

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031950.D
 Acq On : 12 Jun 2024 20:38
 Operator : MA/JU
 Sample : P2678-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH672

Manual Integrations
 APPROVED

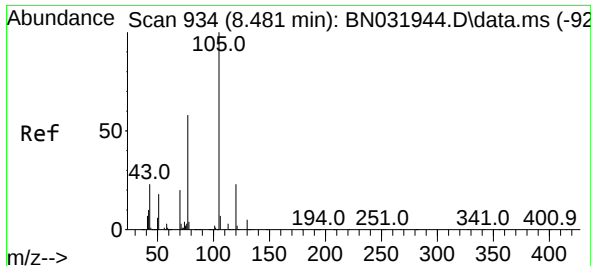
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 12 23:39:56 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

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

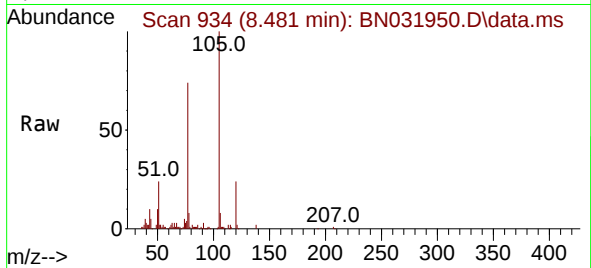
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	475226	20.000	ng/u1	0.00
20) Naphthalene-d8	10.445	136	1995432	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1152738	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1847266	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1333651	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1627576	20.000	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	47451	4.131	ng/uL	0.00
4) Pyridine-d5	3.587	84	194462	6.014	ng/u1	0.00
7) Phenol-d5	6.840	99	1049101	25.751	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	585630	24.575	ng/u1	0.00
11) 2-Chlorophenol-d4	7.198	132	857021	27.570	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	787116	23.702	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	434822	28.500	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	476211	30.216	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	816103	27.737	ng/u1	0.00
31) 4-Chloroaniline-d4	10.586	131	462987	10.598	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2248507	27.999	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2569013	27.821	ng/u1	0.00
54) 4-Nitrophenol-d4	14.527	143	306048	19.034	ng/u1	0.00
60) Fluorene-d10	15.304	176	1756938	25.857	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	195561	21.061	ng/u1	0.00
73) Anthracene-d10	17.151	188	2297959	29.057	ng/u1	0.00
81) Pyrene-d10	19.457	212	2019736	28.301	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1683989	21.668	ng/u1	0.00
Target Compounds						Qvalue
16) Acetophenone	8.481	105	77952	1.549	ng/u1	98
50) Acenaphthylene	14.027	152	284857	2.730	ng/u1	99
61) Fluorene	15.357	166	77537	1.026	ng/u1	98
72) Phenanthrene	17.098	178	2156582	22.917	ng/u1	99
74) Anthracene	17.186	178	330527	3.466	ng/u1	98
77) Carbazole	17.463	167	178056	2.190	ng/u1	98
80) Fluoranthene	19.121	202	3883123	45.528	ng/u1	98
82) Pyrene	19.486	202	2998223	34.263	ng/u1	98
83) Butylbenzylphthalate	20.392	149	81354	1.968	ng/u1	90
85) Benzo(a)anthracene	21.274	228	1687117	18.900	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	476785	7.914	ng/u1	99
87) Chrysene	21.333	228	1935382	23.211	ng/u1	97
90) Benzo(b)fluoranthene	23.303	252	2591398	26.637	ng/u1	99
91) Benzo(k)fluoranthene	23.350	252	936904m	9.814	ng/u1	
93) Benzo(a)pyrene	24.086	252	1116456	12.253	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.527	276	1092150m	10.402	ng/u1	
95) Dibenzo(a,h)anthracene	27.562	278	343438m	4.007	ng/u1	
96) Benzo(g,h,i)perylene	28.550	276	146233m	1.752	ng/u1	

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



#16
Acetophenone
Concen: 1.549 ng/ul
RT: 8.481 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN031950.D
Acq: 12 Jun 2024 20:38

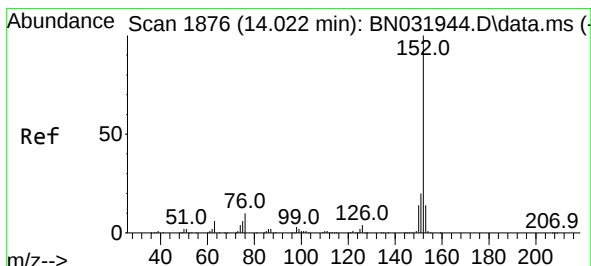
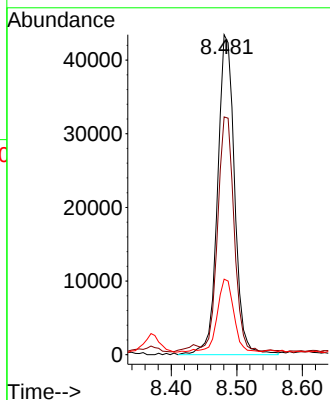
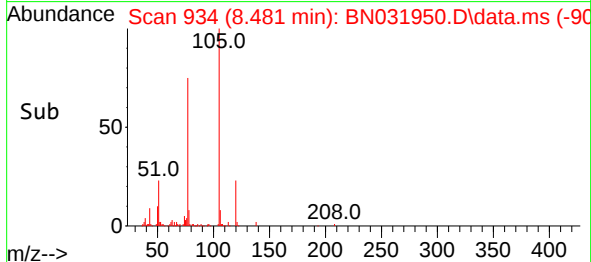
Instrument :
BNA_N
ClientSampleId :
BH672



