

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
 Data File : BP019436.D
 Acq On : 24 Jan 2024 00:39
 Operator : MA/JU
 Sample : P1158-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AK5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
 Supervised By :mohammad ahmed 01/25/2024

Quant Time: Jan 24 01:41:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 11:49:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	185519	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	713591	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.410	164	445337	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	839811	20.000	ng/u1	0.00
79) Chrysene-d12	21.274	240	695767	20.000	ng/u1	0.00
88) Perylene-d12	23.627	264	869360	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/u1	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/u1	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/u1	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	0.000	176	0d	0.000	ng/u1	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	0.000	188	0d	0.000	ng/u1	
81) Pyrene-d10	0.000	212	0d	0.000	ng/u1	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/u1	
Target Compounds						
					Qvalue	
30) Naphthalene	10.610	128	486371	12.096	ng/u1	99
36) 2-Methylnaphthalene	12.228	142	155562	5.317	ng/u1	98
37) 1-Methylnaphthalene	12.445	142	116797	4.080	ng/u1	98
43) 1,1'-Biphenyl	13.245	154	60673	1.649	ng/u1	98
52) Acenaphthene	14.475	153	69132	2.284	ng/u1	98
56) Dibenzofuran	14.810	168	316852	7.312	ng/u1	99
61) Fluorene	15.463	166	430371	12.125	ng/u1	99
72) Phenanthrene	17.216	178	3796738	80.484	ng/u1	99
74) Anthracene	17.304	178	108519	2.269	ng/u1	95
80) Fluoranthene	19.192	202	3206450	59.792	ng/u1	98
82) Pyrene	19.545	202	1210330	22.236	ng/u1	96
85) Benzo(a)anthracene	21.257	228	664464	12.268	ng/u1	99
87) Chrysene	21.310	228	848653	17.141	ng/u1	99
90) Benzo(b)fluoranthene	22.910	252	507973	8.176	ng/u1#	87
91) Benzo(k)fluoranthene	22.957	252	153596m	2.548	ng/u1	

