

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022390.D
 Acq On : 15 Oct 2024 15:36
 Operator : RC/JU
 Sample : P4264-02DL2 30X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN6DL2

Quant Time: Oct 16 02:08:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	73410	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	282381	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	231636	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	604792m	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	744596	20.000	ng/u1	0.00
88) Perylene-d12	24.839	264	870314	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	6.899	99	2812m	0.455	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.040	67	1785	0.491	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	1915	0.437	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	2039m	0.413	ng/u1	0.01
21) Nitrobenzene-d5	8.846	128	1193	0.549	ng/u1	0.01
24) 2-Nitrophenol-d4	9.557	143	1251	0.498	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	2565m	0.480	ng/u1	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.716	166	10834	0.589	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	10588	0.542	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.322	176	10587	0.663	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	693m	0.174	ng/u1	0.00
73) Anthracene-d10	17.210	188	17579	0.618	ng/u1	0.00
81) Pyrene-d10	19.598	212	21976	0.558	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	19902	0.428	ng/u1	-0.02
Target Compounds					Qvalue	
30) Naphthalene	10.510	128	2137735	142.133	ng/u1	98
36) 2-Methylnaphthalene	12.116	142	485482	43.973	ng/u1	97
37) 1-Methylnaphthalene	12.334	142	230795	20.481	ng/u1	98
52) Acenaphthene	14.381	153	417086	29.074	ng/u1	98
61) Fluorene	15.381	166	497989	28.363	ng/u1	97
71) Pentachlorophenol	16.769	266	12998	2.252	ng/u1	90
72) Phenanthrene	17.157	178	3711654m	114.710	ng/u1	
74) Anthracene	17.245	178	313888	9.721	ng/u1	99
80) Fluoranthene	19.257	202	2383215	52.648	ng/u1	97
82) Pyrene	19.627	202	1288831	26.564	ng/u1	98
85) Benzo(a)anthracene	21.527	228	451897	8.657	ng/u1	98
87) Chrysene	21.586	228	366482	7.572	ng/u1	98
90) Benzo(b)fluoranthene	23.792	252	253318m	4.624	ng/u1	
91) Benzo(k)fluoranthene	23.857	252	76959	1.435	ng/u1	98
93) Benzo(a)pyrene	24.686	252	69783	1.384	ng/u1	97

