

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031642.D
 Acq On : 23 May 2024 21:32
 Operator : MA/JU
 Sample : P2547-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5X5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 23 23:49:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	424844	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1613778	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	813325	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1395793	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1253510	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1561052	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	39651	3.699	ng/uL	0.00
4) Pyridine-d5	3.605	84	514417	17.198	ng/u1	0.00
7) Phenol-d5	6.857	99	679155	19.420	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	428238	20.416	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	562349	20.868	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	446759	16.501	ng/u1	0.00
21) Nitrobenzene-d5	8.845	128	260685	21.344	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	249332	21.378	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	464654	20.376	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	636613	19.367	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	1174965	22.923	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	1486637	23.141	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	140359	14.473	ng/u1	0.00
60) Fluorene-d10	15.322	176	985463	22.185	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	69765	11.561	ng/u1	0.00
73) Anthracene-d10	17.169	188	1346658	22.791	ng/u1	0.00
81) Pyrene-d10	19.468	212	1514195	19.258	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1733370	23.590	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.392	153	80465	1.675	ng/u1	91
61) Fluorene	15.375	166	73172	1.456	ng/u1	99
72) Phenanthrene	17.110	178	1480772	20.904	ng/u1	98
74) Anthracene	17.204	178	329486	4.636	ng/u1	97
77) Carbazole	17.474	167	127795	2.107	ng/u1	99
80) Fluoranthene	19.133	202	2364817	24.333	ng/u1	99
82) Pyrene	19.498	202	2111963	21.190	ng/u1	99
85) Benzo(a)anthracene	21.286	228	1206404	14.312	ng/u1	98
87) Chrysene	21.345	228	1094352	14.055	ng/u1	98
90) Benzo(b)fluoranthene	23.315	252	1538332	16.887	ng/u1	97
91) Benzo(k)fluoranthene	23.368	252	538843m	5.803	ng/u1	
93) Benzo(a)pyrene	24.103	252	1157470	13.227	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.533	276	812375	7.735	ng/u1	99
95) Dibenzo(a,h)anthracene	27.580	278	203292m	2.351	ng/u1	
96) Benzo(g,h,i)perylene	28.562	276	787610	9.077	ng/u1	100

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

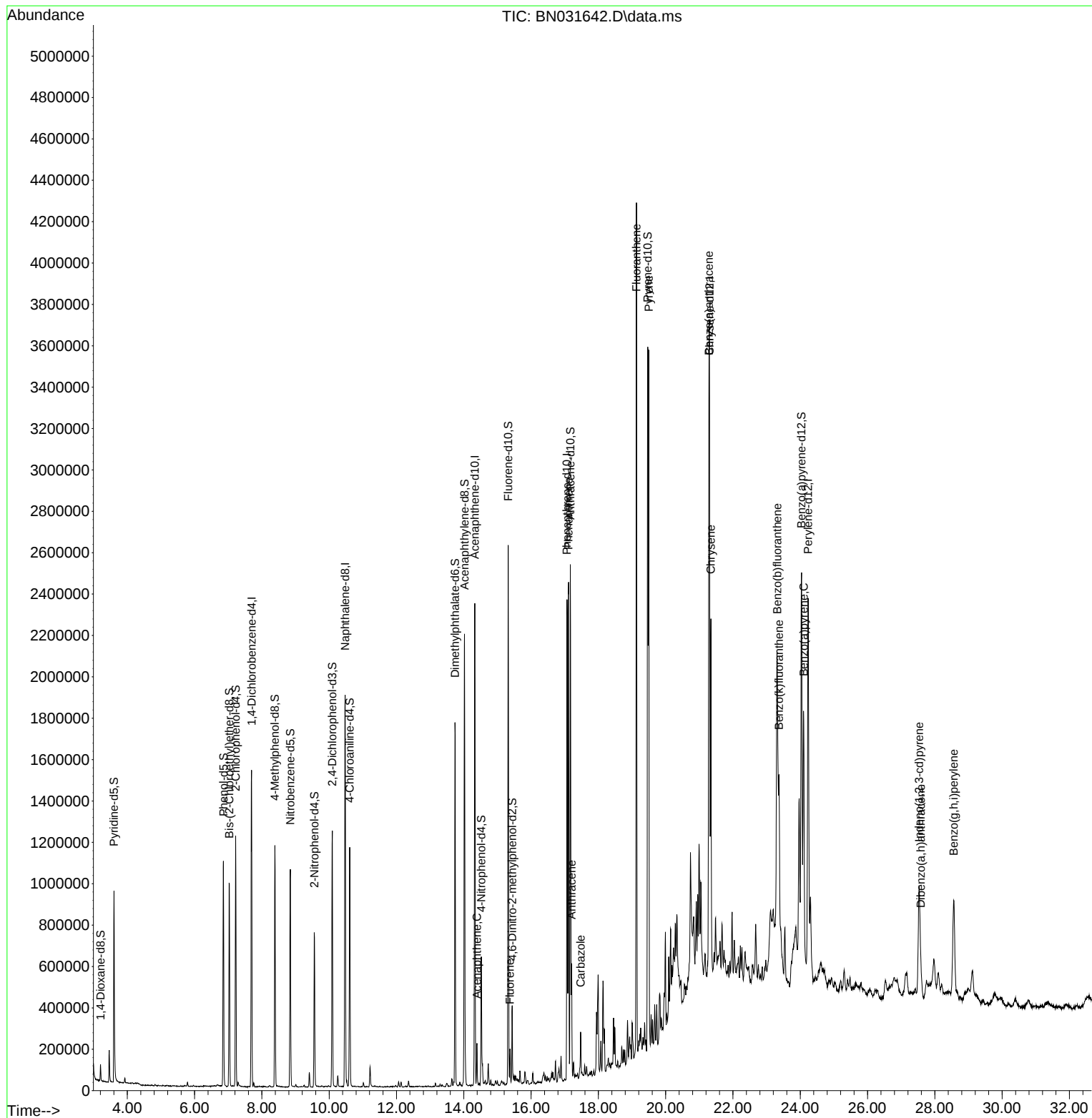
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031642.D
Acq On : 23 May 2024 21:32
Operator : MA/JU
Sample : P2547-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