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

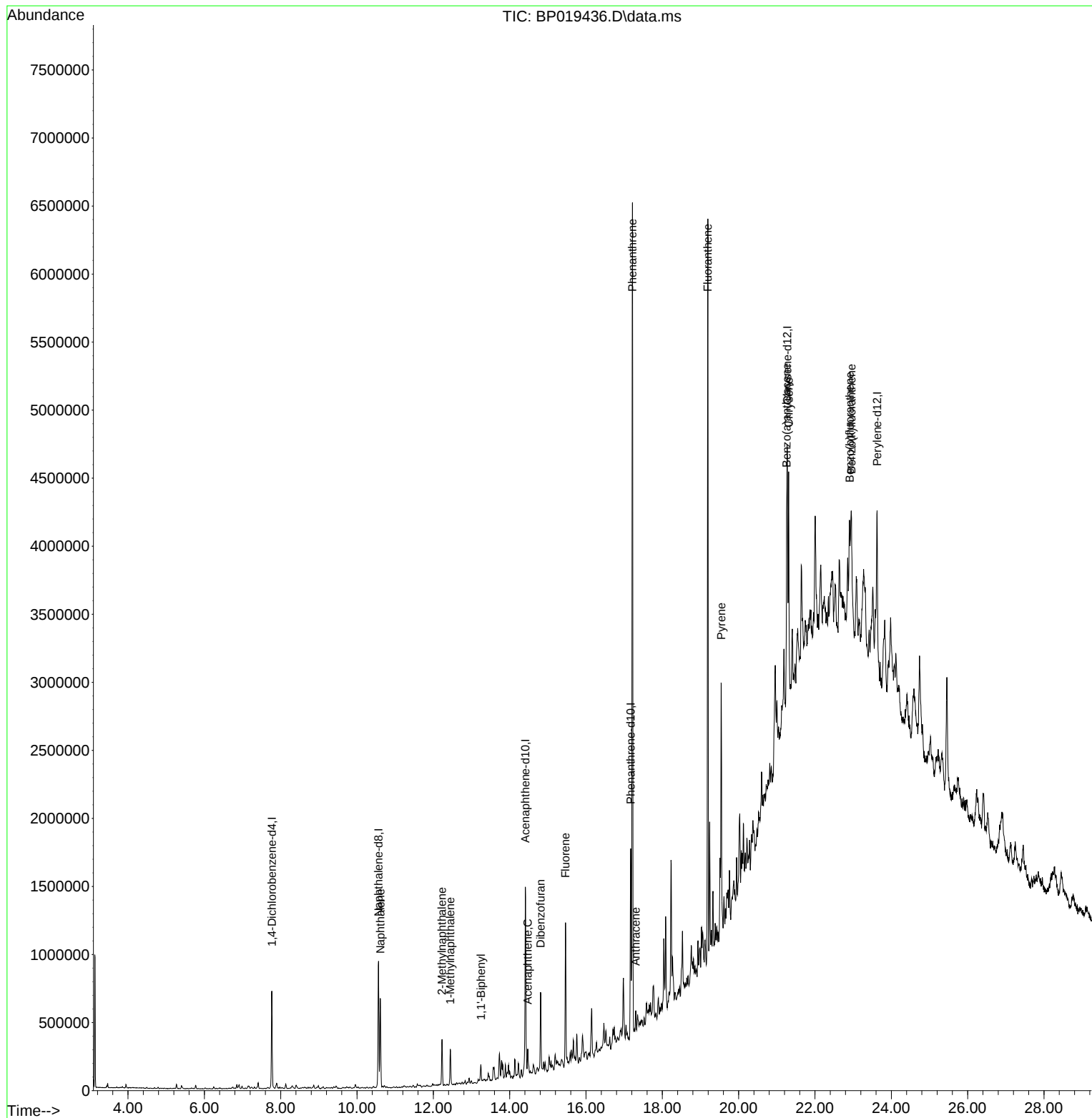
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019436.D
Acq On : 24 Jan 2024 00:39
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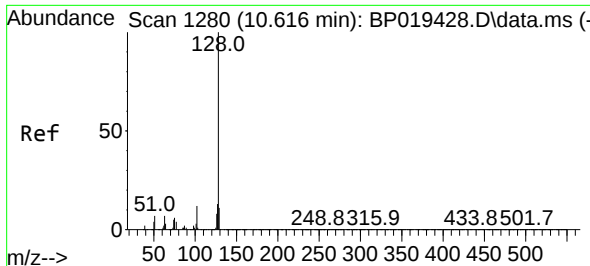
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 11:49:04 2024
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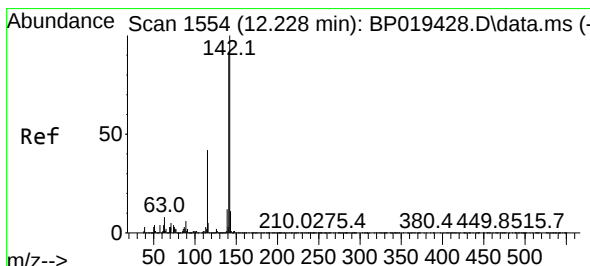
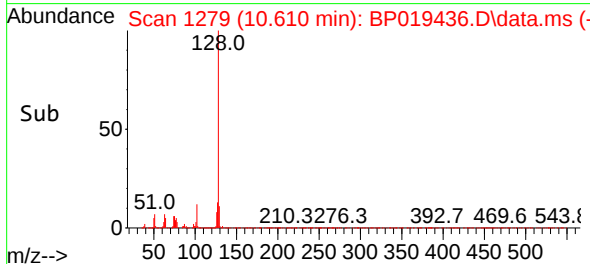
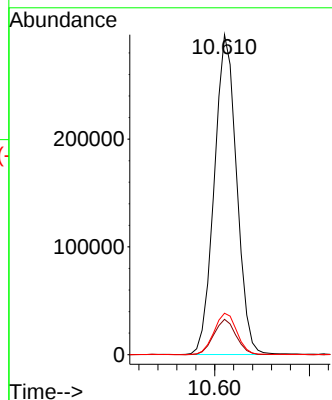
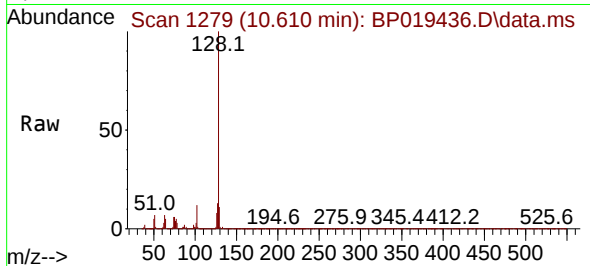
#30
Naphthalene
Concen: 12.096 ng/ul
RT: 10.610 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP019436.D
Acq: 24 Jan 2024 00:39

Instrument :
BNA_P
ClientSampleId :
C0AK5

Tgt Ion:128 Resp: 48637
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.0 10.6 15.8

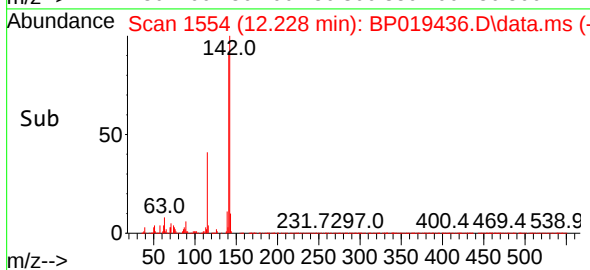
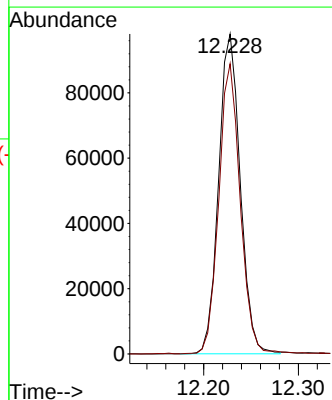
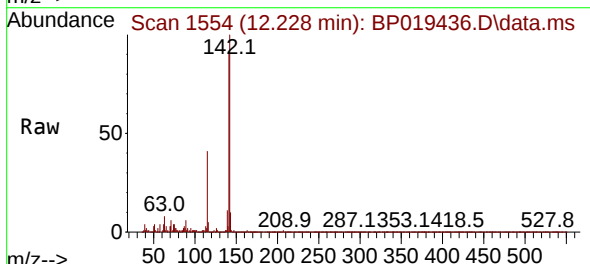
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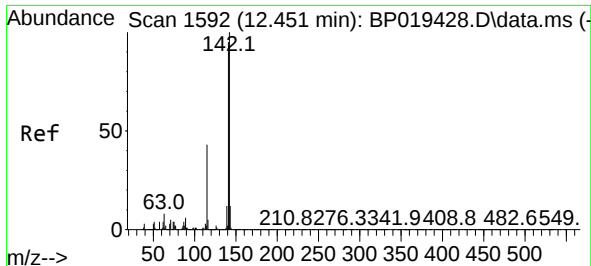
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#36
2-Methylnaphthalene
Concen: 5.317 ng/ul
RT: 12.228 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BP019436.D
Acq: 24 Jan 2024 00:39

