

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020964.D
 Acq On : 15 Jul 2024 18:53
 Operator : MA/JU
 Sample : P3087-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CB7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 15 22:57:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	183812	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	736421	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.310	164	485864	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	1033740	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	947658	20.000	ng/u1	0.00
88) Perylene-d12	24.857	264	1137301	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	18109	4.483	ng/uL	0.01
4) Pyridine-d5	3.693	84	13679m	1.170	ng/u1	0.04
7) Phenol-d5	6.899	99	391085	26.097	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	242292	26.679	ng/u1	0.01
11) 2-Chlorophenol-d4	7.246	132	335472	27.170	ng/u1	0.01
15) 4-Methylphenol-d8	8.410	113	282779	22.720	ng/u1	0.02
21) Nitrobenzene-d5	8.846	128	162652	28.436	ng/u1	0.02
24) 2-Nitrophenol-d4	9.551	143	187710	28.672	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.098	165	337139	28.479	ng/u1	0.01
31) 4-Chloroaniline-d4	10.604	131	209210	13.340	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	1105952	31.313	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	1206093	30.411	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	135968	27.057	ng/u1	0.00
60) Fluorene-d10	15.316	176	960895	33.162	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	160809	25.710	ng/u1	0.00
73) Anthracene-d10	17.227	188	1430076	31.147	ng/u1	0.00
81) Pyrene-d10	19.598	212	1493470	25.491	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.627	264	1129429	20.135	ng/u1	0.02
Target Compounds					Qvalue	
52) Acenaphthene	14.375	153	47084	1.580	ng/u1	97
61) Fluorene	15.375	166	54940	1.650	ng/u1	97
72) Phenanthrene	17.169	178	1162132	21.671	ng/u1	99
74) Anthracene	17.257	178	211242	3.864	ng/u1	100
77) Carbazole	17.551	167	102782	2.300	ng/u1	99
80) Fluoranthene	19.251	202	2163214	30.574	ng/u1	99
82) Pyrene	19.633	202	1441599	20.023	ng/u1	99
85) Benzo(a)anthracene	21.539	228	904749	13.629	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	1098450	25.445	ng/u1	99
87) Chrysene	21.604	228	985917	15.983	ng/u1	97
90) Benzo(b)fluoranthene	23.810	252	1307481	18.944	ng/u1	97
91) Benzo(k)fluoranthene	23.874	252	475487m	6.903	ng/u1	
93) Benzo(a)pyrene	24.692	252	440111	6.748	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.597	276	446840	5.317	ng/u1	99
95) Dibenzo(a,h)anthracene	28.656	278	164930m	2.370	ng/u1	

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

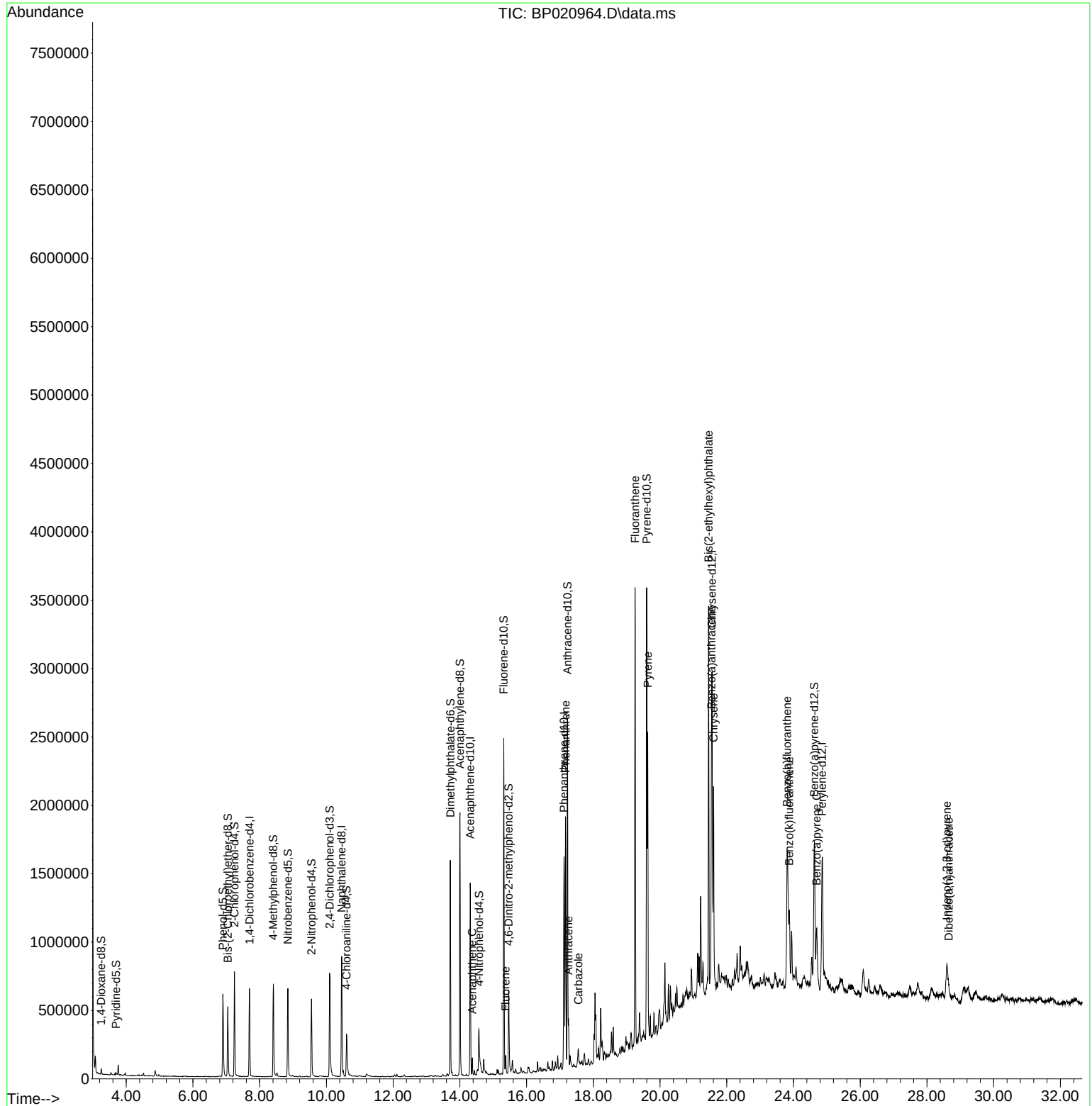
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP020964.D
Acq On : 15 Jul 2024 18:53
Operator : MA/JU
Sample : P3087-01
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ALS Vial : 10 Sample Multiplier: 1

