

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033215.D
 Acq On : 02 Aug 2024 23:25
 Operator : MA/JU
 Sample : P3410-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW-S-864-9-14-073024

Quant Time: Aug 03 01:11:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 02 22:49:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.532	152	2339m	0.400	ng	0.03
7) Naphthalene-d8	10.298	136	7916	0.400	ng	# 0.01
13) Acenaphthene-d10	14.137	164	3958	0.400	ng	0.00
19) Phenanthrene-d10	16.920	188	7205	0.400	ng	0.00
29) Chrysene-d12	21.134	240	5794	0.400	ng	0.00
35) Perylene-d12	23.315	264	6807	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.221	112	1327m	0.224	ng	-0.02
5) Phenol-d6	6.961	99	1604m	0.218	ng	0.08
8) Nitrobenzene-d5	8.845	82	2365	0.397	ng	0.03
11) 2-Methylnaphthalene-d10	11.890	152	3908	0.323	ng	-0.01
14) 2,4,6-Tribromophenol	15.704	330	455	0.269	ng	-0.01
15) 2-Fluorobiphenyl	12.768	172	6567	0.446	ng	-0.02
27) Fluoranthene-d10	18.959	212	6787	0.364	ng	0.00
31) Terphenyl-d14	19.549	244	5923	0.499	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.076	88	23403	8.077	ng	# 89
9) Naphthalene	10.351	128	839	0.038	ng	# 51
32) Benzo(a)anthracene	21.125	228	726	0.040	ng	# 72
33) Chrysene	21.178	228	1118	0.051	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.008	149	1625	0.160	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.540	276	1338m	0.050	ng	
37) Benzo(b)fluoranthene	22.671	252	984	0.042	ng	# 10
38) Benzo(k)fluoranthene	22.715	252	1147	0.042	ng	# 9
39) Benzo(a)pyrene	23.236	252	699	0.033	ng	# 1
40) Dibenzo(a,h)anthracene	25.528	278	1073	0.051	ng	# 2
41) Benzo(g,h,i)perylene	26.209	276	1060	0.045	ng	# 41

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

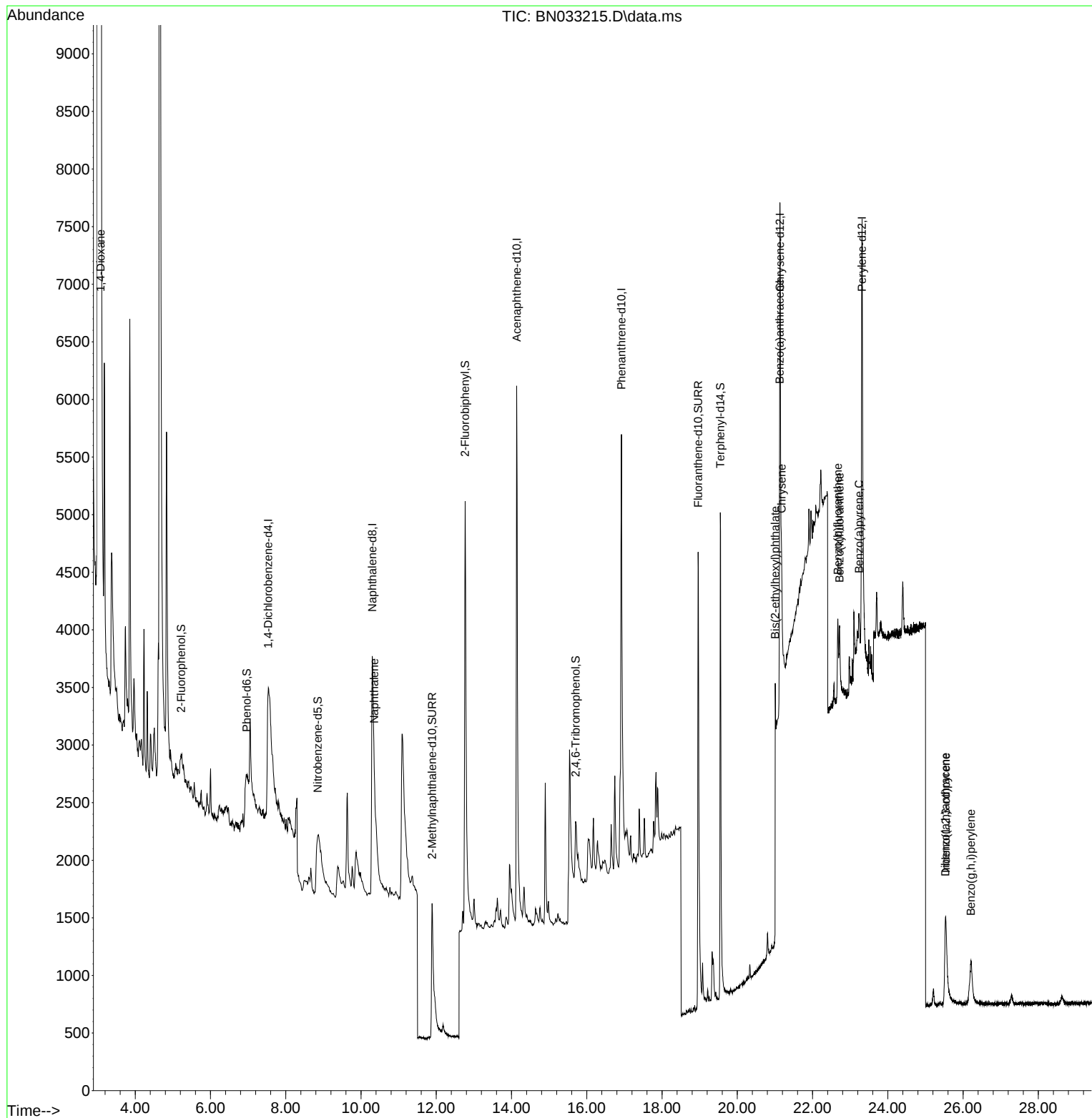
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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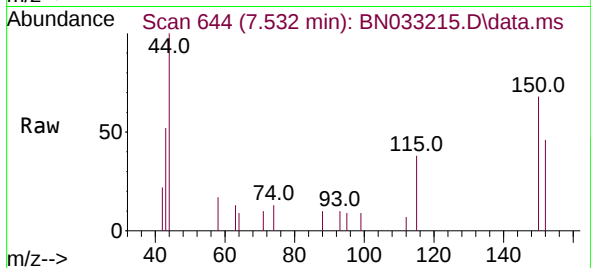
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng m
 RT: 7.532 min Scan# 644
 Delta R.T. 0.029 min
 Lab File: BN033215.D
 Acq: 02 Aug 2024 23:25

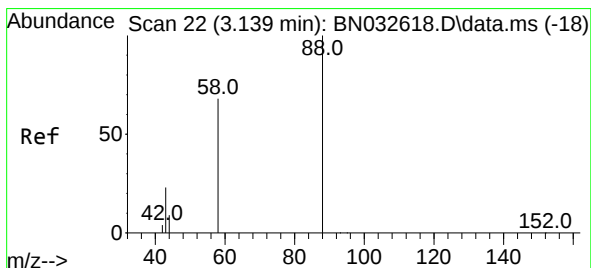
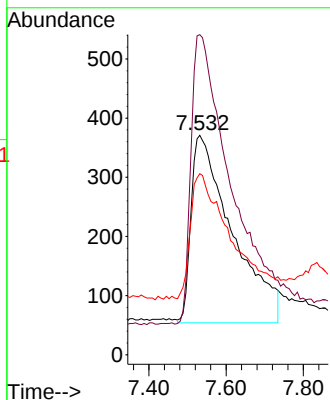
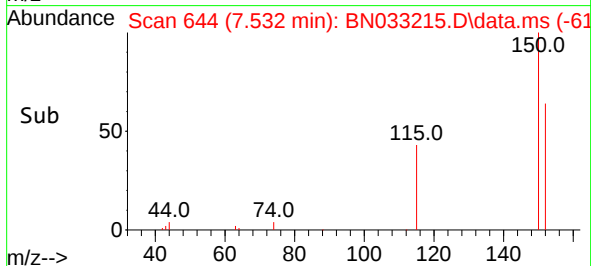
Instrument :
 BNA_N
 ClientSampleId :
 GW-S-864-9-14-073024



