

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031730.D
 Acq On : 31 May 2024 00:13
 Operator : MA/JU
 Sample : P2549-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH630

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 00:48:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	494301	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2207288	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1429413	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2964377	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1956531	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1753566	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	57658	4.826	ng/uL	0.00
4) Pyridine-d5	3.593	84	611233	18.173	ng/u1	0.00
7) Phenol-d5	6.852	99	1147917	27.089	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	652677	26.332	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	902379	27.909	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	875704	25.352	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	479273	28.398	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	523429	30.024	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	908012	27.899	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	946481	19.586	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	2968676	29.812	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	3367724	29.412	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	543876	27.278	ng/u1	0.00
60) Fluorene-d10	15.322	176	2503264	29.710	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	362365	24.319	ng/u1	0.00
73) Anthracene-d10	17.175	188	3757933	29.611	ng/u1	0.00
81) Pyrene-d10	19.469	212	4055124	38.731	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	2592275	30.959	ng/u1	0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.045	152	195423	1.510	ng/u1	97
72) Phenanthrene	17.116	178	1487425	9.850	ng/u1	98
74) Anthracene	17.204	178	251189	1.642	ng/u1	98
80) Fluoranthene	19.139	202	3627791	28.993	ng/u1	98
82) Pyrene	19.498	202	3415996	26.609	ng/u1	99
83) Butylbenzylphthalate	20.410	149	73541	1.213	ng/u1	86
85) Benzo(a)anthracene	21.292	228	1566805	11.964	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.221	149	312539	3.536	ng/u1	100
87) Chrysene	21.351	228	1635237	13.368	ng/u1	97
90) Benzo(b)fluoranthene	23.321	252	1828620	17.446	ng/u1	96
91) Benzo(k)fluoranthene	23.380	252	612111m	5.951	ng/u1	
93) Benzo(a)pyrene	24.109	252	1224723	12.476	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.562	276	843560m	7.457	ng/u1	
95) Dibenzo(a,h)anthracene	27.592	278	221265m	2.396	ng/u1	
96) Benzo(g,h,i)perylene	28.592	276	819170	9.110	ng/u1	96

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

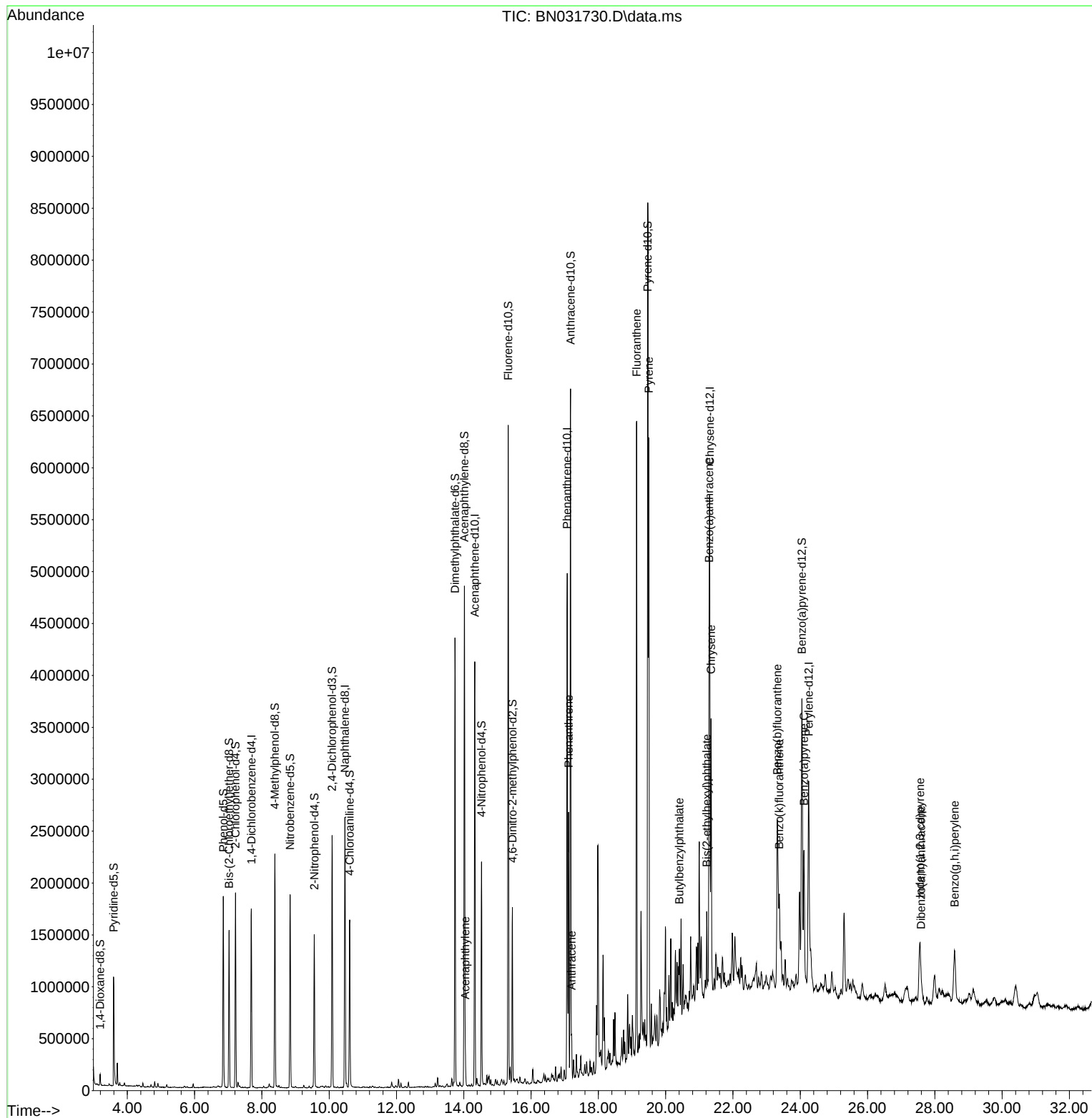
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 Data File : BN031730.D
 Acq On : 31 May 2024 00:13
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 ALS Vial : 12 Sample Multiplier: 1