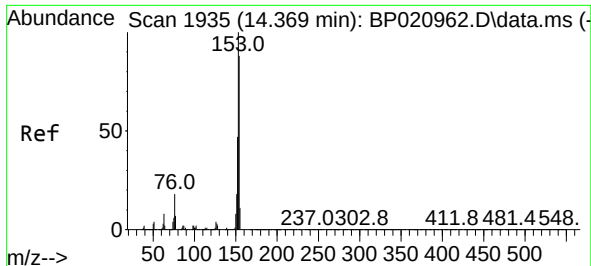
Instrument :
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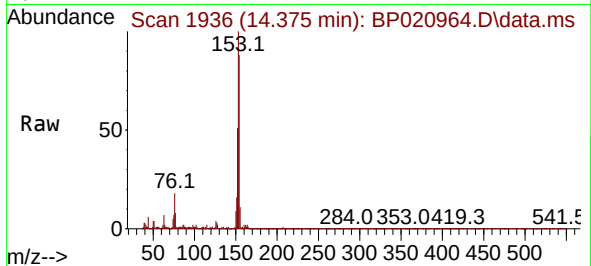
Quant Time: Jul 15 22:57:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration





#52
Acenaphthene
Concen: 1.580 ng/ul
RT: 14.375 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP020964.D
Acq: 15 Jul 2024 18:53

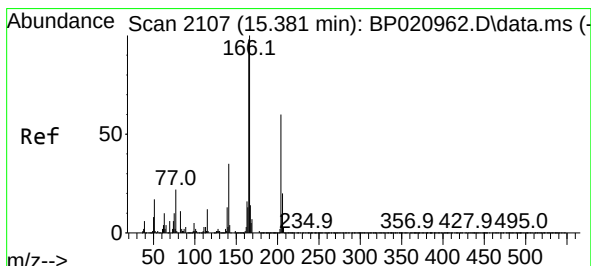
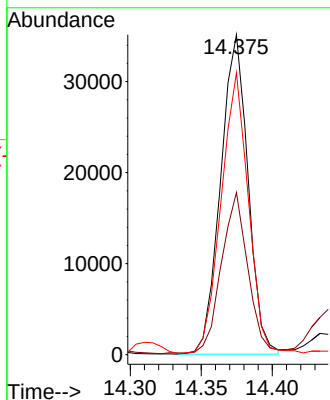
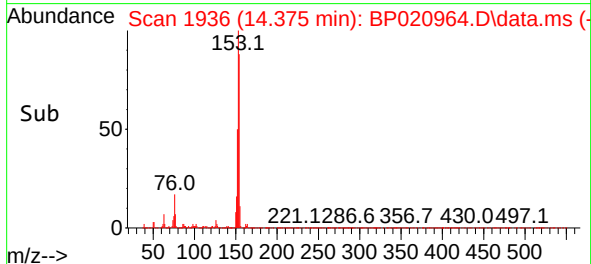
Instrument :
BNA_P
ClientSampleId :
A4CB7



Tgt Ion:153 Resp: 47084
Ion Ratio Lower Upper
153 100
152 50.7 37.8 56.6
154 88.1 71.8 107.6