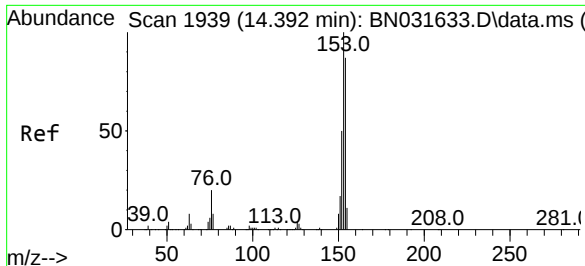
Instrument :
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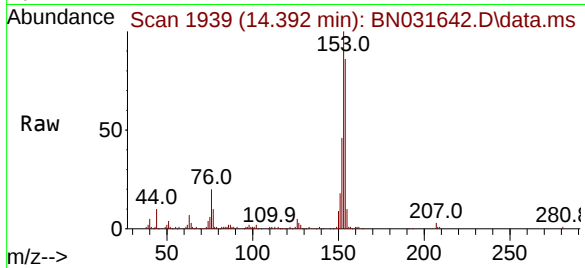
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration





#52
Acenaphthene
Concen: 1.675 ng/ul
RT: 14.392 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BN031642.D
Acq: 23 May 2024 21:32

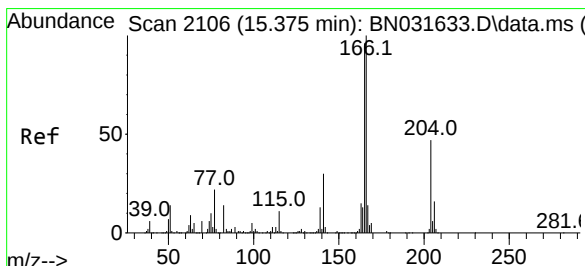
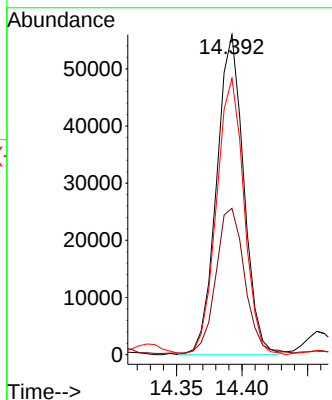
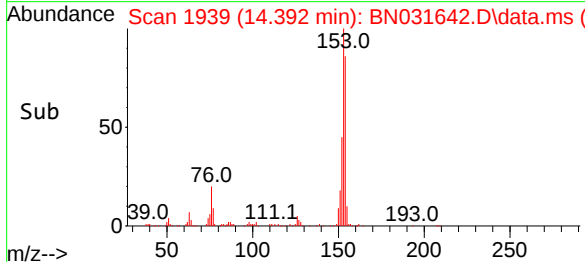
Instrument :
BNA_N
ClientSampleId :
BH5X5



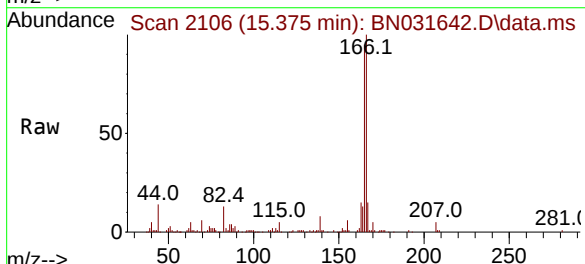
Tgt Ion:153 Resp: 8046
Ion Ratio Lower Upper
153 100
152 45.7 40.5 60.7
154 86.4 76.6 114.8

Manual Integrations
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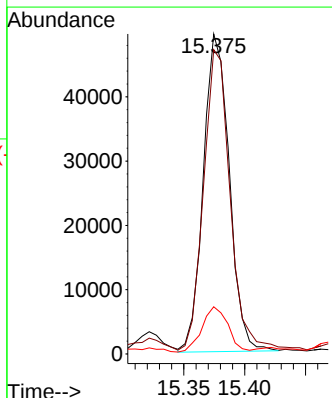
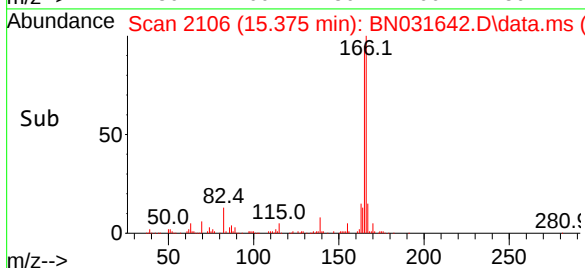
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