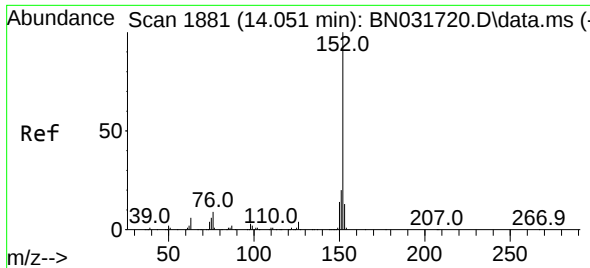
Instrument :
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration





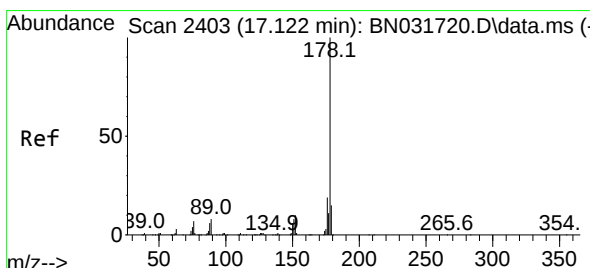
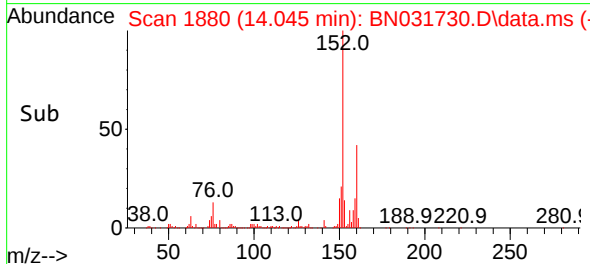
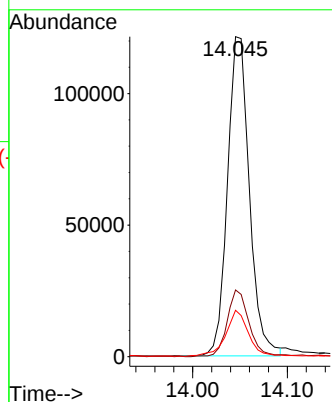
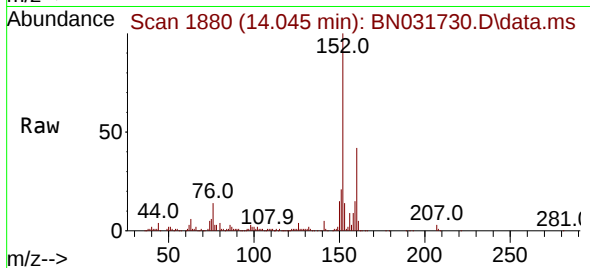
#50
Acenaphthylene
Concen: 1.510 ng/ul
RT: 14.045 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BN031730.D
Acq: 31 May 2024 00:13

Instrument :
BNA_N
ClientSampleId :
BH630

Tgt Ion:152 Resp: 195423
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 14.5 10.4 15.6

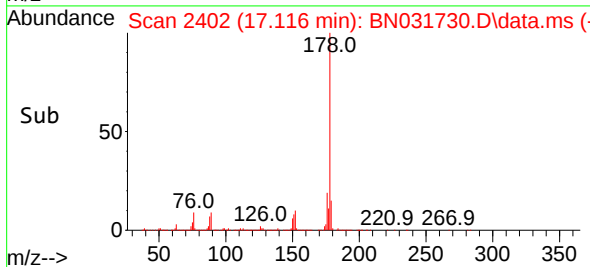
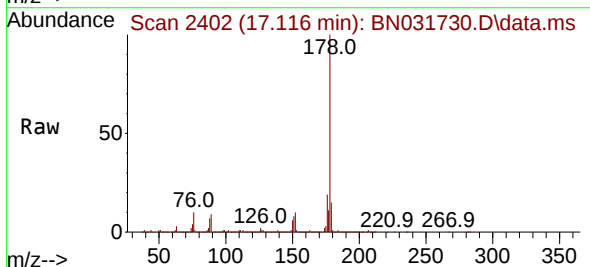
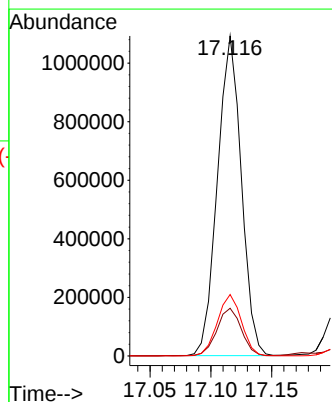
Manual Integrations
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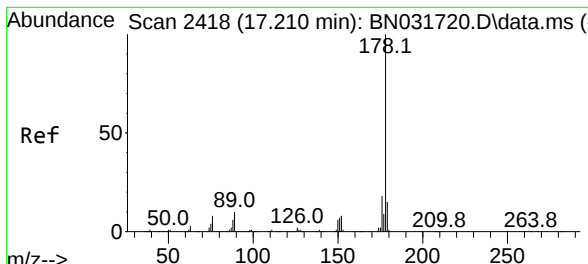
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#72
Phenanthrene
Concen: 9.850 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN031730.D
Acq: 31 May 2024 00:13