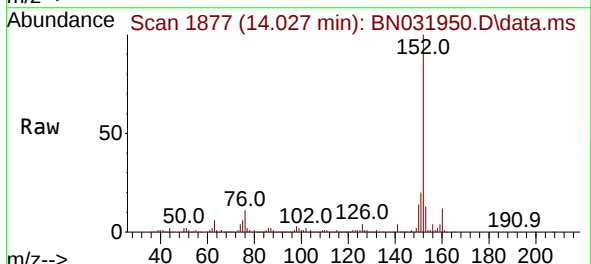
Tgt Ion:105 Resp: 77952
Ion Ratio Lower Upper
105 100
77 74.3 58.6 87.8
51 23.6 17.2 25.8

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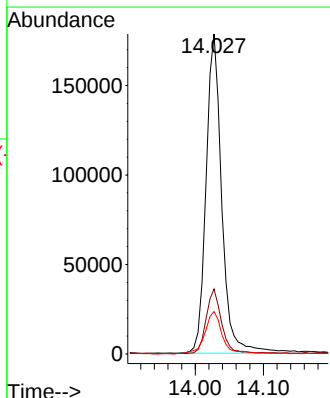
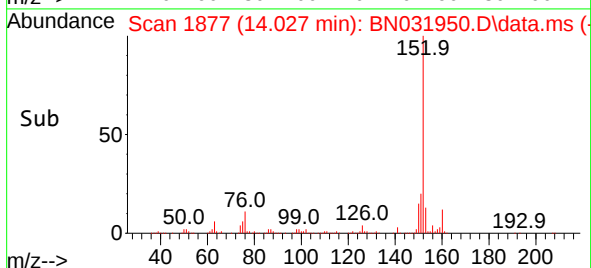
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

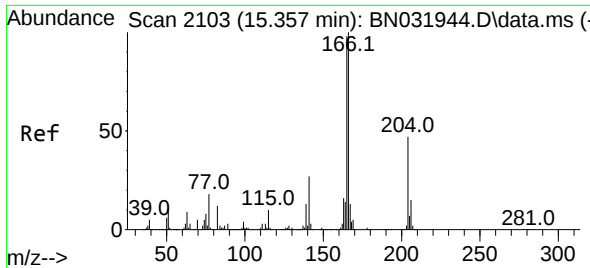


#50
Acenaphthylene
Concen: 2.730 ng/ul
RT: 14.027 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN031950.D
Acq: 12 Jun 2024 20:38



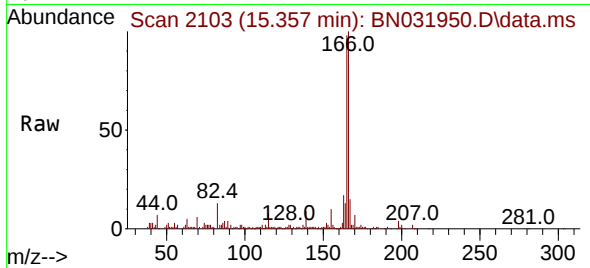
Tgt Ion:152 Resp: 284857
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.3 10.4 15.6





#61
Fluorene
Concen: 1.026 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN031950.D
Acq: 12 Jun 2024 20:38

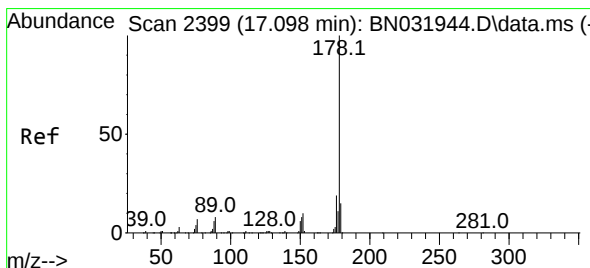
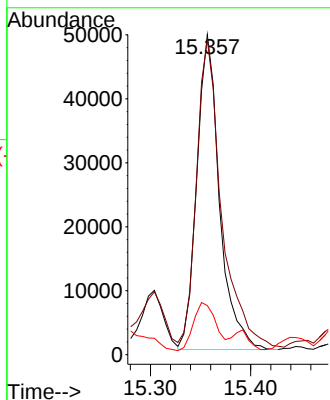
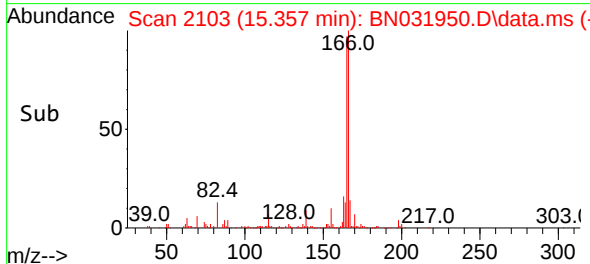
Instrument :
BNA_N
ClientSampleId :
BH672



Tgt Ion:166 Resp: 7753
Ion Ratio Lower Upper
166 100
165 98.4 80.3 120.5
167 15.3 11.3 16.9