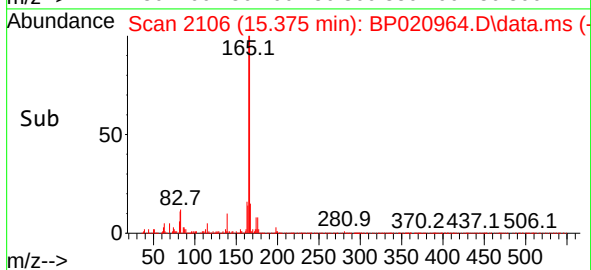
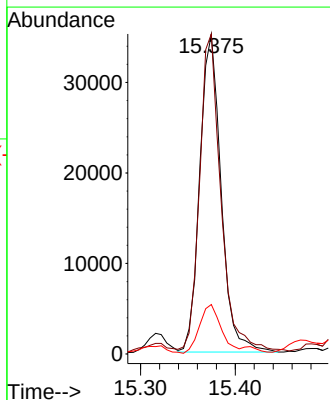
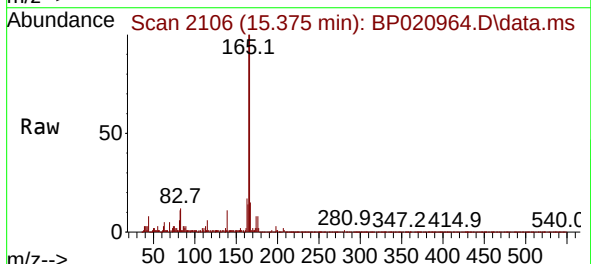
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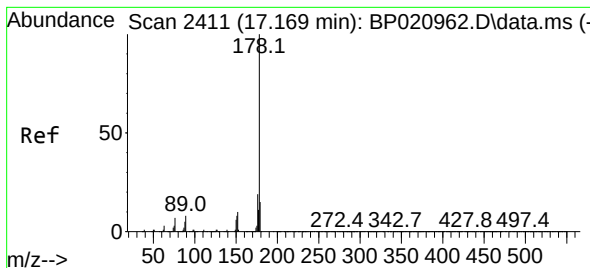
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#61
Fluorene
Concen: 1.650 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BP020964.D
Acq: 15 Jul 2024 18:53

Tgt Ion:166 Resp: 54940
Ion Ratio Lower Upper
166 100
165 100.1 78.1 117.1
167 15.5 10.9 16.3





#72

Phenanthrene

Concen: 21.671 ng/ul

RT: 17.169 min Scan# 2411

Delta R.T. 0.006 min

Lab File: BP020964.D

Acq: 15 Jul 2024 18:53

Instrument :

BNP_P

ClientSampleId :

A4CB7

Tgt Ion:178 Resp: 116213

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

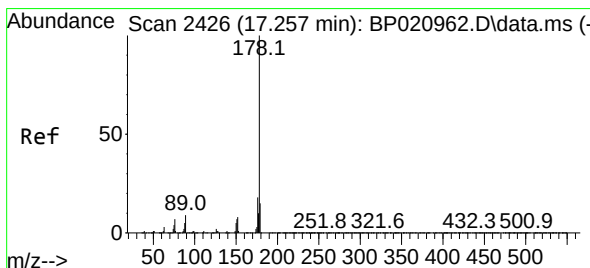
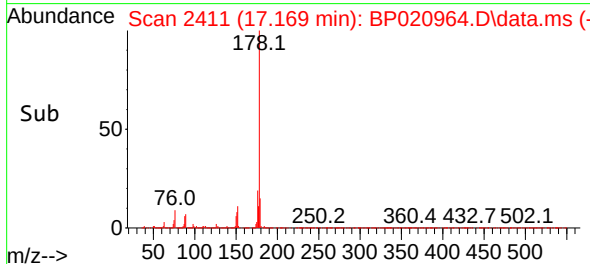
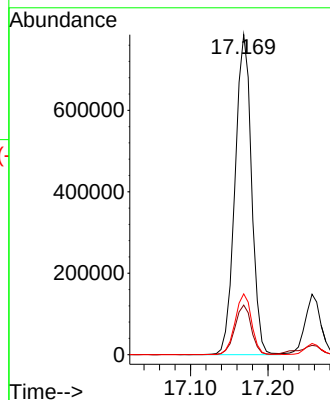
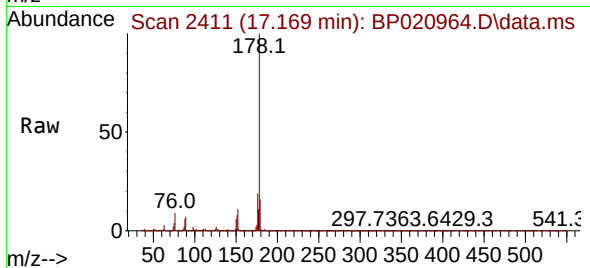
176 19.0 15.0 22.4

Manual Integrations

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#74

Anthracene

Concen: 3.864 ng/ul

RT: 17.257 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BP020964.D

Acq: 15 Jul 2024 18:53

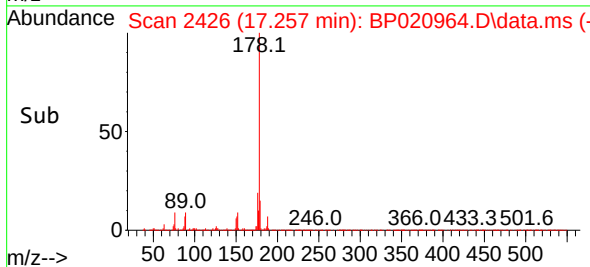
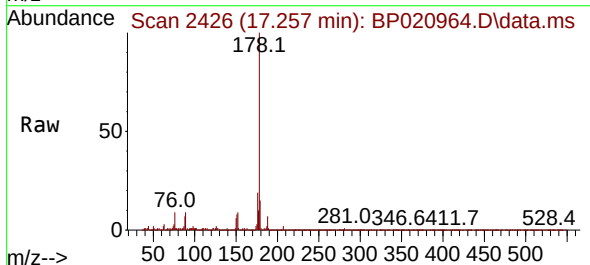
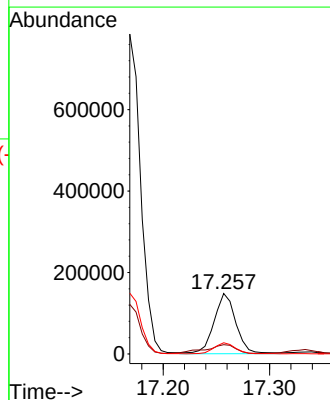
Tgt Ion:178 Resp: 211242