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

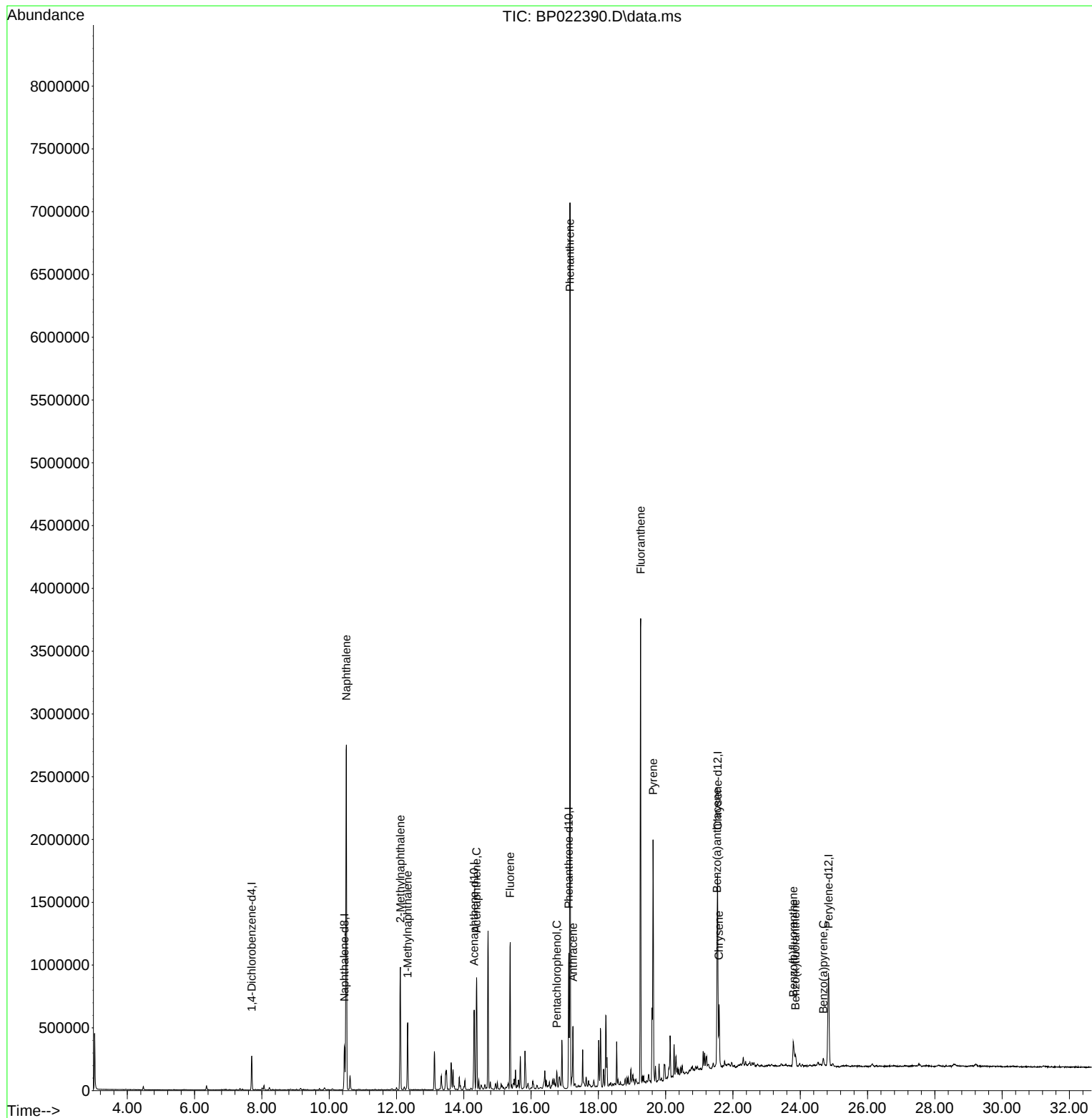
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022390.D
Acq On : 15 Oct 2024 15:36
Operator : RC/JU
Sample : P4264-02DL2 30X
Misc :
ALS Vial : 43 Sample Multiplier: 1

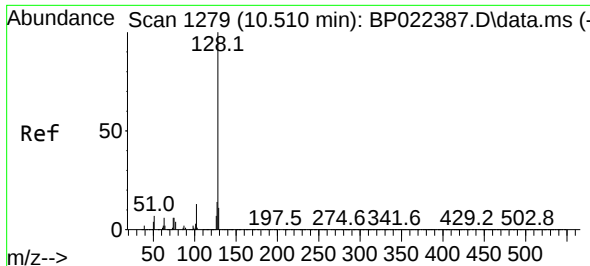
Instrument :
BNA_P
ClientSampleId :
DCYN6DL2

Quant Time: Oct 16 02:08:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

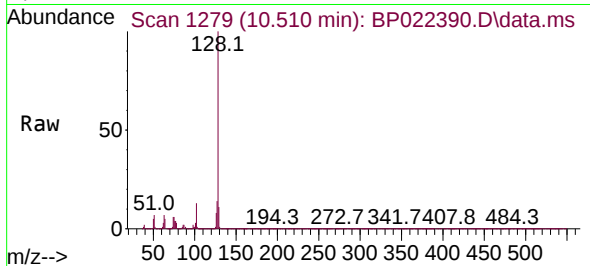
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024





#30
Naphthalene
Concen: 142.133 ng/ul
RT: 10.510 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BP022390.D
Acq: 15 Oct 2024 15:36

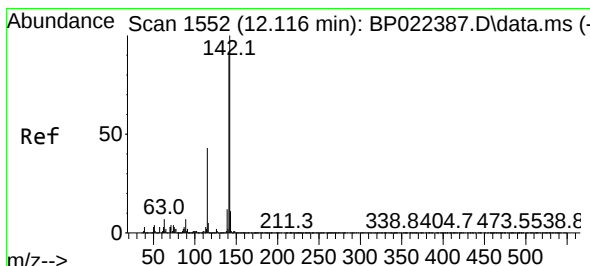
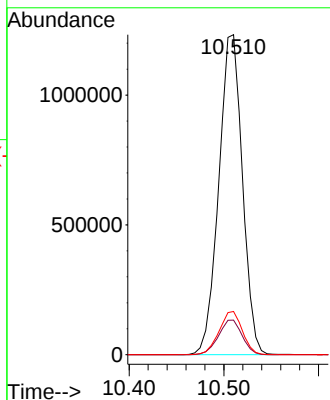
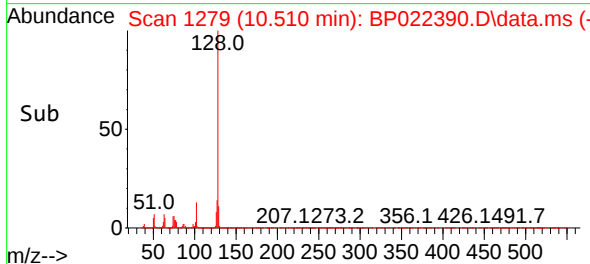
Instrument :
BNA_P
ClientSampleId :
DCYN6DL2