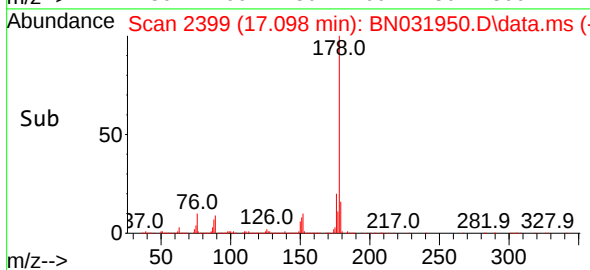
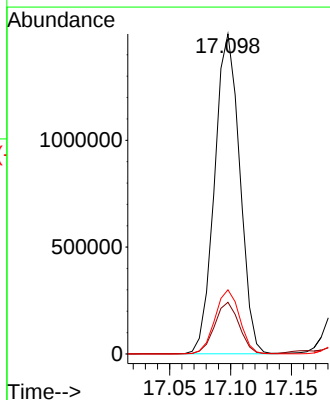
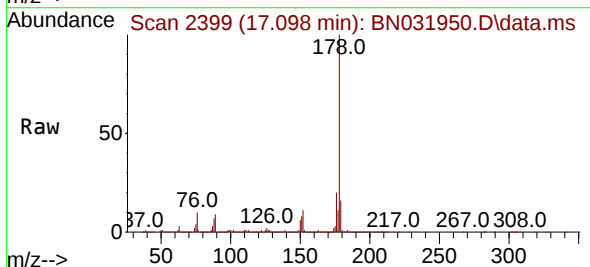
Manual Integrations
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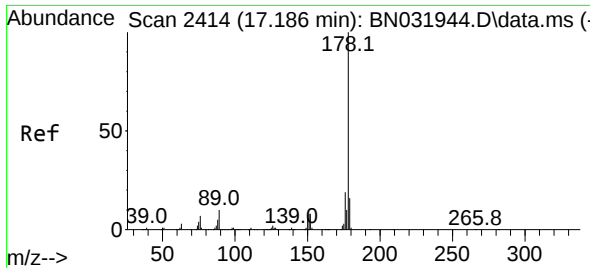
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#72
Phenanthrene
Concen: 22.917 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BN031950.D
Acq: 12 Jun 2024 20:38

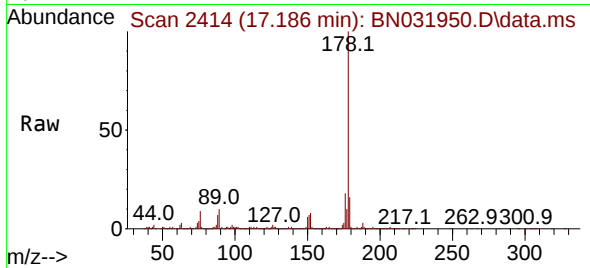
Tgt Ion:178 Resp: 2156582
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 20.1 15.8 23.6





#74
 Anthracene
 Concen: 3.466 ng/ul
 RT: 17.186 min Scan# 2414
 Delta R.T. -0.000 min
 Lab File: BN031950.D
 Acq: 12 Jun 2024 20:38

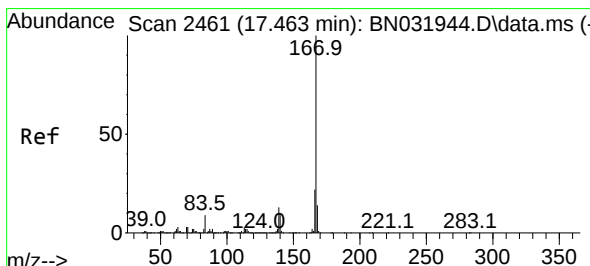
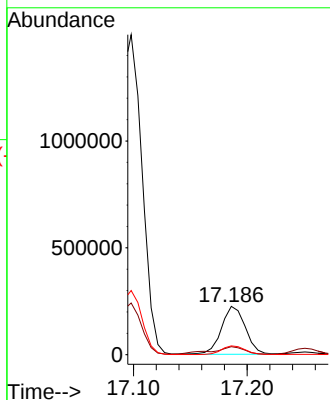
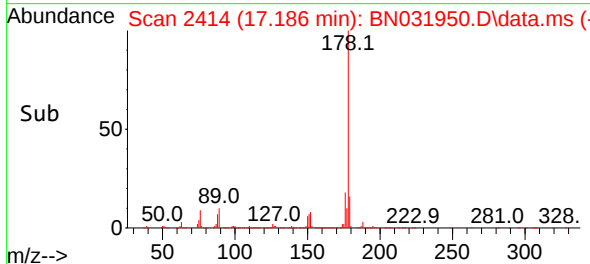
Instrument :
 BNA_N
 ClientSampleId :
 BH672



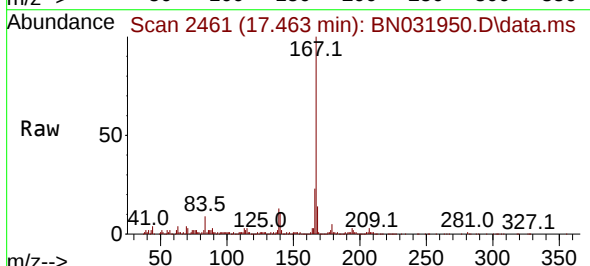
Tgt Ion:178 Resp: 330527
 Ion Ratio Lower Upper
 178 100
 179 16.5 11.8 17.6
 176 18.3 14.8 22.2

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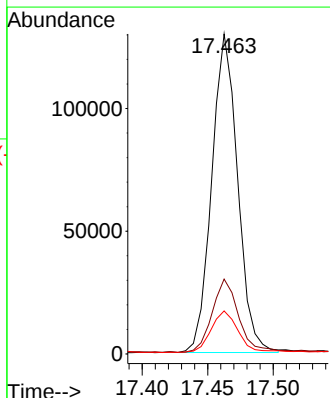
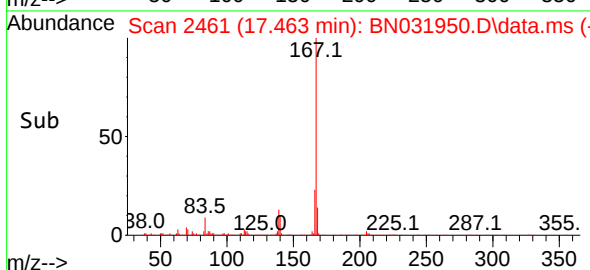
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