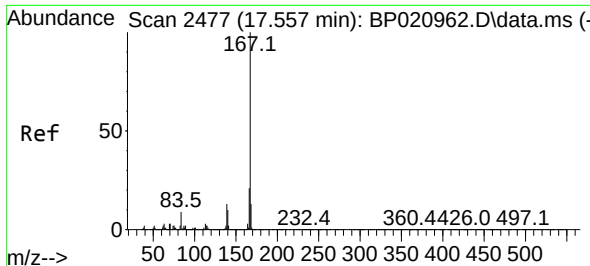
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

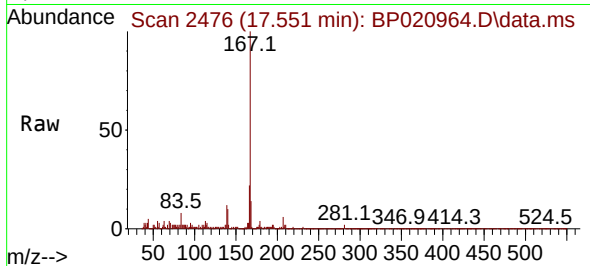
176 18.6 14.8 22.2





#77
 Carbazole
 Concen: 2.300 ng/ul
 RT: 17.551 min Scan# 2477
 Delta R.T. 0.012 min
 Lab File: BP020964.D
 Acq: 15 Jul 2024 18:53

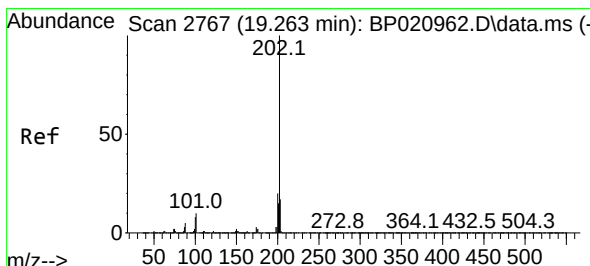
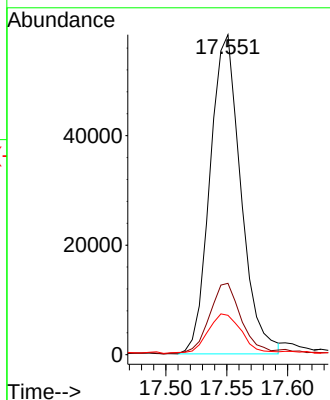
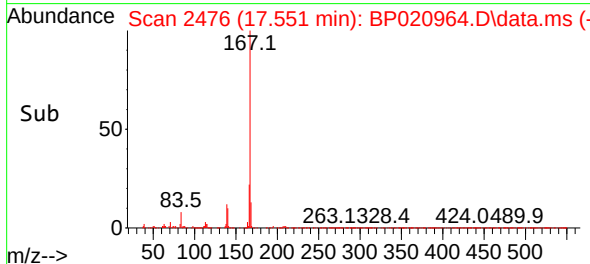
Instrument :
 BNA_P
 ClientSampleId :
 A4CB7



Tgt Ion:167 Resp: 102782
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.3 25.9
 139 12.3 10.2 15.2

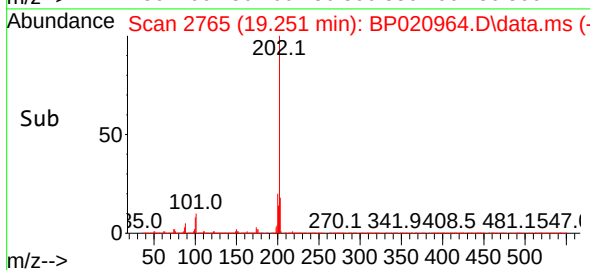
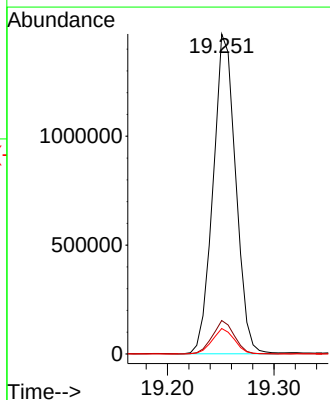
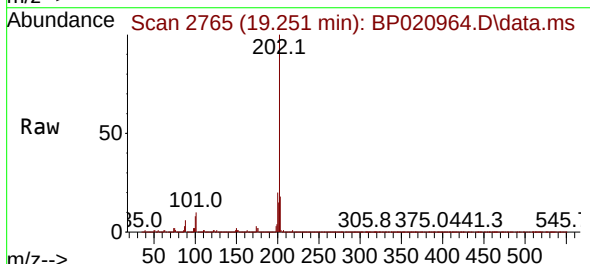
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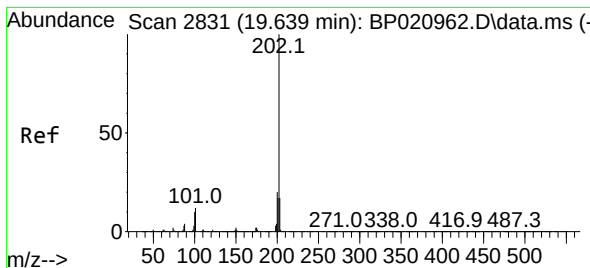
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024



