion:228 Resp: 607
Ion Ratio Lower Upper
228 100
226 31.1 21.5 32.3
229 21.4 15.8 23.6

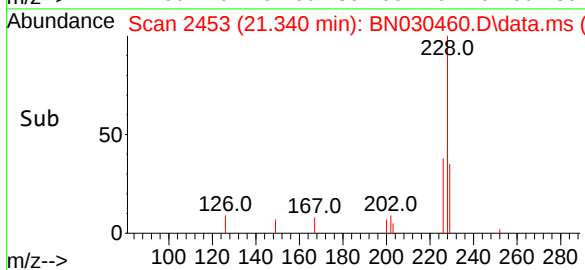
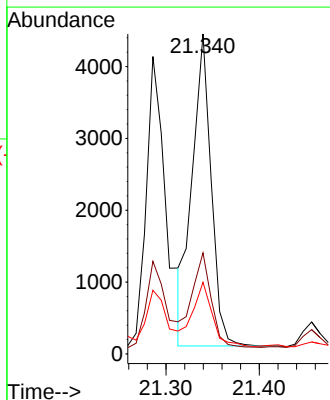
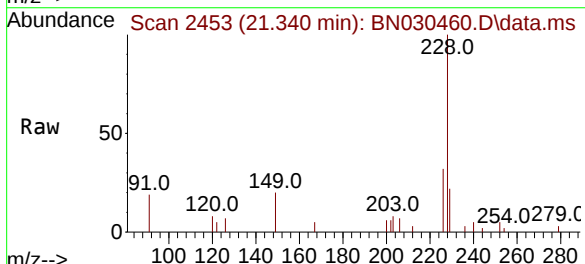
Manual Integrations
APPROVED

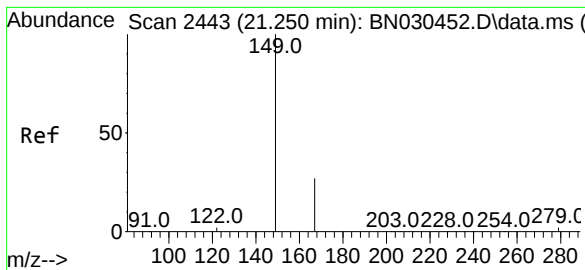
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#33
Chrysene
Concen: 0.058 ng
RT: 21.340 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

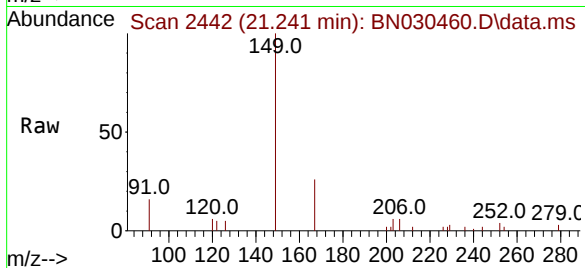
Tgt Ion:228 Resp: 6156
Ion Ratio Lower Upper
228 100
226 31.6 24.6 37.0
229 22.4 15.2 22.8





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.135 ng
RT: 21.241 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

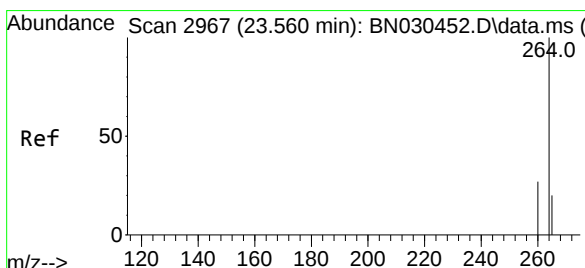
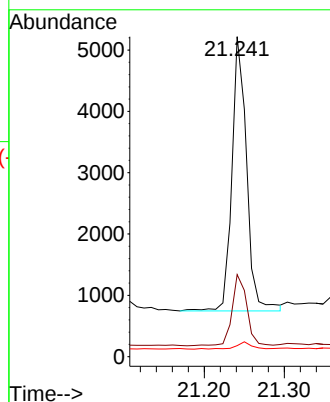
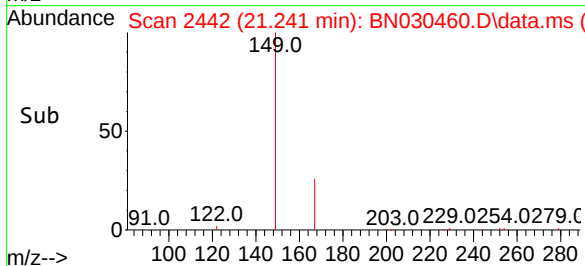
Instrument :
BNA_N
ClientSampleId :
COMP-1



