

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031936.D
 Acq On : 12 Jun 2024 11:27
 Operator : MA/JU
 Sample : P2659-09DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC30DL

Quant Time: Jun 12 23:03:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	362156	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1659943	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1104349	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	2273911	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1629659	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1545069	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	7078	0.809	ng/uL	0.00
4) Pyridine-d5	3.599	84	22225	0.902	ng/u1	0.02
7) Phenol-d5	6.834	99	142166	4.579	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	88818	4.891	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	117208	4.948	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	105898	4.184	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	59860	4.716	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	59072	4.506	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	114071	4.661	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	60176	1.656	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	386723	5.027	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	432337	4.887	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	43036	2.794	ng/u1	0.00
60) Fluorene-d10	15.298	176	332759	5.112	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	29636	2.593	ng/u1	0.00
73) Anthracene-d10	17.151	188	507098	5.209	ng/u1	0.00
81) Pyrene-d10	19.451	212	504889	5.790	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	260956	3.537	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.022	152	131197	1.312	ng/u1	97
61) Fluorene	15.351	166	80891	1.118	ng/u1	96
72) Phenanthrene	17.092	178	2290187	19.771	ng/u1	98
74) Anthracene	17.186	178	348695	2.971	ng/u1	99
77) Carbazole	17.463	167	139790	1.397	ng/u1	100
80) Fluoranthene	19.116	202	3561621	34.174	ng/u1	100
82) Pyrene	19.480	202	2547959	23.828	ng/u1	98
85) Benzo(a)anthracene	21.275	228	1324831	12.145	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.198	149	97439	1.324	ng/u1	97
87) Chrysene	21.333	228	1257391m	12.341	ng/u1	
90) Benzo(b)fluoranthene	23.292	252	1331643	14.419	ng/u1	97
91) Benzo(k)fluoranthene	23.351	252	462854	5.108	ng/u1	99
93) Benzo(a)pyrene	24.080	252	540394	6.248	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.504	276	469508	4.711	ng/u1	98
95) Dibenzo(a,h)anthracene	27.545	278	151438	1.861	ng/u1#	92

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

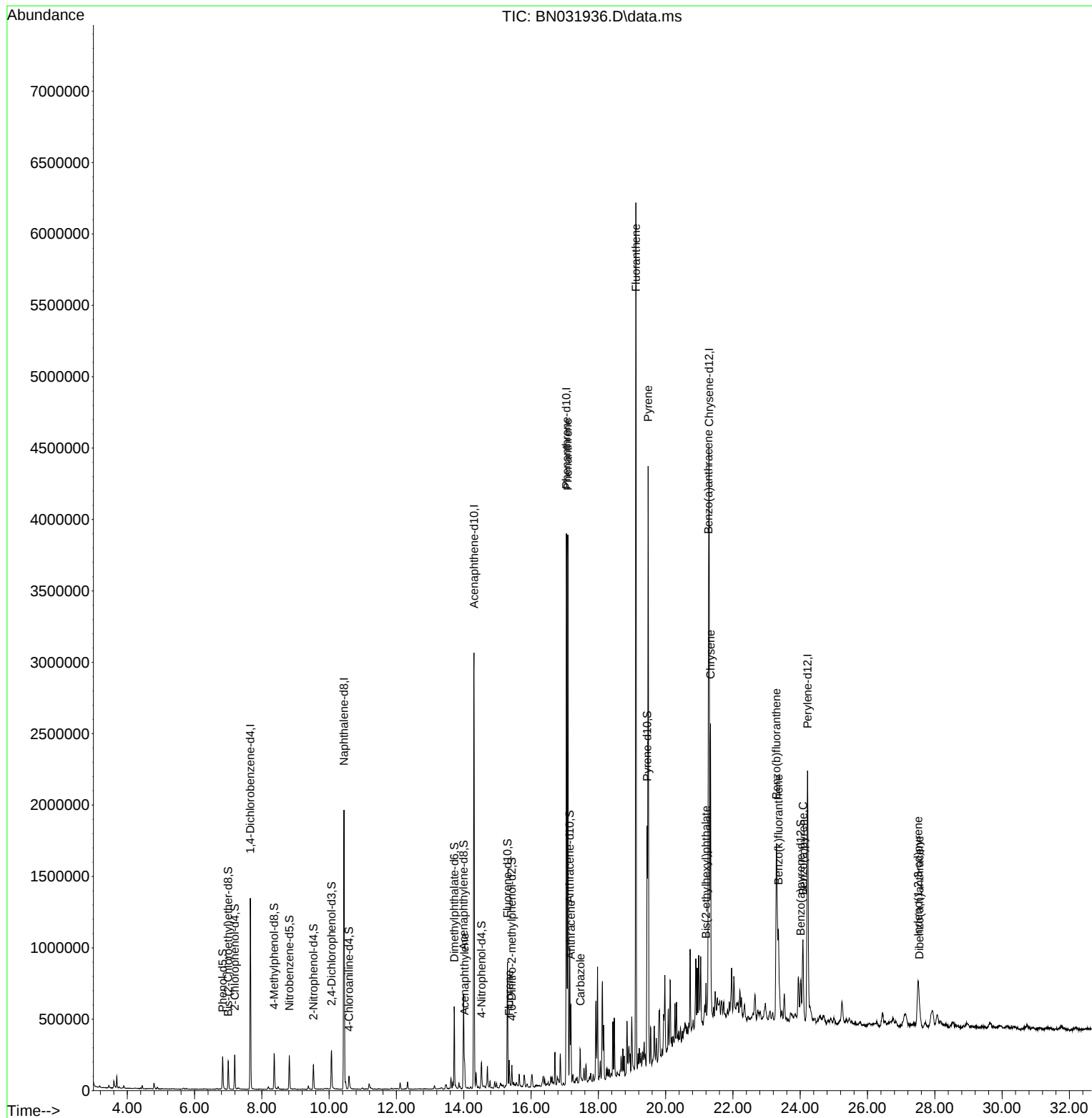
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031936.D
Acq On : 12 Jun 2024 11:27
Operator : MA/JU
Sample : P2659-09DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