#80
 Fluoranthene
 Concen: 30.574 ng/ul
 RT: 19.251 min Scan# 2765
 Delta R.T. -0.000 min
 Lab File: BP020964.D
 Acq: 15 Jul 2024 18:53

Tgt Ion:202 Resp: 2163214
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.0 12.0
 100 7.9 6.1 9.1





#82

Pyrene

Concen: 20.023 ng/ul

RT: 19.633 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020964.D

Acq: 15 Jul 2024 18:53

Instrument :

BNA_P

ClientSampleId :

A4CB7

Tgt Ion:202 Resp: 144159

Ion Ratio Lower Upper

202 100

101 11.3 9.4 14.2

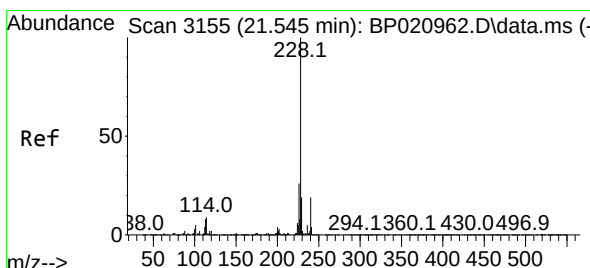
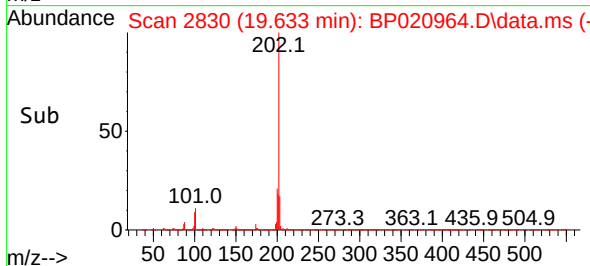
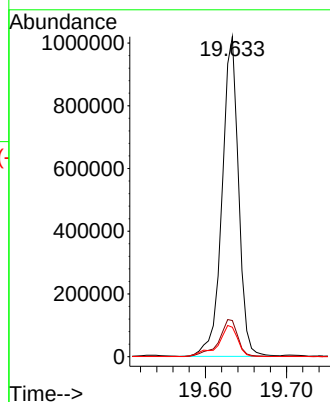
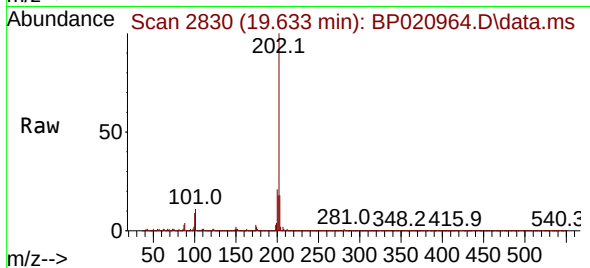
100 9.2 7.8 11.6

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#85

Benzo(a)anthracene

Concen: 13.629 ng/ul

RT: 21.539 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BP020964.D

Acq: 15 Jul 2024 18:53

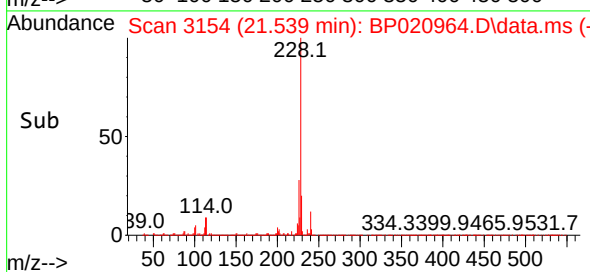
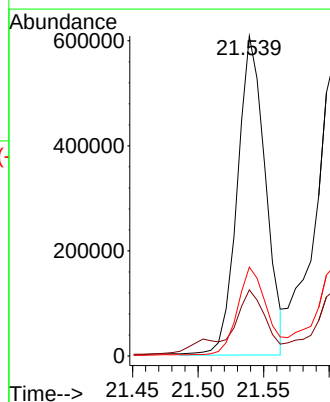
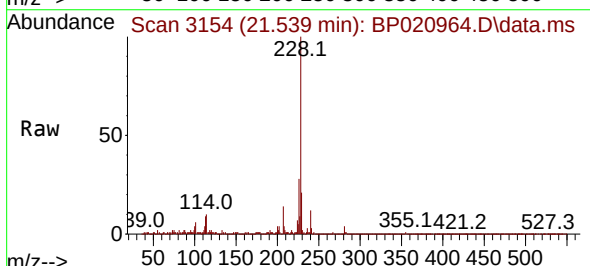
Tgt Ion:228 Resp: 904749

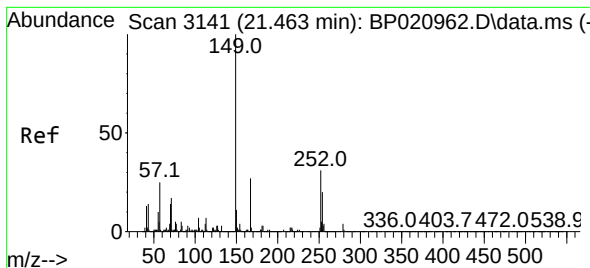
Ion Ratio Lower Upper

228 100

229 20.6 15.5 23.3

226 27.8 21.4 32.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 25.445 ng/ul