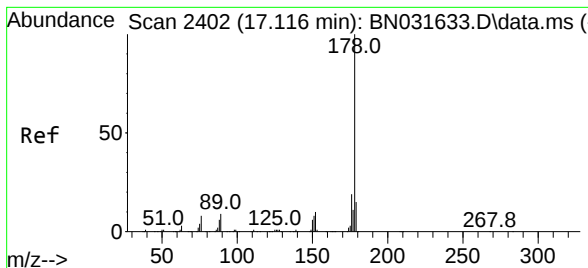


#61
Fluorene
Concen: 1.456 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BN031642.D
Acq: 23 May 2024 21:32



Tgt Ion:166 Resp: 73172
Ion Ratio Lower Upper
166 100
165 95.1 77.0 115.6
167 14.8 10.9 16.3





#72

Phenanthrene

Concen: 20.904 ng/ul

RT: 17.110 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BN031642.D

Acq: 23 May 2024 21:32

Instrument :

BNA_N

ClientSampleId :

BH5X5

Tgt Ion:178 Resp: 1480772

Ion Ratio Lower Upper

178 100

179 15.0 12.6 18.8

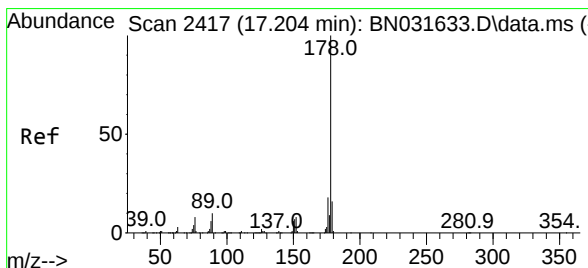
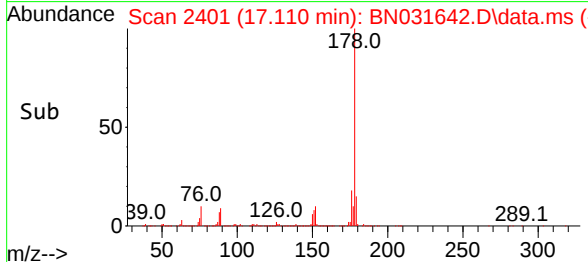
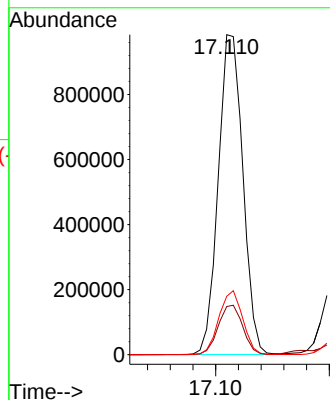
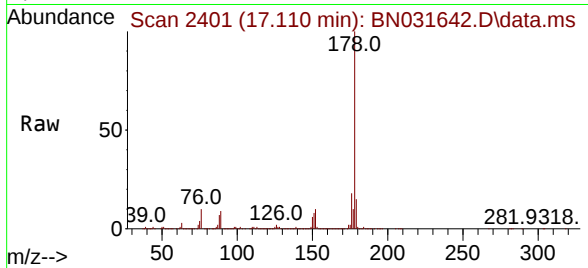
176 18.2 15.2 22.8

Manual Integrations

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Supervised By :mohammad ahmed 05/25/2024



#74

Anthracene

Concen: 4.636 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BN031642.D

Acq: 23 May 2024 21:32

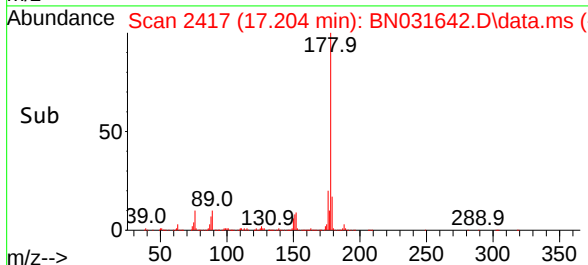
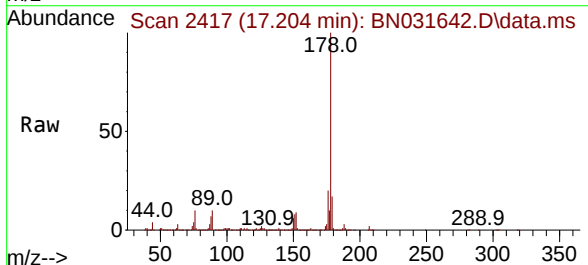
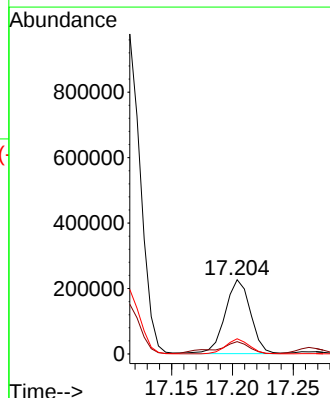
Tgt Ion:178 Resp: 329486