Tgt Ion:142 Resp: 155562
Ion Ratio Lower Upper
142 100
141 90.7 71.1 106.7





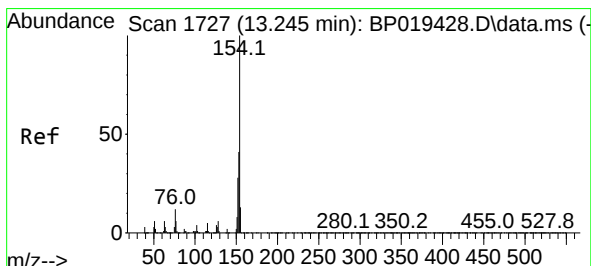
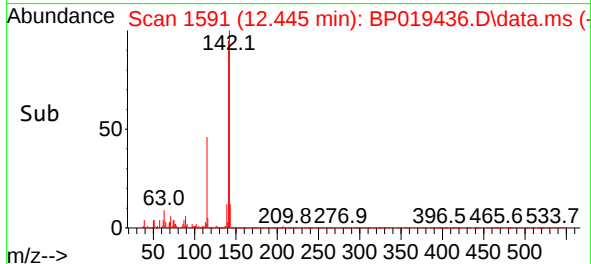
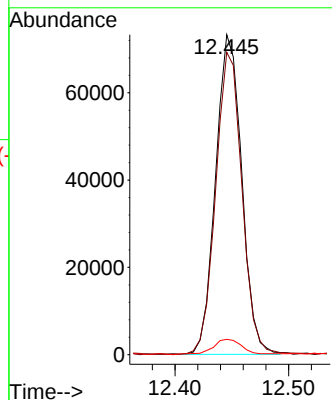
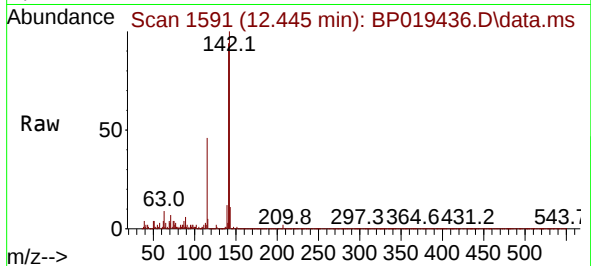
#37
1-Methylnaphthalene
Concen: 4.080 ng/ul
RT: 12.445 min Scan# 11679
Delta R.T. -0.006 min
Lab File: BP019436.D
Acq: 24 Jan 2024 00:39

Instrument :
BNA_P
ClientSampleId :
C0AK5

Tgt Ion:142 Resp: 11679
Ion Ratio Lower Upper
142 100
141 94.5 74.4 111.6
116 4.8 3.9 5.9

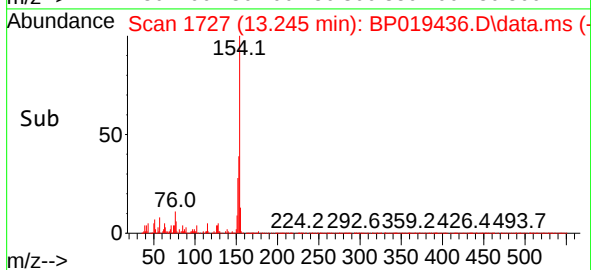
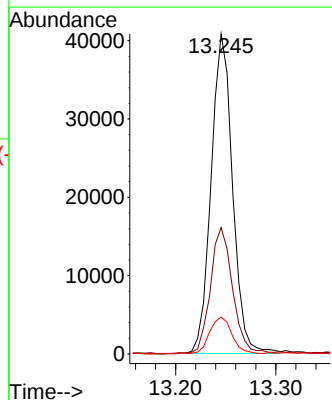
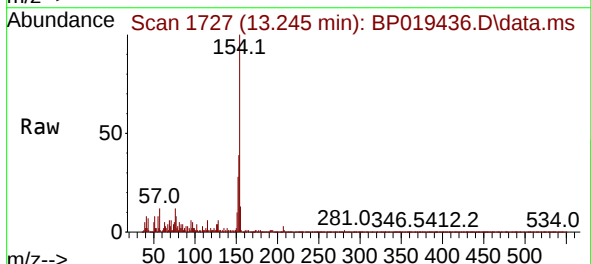
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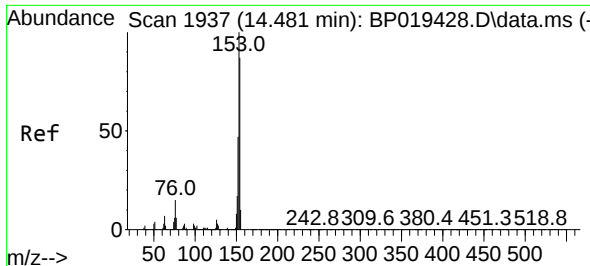
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#43
1,1'-Biphenyl
Concen: 1.649 ng/ul
RT: 13.245 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BP019436.D
Acq: 24 Jan 2024 00:39