Tgt Ion:149 Resp: 5680
Ion Ratio Lower Upper
149 100
167 26.1 21.2 31.8
279 2.8 1.8 2.8

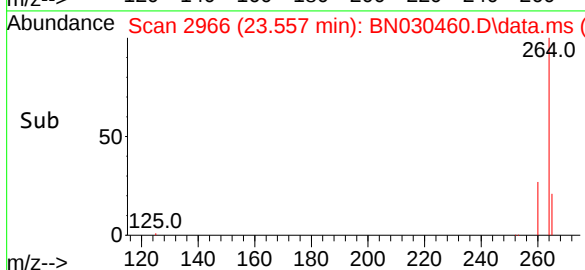
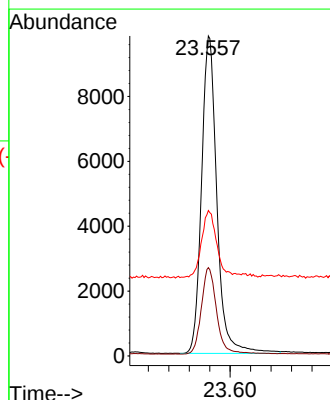
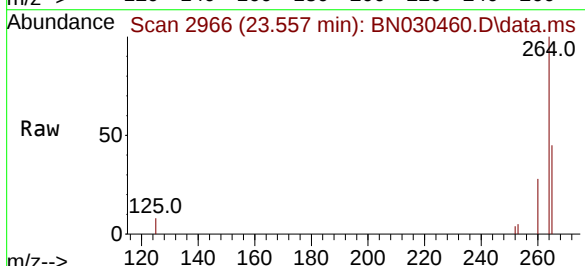
Manual Integrations
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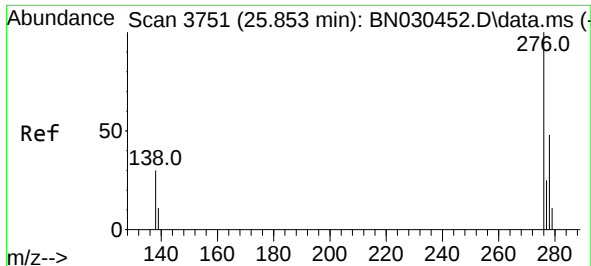
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.557 min Scan# 2966
Delta R.T. -0.003 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

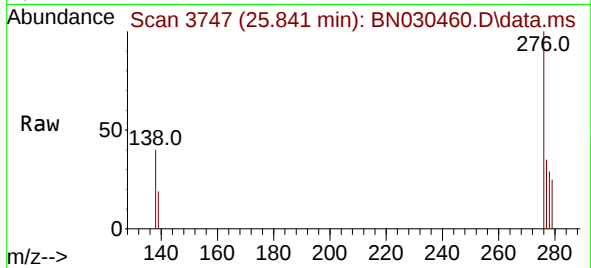
Tgt Ion:264 Resp: 20380
Ion Ratio Lower Upper
264 100
260 27.6 21.9 32.9
265 45.4 32.6 48.8





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng
RT: 25.841 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

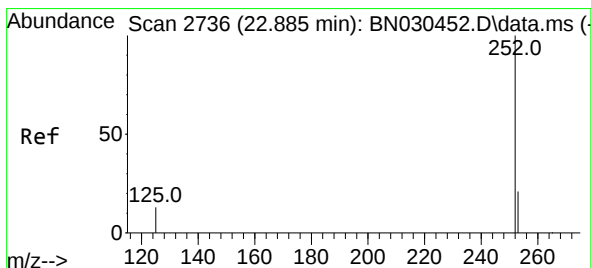
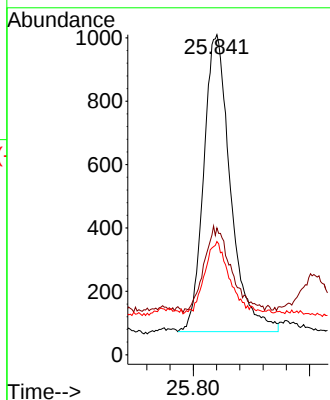
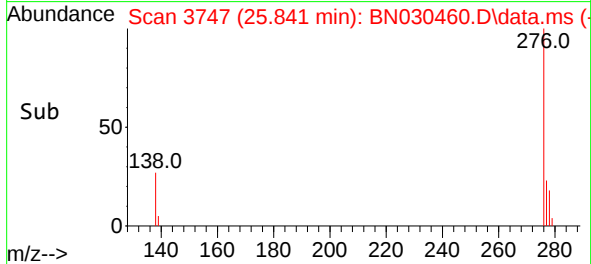
Instrument :
BNA_N
ClientSampleId :
COMP-1