Tgt Ion:178 Resp: 1487425
Ion Ratio Lower Upper
178 100
179 14.9 12.6 19.0
176 19.2 15.8 23.6





#74
 Anthracene
 Concen: 1.642 ng/ul
 RT: 17.204 min Scan# 2418
 Delta R.T. -0.000 min
 Lab File: BN031730.D
 Acq: 31 May 2024 00:13

Instrument :

BNA_N

ClientSampleId :

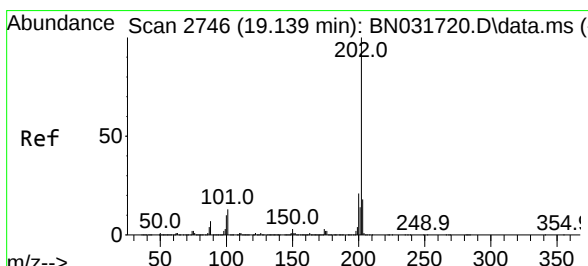
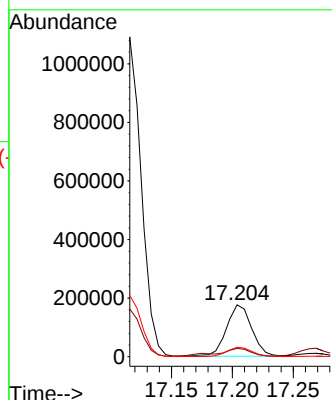
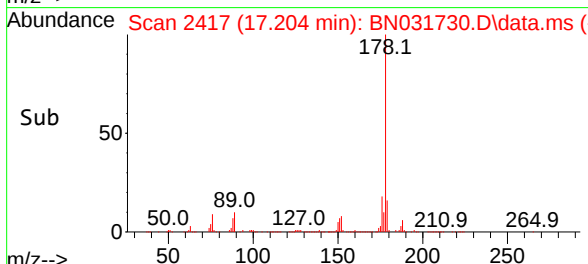
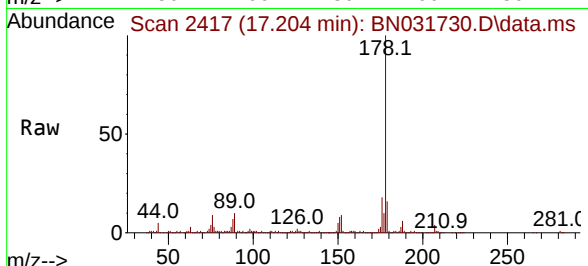
BH630

Tgt Ion:178 Resp: 251189
 Ion Ratio Lower Upper
 178 100
 179 16.0 11.8 17.6
 176 18.2 14.8 22.2

Manual Integrations

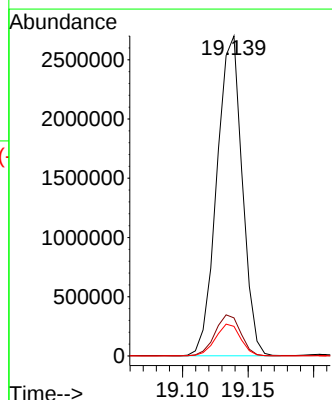
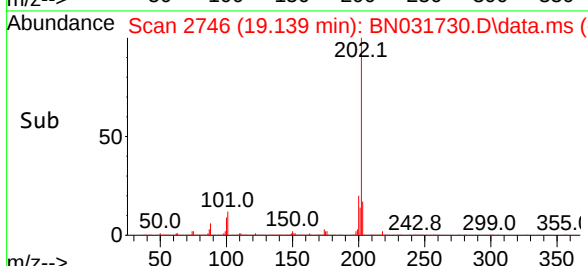
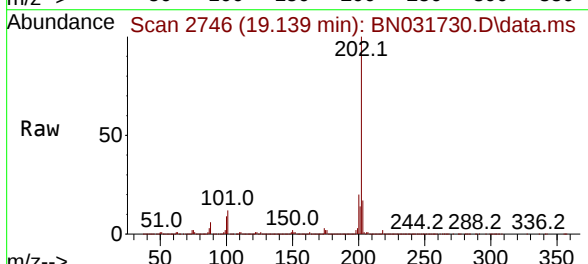
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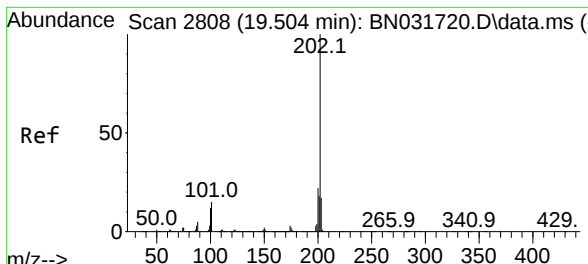
Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024