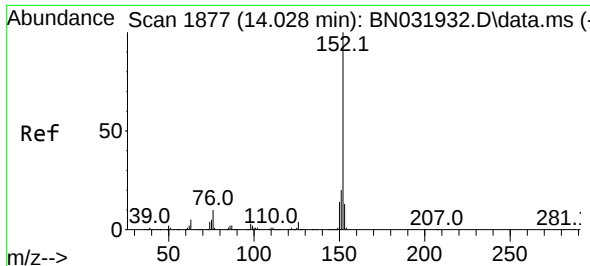
Instrument :
BNA_N
ClientSampleId :
BHC30DL

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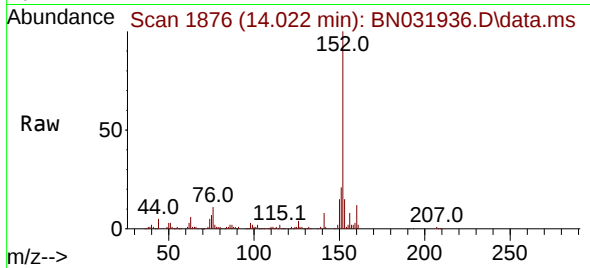
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.312 ng/ul
RT: 14.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN031936.D
Acq: 12 Jun 2024 11:27

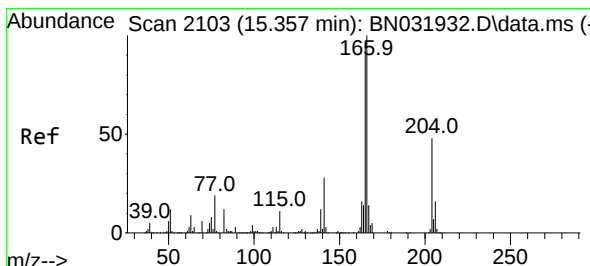
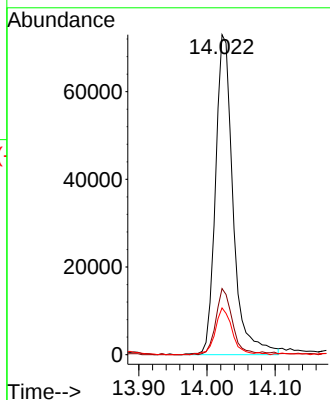
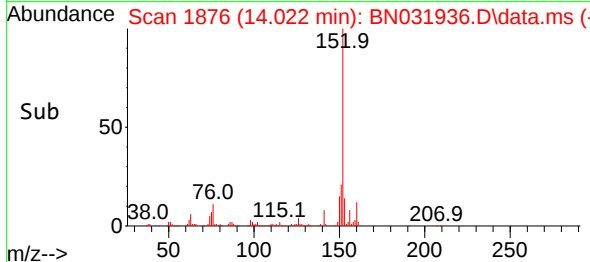
Instrument :
BNA_N
ClientSampleId :
BHC30DL



Tgt Ion:152 Resp: 13119
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 14.6 10.4 15.6

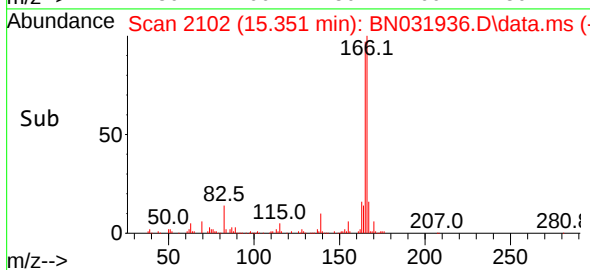
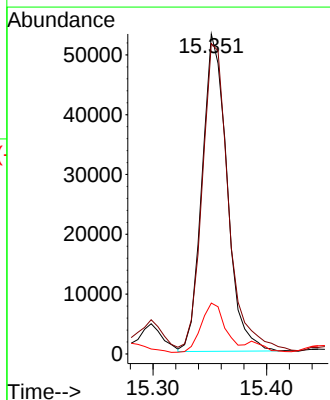
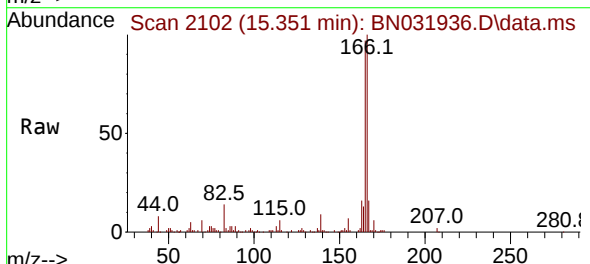
Manual Integrations
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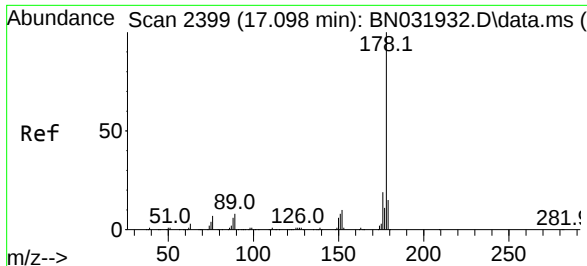
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#61
Fluorene
Concen: 1.118 ng/ul
RT: 15.351 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BN031936.D
Acq: 12 Jun 2024 11:27