Tgt Ion:276 Resp: 3000
Ion Ratio Lower Upper
276 100
138 12.9 24.8 37.2#
277 22.2 19.1 28.7

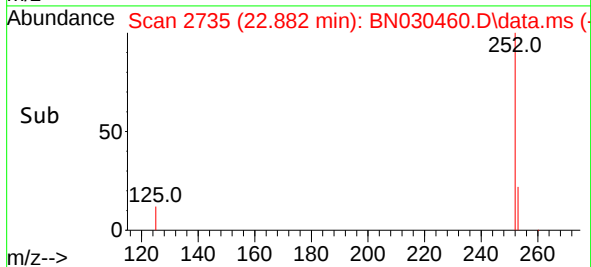
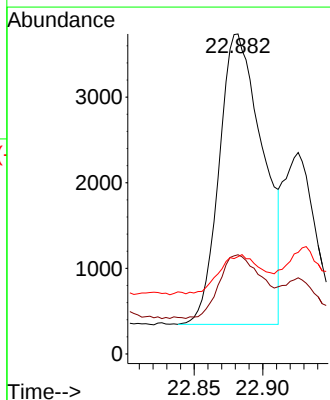
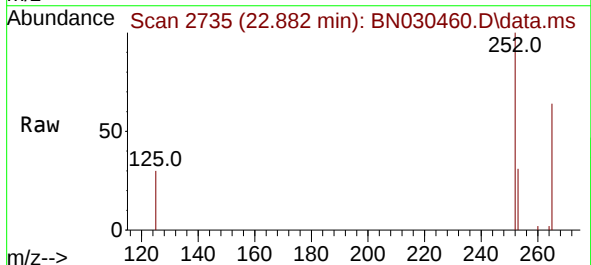
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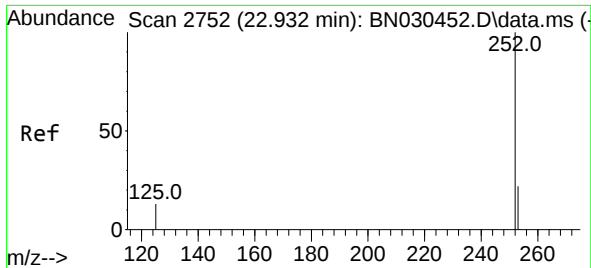
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#37
Benzo(b)fluoranthene
Concen: 0.084 ng
RT: 22.882 min Scan# 2735
Delta R.T. -0.003 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

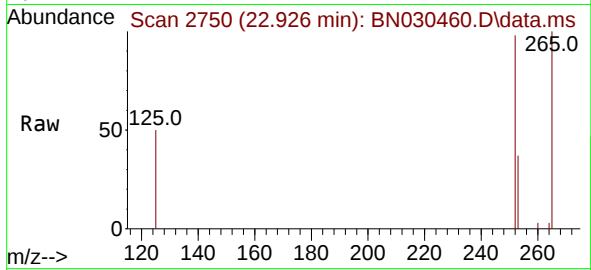
Tgt Ion:252 Resp: 7505
Ion Ratio Lower Upper
252 100
253 31.0 18.2 27.2#
125 30.4 12.0 18.0#





#38
Benzo(k)fluoranthene
Concen: 0.037 ng m
RT: 22.926 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