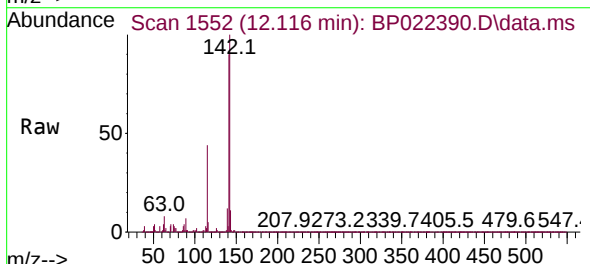
Tgt Ion:128 Resp: 213773
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.5 9.9 14.9

Manual Integrations
APPROVED

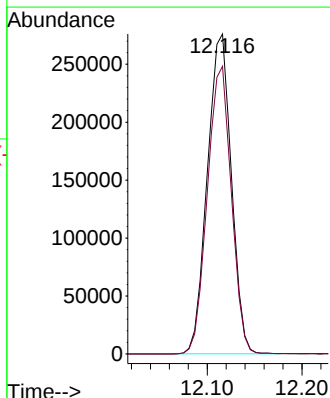
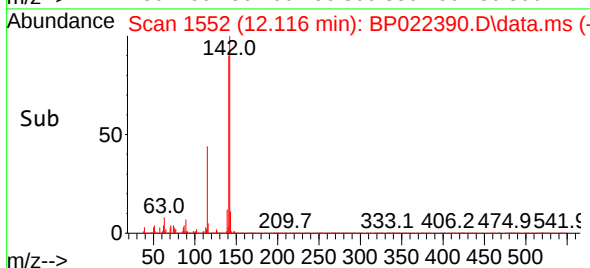
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024

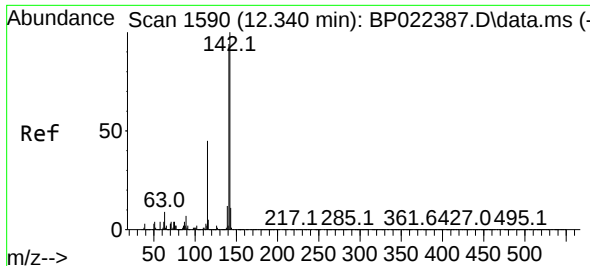


#36
2-Methylnaphthalene
Concen: 43.973 ng/ul
RT: 12.116 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BP022390.D
Acq: 15 Oct 2024 15:36



Tgt Ion:142 Resp: 485482
Ion Ratio Lower Upper
142 100
141 89.9 69.8 104.6





#37
1-Methylnaphthalene
Concen: 20.481 ng/ul
RT: 12.334 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP022390.D
Acq: 15 Oct 2024 15:36

Instrument :

BNA_P

ClientSampleId :