Tgt Ion:154 Resp: 60673
Ion Ratio Lower Upper
154 100
153 39.5 32.6 48.8
76 11.5 9.3 13.9





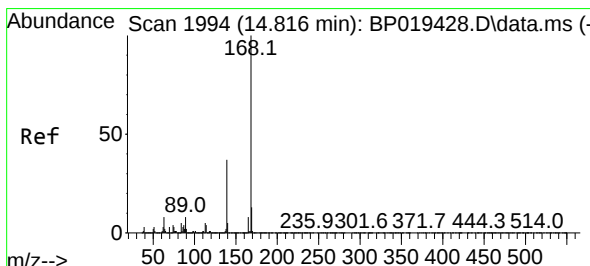
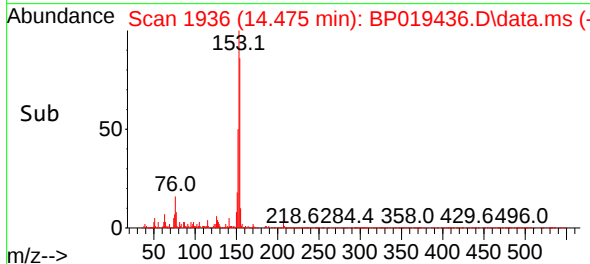
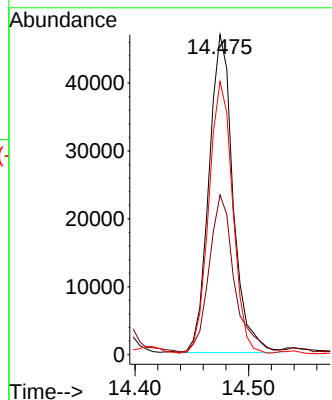
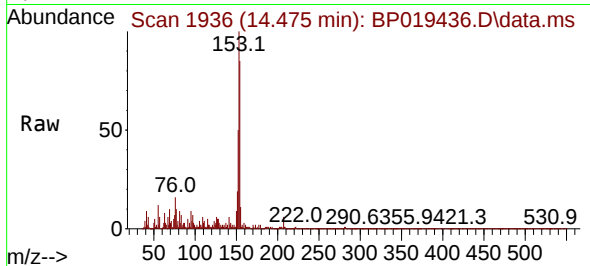
#52
Acenaphthene
Concen: 2.284 ng/ul
RT: 14.475 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BP019436.D
Acq: 24 Jan 2024 00:39

Instrument :
BNA_P
ClientSampleId :
C0AK5

Tgt Ion:153 Resp: 6913
Ion Ratio Lower Upper
153 100
152 49.9 38.2 57.2
154 85.3 68.9 103.3

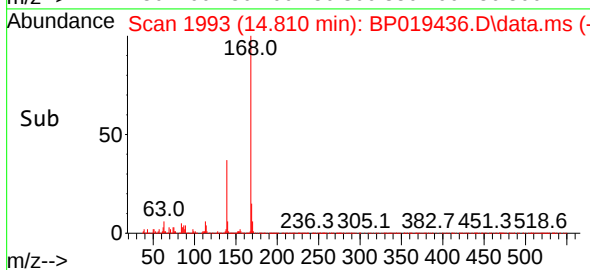
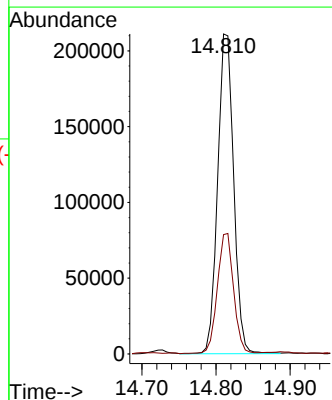
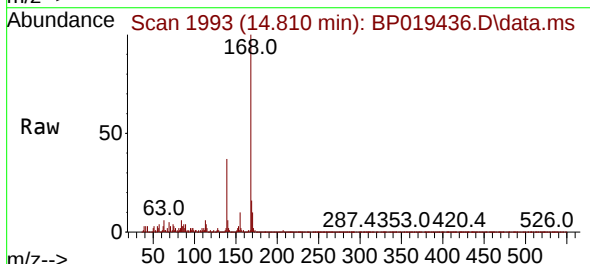
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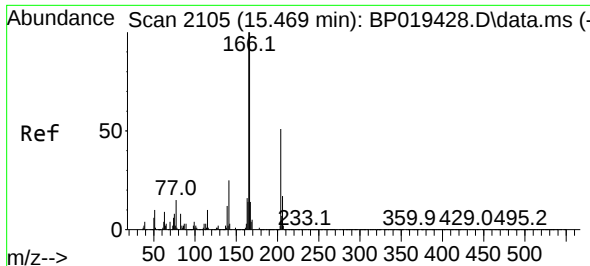
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#56
Dibenzofuran
Concen: 7.312 ng/ul
RT: 14.810 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BP019436.D
Acq: 24 Jan 2024 00:39