Tgt Ion:152 Resp: 2339
 Ion Ratio Lower Upper
 152 100
 150 145.8 123.8 185.6
 115 82.5 52.8 79.2

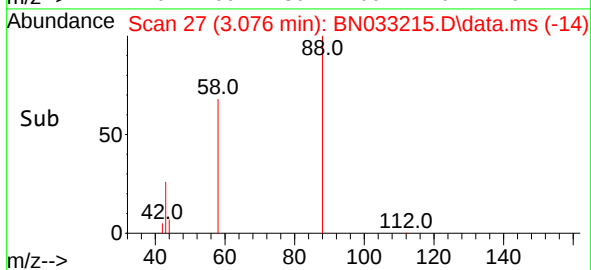
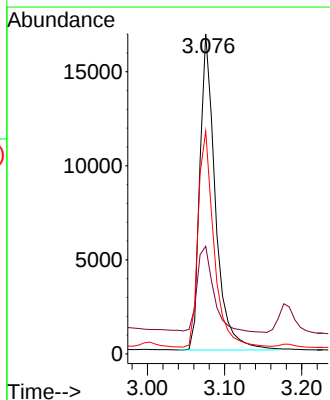
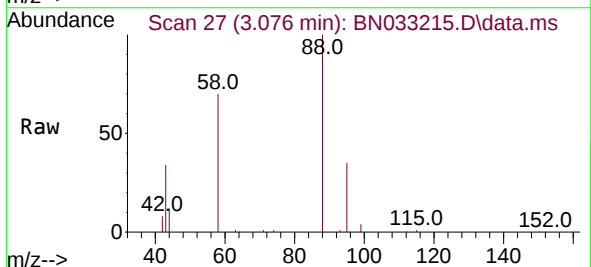
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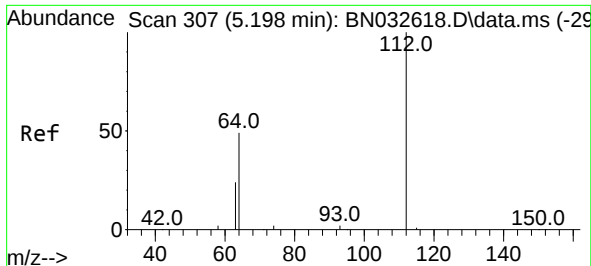
Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/07/2024



#2
 1,4-Dioxane
 Concen: 8.077 ng
 RT: 3.076 min Scan# 27
 Delta R.T. -0.007 min
 Lab File: BN033215.D
 Acq: 02 Aug 2024 23:25

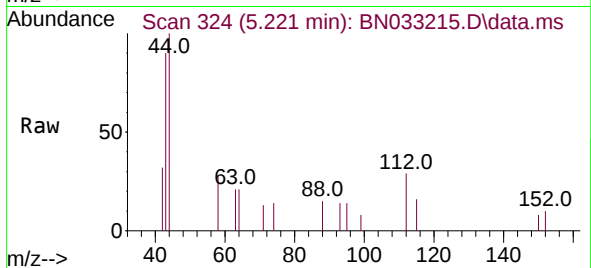
Tgt Ion: 88 Resp: 23403
 Ion Ratio Lower Upper
 88 100
 43 28.9 18.4 27.6
 58 69.7 49.2 73.8





#4
2-Fluorophenol
Concen: 0.224 ng m
RT: 5.221 min Scan# 31
Delta R.T. -0.022 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25

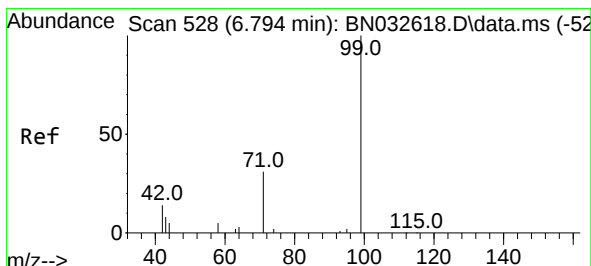
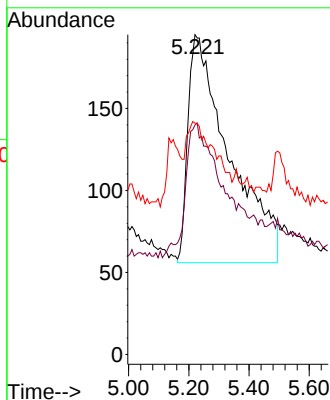
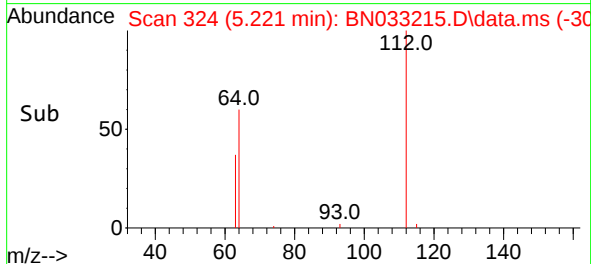
Instrument :
BNA_N
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GW-S-864-9-14-073024



Tgt Ion: 112 Resp: 132
Ion Ratio Lower Upper
112 100
64 48.5 40.2 60.4
63 15.4 22.2 33.4

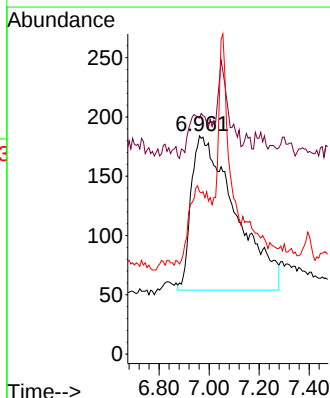
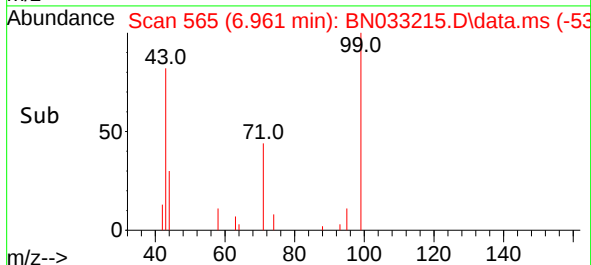
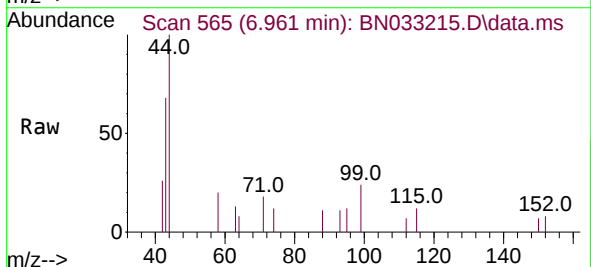
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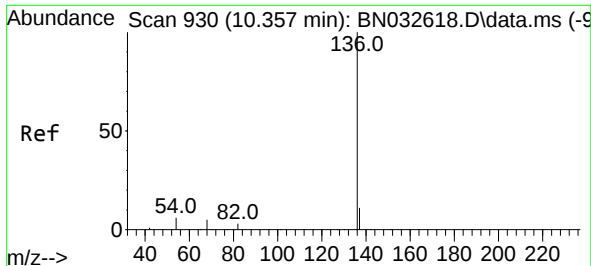
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#5
Phenol-d6
Concen: 0.218 ng m
RT: 6.961 min Scan# 565
Delta R.T. 0.080 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25

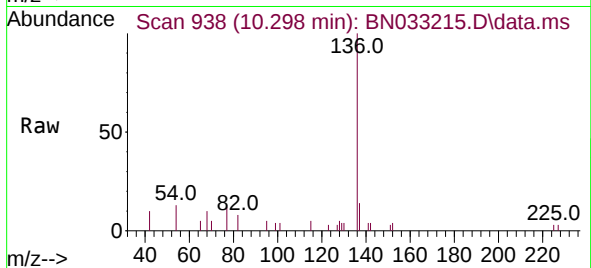
Tgt Ion: 99 Resp: 1604
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 23.4 22.3 33.5