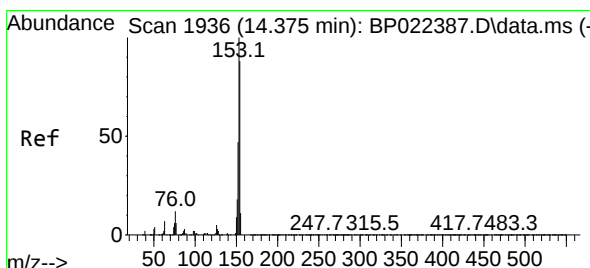
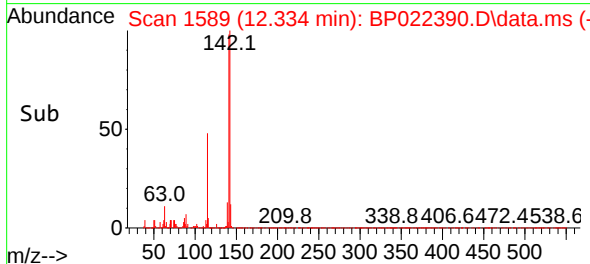
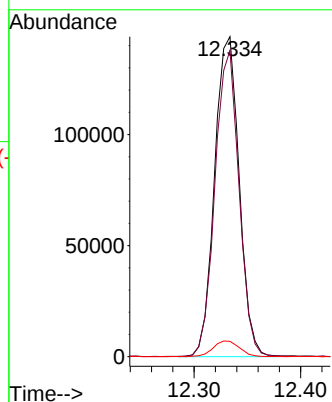
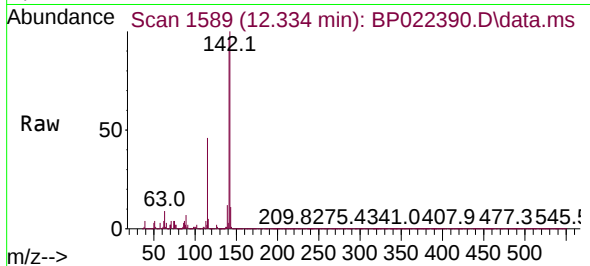
DCYN6DL2

Tgt Ion:142 Resp: 23079
Ion Ratio Lower Upper
142 100
141 95.7 74.8 112.2
116 4.8 4.1 6.1

Manual Integrations

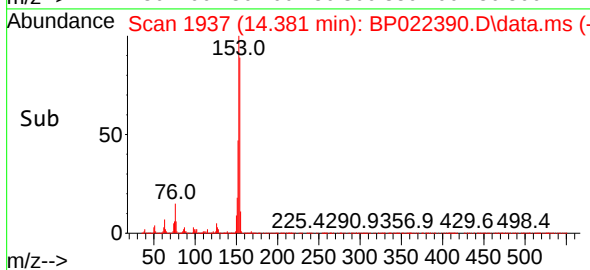
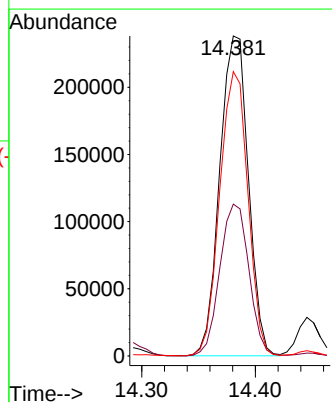
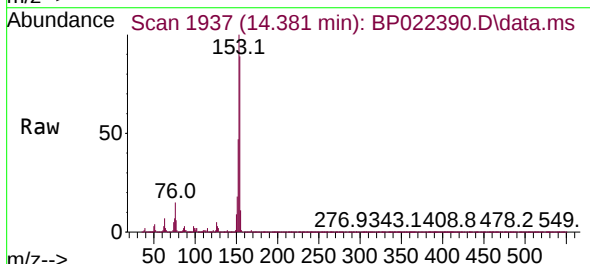
APPROVED

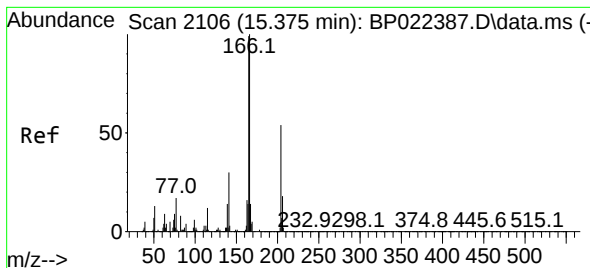
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#52
Acenaphthene
Concen: 29.074 ng/ul
RT: 14.381 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BP022390.D
Acq: 15 Oct 2024 15:36

Tgt Ion:153 Resp: 417086
Ion Ratio Lower Upper
153 100
152 47.5 37.8 56.6
154 88.9 69.5 104.3





#61

Fluorene

Concen: 28.363 ng/ul

RT: 15.381 min Scan# 2106

Delta R.T. 0.006 min

Lab File: BP022390.D

Acq: 15 Oct 2024 15:36

Instrument :

BNA_P

ClientSampleId :