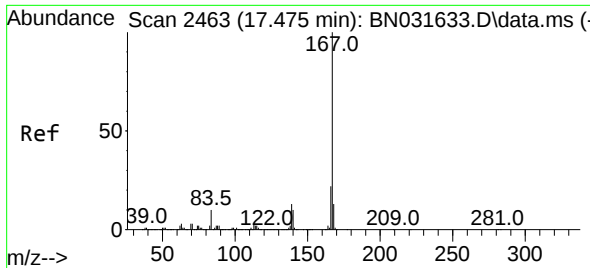
Ion Ratio Lower Upper

178 100

179 16.6 11.9 17.9

176 20.4 15.4 23.2





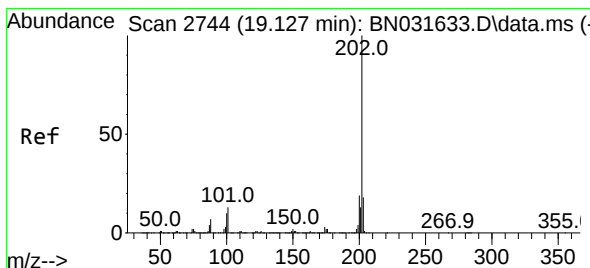
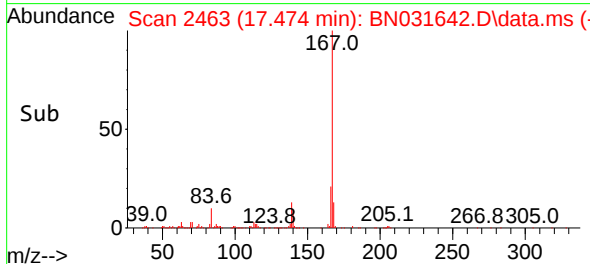
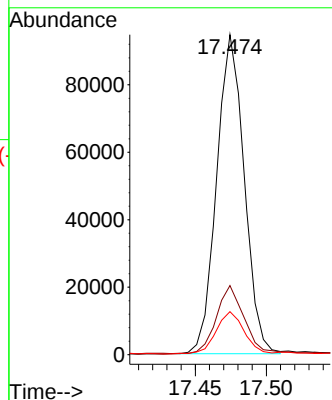
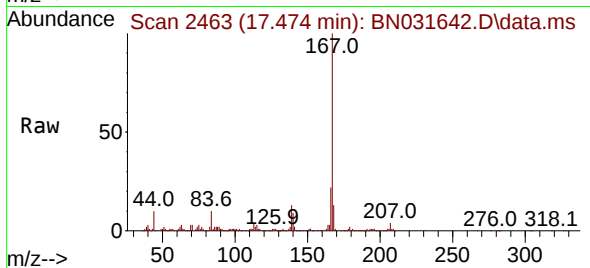
#77
 Carbazole
 Concen: 2.107 ng/ul
 RT: 17.474 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031642.D
 Acq: 23 May 2024 21:32

Instrument :
 BNA_N
 ClientSampleId :
 BH5X5

Tgt Ion:167 Resp: 127795
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.7 25.1
 139 13.5 10.5 15.7

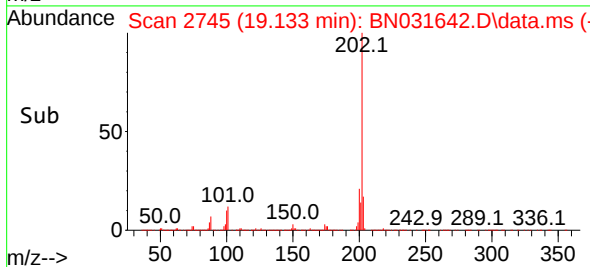
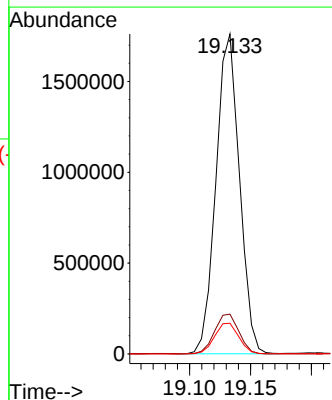
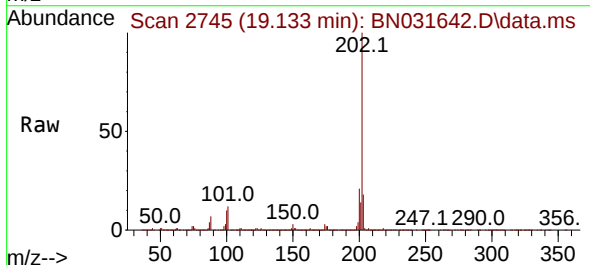
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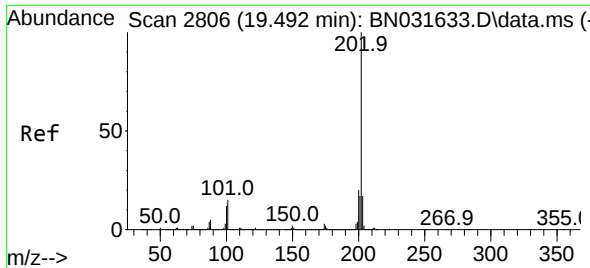
Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024



#80
 Fluoranthene
 Concen: 24.333 ng/ul
 RT: 19.133 min Scan# 2745
 Delta R.T. -0.000 min
 Lab File: BN031642.D
 Acq: 23 May 2024 21:32