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.298 min Scan# 910
Delta R.T. 0.011 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25

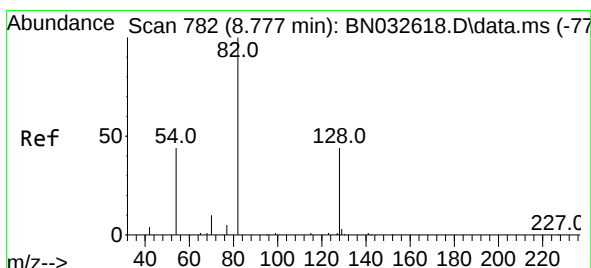
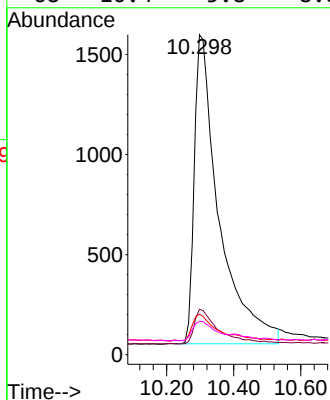
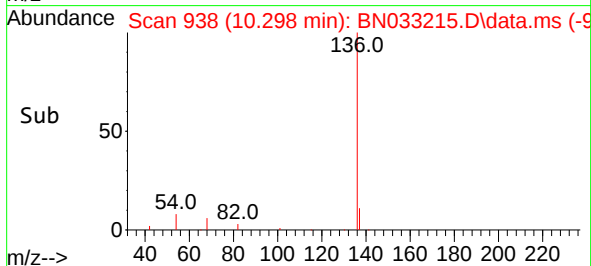
Instrument :
BNA_N
ClientSampleId :
GW-S-864-9-14-073024



Tgt Ion:	136	Resp:	7910
Ion	Ratio	Lower	Upper
136	100		
137	14.2	9.9	14.9
54	12.6	6.5	9.7
68	10.4	5.8	8.8

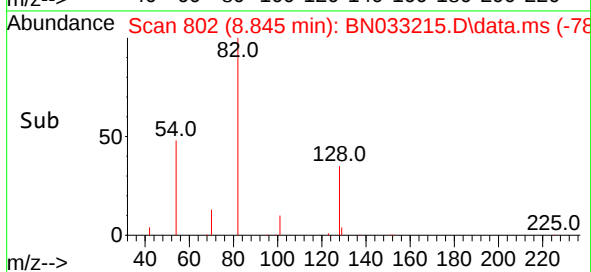
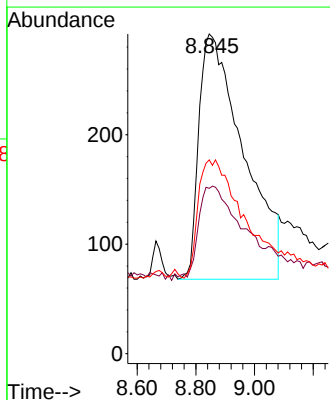
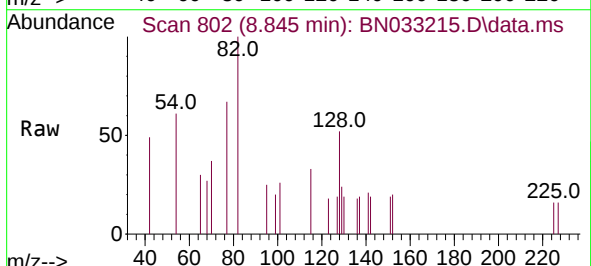
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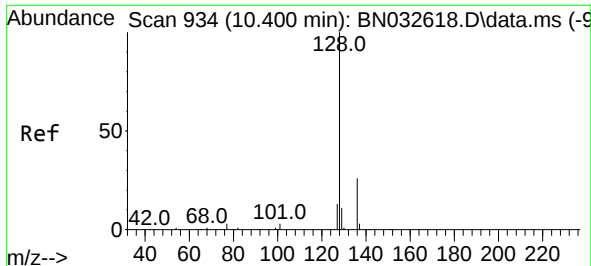
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#8
Nitrobenzene-d5
Concen: 0.397 ng
RT: 8.845 min Scan# 802
Delta R.T. 0.032 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25

Tgt Ion:	82	Resp:	2365
Ion	Ratio	Lower	Upper
82	100		
128	51.7	41.7	62.5
54	60.6	39.5	59.3





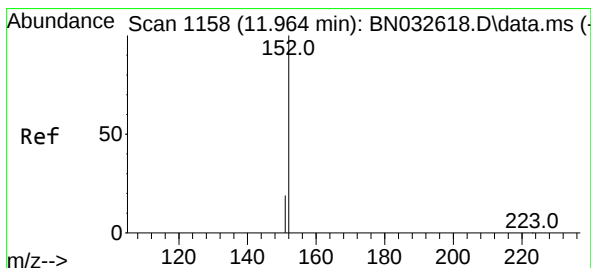
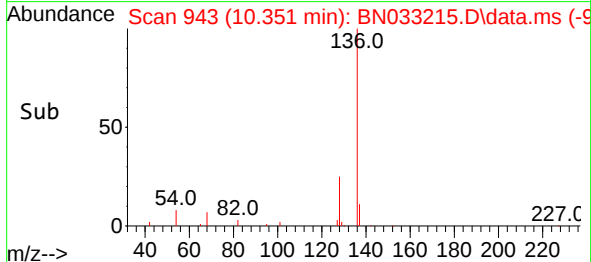
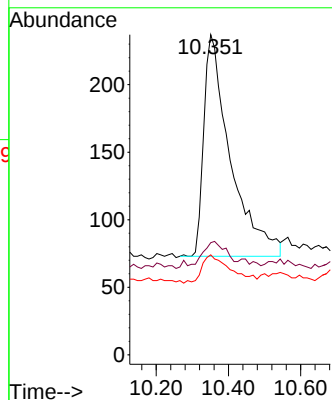
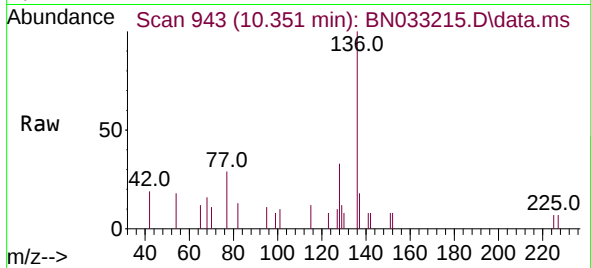
#9
Naphthalene
Concen: 0.038 ng
RT: 10.351 min Scan# 943
Delta R.T. 0.011 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25

Instrument :
BNA_N
ClientSampleId :
GW-S-864-9-14-073024

Tgt Ion:128 Resp: 839
Ion Ratio Lower Upper
128 100
129 35.0 9.8 14.8
127 31.2 11.5 17.3

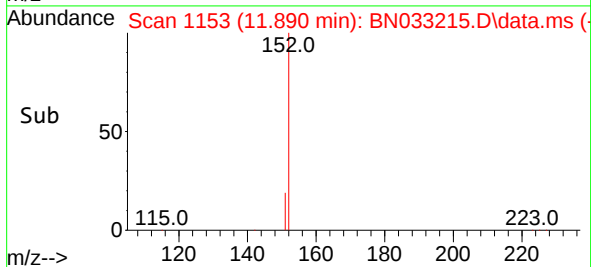
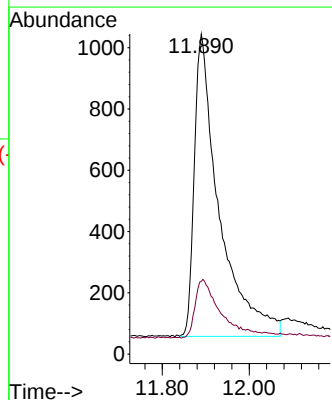
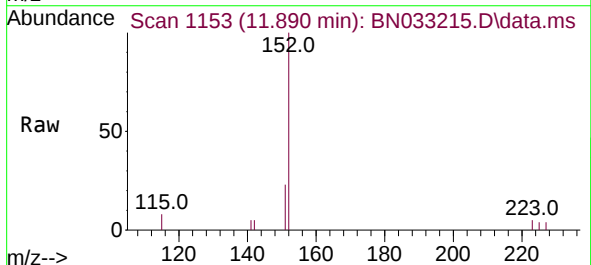
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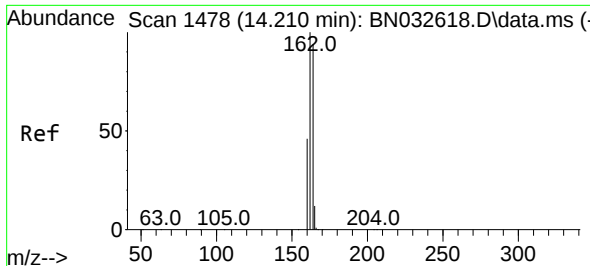
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 11.890 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25