RT: 21.457 min Scan# 3141

Delta R.T. 0.012 min

Lab File: BP020964.D

Acq: 15 Jul 2024 18:53

Instrument :

BNA_P

ClientSampleId :

A4CB7

Tgt Ion:149 Resp: 1098450

Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

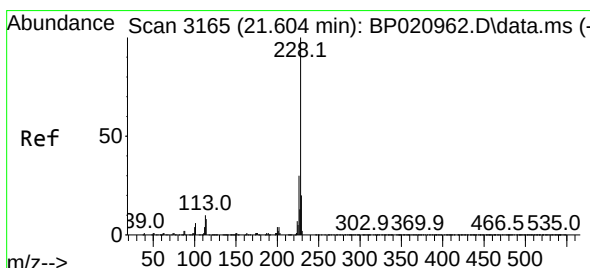
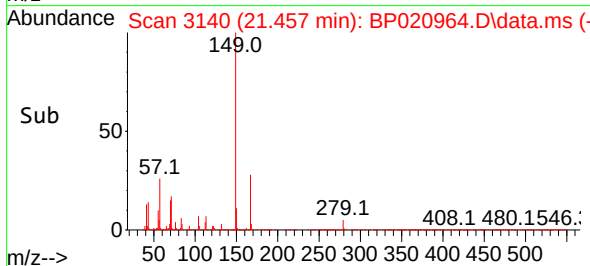
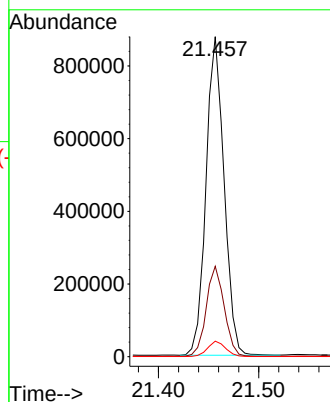
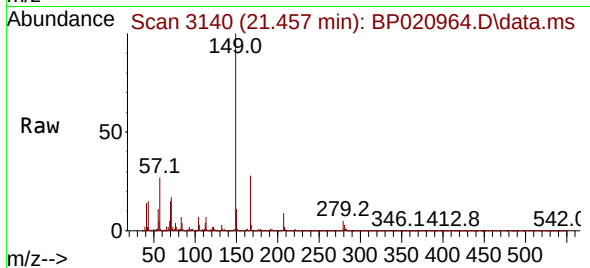
279 4.9 3.7 5.5

Manual Integrations

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#87

Chrysene

Concen: 15.983 ng/ul

RT: 21.604 min Scan# 3165

Delta R.T. 0.006 min

Lab File: BP020964.D

Acq: 15 Jul 2024 18:53

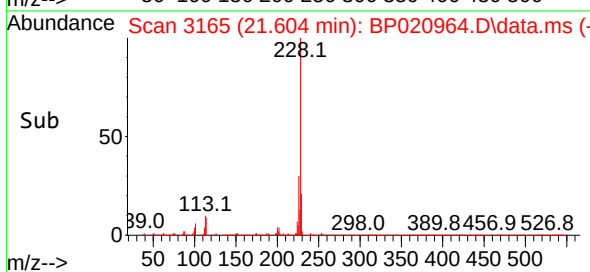
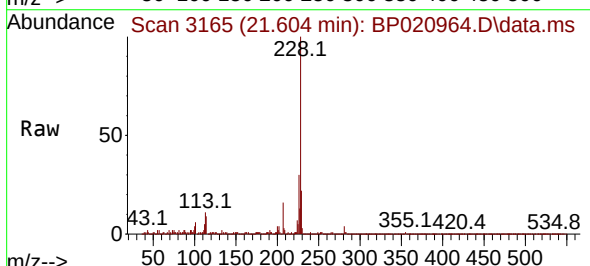
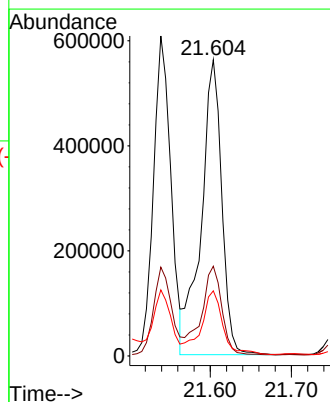
Tgt Ion:228 Resp: 985917

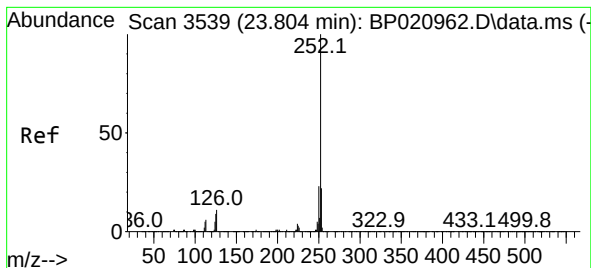
Ion Ratio Lower Upper

228 100

226 30.3 23.6 35.4

229 22.0 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 18.944 ng/ul

RT: 23.810 min Scan# 3540

Delta R.T. 0.029 min

Lab File: BP020964.D

Acq: 15 Jul 2024 18:53

Instrument :