#80
 Fluoranthene
 Concen: 28.993 ng/ul
 RT: 19.139 min Scan# 2746
 Delta R.T. 0.006 min
 Lab File: BN031730.D
 Acq: 31 May 2024 00:13

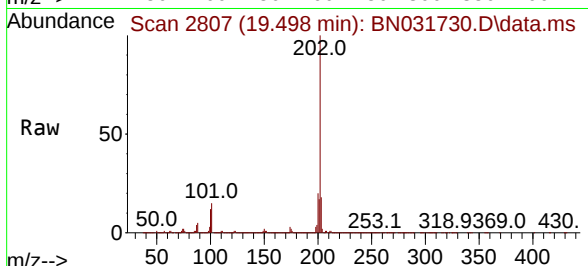
Tgt Ion:202 Resp: 3627791
 Ion Ratio Lower Upper
 202 100
 101 11.9 10.3 15.5
 100 9.3 8.0 12.0





#82
 Pyrene
 Concen: 26.609 ng/ul
 RT: 19.498 min Scan# 2807
 Delta R.T. 0.006 min
 Lab File: BN031730.D
 Acq: 31 May 2024 00:13

Instrument :
 BNA_N
 ClientSampleId :
 BH630

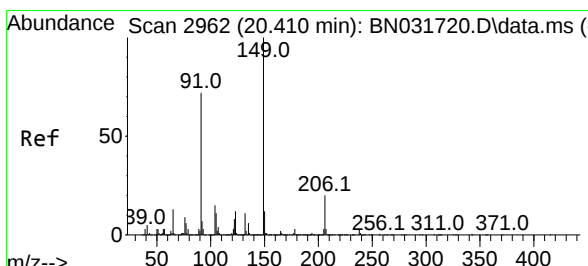
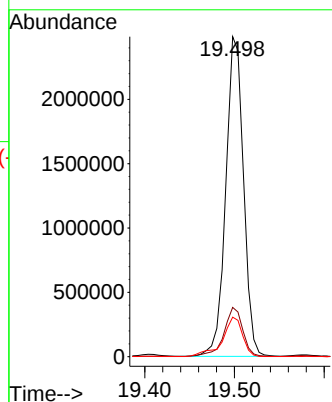
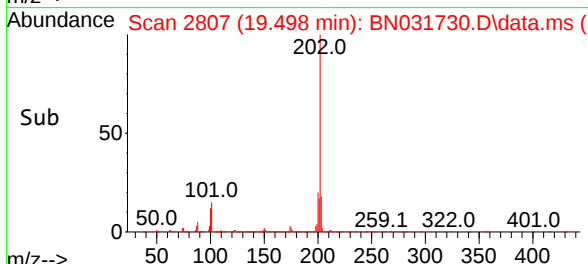


Tgt Ion: 202 Resp: 3415990

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.6	18.8
100	12.3	10.2	15.2

Manual Integrations
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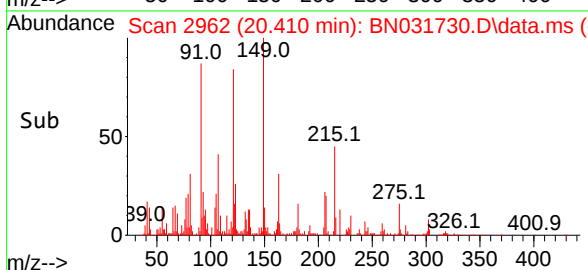
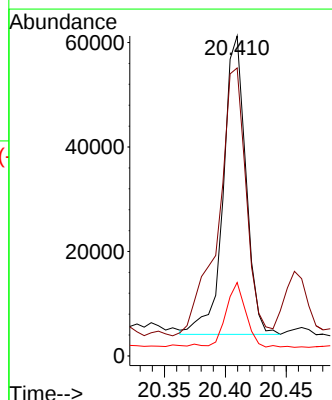
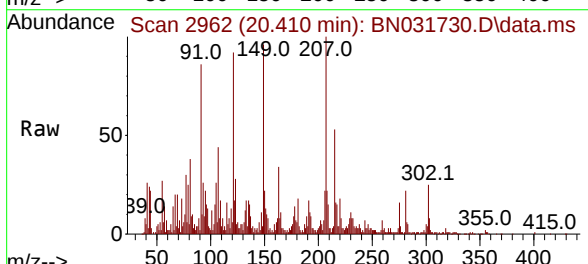
Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

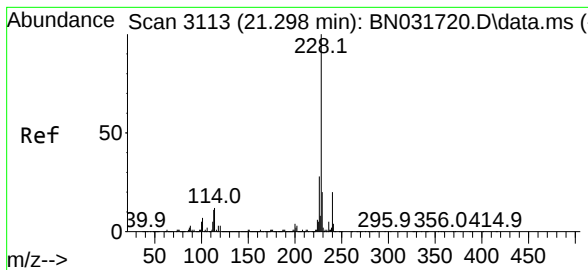


#83
 Butylbenzylphthalate
 Concen: 1.213 ng/ul
 RT: 20.410 min Scan# 2962
 Delta R.T. 0.006 min
 Lab File: BN031730.D
 Acq: 31 May 2024 00:13