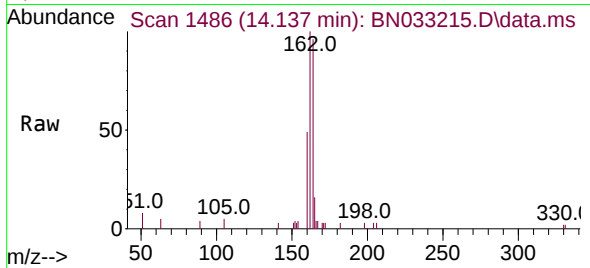
Tgt Ion:152 Resp: 3908
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.137 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25

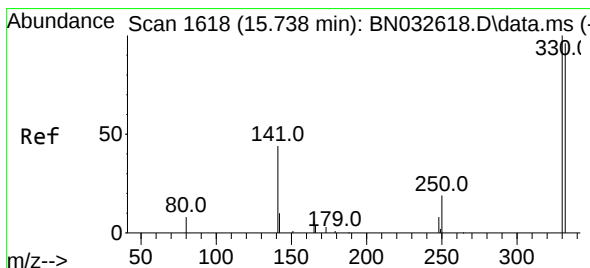
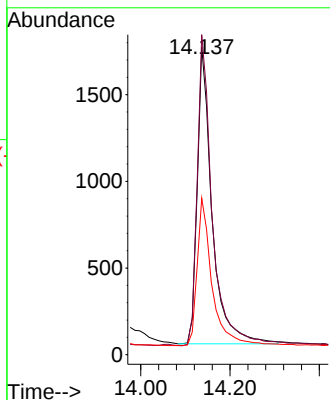
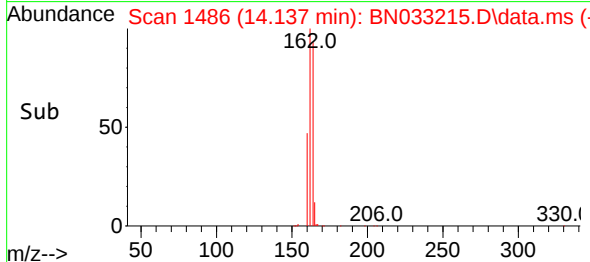
Instrument :
BNA_N
ClientSampleId :
GW-S-864-9-14-073024



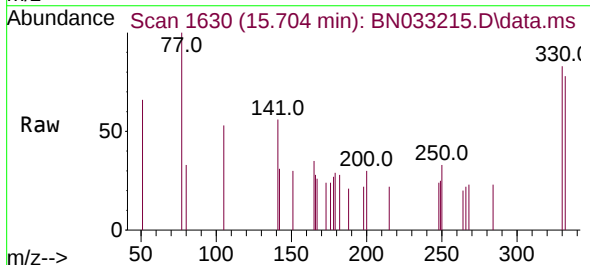
Tgt Ion:164 Resp: 3958
Ion Ratio Lower Upper
164 100
162 103.9 85.0 127.4
160 50.8 39.4 59.2

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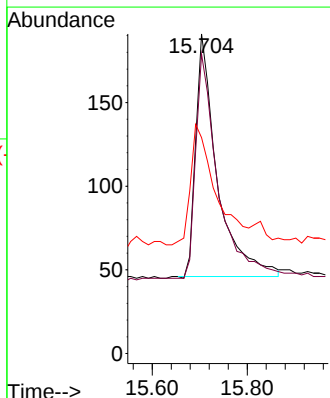
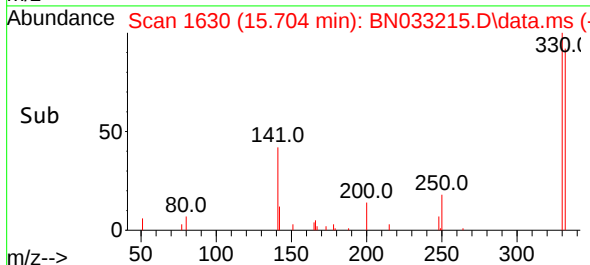
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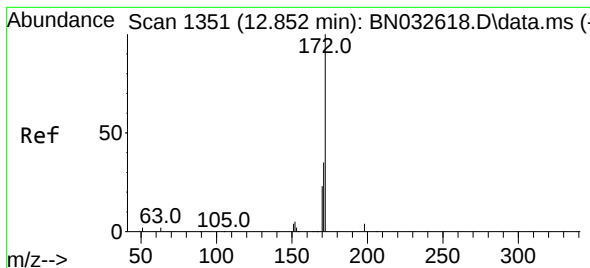


#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.704 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25



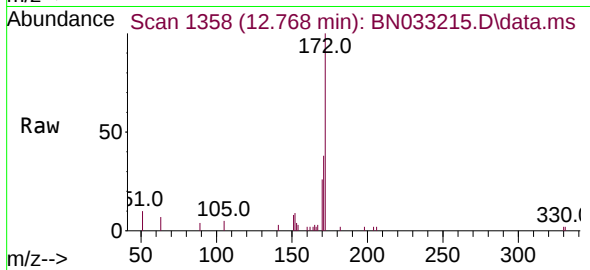
Tgt Ion:330 Resp: 455
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 58.0 34.2 51.2#





#15
2-Fluorobiphenyl
Concen: 0.446 ng
RT: 12.768 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25

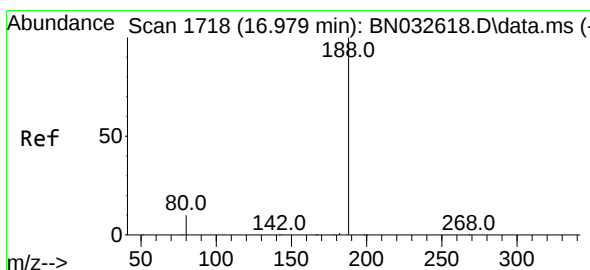
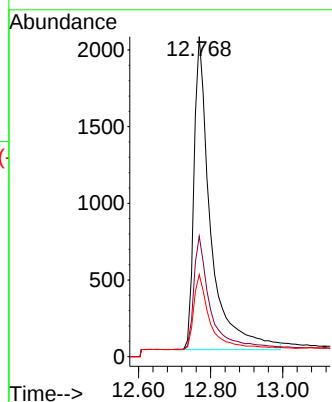
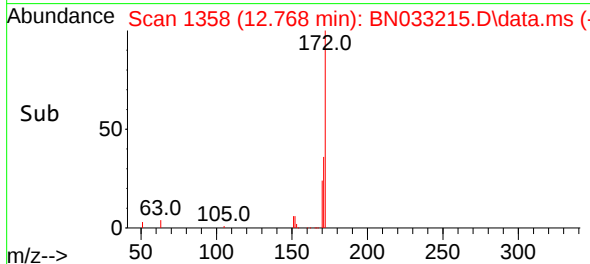
Instrument :
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GW-S-864-9-14-073024



Tgt Ion:172 Resp: 656
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 25.6 19.0 28.6