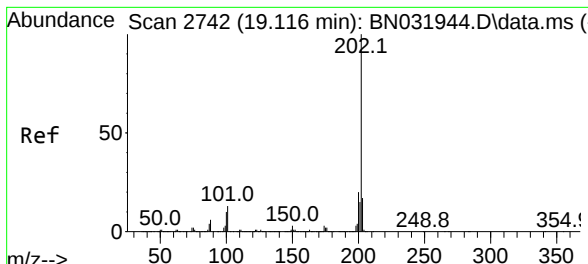


#77
 Carbazole
 Concen: 2.190 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. -0.000 min
 Lab File: BN031950.D
 Acq: 12 Jun 2024 20:38



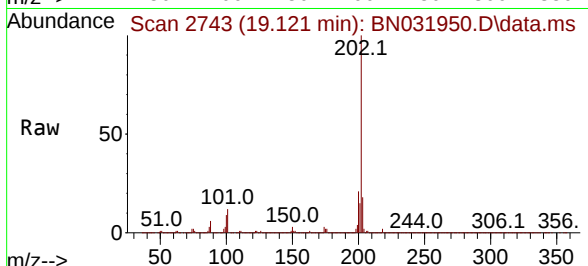
Tgt Ion:167 Resp: 178056
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.9 26.9
 139 13.5 10.5 15.7





#80
 Fluoranthene
 Concen: 45.528 ng/u1
 RT: 19.121 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN031950.D
 Acq: 12 Jun 2024 20:38

Instrument :
 BNA_N
 ClientSampleId :
 BH672

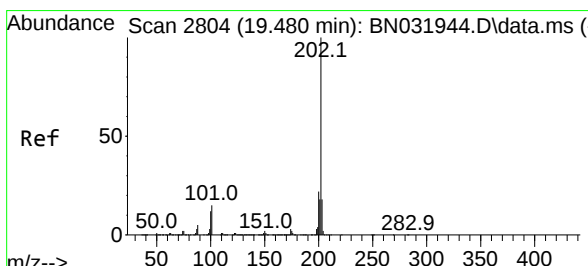
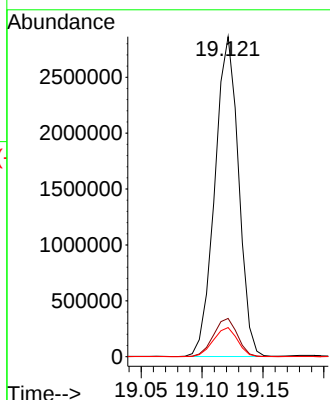
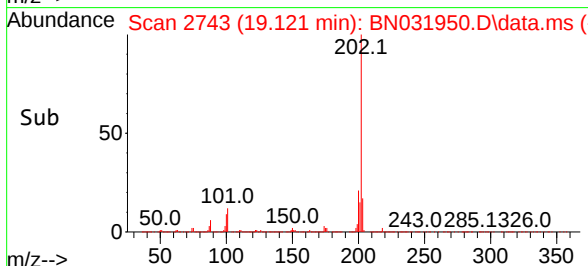


Tgt Ion:202 Resp: 388312

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.3	15.5
100	9.1	8.0	12.0

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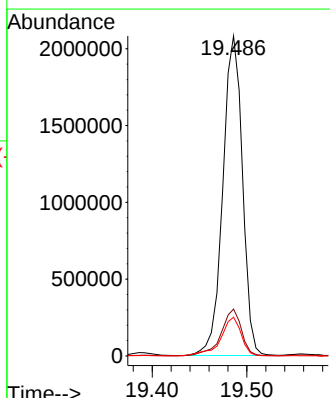
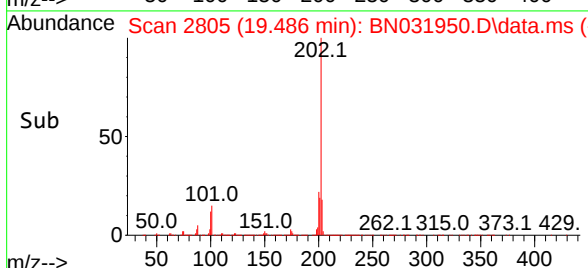
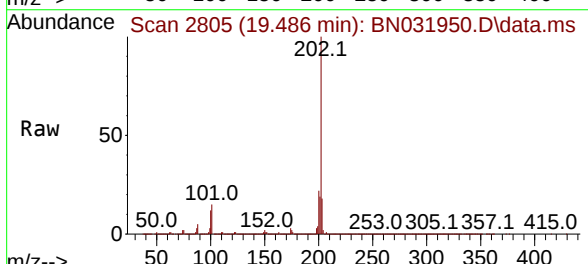
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

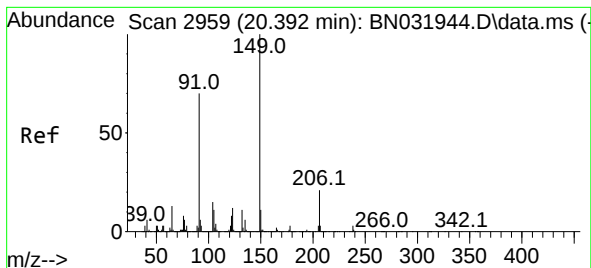


#82
 Pyrene
 Concen: 34.263 ng/u1
 RT: 19.486 min Scan# 2805
 Delta R.T. -0.000 min
 Lab File: BN031950.D
 Acq: 12 Jun 2024 20:38