DCYN6DL2

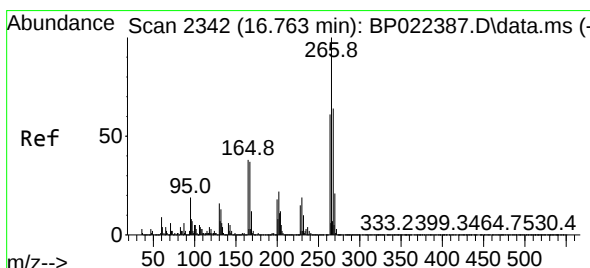
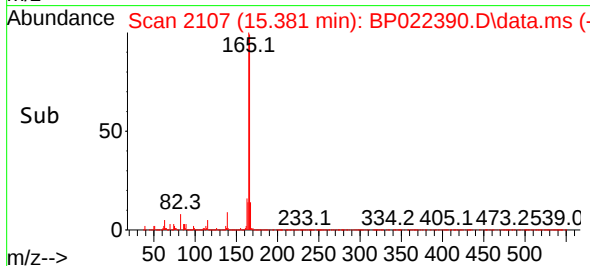
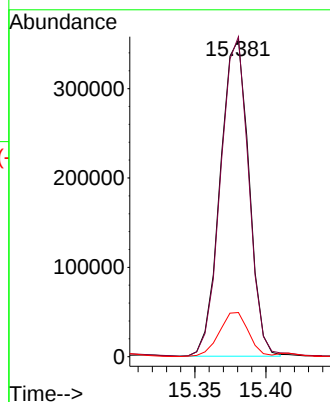
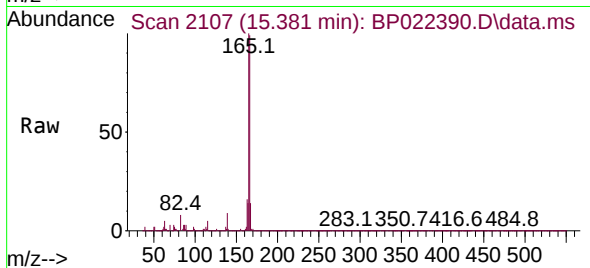
Tgt Ion:166 Resp: 497989
 Ion Ratio Lower Upper
 166 100
 165 101.0 77.8 116.6
 167 14.0 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/22/2024



#71

Pentachlorophenol

Concen: 2.252 ng/ul

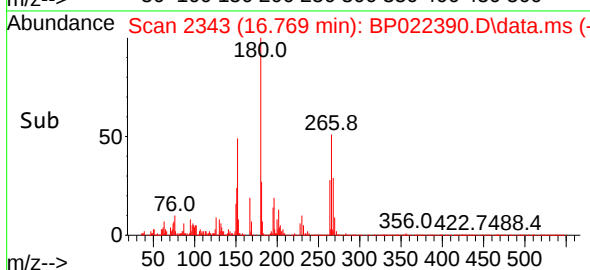
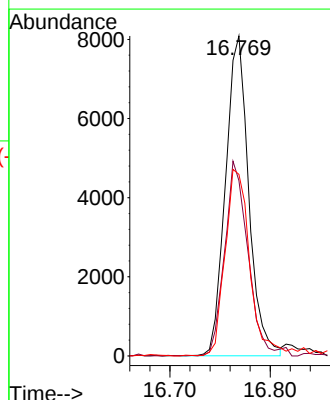
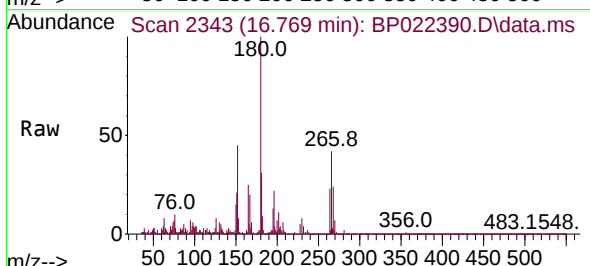
RT: 16.769 min Scan# 2343

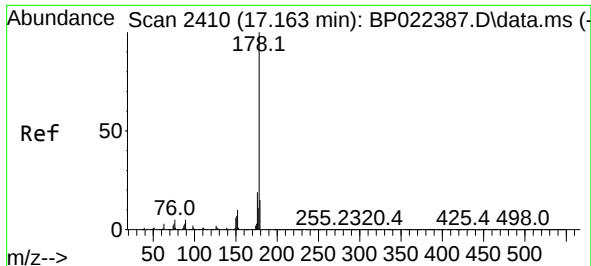
Delta R.T. 0.012 min

Lab File: BP022390.D

Acq: 15 Oct 2024 15:36

Tgt Ion:266 Resp: 12998
 Ion Ratio Lower Upper
 266 100
 264 54.8 52.4 78.6
 268 61.2 53.0 79.4