Tgt Ion: 149 Resp: 73541

Ion	Ratio	Lower	Upper
149	100		
91	90.0	61.0	91.4
206	22.9	16.5	24.7





#85

Benzo(a)anthracene

Concen: 11.964 ng/ul

RT: 21.292 min Scan# 3113

Delta R.T. 0.006 min

Lab File: BN031730.D

Acq: 31 May 2024 00:13

Instrument :

BNA_N

ClientSampleId :

BH630

Tgt Ion:228 Resp: 156680

Ion Ratio Lower Upper

228 100

229 21.6 16.7 25.1

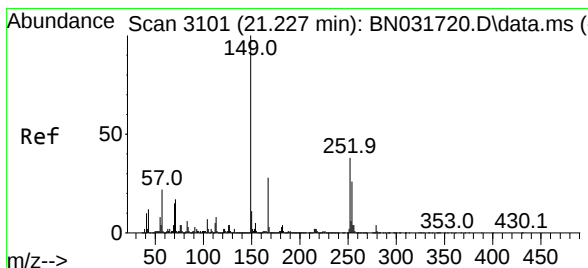
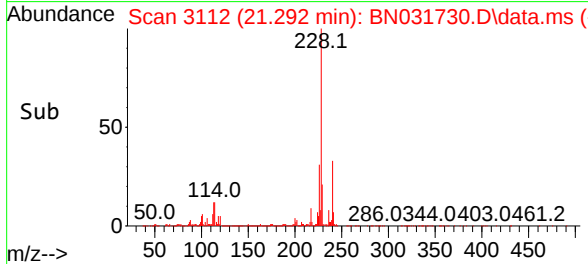
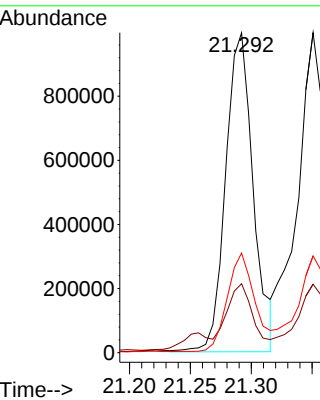
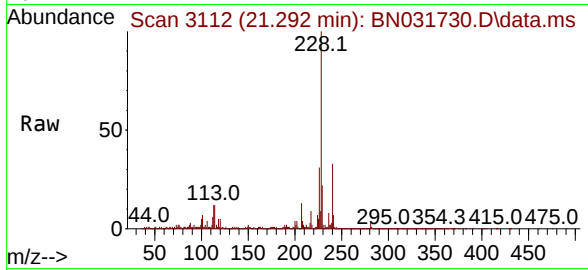
226 31.2 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024

Supervised By :mohammad ahmed 06/01/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.536 ng/ul

RT: 21.221 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BN031730.D

Acq: 31 May 2024 00:13

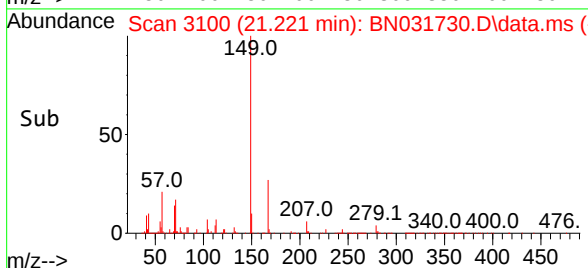
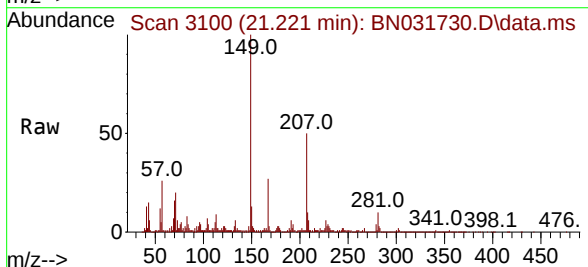
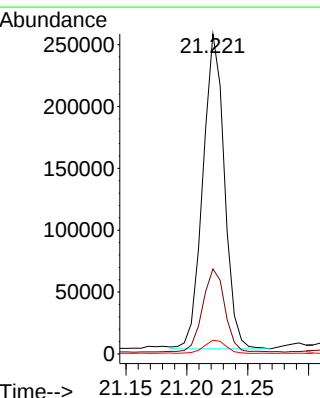
Tgt Ion:149 Resp: 312539

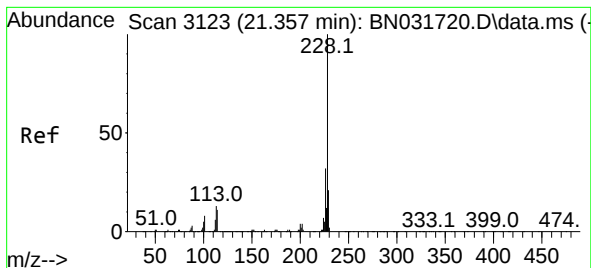
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

279 4.3 3.3 4.9





#87

Chrysene

Concen: 13.368 ng/ul

RT: 21.351 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN031730.D

Acq: 31 May 2024 00:13

Instrument :