Tgt Ion:202 Resp: 2998223

Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.6	18.8
100	12.1	10.2	15.2





#83

Butylbenzylphthalate

Concen: 1.968 ng/ul

RT: 20.392 min Scan# 2959

Delta R.T. -0.000 min

Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

Instrument :

BNA_N

ClientSampleId :

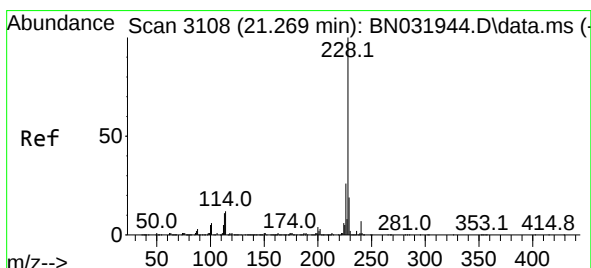
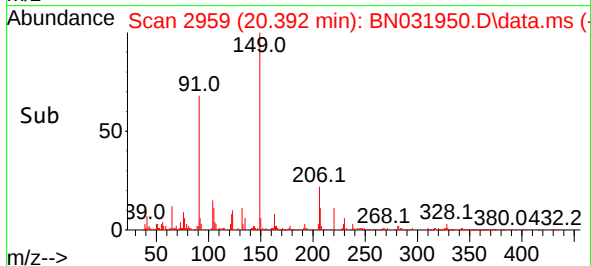
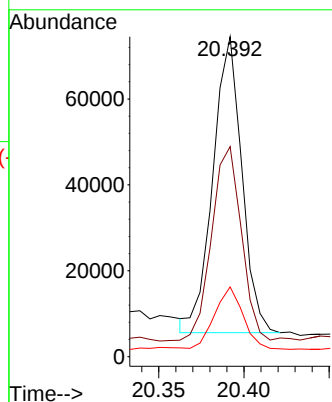
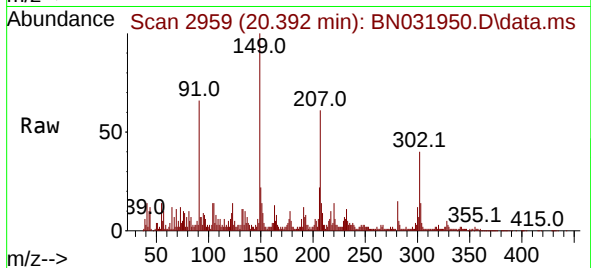
BH672

Tgt Ion:	149	Resp:	81354
Ion Ratio	Lower	Upper	
149	100		
91	65.7	61.0	91.4
206	21.8	16.5	24.7

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/14/2024



#85

Benzo(a)anthracene

Concen: 18.900 ng/ul

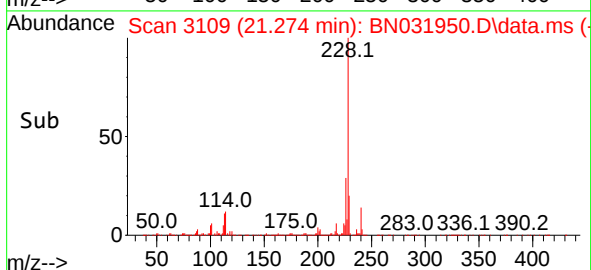
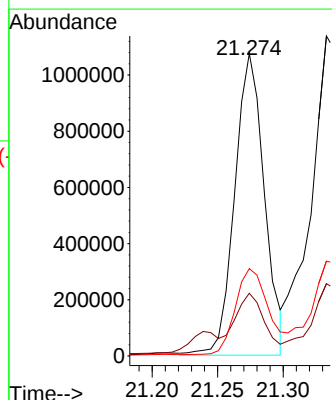
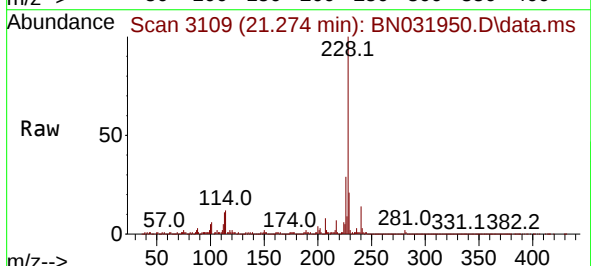
RT: 21.274 min Scan# 3109

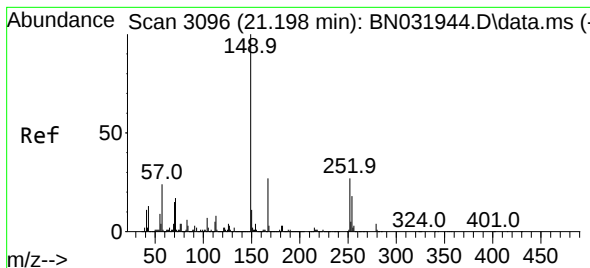
Delta R.T. -0.000 min

Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

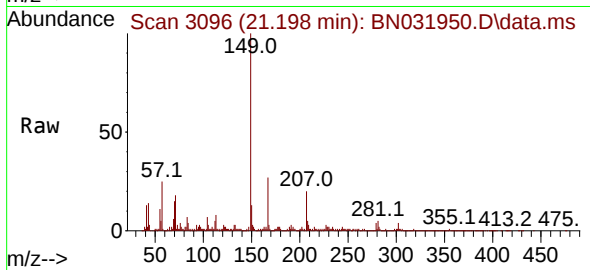
Tgt Ion:	228	Resp:	1687117
Ion Ratio	Lower	Upper	
228	100		
229	20.7	16.7	25.1
226	28.9	22.8	34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 7.914 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031950.D
Acq: 12 Jun 2024 20:38