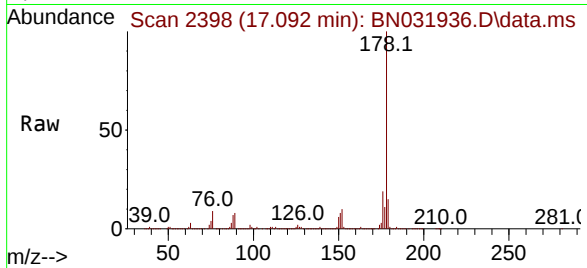
Tgt Ion:166 Resp: 80891
Ion Ratio Lower Upper
166 100
165 97.0 80.3 120.5
167 15.9 11.3 16.9





#72
Phenanthrene
Concen: 19.771 ng/u1
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031936.D
Acq: 12 Jun 2024 11:27

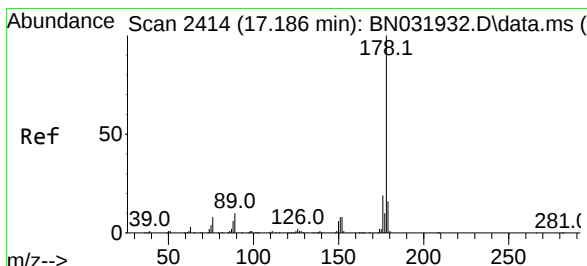
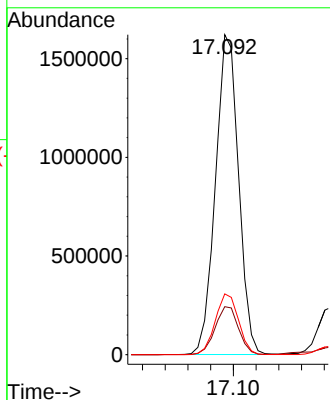
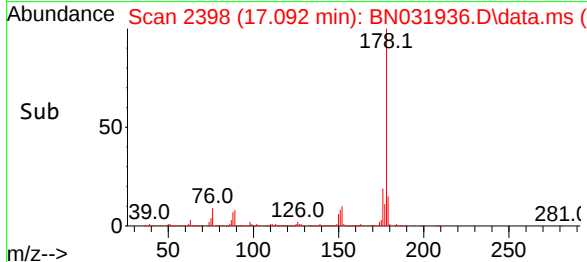
Instrument :
BNA_N
ClientSampleId :
BHC30DL



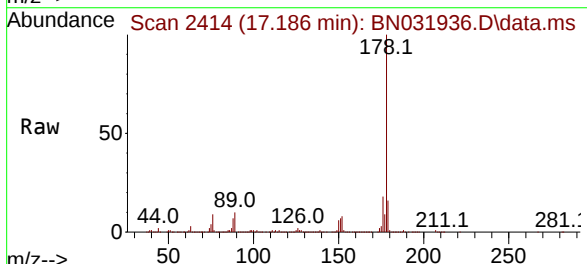
Tgt Ion:178 Resp: 229018
Ion Ratio Lower Upper
178 100
179 15.0 12.6 19.0
176 19.0 15.8 23.6

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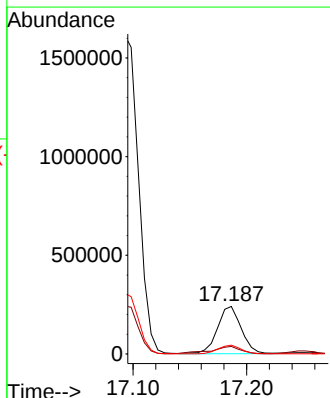
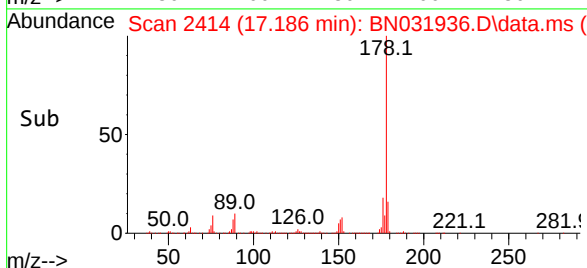
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