BNA_N

ClientSampleId :

BH630

Tgt Ion:228 Resp: 163523

Ion Ratio Lower Upper

228 100

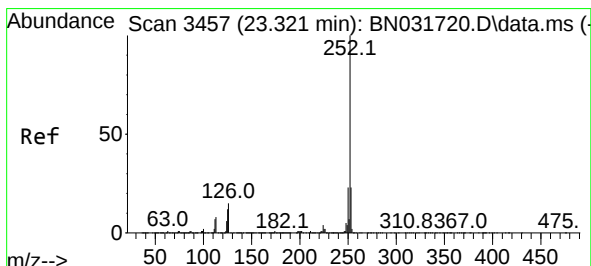
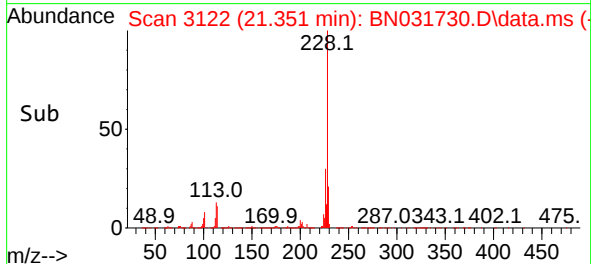
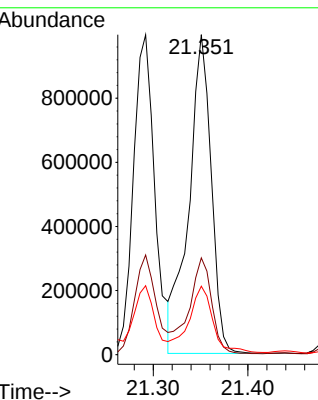
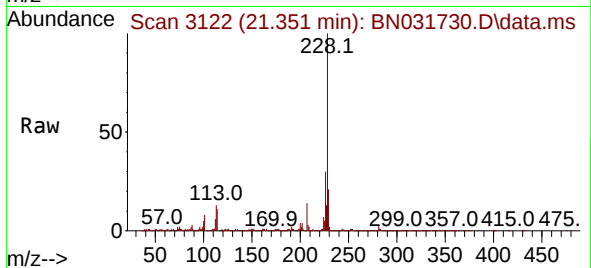
226 30.2 23.7 35.5

229 21.4 15.1 22.7

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 17.446 ng/ul

RT: 23.321 min Scan# 3457

Delta R.T. 0.012 min

Lab File: BN031730.D

Acq: 31 May 2024 00:13

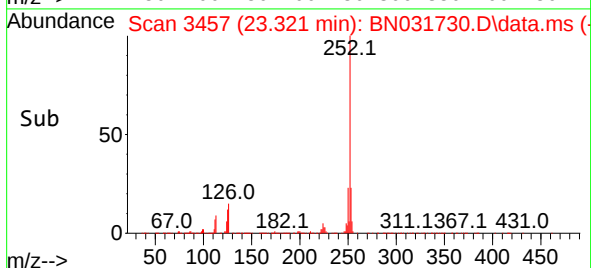
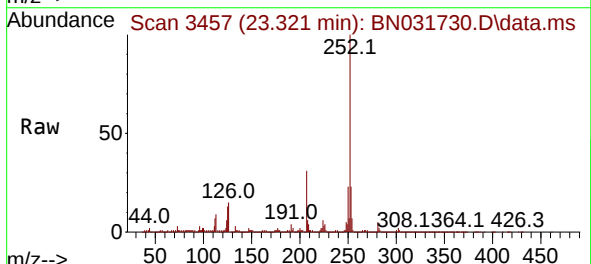
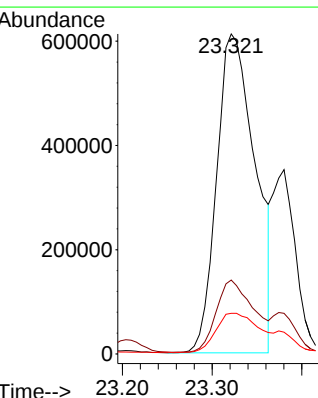
Tgt Ion:252 Resp: 1828620

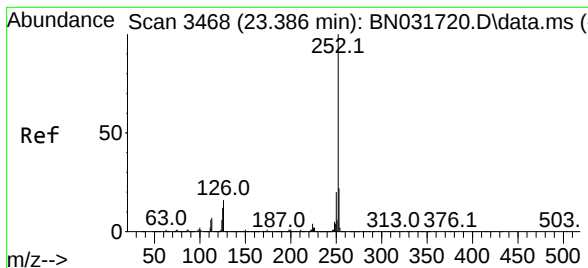
Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.6

125 12.7 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 5.951 ng/ul m

RT: 23.380 min Scan# 3468

Delta R.T. 0.006 min

Lab File: BN031730.D

Acq: 31 May 2024 00:13

Instrument :

BNA_N

ClientSampleId :