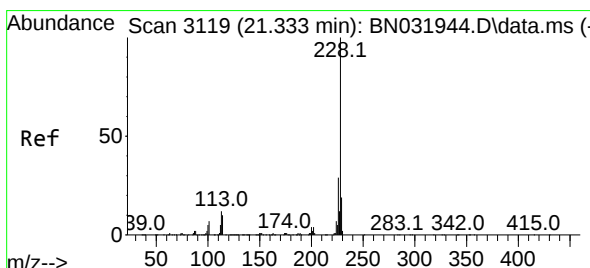
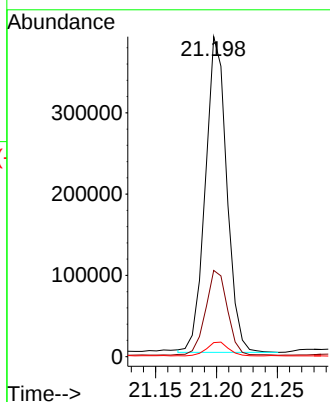
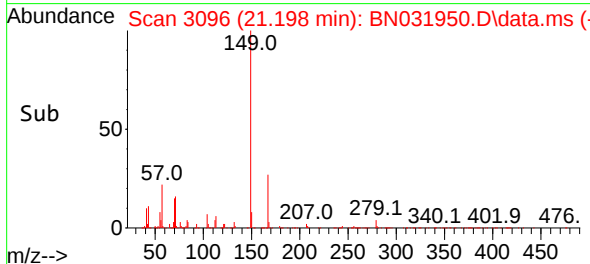
Instrument :
BNA_N
ClientSampleId :
BH672



Tgt Ion:149 Resp: 476785
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.0
279 4.4 3.3 4.9

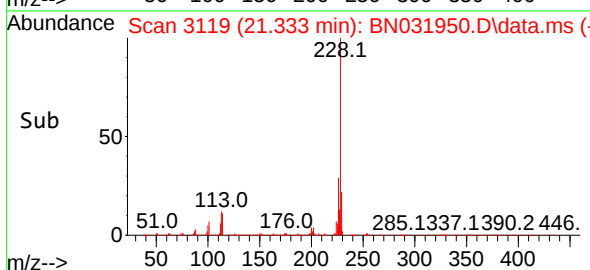
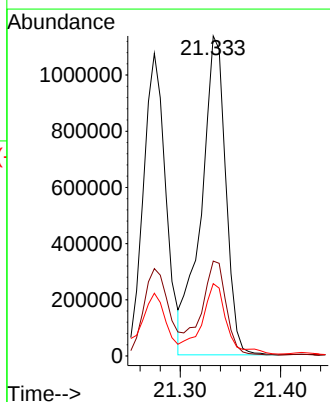
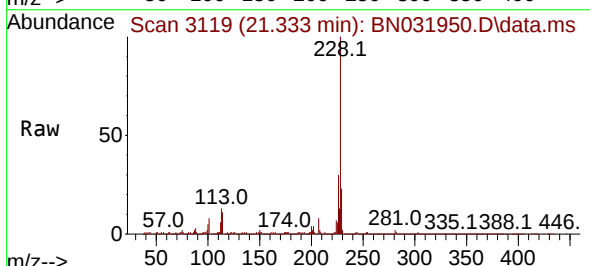
Manual Integrations
APPROVED

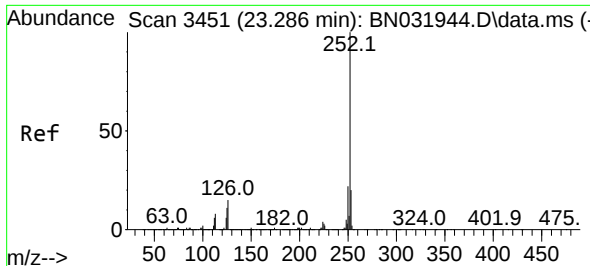
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#87
Chrysene
Concen: 23.211 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BN031950.D
Acq: 12 Jun 2024 20:38

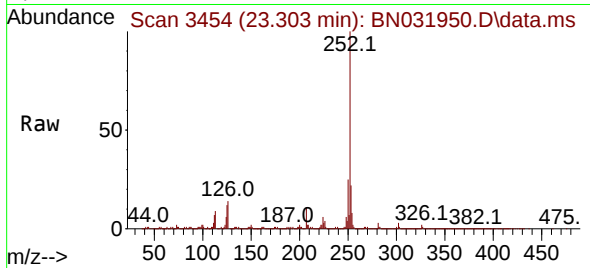
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Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 22.6 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 26.637 ng/ul
RT: 23.303 min Scan# 3451
Delta R.T. 0.012 min
Lab File: BN031950.D
Acq: 12 Jun 2024 20:38