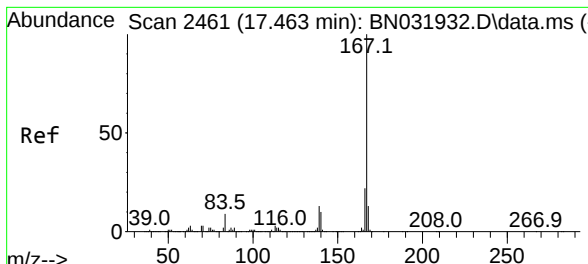


#74
Anthracene
Concen: 2.971 ng/u1
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN031936.D
Acq: 12 Jun 2024 11:27



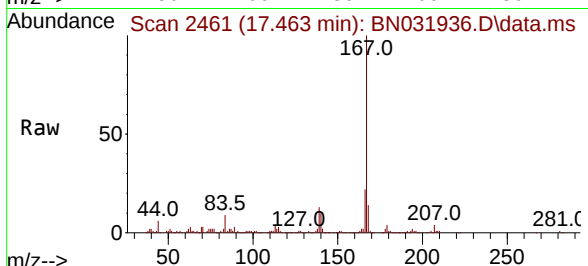
Tgt Ion:178 Resp: 348695
Ion Ratio Lower Upper
178 100
179 16.0 11.8 17.6
176 18.4 14.8 22.2





#77
 Carbazole
 Concen: 1.397 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BN031936.D
 Acq: 12 Jun 2024 11:27

Instrument : BNA_N
 ClientSampleId : BHC30DL

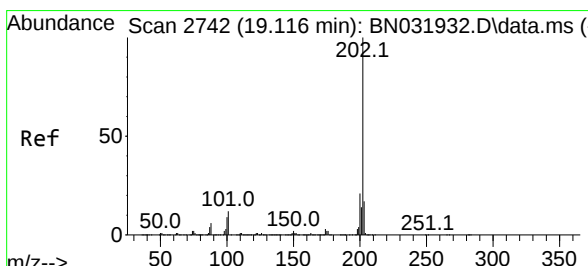
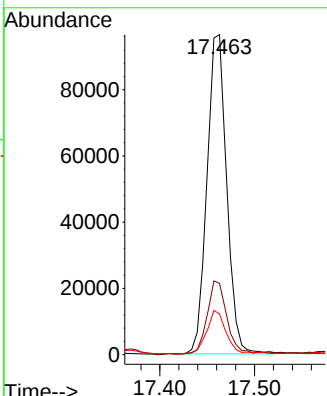
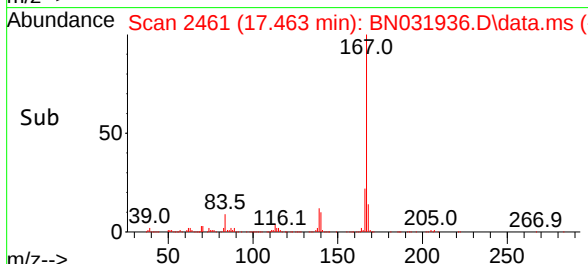


Tgt Ion:167 Resp: 139790

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	12.8	10.5	15.7

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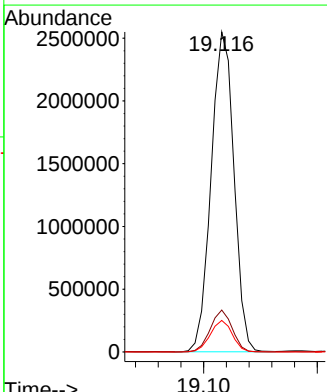
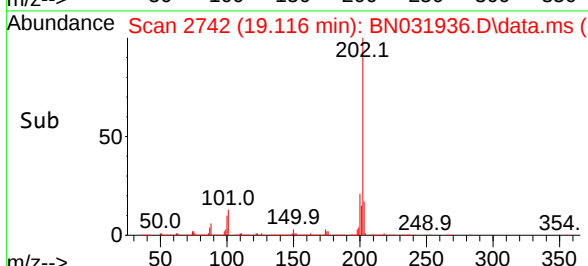
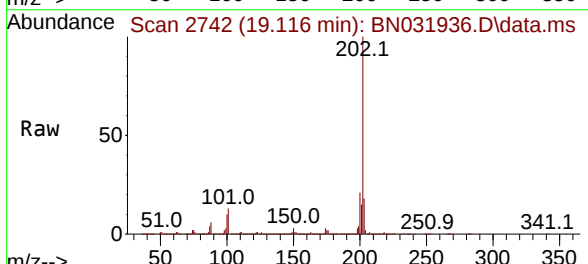
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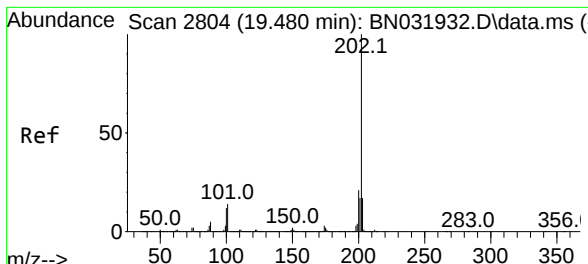


#80
 Fluoranthene
 Concen: 34.174 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.000 min
 Lab File: BN031936.D
 Acq: 12 Jun 2024 11:27