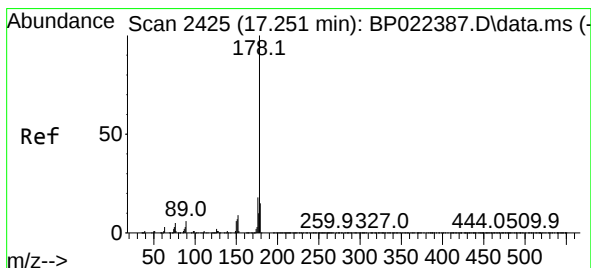
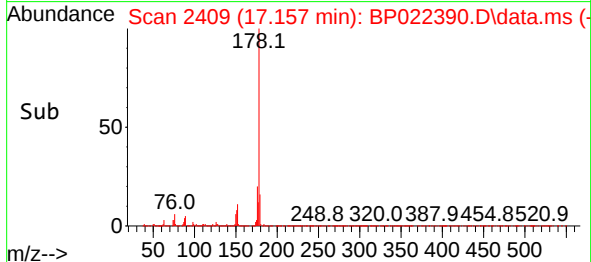
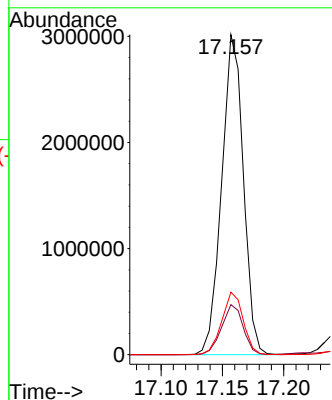
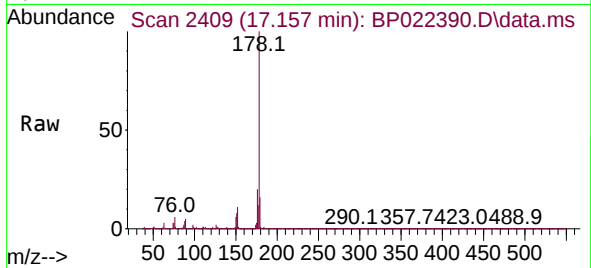
#72
Phenanthrene
Concen: 114.710 ng/ul m
RT: 17.157 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BP022390.D
Acq: 15 Oct 2024 15:36

Instrument :
BNA_P
ClientSampleId :
DCYN6DL2

Tgt Ion:178 Resp: 3711654
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 19.5 15.7 23.5

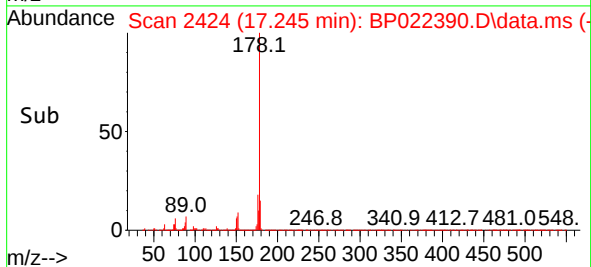
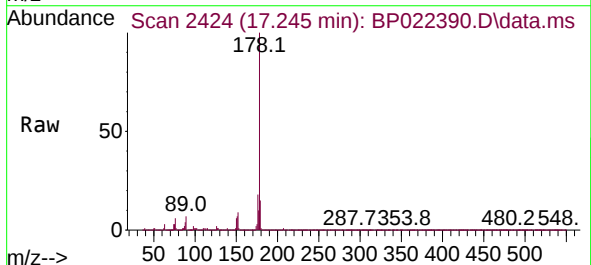
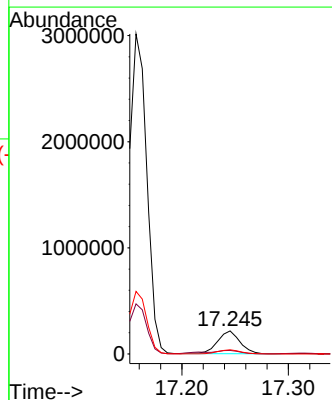
Manual Integrations
APPROVED