Tgt Ion:168 Resp: 316852
Ion Ratio Lower Upper
168 100
139 37.3 30.3 45.5





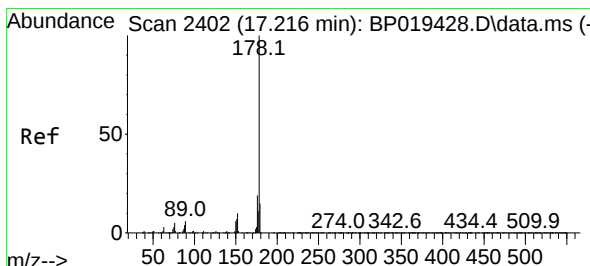
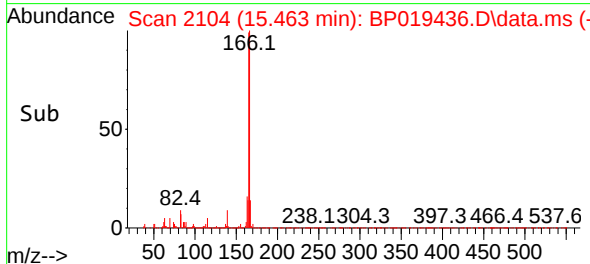
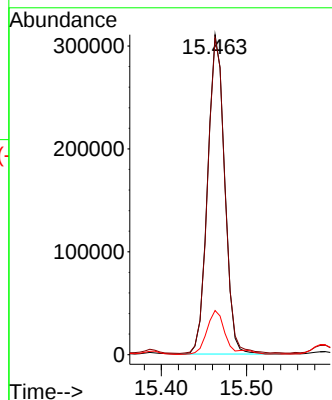
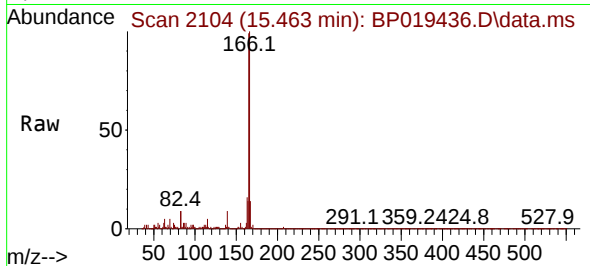
#61
Fluorene
Concen: 12.125 ng/ul
RT: 15.463 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP019436.D
Acq: 24 Jan 2024 00:39

Instrument :
BNA_P
ClientSampleId :
C0AK5

Tgt Ion:166 Resp: 43037
Ion Ratio Lower Upper
166 100
165 99.0 78.6 118.0
167 13.8 10.6 15.8

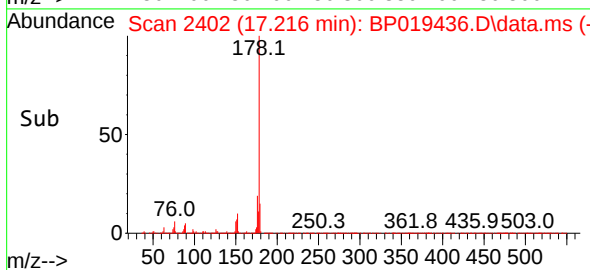
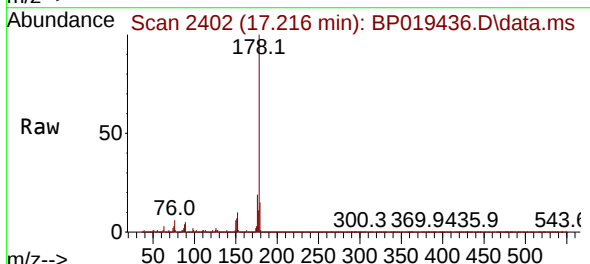
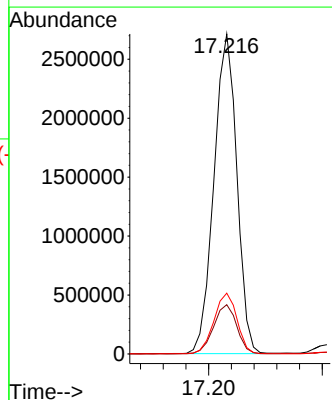
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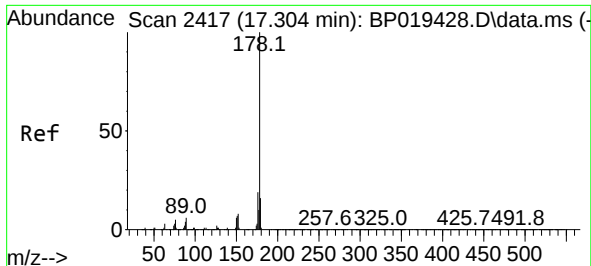
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#72
Phenanthrene
Concen: 80.484 ng/ul
RT: 17.216 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BP019436.D
Acq: 24 Jan 2024 00:39