Tgt Ion:202 Resp: 3561621

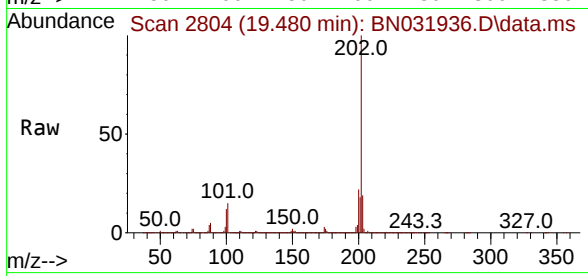
Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.3	15.5
100	9.9	8.0	12.0





#82
 Pyrene
 Concen: 23.828 ng/ul
 RT: 19.480 min Scan# 2109
 Delta R.T. -0.006 min
 Lab File: BN031936.D
 Acq: 12 Jun 2024 11:27

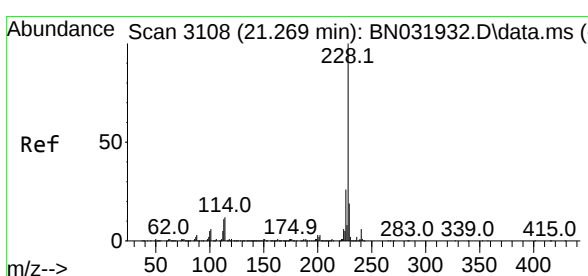
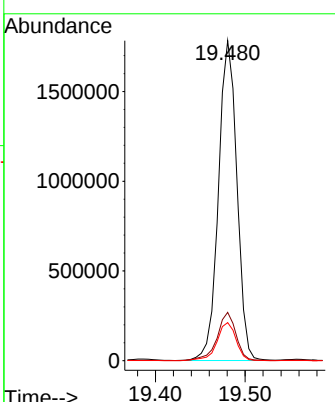
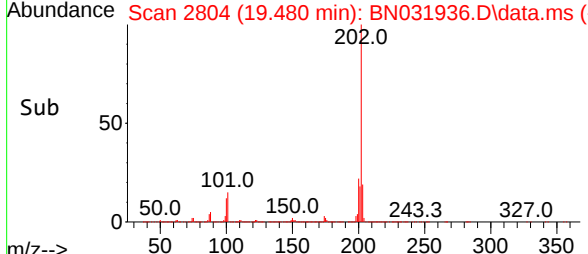
Instrument : BNA_N
 ClientSampleId : BHC30DL



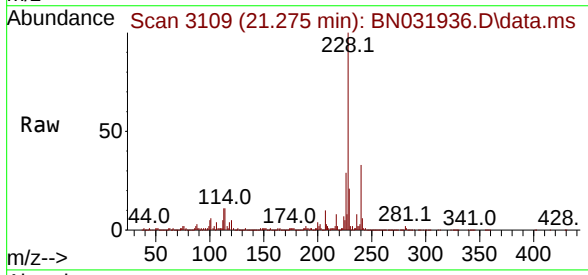
Tgt Ion: 202 Resp: 254795

Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.6	18.8
100	11.9	10.2	15.2

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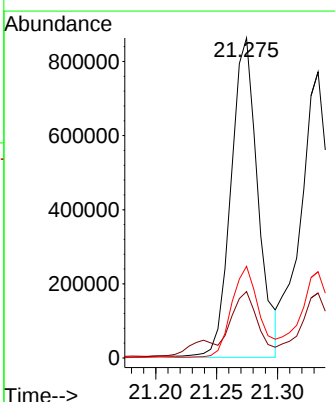
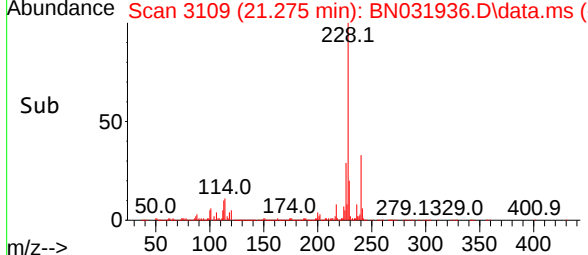


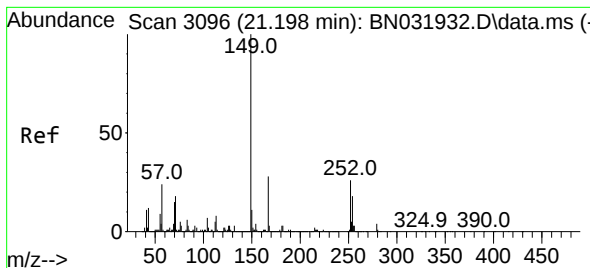
#85
 Benzo(a)anthracene
 Concen: 12.145 ng/ul
 RT: 21.275 min Scan# 3109
 Delta R.T. 0.000 min
 Lab File: BN031936.D
 Acq: 12 Jun 2024 11:27