BNP_P

ClientSampleId :

A4CB7

Tgt Ion:252 Resp: 130748

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

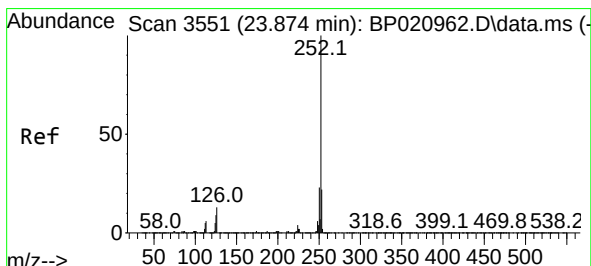
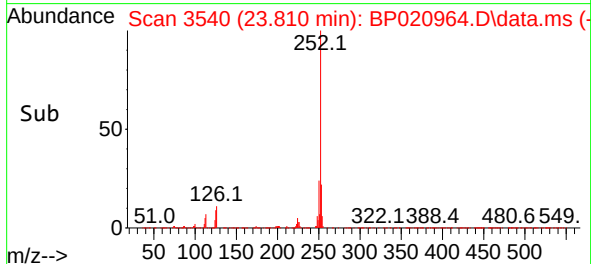
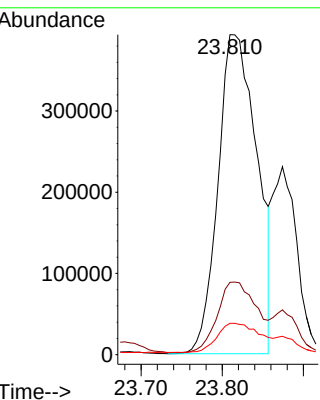
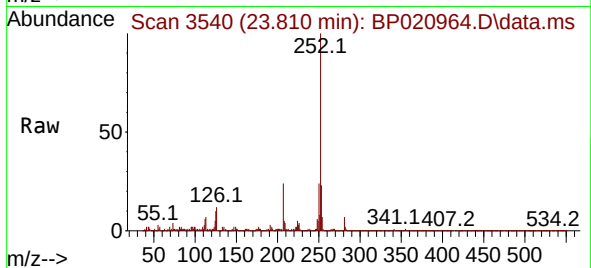
125 9.8 7.0 10.4

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 6.903 ng/ul m

RT: 23.874 min Scan# 3551

Delta R.T. 0.023 min

Lab File: BP020964.D

Acq: 15 Jul 2024 18:53

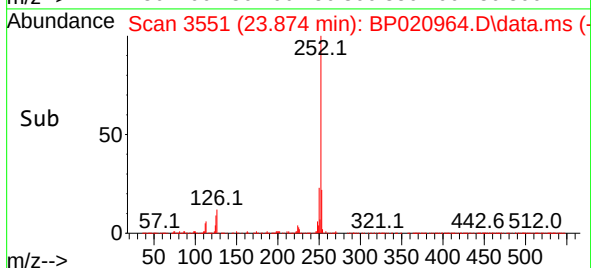
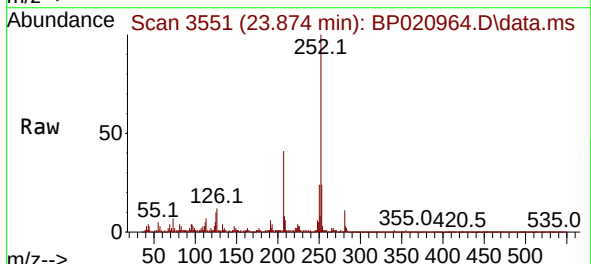
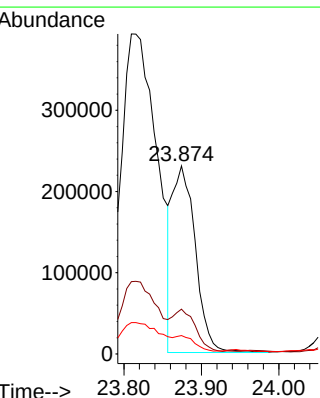
Tgt Ion:252 Resp: 475487

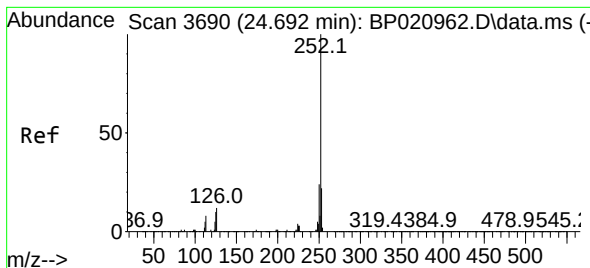
Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.2

125 9.8 7.4 11.0





#93

Benzo(a)pyrene

Concen: 6.748 ng/ul

RT: 24.692 min Scan# 30

Delta R.T. 0.023 min

Lab File: BP020964.D

Acq: 15 Jul 2024 18:53

Instrument :

BNA_P

ClientSampleId :