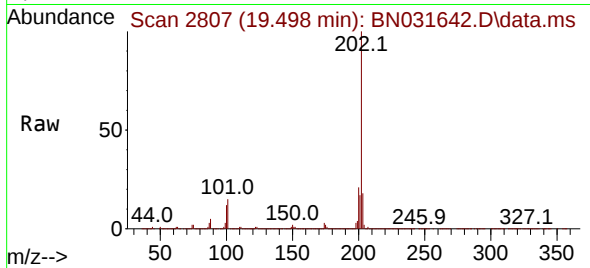
Tgt Ion:202 Resp: 2364817
 Ion Ratio Lower Upper
 202 100
 101 12.5 10.1 15.1
 100 9.6 8.0 12.0





#82
Pyrene
Concen: 21.190 ng/ul
RT: 19.498 min Scan# 211196
Delta R.T. -0.000 min
Lab File: BN031642.D
Acq: 23 May 2024 21:32

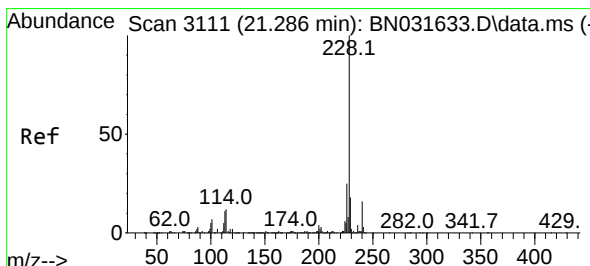
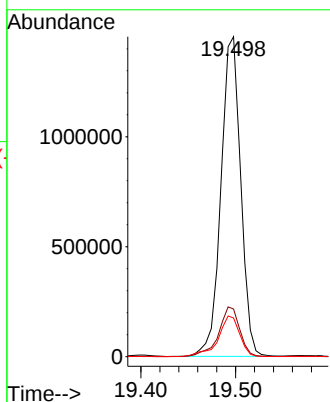
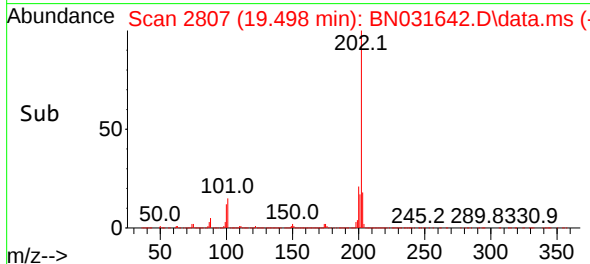
Instrument :
BNA_N
ClientSampleId :
BH5X5



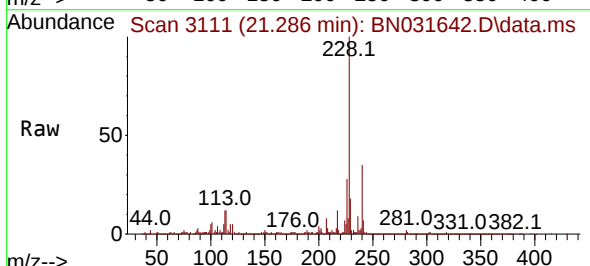
Tgt Ion:202 Resp: 211196
Ion Ratio Lower Upper
202 100
101 14.9 11.4 17.2
100 12.1 9.3 13.9

Manual Integrations
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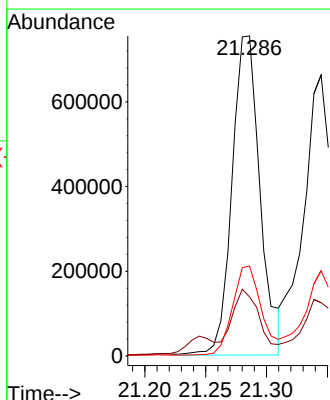
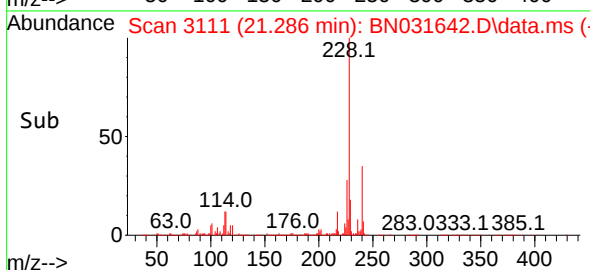
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

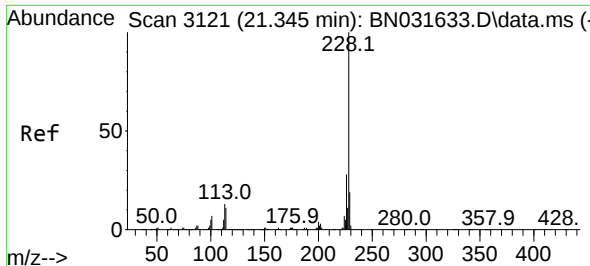


#85
Benzo(a)anthracene
Concen: 14.312 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN031642.D
Acq: 23 May 2024 21:32



Tgt Ion:228 Resp: 1206404
Ion Ratio Lower Upper
228 100
229 18.5 15.7 23.5
226 28.1 21.9 32.9