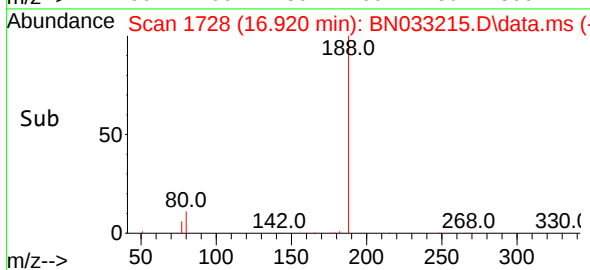
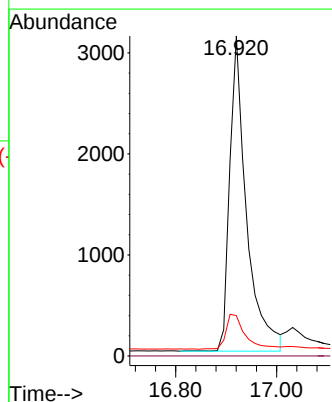
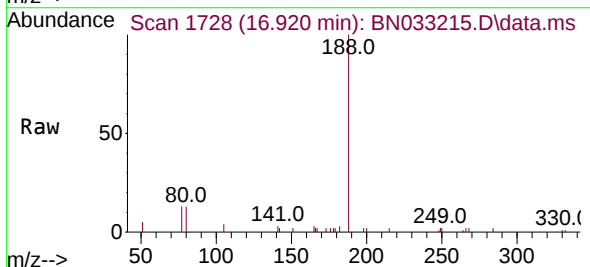
Manual Integrations
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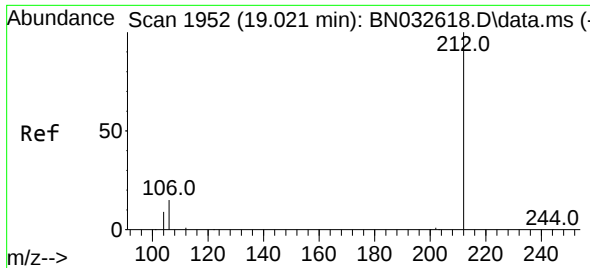
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.920 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25

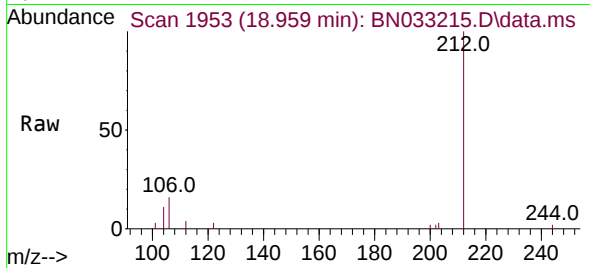
Tgt Ion:188 Resp: 7205
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 8.8 13.2





#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 18.959 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25

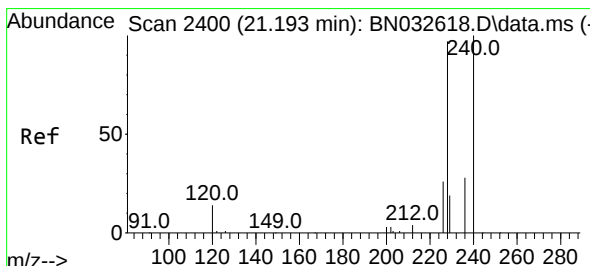
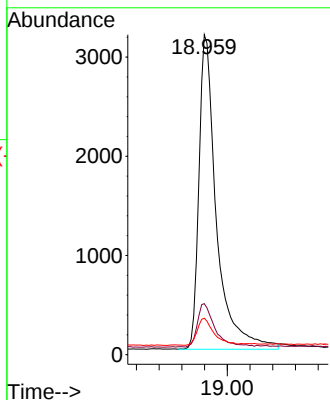
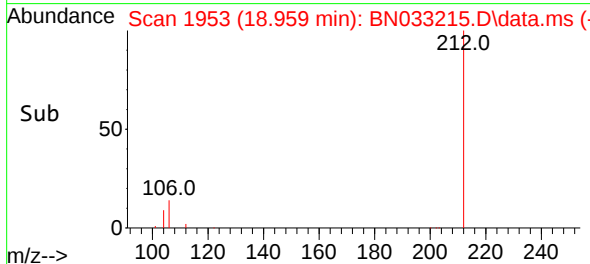
Instrument :
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Tgt Ion:212 Resp: 678
Ion Ratio Lower Upper
212 100
106 13.6 11.9 17.9
104 8.1 6.9 10.3

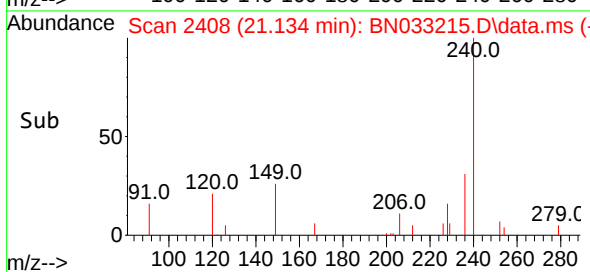
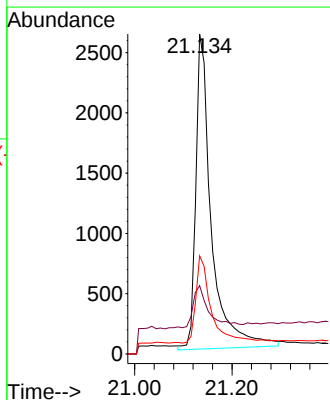
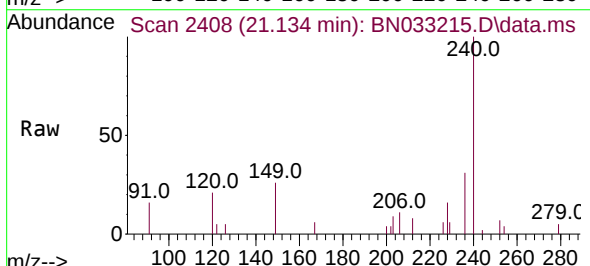
Manual Integrations
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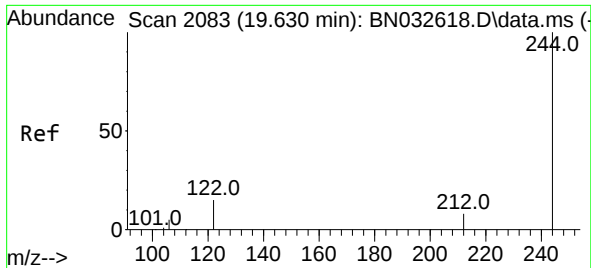
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.134 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25

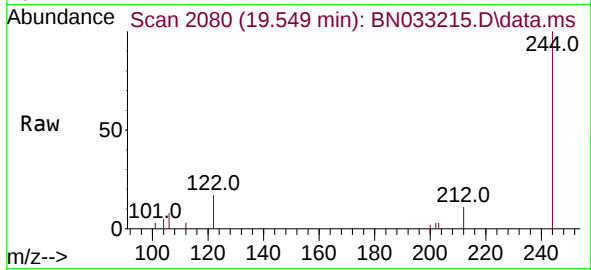
Tgt Ion:240 Resp: 5794
Ion Ratio Lower Upper
240 100
120 21.3 14.8 22.2
236 30.7 23.3 34.9





#31
Terphenyl-d14
Concen: 0.499 ng
RT: 19.549 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25