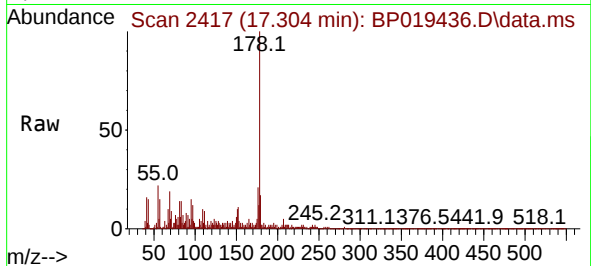
Tgt Ion:178 Resp: 3796738
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 19.0 15.4 23.2





#74
 Anthracene
 Concen: 2.269 ng/ul
 RT: 17.304 min Scan# 2417
 Delta R.T. -0.000 min
 Lab File: BP019436.D
 Acq: 24 Jan 2024 00:39

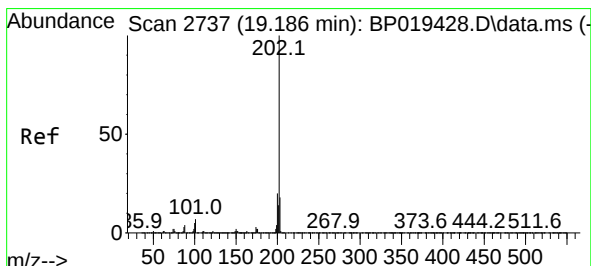
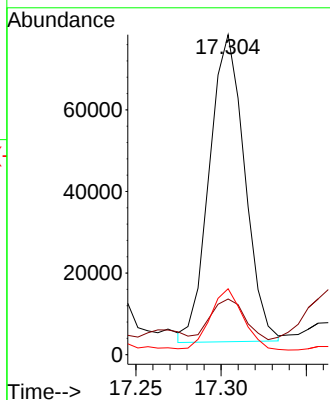
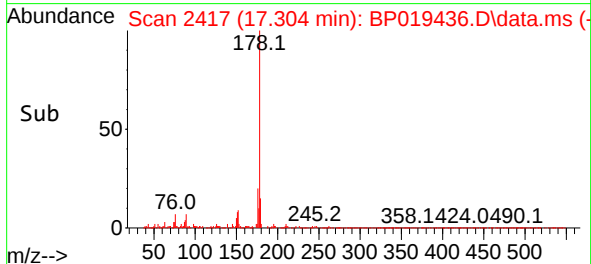
Instrument :
 BNA_P
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 C0AK5



Tgt Ion:178 Resp: 108519
 Ion Ratio Lower Upper
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 179 17.4 12.3 18.5
 176 20.6 14.6 22.0

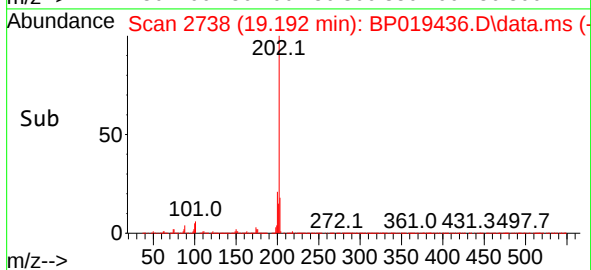
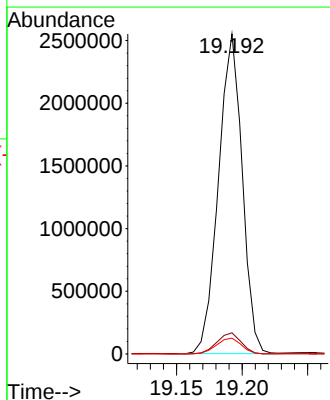
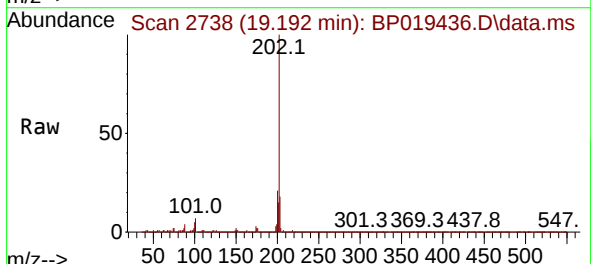
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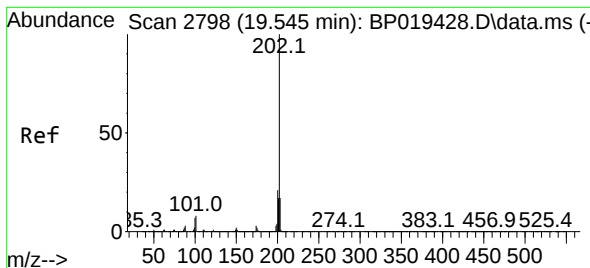
Reviewed By :Jagrut Upadhyay 01/24/2024
 Supervised By :mohammad ahmed 01/25/2024



#80
 Fluoranthene
 Concen: 59.792 ng/ul
 RT: 19.192 min Scan# 2738
 Delta R.T. -0.000 min
 Lab File: BP019436.D
 Acq: 24 Jan 2024 00:39

Tgt Ion:202 Resp: 3206450
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.9 8.9
 100 5.0 4.6 7.0





#82

Pyrene

Concen: 22.236 ng/ul

RT: 19.545 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019436.D

Acq: 24 Jan 2024 00:39

Instrument :

BNA_P

ClientSampleId :