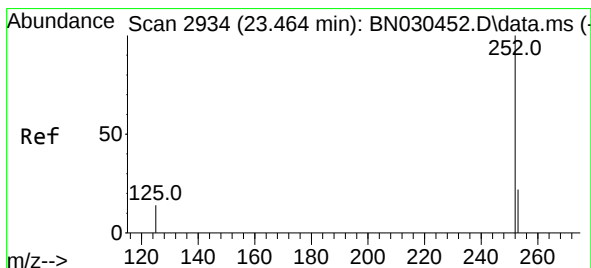
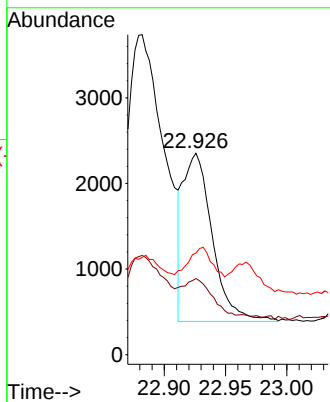
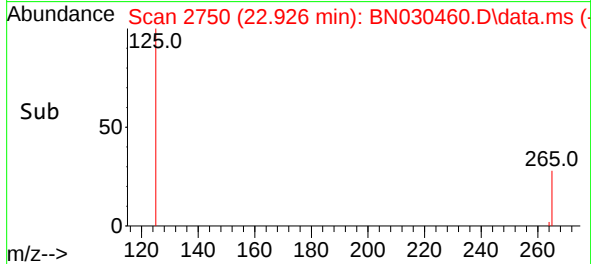
Instrument :
BNA_N
ClientSampleId :
COMP-1



Tgt Ion:252 Resp: 3264
Ion Ratio Lower Upper
252 100
253 37.8 18.7 28.1#
125 50.4 12.6 19.0#

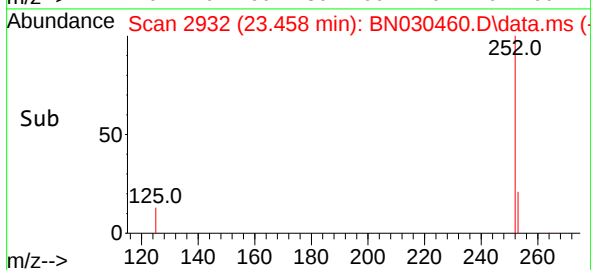
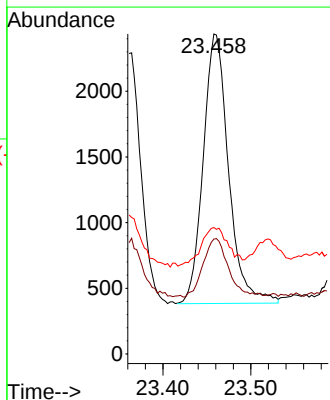
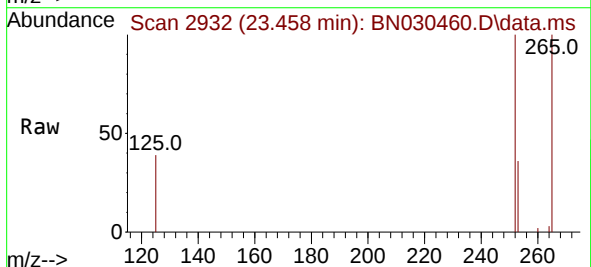
Manual Integrations
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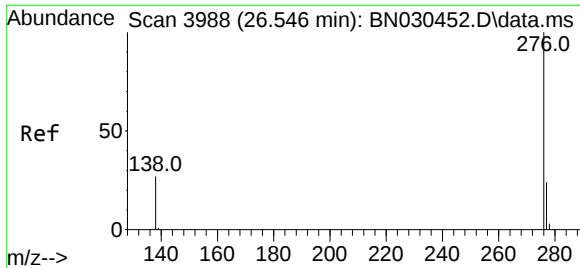
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#39
Benzo(a)pyrene
Concen: 0.060 ng
RT: 23.458 min Scan# 2932
Delta R.T. -0.006 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

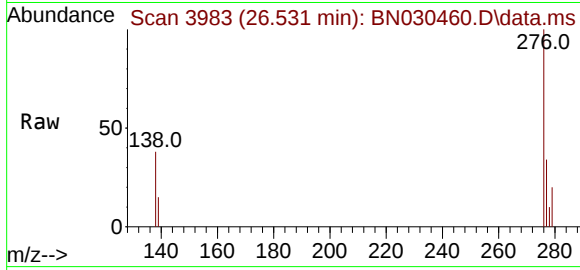
Tgt Ion:252 Resp: 4113
Ion Ratio Lower Upper
252 100
253 35.9 19.4 29.0#
125 39.5 14.6 22.0#





#41
Benzo(g,h,i)perylene
Concen: 0.047 ng
RT: 26.531 min Scan# 3983
Delta R.T. -0.015 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

Instrument :
BNA_N
ClientSampleId :
COMP-1



Tgt Ion:276 Resp: 3404
Ion Ratio Lower Upper
276 100
277 33.9 20.0 30.0
138 38.4 22.8 34.2

Manual Integrations
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Supervised By :mohammad ahmed 03/26/2024