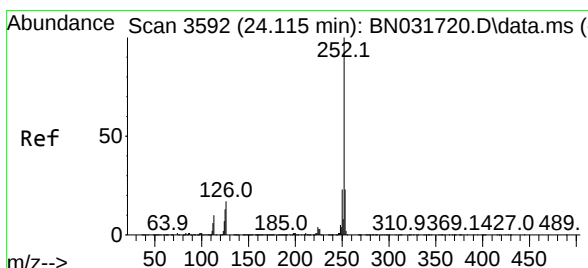
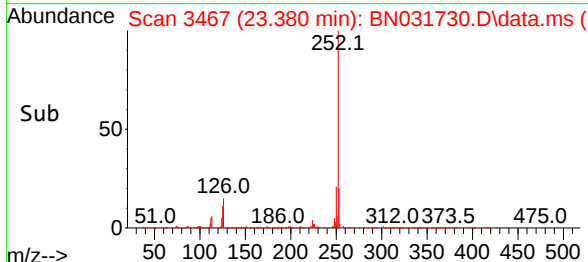
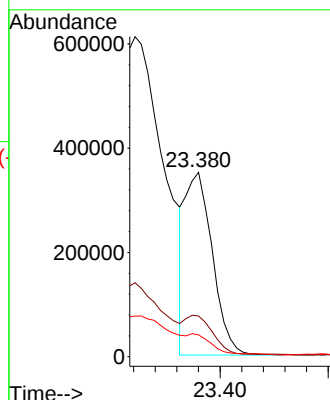
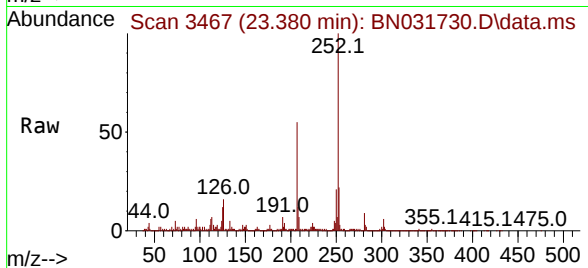
BH630

Tgt Ion:252 Resp: 612111
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 11.8 9.4 14.2

Manual Integrations

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 Supervised By :mohammad ahmed 06/01/2024



#93

Benzo(a)pyrene

Concen: 12.476 ng/ul

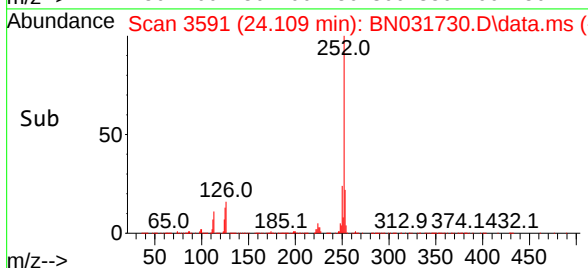
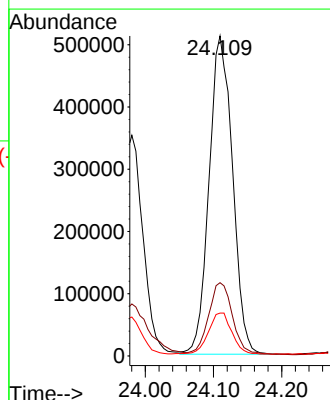
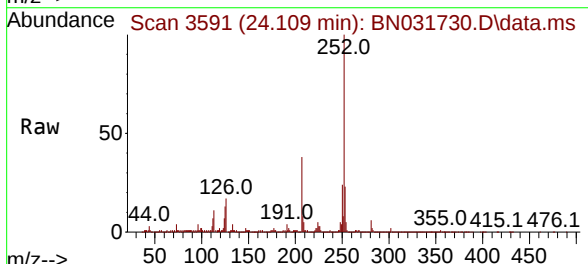
RT: 24.109 min Scan# 3591

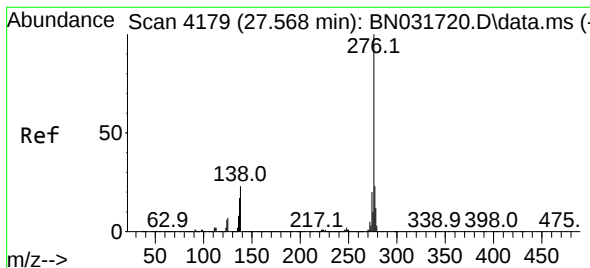
Delta R.T. 0.006 min

Lab File: BN031730.D

Acq: 31 May 2024 00:13

Tgt Ion:252 Resp: 1224723
 Ion Ratio Lower Upper
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 253 22.9 16.6 24.8
 125 13.4 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.457 ng/ul m

RT: 27.562 min Scan# 4178

Delta R.T. 0.029 min

Lab File: BN031730.D

Acq: 31 May 2024 00:13

Instrument :

BNA_N

ClientSampleId :