C0AK5

Tgt Ion:202 Resp: 1210330

Ion Ratio Lower Upper

202 100

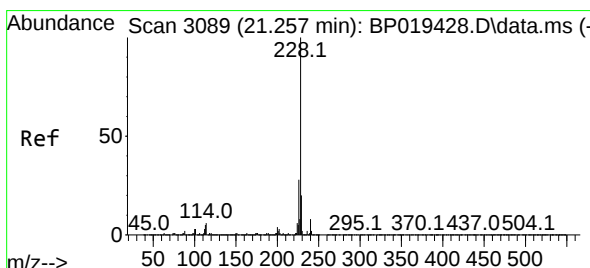
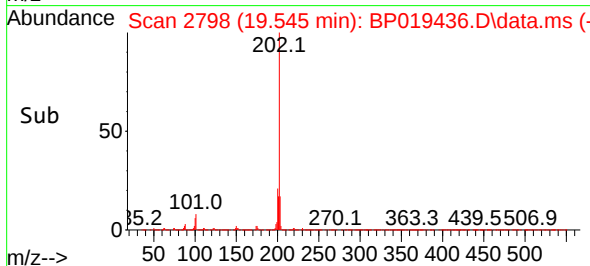
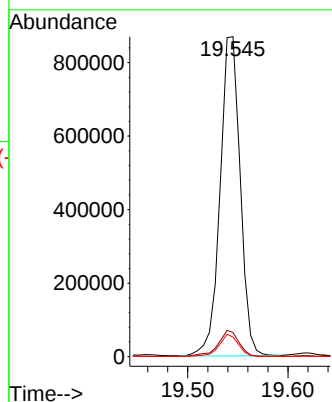
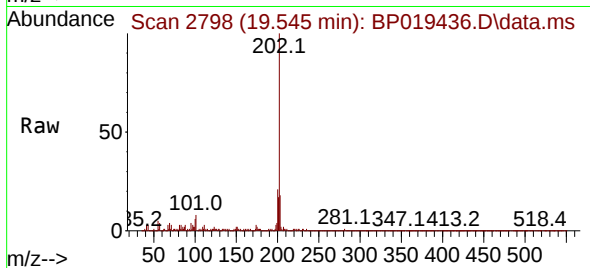
101 7.6 7.2 10.8

100 6.1 5.8 8.6

Manual Integrations

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Supervised By :mohammad ahmed 01/25/2024



#85

Benzo(a)anthracene

Concen: 12.268 ng/ul

RT: 21.257 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BP019436.D

Acq: 24 Jan 2024 00:39

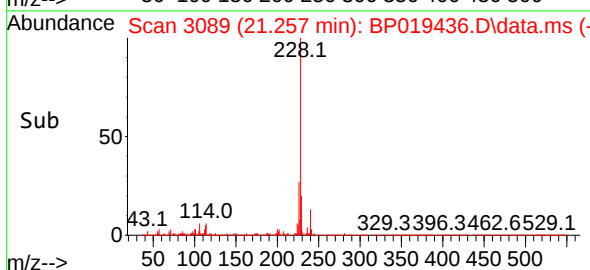
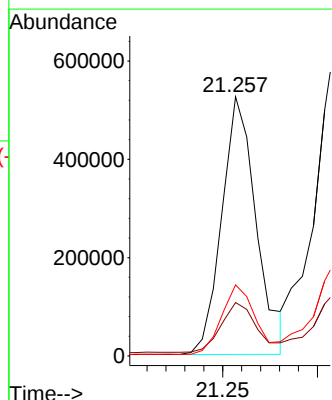
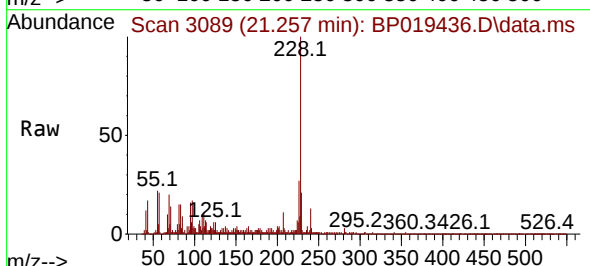
Tgt Ion:228 Resp: 664464

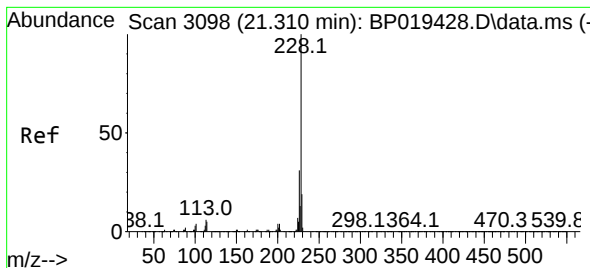
Ion Ratio Lower Upper

228 100

229 20.6 15.8 23.6

226 27.4 21.6 32.4





#87

Chrysene

Concen: 17.141 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019436.D

Acq: 24 Jan 2024 00:39

Instrument :

BNA_P

ClientSampleId :