A4CB7

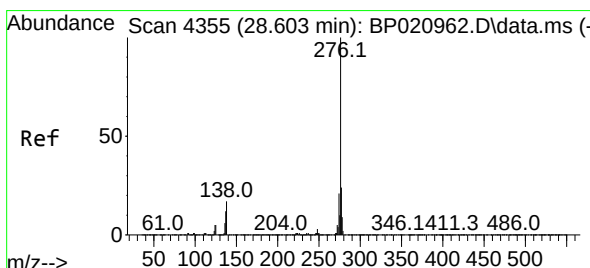
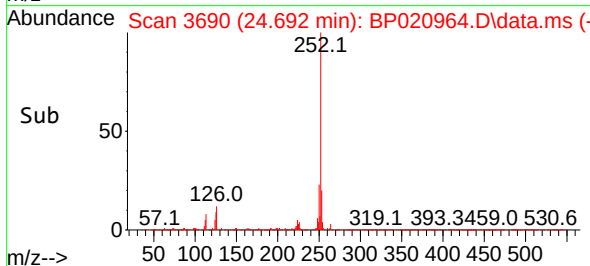
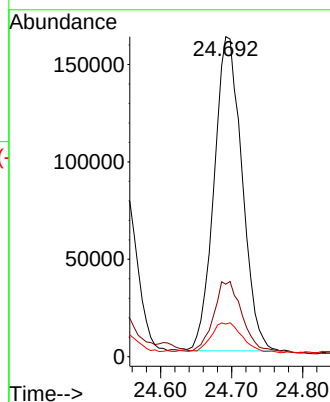
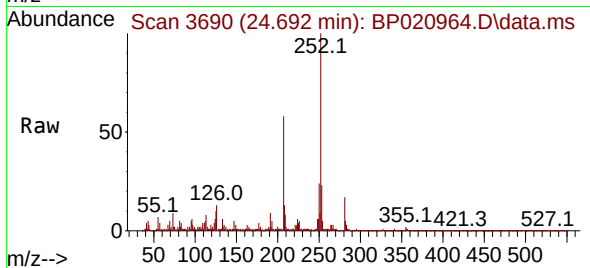
Tgt Ion:	252	Resp:	44011
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	10.2	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/18/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.317 ng/ul

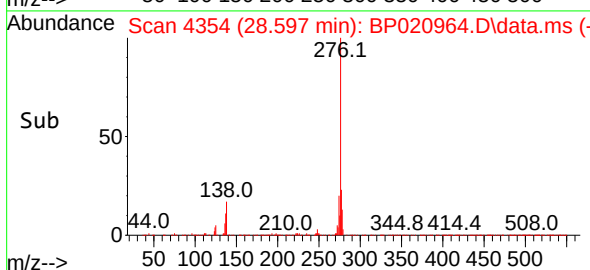
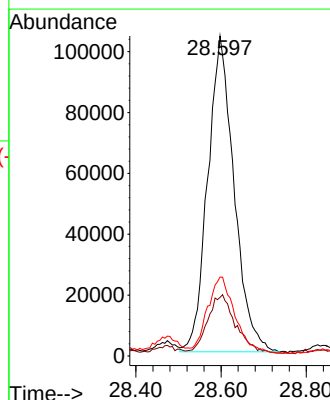
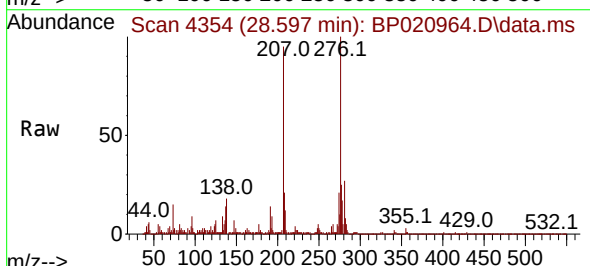
RT: 28.597 min Scan# 4354

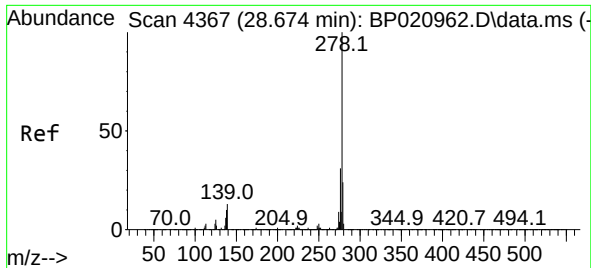
Delta R.T. 0.023 min

Lab File: BP020964.D

Acq: 15 Jul 2024 18:53

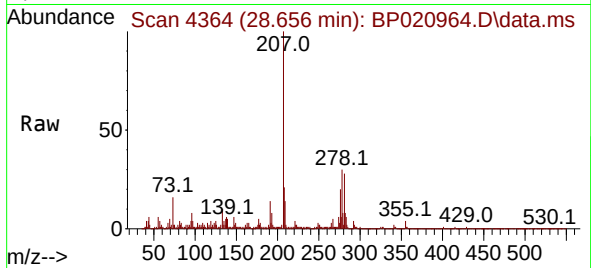
Tgt Ion:	276	Resp:	446840
Ion Ratio	Lower	Upper	
276	100		
138	18.3	14.3	21.5
277	24.6	19.2	28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 2.370 ng/ul m
 RT: 28.656 min Scan# 4364
 Delta R.T. 0.023 min
 Lab File: BP020964.D
 Acq: 15 Jul 2024 18:53

Instrument :
 BNA_P
 ClientSampleId :
 A4CB7



Tgt Ion:278 Resp: 164930
 Ion Ratio Lower Upper
 278 100
 139 15.3 10.9 16.3
 279 28.7 19.4 29.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