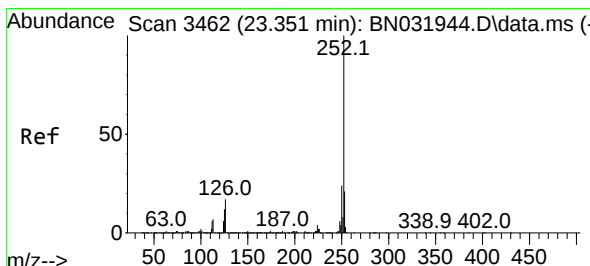
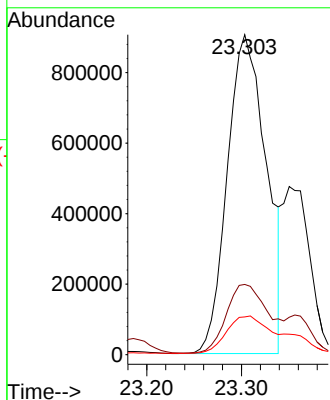
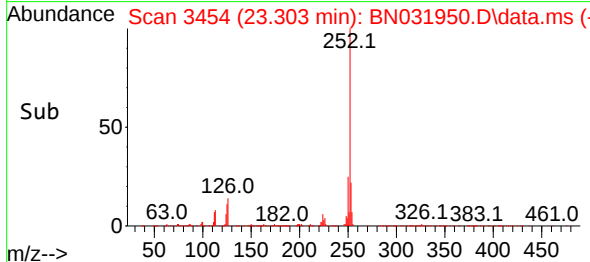
Instrument :
BNA_N
ClientSampleId :
BH672



Tgt Ion:252 Resp: 2591398
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.8 9.2 13.8

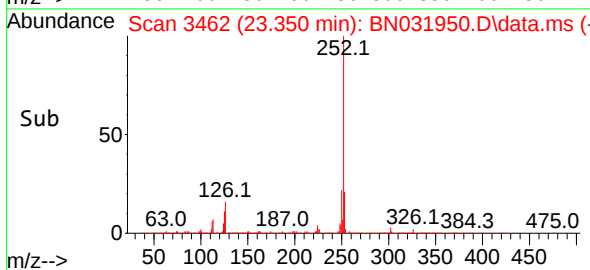
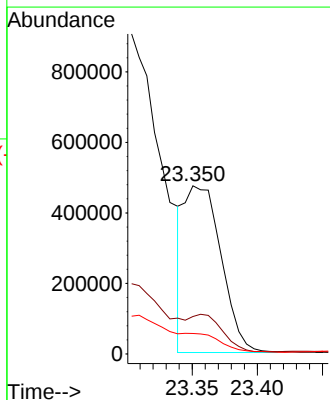
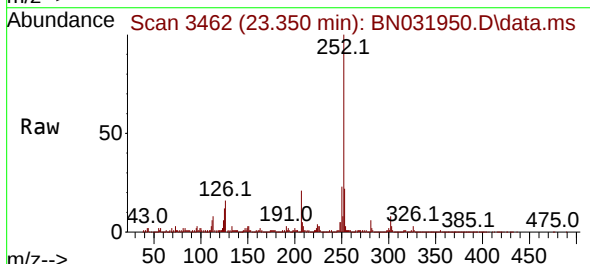
Manual Integrations
APPROVED

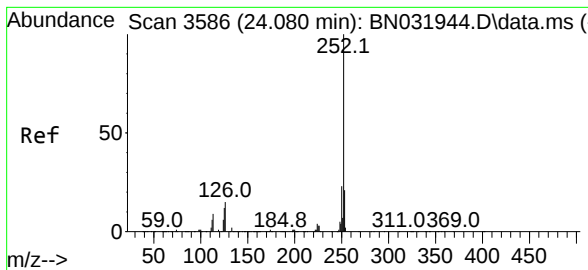
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#91
Benzo(k)fluoranthene
Concen: 9.814 ng/ul m
RT: 23.350 min Scan# 3462
Delta R.T. -0.000 min
Lab File: BN031950.D
Acq: 12 Jun 2024 20:38

Tgt Ion:252 Resp: 936904
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 12.2 9.4 14.2





#93

Benzo(a)pyrene

Concen: 12.253 ng/ul

RT: 24.086 min Scan# 311

Delta R.T. 0.006 min

Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

Instrument :

BNA_N

ClientSampleId :

BH672

Tgt Ion:252 Resp: 1116450

Ion Ratio Lower Upper

252 100

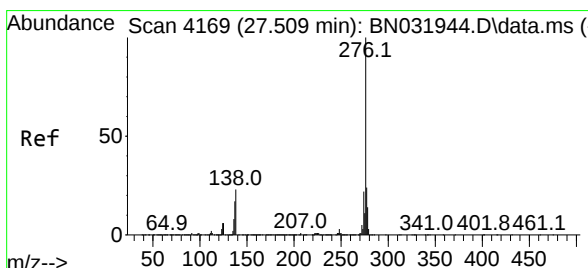
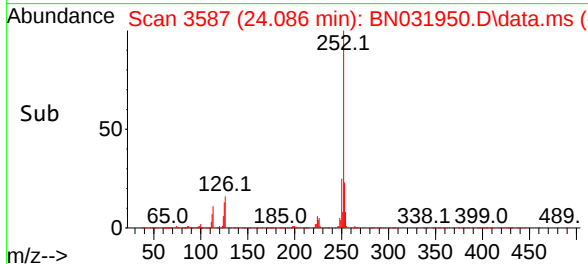
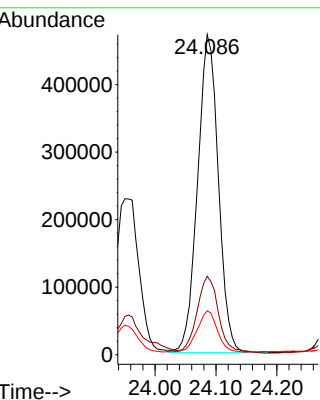
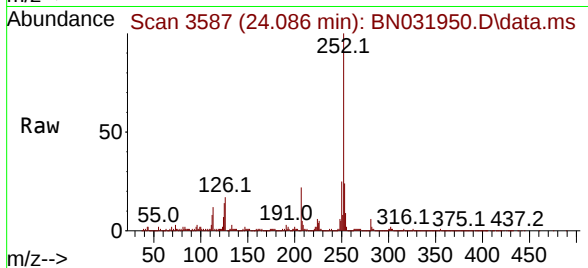
253 24.5 16.6 24.8