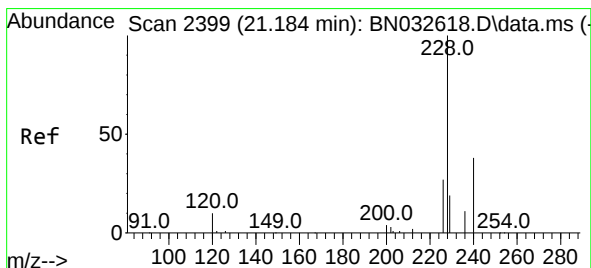
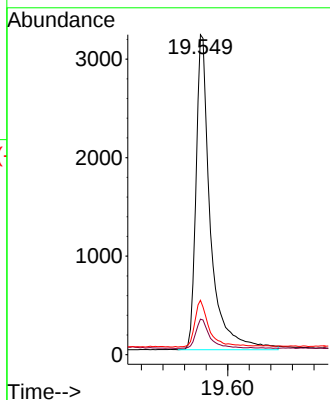
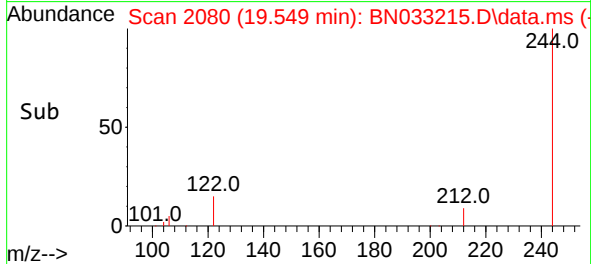
Instrument :
BNA_N
ClientSampleId :
GW-S-864-9-14-073024



Tgt Ion:244 Resp: 592.0
Ion Ratio Lower Upper
244 100
212 11.1 7.5 11.3
122 17.0 12.6 19.0

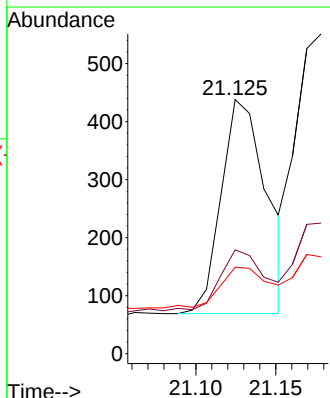
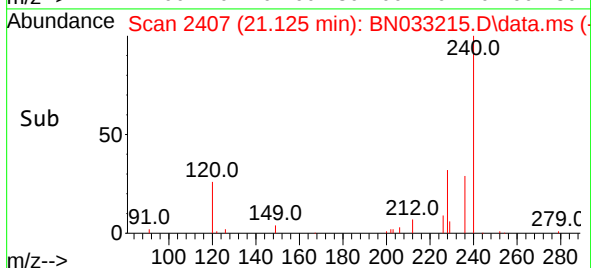
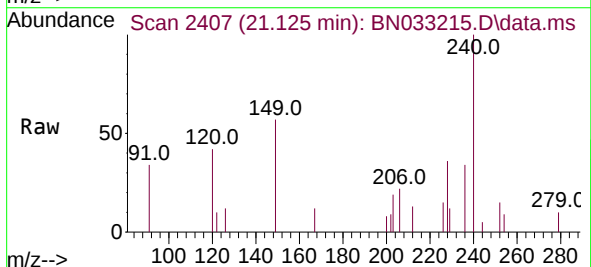
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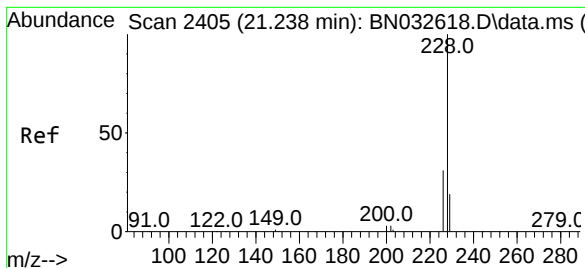
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#32
Benzo(a)anthracene
Concen: 0.040 ng
RT: 21.125 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25

Tgt Ion:228 Resp: 726
Ion Ratio Lower Upper
228 100
226 40.9 21.8 32.6#
229 34.0 16.0 24.0#





#33

Chrysene

Concen: 0.051 ng

RT: 21.178 min Scan# 2405

Delta R.T. 0.009 min

Lab File: BN033215.D

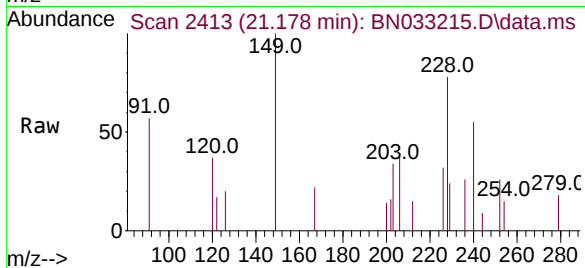
Acq: 02 Aug 2024 23:25

Instrument :

BNA_N

ClientSampleId :

GW-S-864-9-14-073024



Tgt Ion:228 Resp: 1118

Ion Ratio Lower Upper

228 100

226 40.8 24.2 36.2

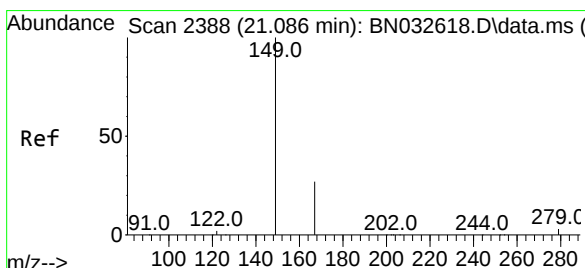
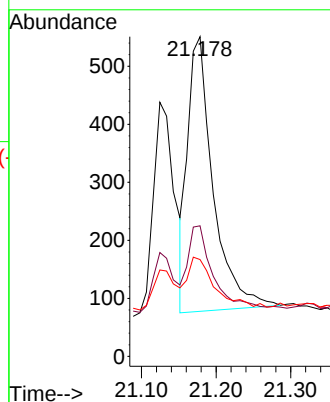
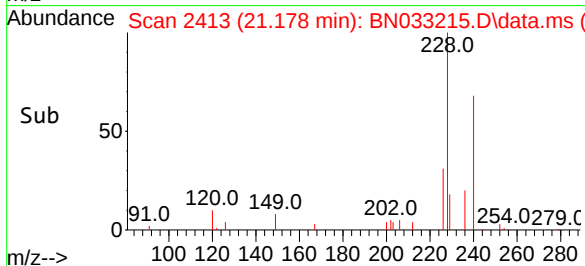
229 30.3 16.0 24.0

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Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/07/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.160 ng

RT: 21.008 min Scan# 2394

Delta R.T. 0.000 min

Lab File: BN033215.D

Acq: 02 Aug 2024 23:25

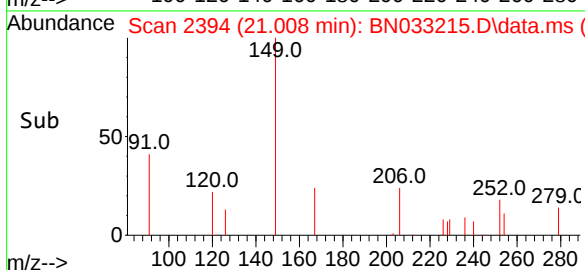
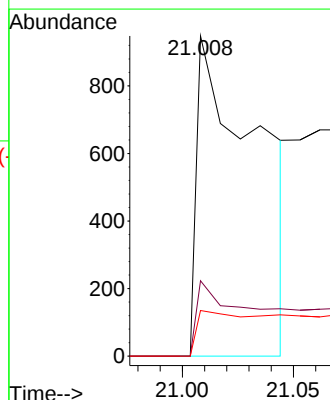
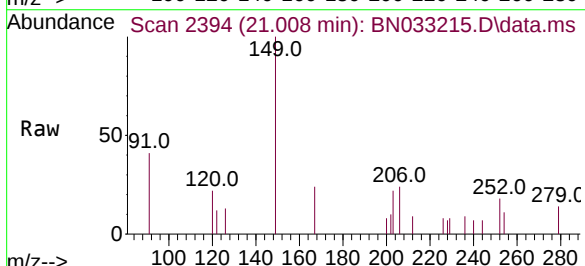
Tgt Ion:149 Resp: 1625

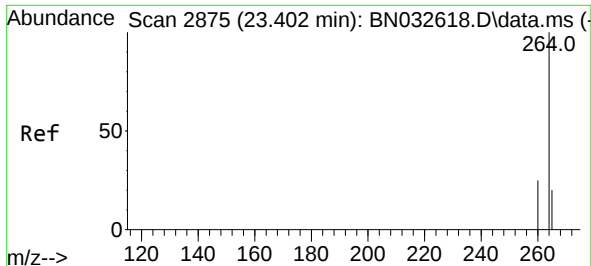
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.2