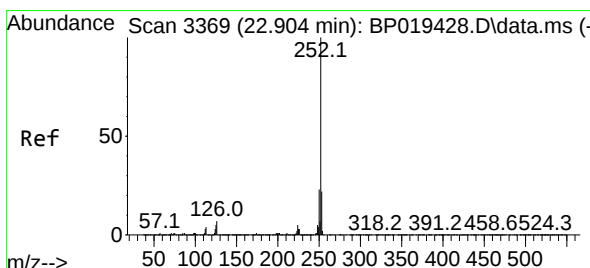
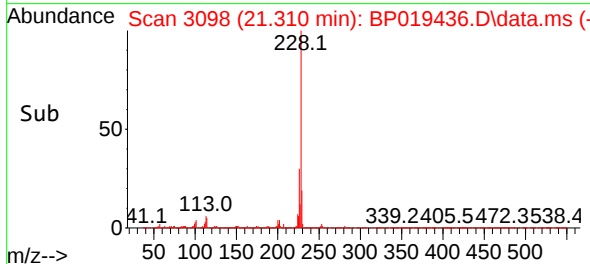
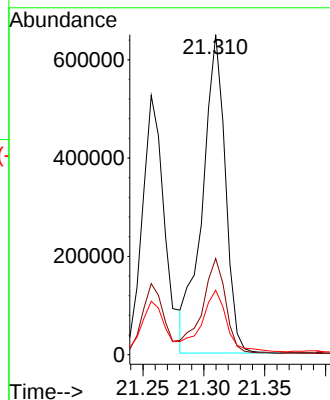
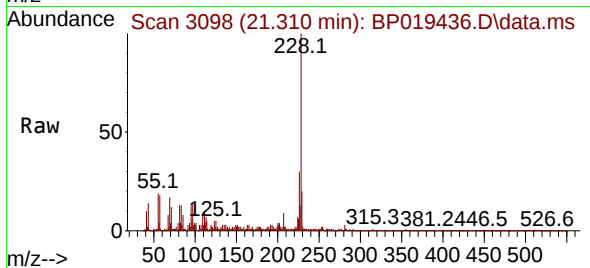
C0AK5

Tgt Ion:228	Resp: 84865
Ion Ratio	Lower Upper
228 100	
226 30.0	23.9 35.9
229 20.1	15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#90

Benzo(b)fluoranthene

Concen: 8.176 ng/ul

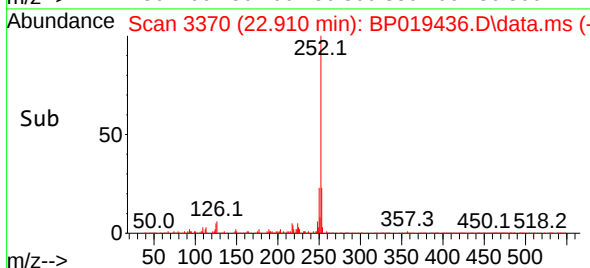
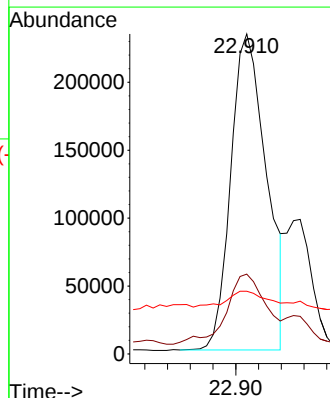
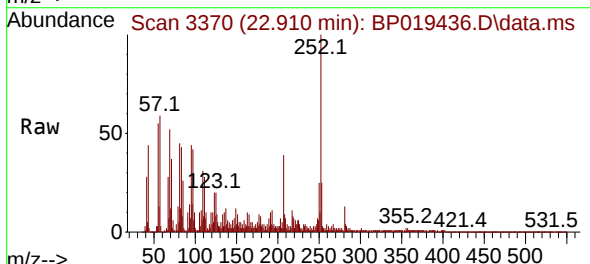
RT: 22.910 min Scan# 3370

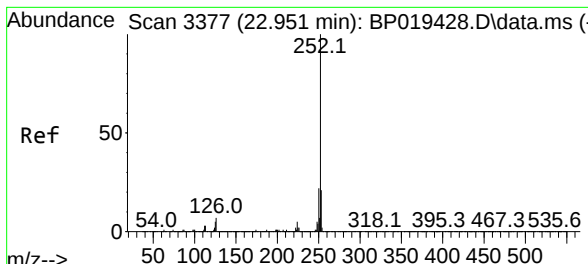
Delta R.T. -0.000 min

Lab File: BP019436.D

Acq: 24 Jan 2024 00:39

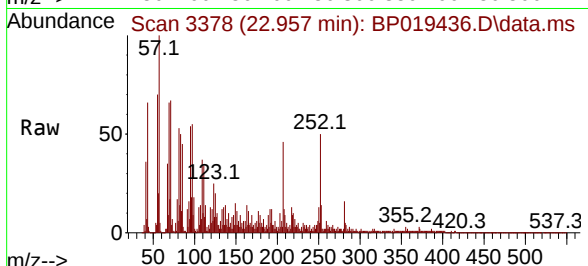
Tgt Ion:252	Resp: 507973
Ion Ratio	Lower Upper
252 100	
253 25.0	17.8 26.8
125 19.6	4.9 7.3





#91
 Benzo(k)fluoranthene
 Concen: 2.548 ng/ul m
 RT: 22.957 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP019436.D
 Acq: 24 Jan 2024 00:39

Instrument :
 BNA_P
 ClientSampleId :
 C0AK5



Tgt Ion:252 Resp: 153590

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.3	25.9
125	39.2	4.8	7.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
 Supervised By :mohammad ahmed 01/25/2024