125 13.7 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: 10.402 ng/ul m

RT: 27.527 min Scan# 4172

Delta R.T. 0.012 min

Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

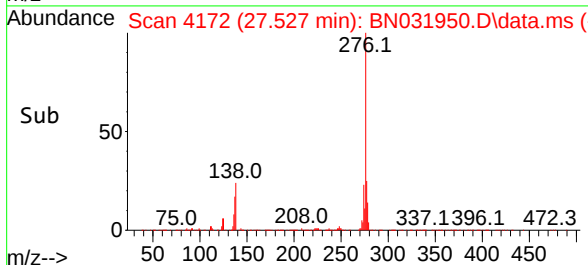
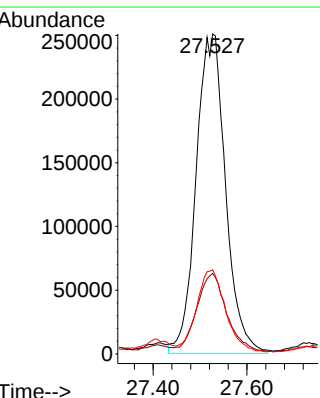
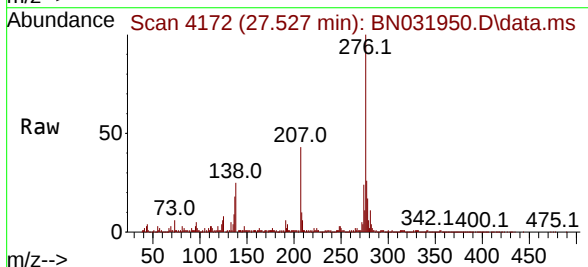
Tgt Ion:276 Resp: 1092150

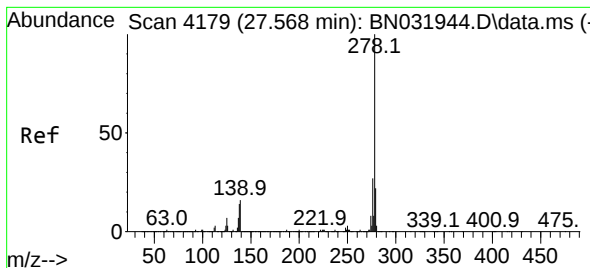
Ion Ratio Lower Upper

276 100

138 25.2 18.1 27.1

277 26.3 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 4.007 ng/ul m

RT: 27.562 min Scan# 4179

Delta R.T. -0.018 min

Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

Instrument :

BNA_N

ClientSampleId :

BH672

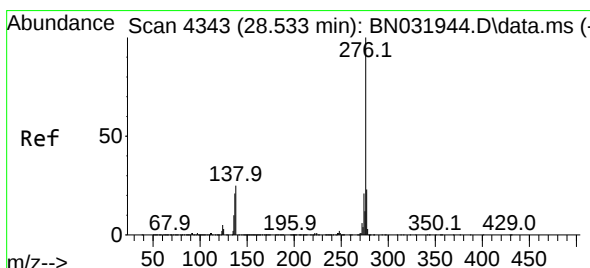
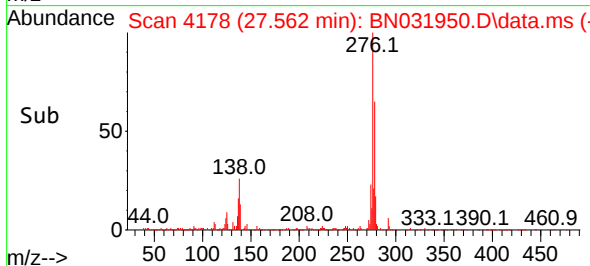
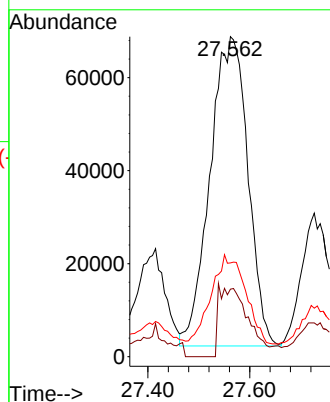
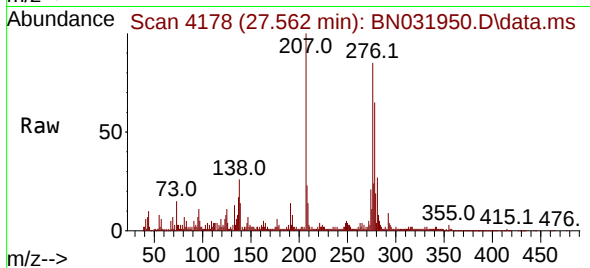
Tgt Ion:278 Resp: 343438

Ion	Ratio	Lower	Upper
278	100		
139	21.1	15.0	22.6
279	29.3	17.4	26.0

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 1.752 ng/ul m

RT: 28.550 min Scan# 4346

Delta R.T. 0.006 min

Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

Tgt Ion:276 Resp: 146233

Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.9	31.3
277	25.1	18.0	27.0