Tgt Ion: 228 Resp: 1324831

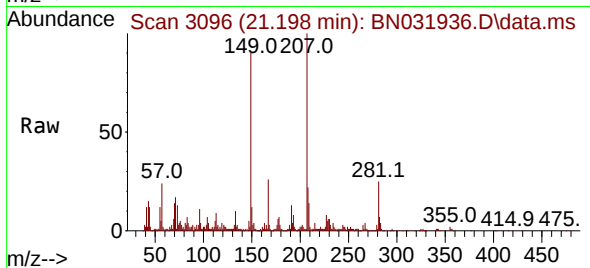
Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.7	25.1
226	28.6	22.8	34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.324 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031936.D
Acq: 12 Jun 2024 11:27

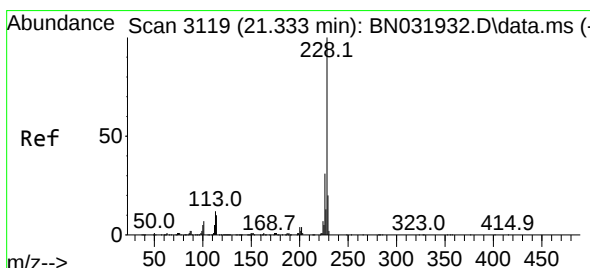
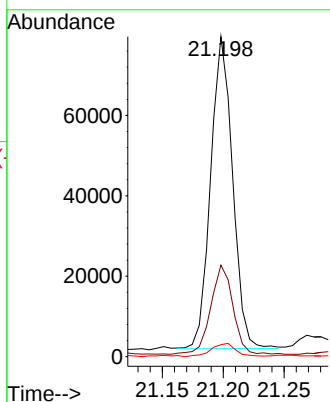
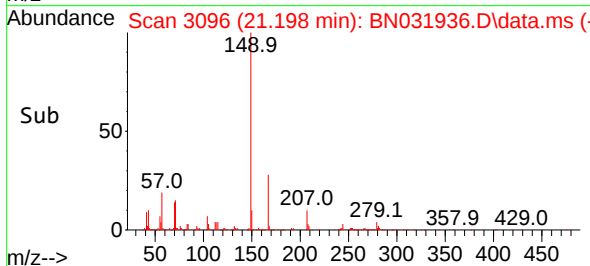
Instrument :
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BHC30DL



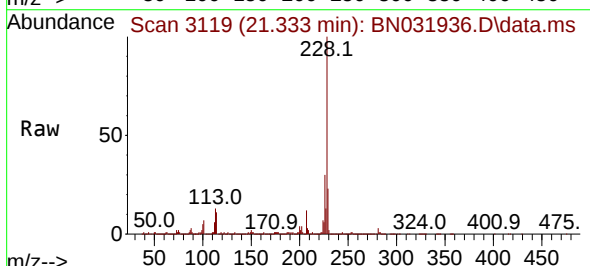
Tgt Ion:149 Resp: 97439
Ion Ratio Lower Upper
149 100
167 28.6 21.4 32.0
279 3.7 3.3 4.9

Manual Integrations
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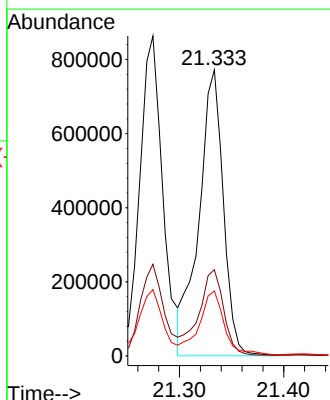
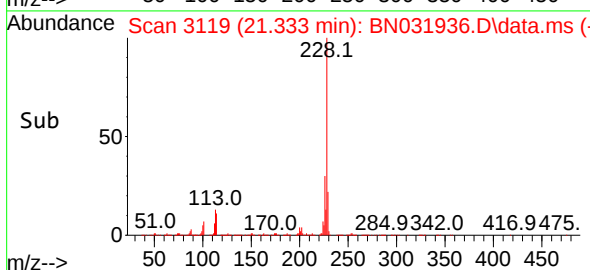
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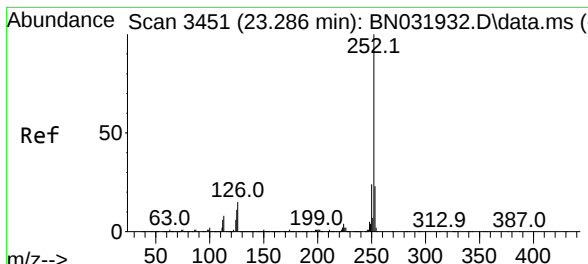


#87
Chrysene
Concen: 12.341 ng/ul m
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031936.D
Acq: 12 Jun 2024 11:27



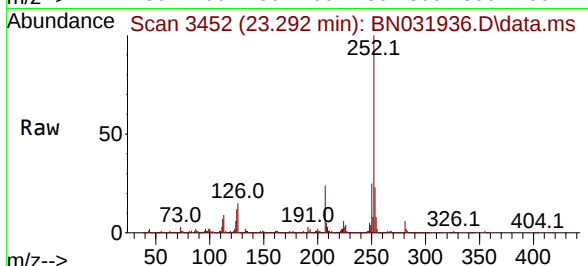
Tgt Ion:228 Resp: 1257391
Ion Ratio Lower Upper
228 100
226 30.1 23.7 35.5
229 22.7 15.1 22.7#