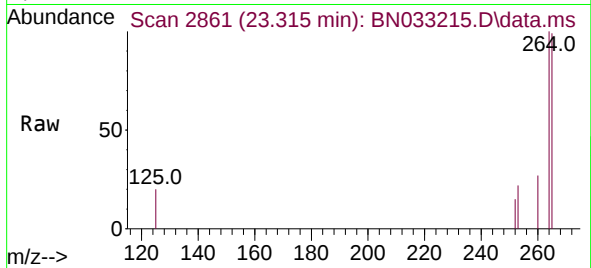
279 9.4 2.8 4.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.315 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN033215.D
 Acq: 02 Aug 2024 23:25

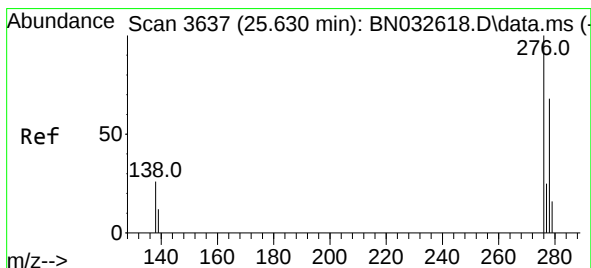
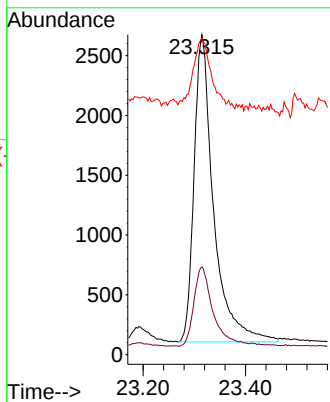
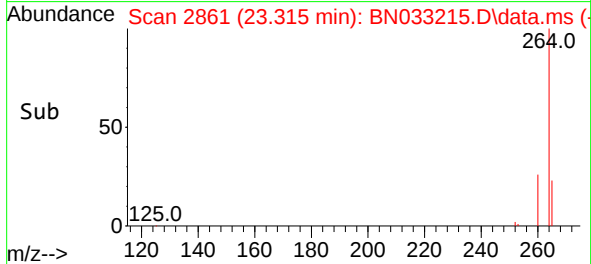
Instrument :
 BNA_N
 ClientSampleId :
 GW-S-864-9-14-073024



Tgt Ion:264 Resp: 680
 Ion Ratio Lower Upper
 264 100
 260 27.4 20.9 31.3
 265 99.0 85.4 128.2

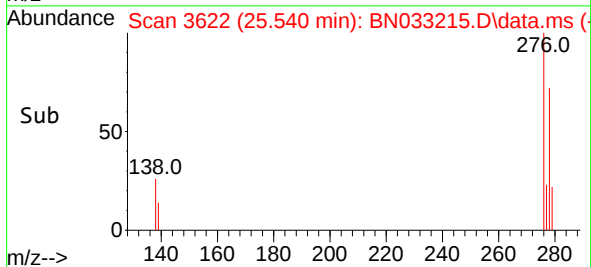
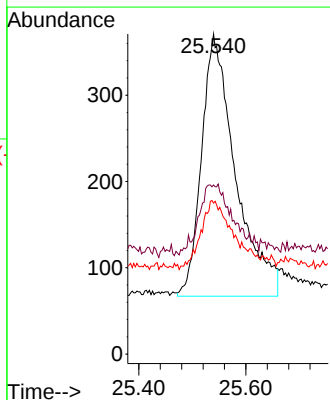
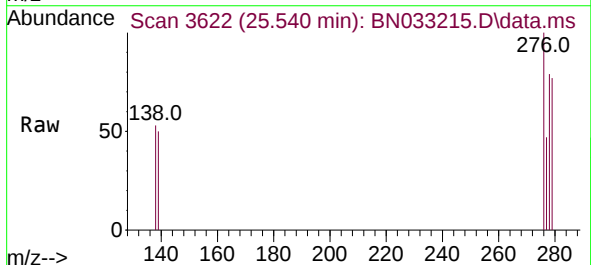
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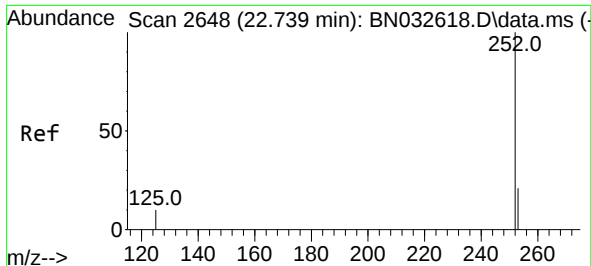
Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/07/2024



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.050 ng m
 RT: 25.540 min Scan# 3622
 Delta R.T. 0.032 min
 Lab File: BN033215.D
 Acq: 02 Aug 2024 23:25

Tgt Ion:276 Resp: 1338
 Ion Ratio Lower Upper
 276 100
 138 18.4 21.0 31.4#
 277 22.1 19.5 29.3





#37

Benzo(b)fluoranthene

Concen: 0.042 ng

RT: 22.671 min Scan# 2641

Delta R.T. 0.012 min

Lab File: BN033215.D

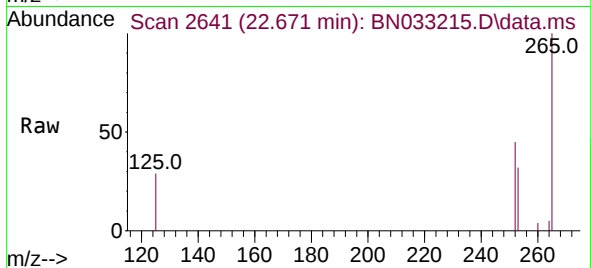
Acq: 02 Aug 2024 23:25

Instrument :

BNA_N

ClientSampleId :

GW-S-864-9-14-073024



Tgt Ion:252 Resp: 984

Ion Ratio Lower Upper

252 100

253 71.7 22.3 33.5

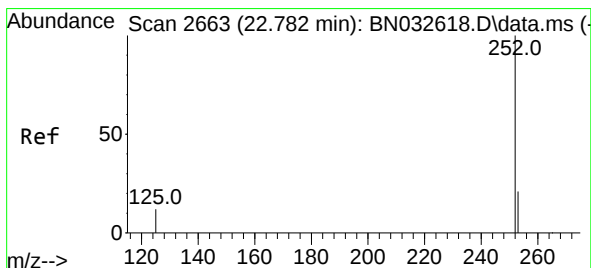
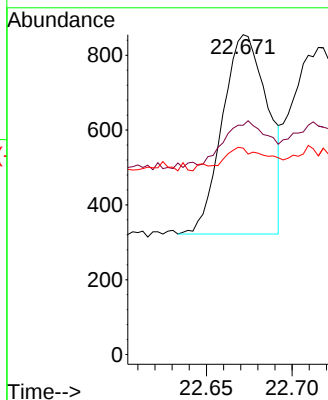
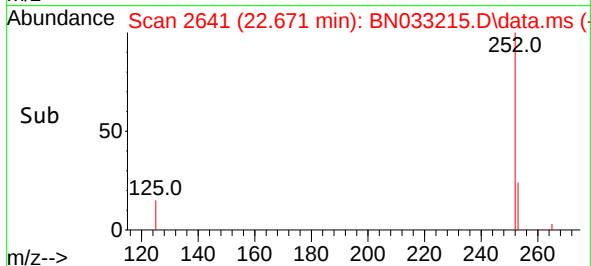
125 64.6 15.4 23.2

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Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/07/2024