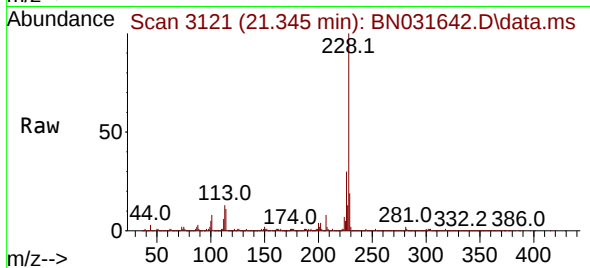
#87
Chrysene
Concen: 14.055 ng/u1
RT: 21.345 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BN031642.D
Acq: 23 May 2024 21:32

Instrument :

BNA_N

ClientSampleId :

BH5X5



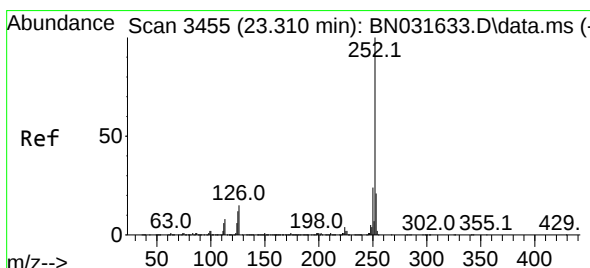
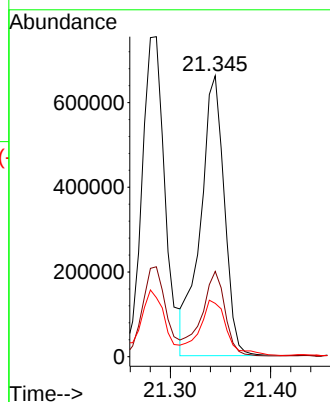
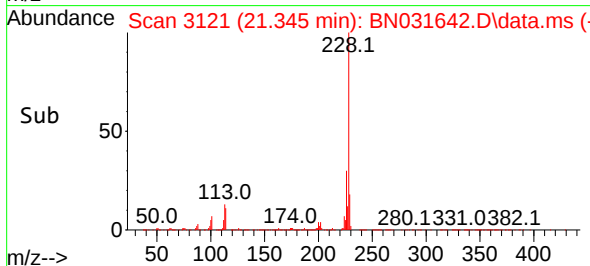
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Ion Ratio Lower Upper
228 100
226 30.4 22.9 34.3
229 19.0 15.2 22.8

Manual Integrations

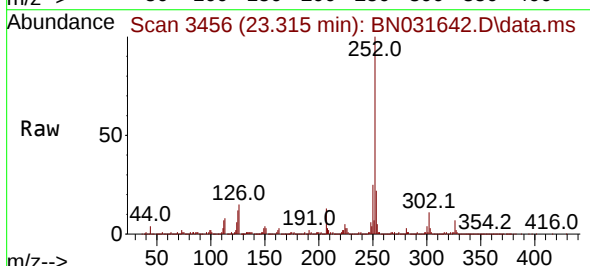
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

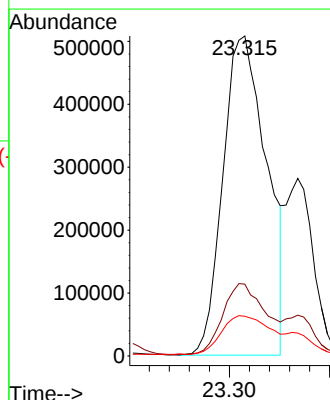
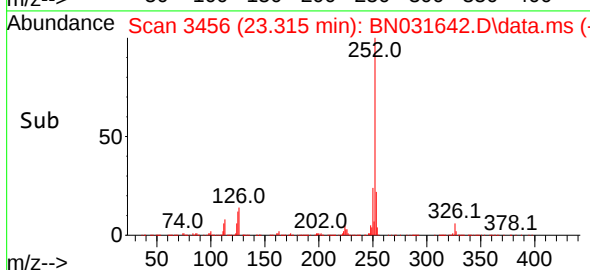
Supervised By :mohammad ahmed 05/25/2024

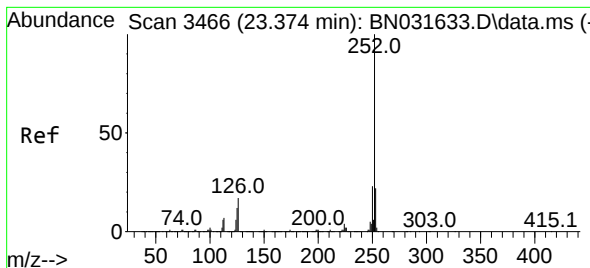


#90
Benzo(b)fluoranthene
Concen: 16.887 ng/u1
RT: 23.315 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BN031642.D
Acq: 23 May 2024 21:32



Tgt Ion:252 Resp: 1538332
Ion Ratio Lower Upper
252 100
253 22.5 16.8 25.2
125 12.4 9.3 13.9





#91

Benzo(k)fluoranthene

Concen: 5.803 ng/ul m

RT: 23.368 min Scan# 3466

Delta R.T. -0.000 min

Lab File: BN031642.D

Acq: 23 May 2024 21:32

Instrument :

BNA_N

ClientSampleId :