#90
Benzo(b)fluoranthene
Concen: 14.419 ng/ul
RT: 23.292 min Scan# 3451
Delta R.T. 0.000 min
Lab File: BN031936.D
Acq: 12 Jun 2024 11:27

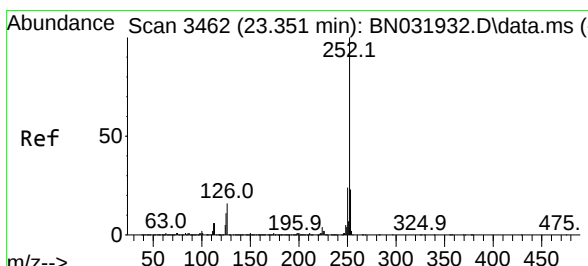
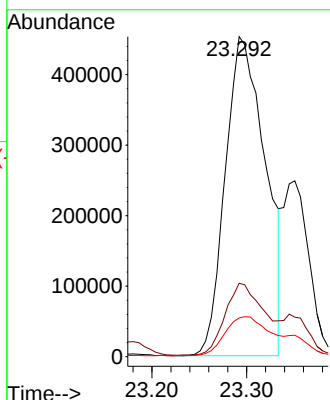
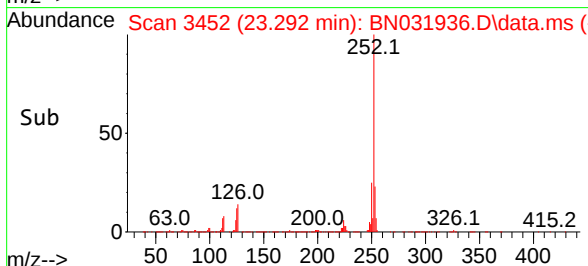
Instrument :
BNA_N
ClientSampleId :
BHC30DL



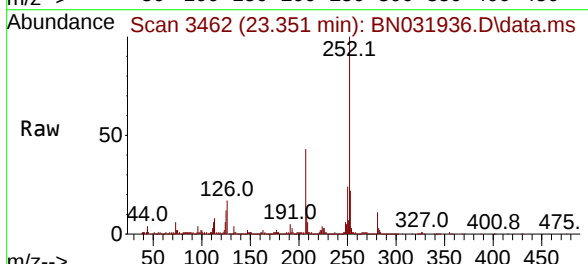
Tgt Ion:252 Resp: 133164
Ion Ratio Lower Upper
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253 22.9 17.0 25.6
125 12.1 9.2 13.8

Manual Integrations
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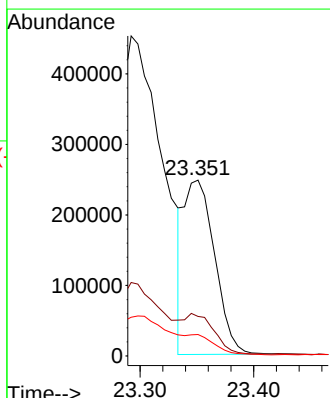
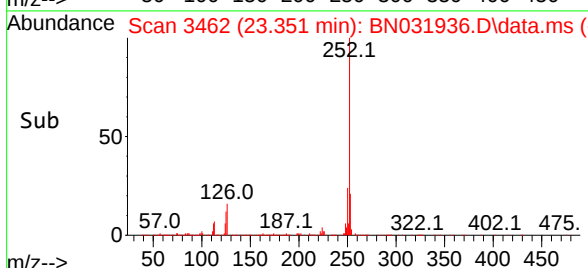
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

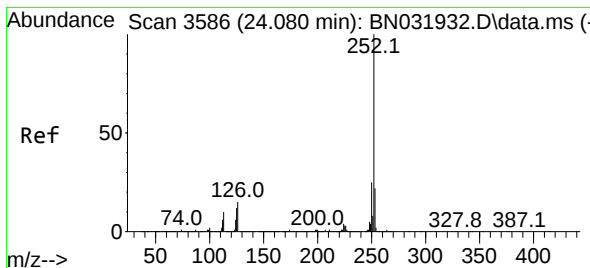


#91
Benzo(k)fluoranthene
Concen: 5.108 ng/ul
RT: 23.351 min Scan# 3462
Delta R.T. 0.000 min
Lab File: BN031936.D
Acq: 12 Jun 2024 11:27



Tgt Ion:252 Resp: 462854
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 12.2 9.4 14.2





#93

Benzo(a)pyrene

Concen: 6.248 ng/ul

RT: 24.080 min Scan# 3586

Delta R.T. 0.000 min

Lab File: BN031936.D

Acq: 12 Jun 2024 11:27

Instrument :

BNA_N

ClientSampleId :