#38

Benzo(k)fluoranthene

Concen: 0.042 ng

RT: 22.715 min Scan# 2656

Delta R.T. 0.012 min

Lab File: BN033215.D

Acq: 02 Aug 2024 23:25

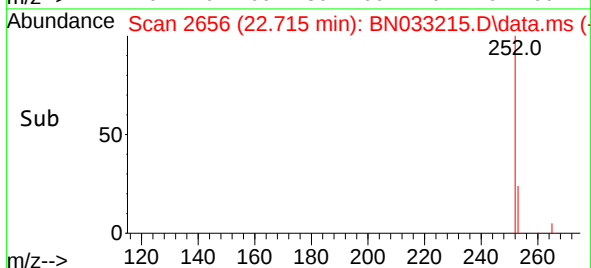
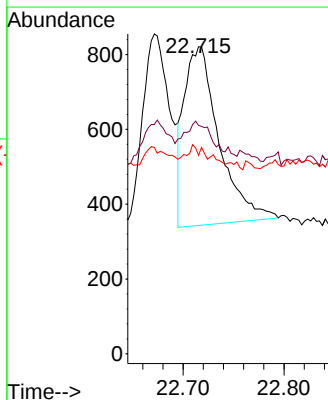
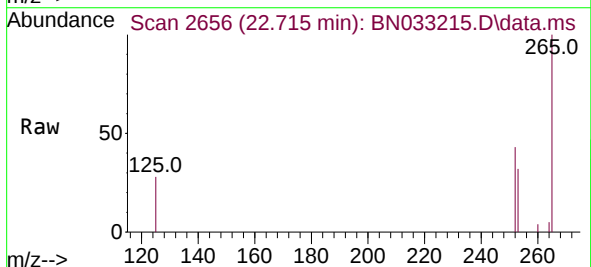
Tgt Ion:252 Resp: 1147

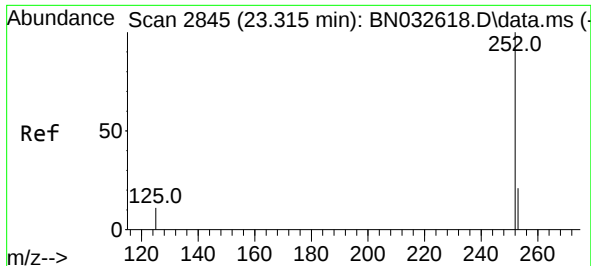
Ion Ratio Lower Upper

252 100

253 74.4 22.6 34.0#

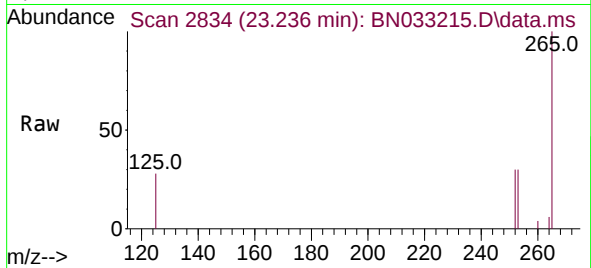
125 64.7 16.2 24.4#





#39
Benzo(a)pyrene
Concen: 0.033 ng
RT: 23.236 min Scan# 21
Delta R.T. 0.012 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25

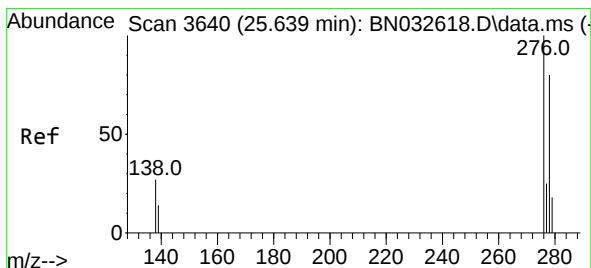
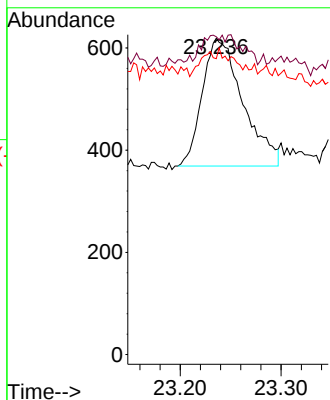
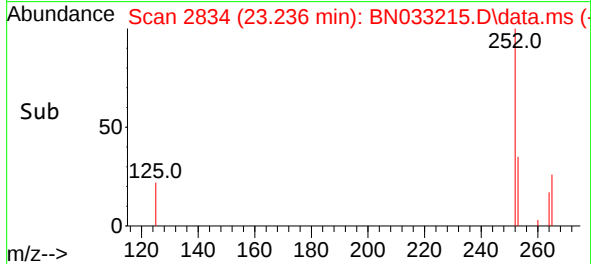
Instrument :
BNA_N
ClientSampleId :
GW-S-864-9-14-073024



Tgt Ion:252 Resp: 699
Ion Ratio Lower Upper
252 100
253 100.5 25.8 38.8#
125 93.5 21.4 32.2#

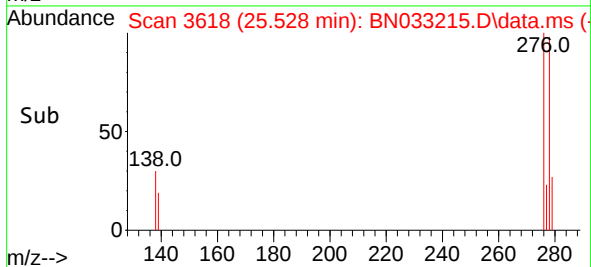
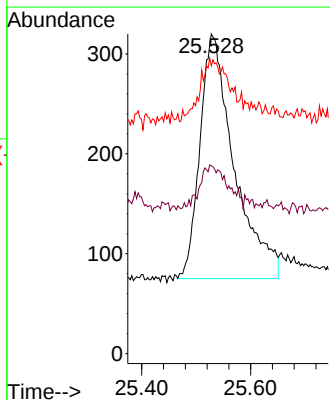
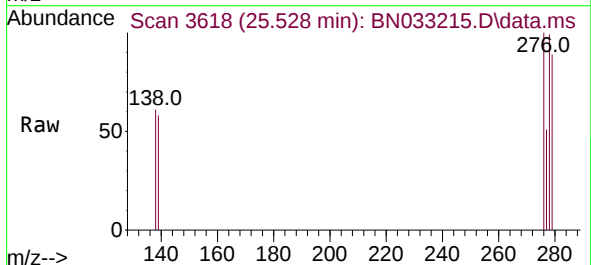
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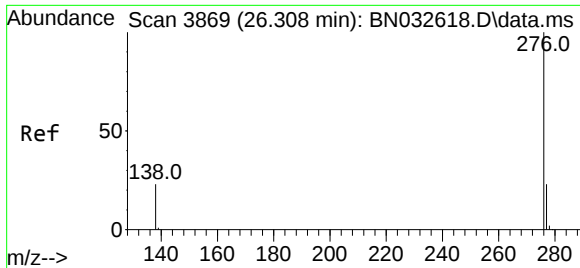
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.051 ng
RT: 25.528 min Scan# 3618
Delta R.T. 0.021 min
Lab File: BN033215.D
Acq: 02 Aug 2024 23:25

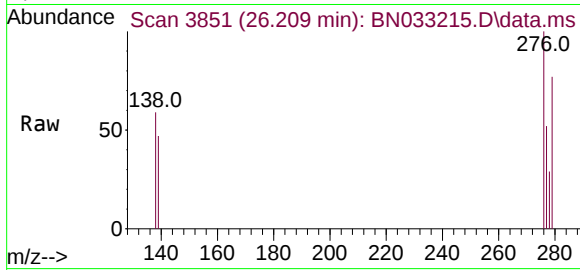
Tgt Ion:278 Resp: 1073
Ion Ratio Lower Upper
278 100
139 58.7 16.7 25.1#
279 90.0 24.3 36.5#





#41
 Benzo(g,h,i)perylene
 Concen: 0.045 ng
 RT: 26.209 min Scan# 31
 Delta R.T. 0.032 min
 Lab File: BN033215.D
 Acq: 02 Aug 2024 23:25

Instrument :
 BNA_N
 ClientSampleId :
 GW-S-864-9-14-073024



Tgt Ion:	276	Resp:	1060
Ion	Ratio	Lower	Upper
276	100		
277	51.6	20.2	30.2
138	58.7	20.5	30.7

Manual Integrations
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Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/07/2024