BH5X5

Tgt Ion:252 Resp: 53884

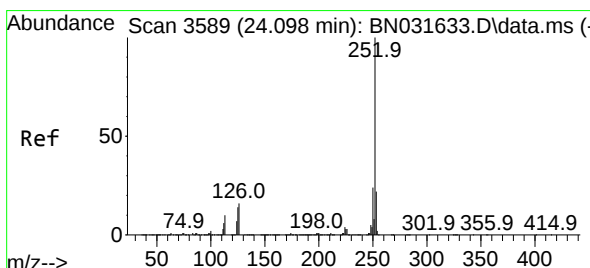
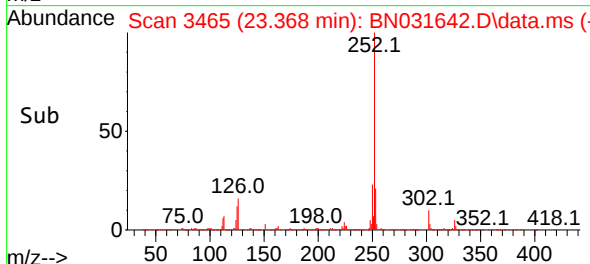
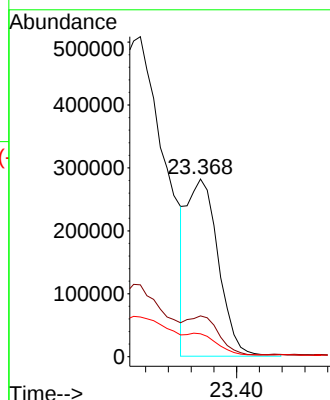
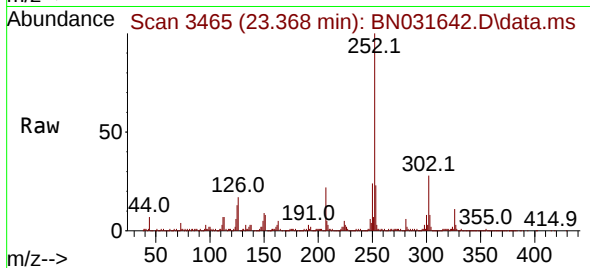
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	12.9	9.3	13.9

Manual Integrations

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Supervised By :mohammad ahmed 05/25/2024



#93

Benzo(a)pyrene

Concen: 13.227 ng/ul

RT: 24.103 min Scan# 3590

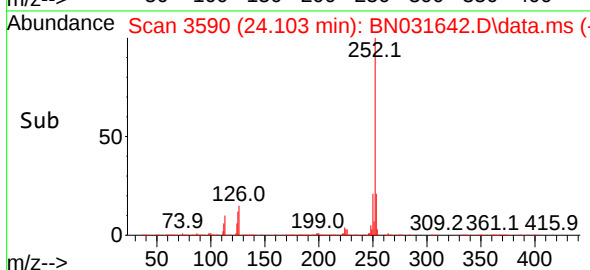
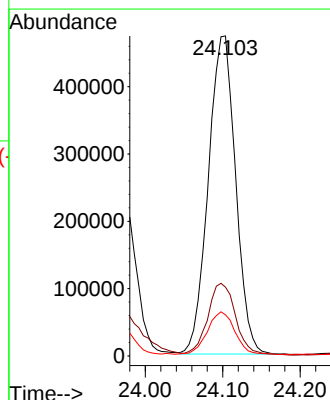
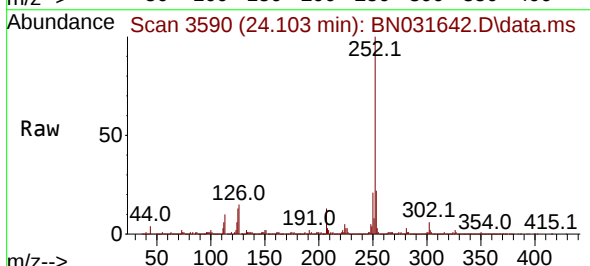
Delta R.T. -0.000 min

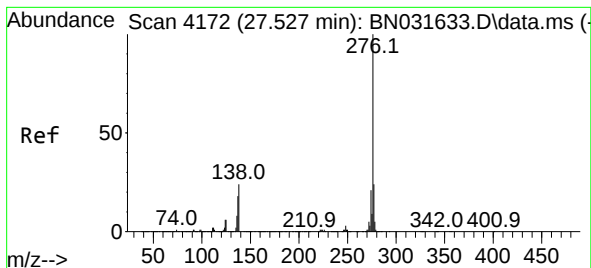
Lab File: BN031642.D

Acq: 23 May 2024 21:32

Tgt Ion:252 Resp: 1157470

Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.6	24.8
125	12.9	9.8	14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.735 ng/ul

RT: 27.533 min Scan# 4173

Delta R.T. -0.000 min

Lab File: BN031642.D

Acq: 23 May 2024 21:32

Instrument :

BNA_N

ClientSampleId :