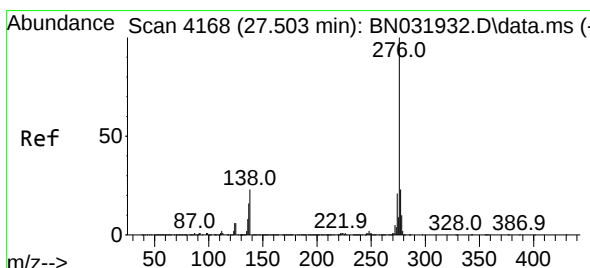
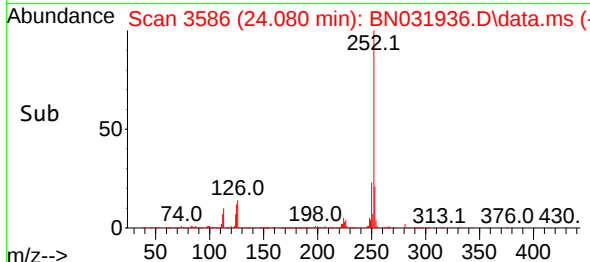
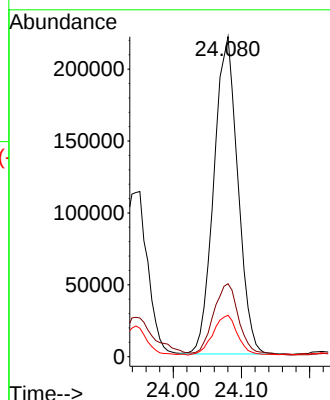
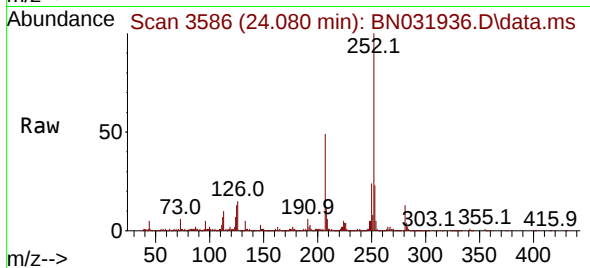
BHC30DL

Tgt Ion:	252	Resp:	540394
Ion Ratio	Lower	Upper	
252	100		
253	22.8	16.6	24.8
125	12.9	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.711 ng/ul

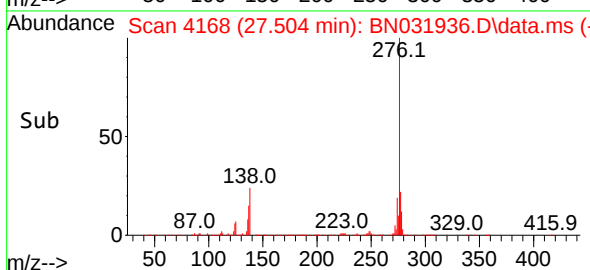
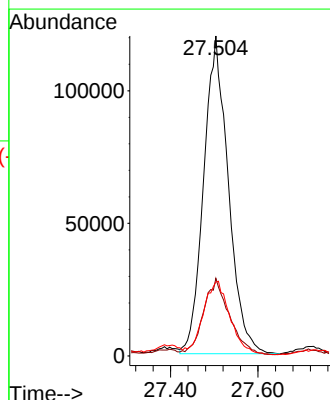
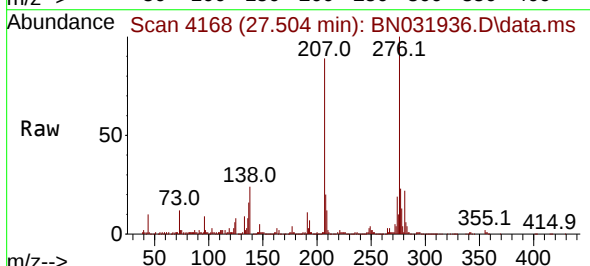
RT: 27.504 min Scan# 4168

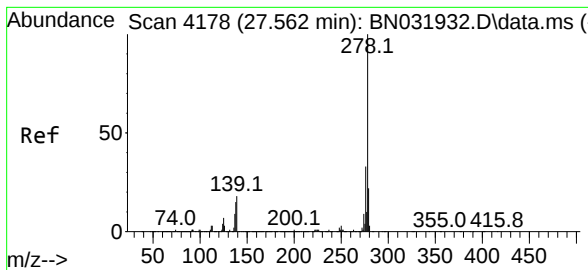
Delta R.T. -0.012 min

Lab File: BN031936.D

Acq: 12 Jun 2024 11:27

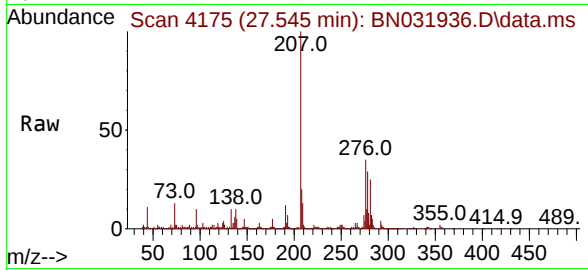
Tgt Ion:	276	Resp:	469508
Ion Ratio	Lower	Upper	
276	100		
138	24.3	18.1	27.1
277	23.1	18.2	27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.861 ng/ul
 RT: 27.545 min Scan# 4175
 Delta R.T. -0.035 min
 Lab File: BN031936.D
 Acq: 12 Jun 2024 11:27

Instrument :
 BNA_N
 ClientSampleId :
 BHC30DL



Tgt Ion:278 Resp: 151438
 Ion Ratio Lower Upper
 278 100
 139 18.0 15.0 22.6
 279 28.2 17.4 26.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