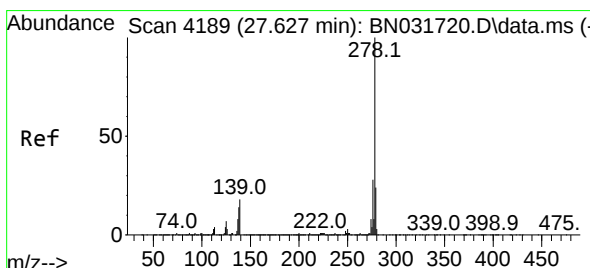
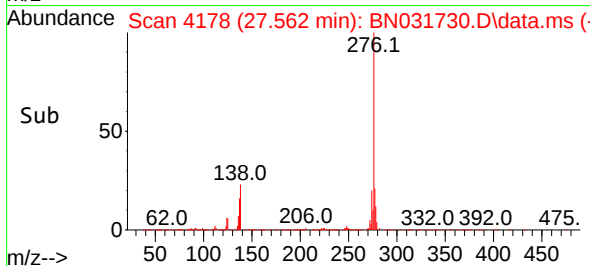
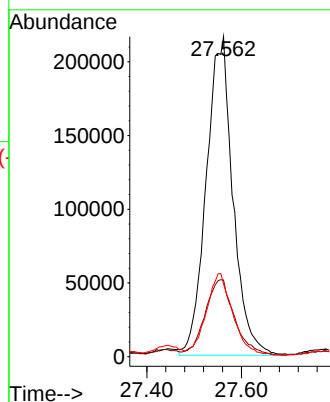
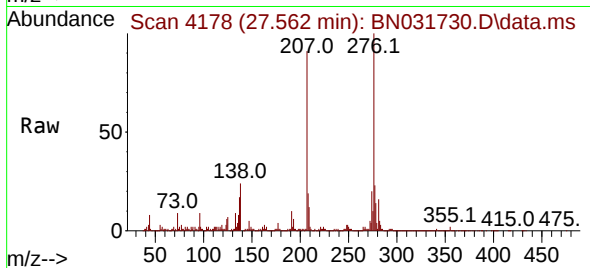
BH630

Tgt Ion:	276	Resp:	843560
Ion Ratio	Lower	Upper	
276	100		
138	24.0	18.1	27.1
277	22.7	18.2	27.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.396 ng/ul m

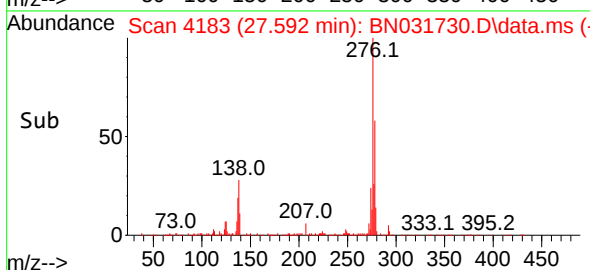
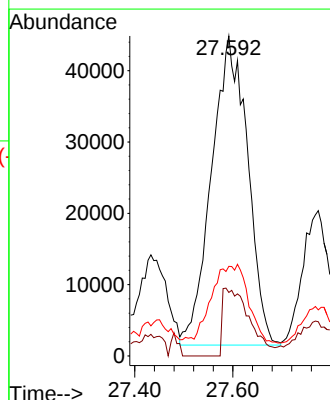
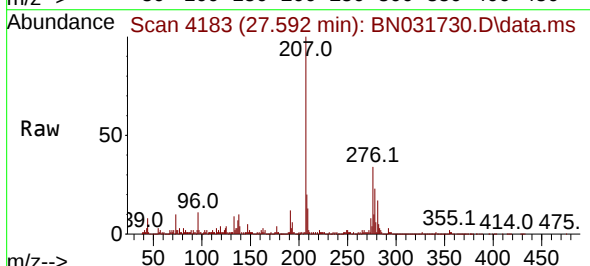
RT: 27.592 min Scan# 4183

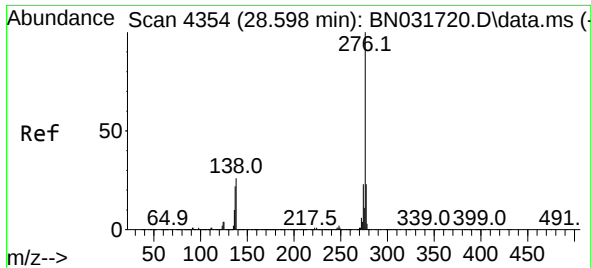
Delta R.T. -0.012 min

Lab File: BN031730.D

Acq: 31 May 2024 00:13

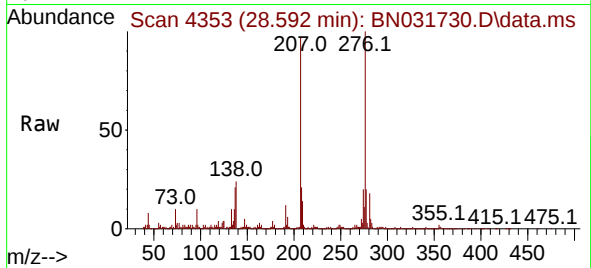
Tgt Ion:	278	Resp:	221265
Ion Ratio	Lower	Upper	
278	100		
139	19.9	15.0	22.6
279	28.0	17.4	26.0





#96
 Benzo(g,h,i)perylene
 Concen: 9.110 ng/ul
 RT: 28.592 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: BN031730.D
 Acq: 31 May 2024 00:13

Instrument :
 BNA_N
 ClientSampleId :
 BH630



Tgt Ion: 276 Resp: 819170
 Ion Ratio Lower Upper
 276 100
 138 23.9 20.9 31.3
 277 20.3 18.0 27.0

Manual Integrations
 APPROVED

Reviewed By : Jagrut Upadhyay 05/31/2024
 Supervised By : mohammad ahmed 06/01/2024