BH5X5

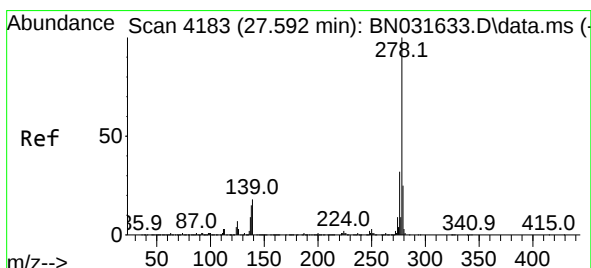
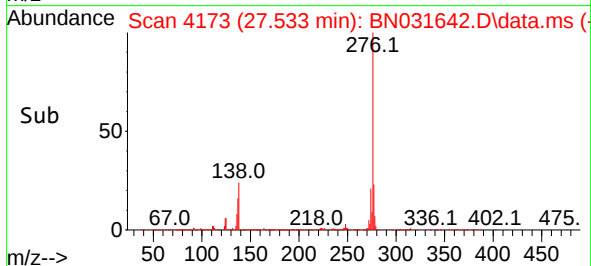
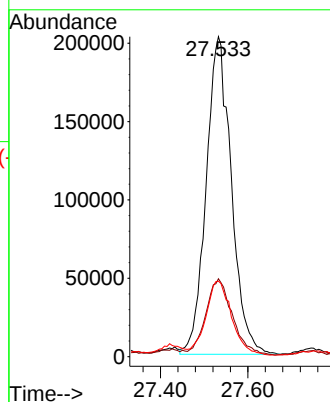
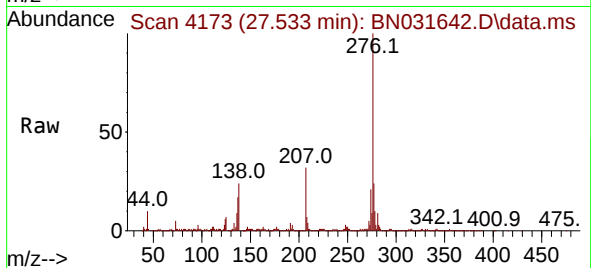
Tgt Ion:	276	Resp:	81237
Ion Ratio	Lower	Upper	
276	100		
138	24.4	19.8	29.6
277	23.6	18.2	27.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/25/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.351 ng/ul m

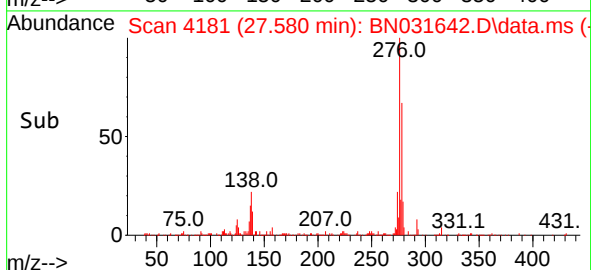
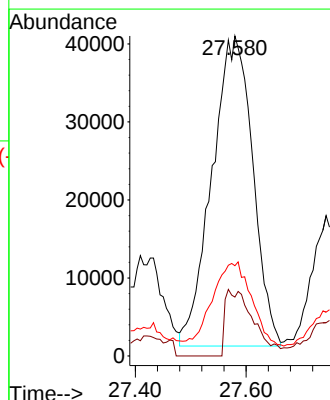
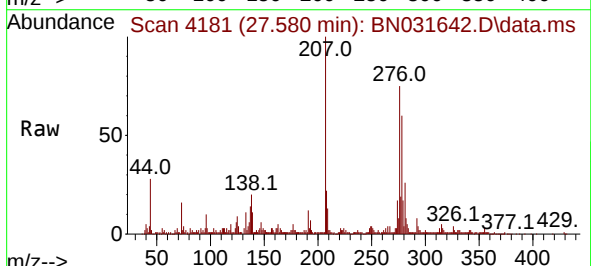
RT: 27.580 min Scan# 4181

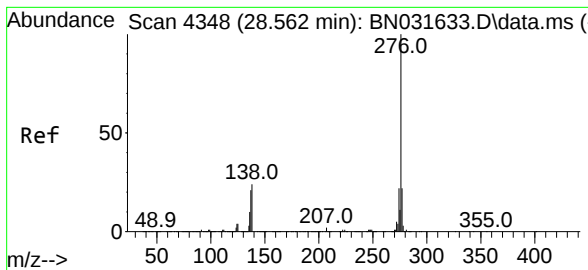
Delta R.T. -0.012 min

Lab File: BN031642.D

Acq: 23 May 2024 21:32

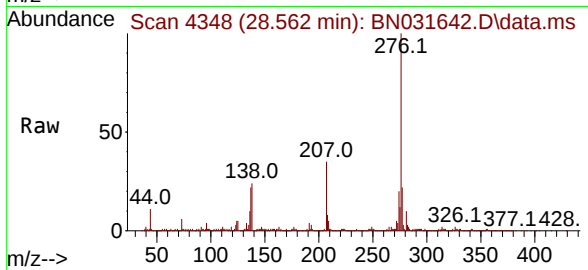
Tgt Ion:	278	Resp:	203292
Ion Ratio	Lower	Upper	
278	100		
139	18.4	15.2	22.8
279	28.2	18.4	27.6





#96
 Benzo(g,h,i)perylene
 Concen: 9.077 ng/ul
 RT: 28.562 min Scan# 4348
 Delta R.T. 0.006 min
 Lab File: BN031642.D
 Acq: 23 May 2024 21:32

Instrument :
 BNA_N
 ClientSampleId :
 BH5X5



Tgt Ion: 276 Resp: 787610

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.5	29.3
277	21.8	17.6	26.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