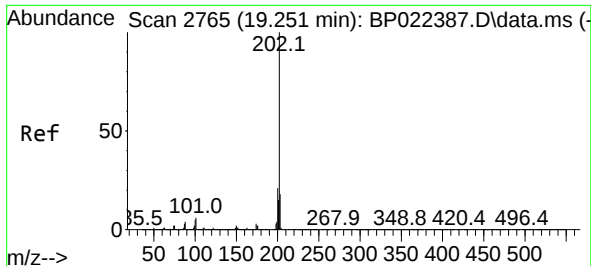
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#74
Anthracene
Concen: 9.721 ng/ul
RT: 17.245 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP022390.D
Acq: 15 Oct 2024 15:36

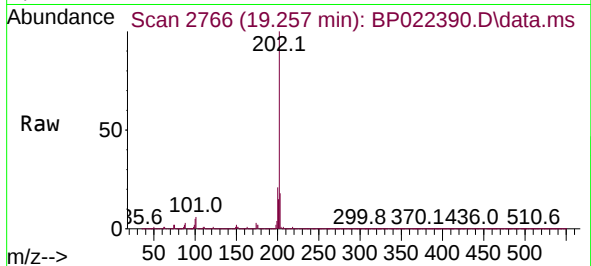
Tgt Ion:178 Resp: 313888
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 18.4 15.0 22.4





#80
Fluoranthene
Concen: 52.648 ng/u1
RT: 19.257 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP022390.D
Acq: 15 Oct 2024 15:36

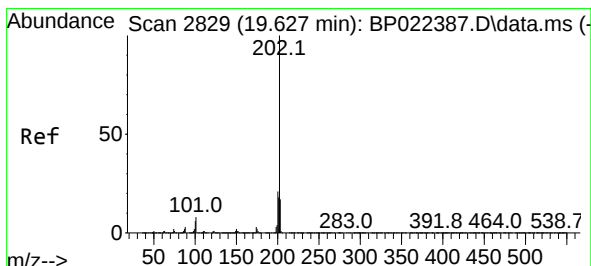
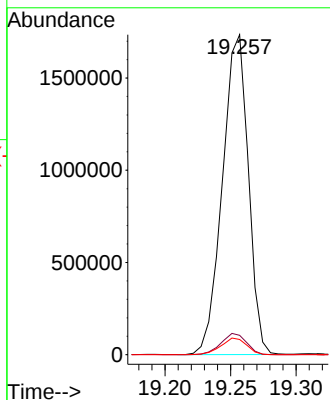
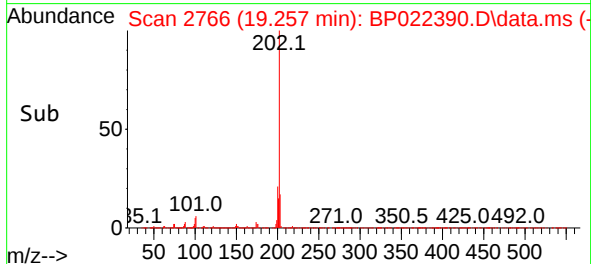
Instrument :
BNA_P
ClientSampleId :
DCYN6DL2



Tgt Ion:202 Resp: 2383215
Ion Ratio Lower Upper
202 100
101 6.1 5.8 8.8
100 4.7 4.5 6.7

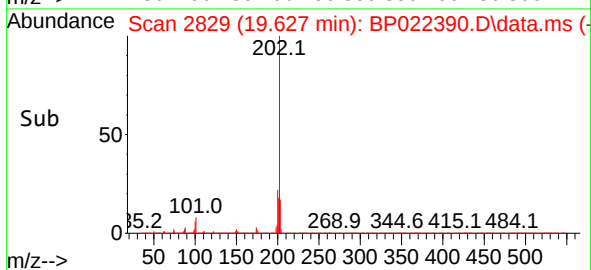
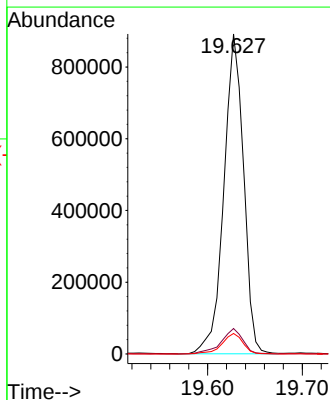
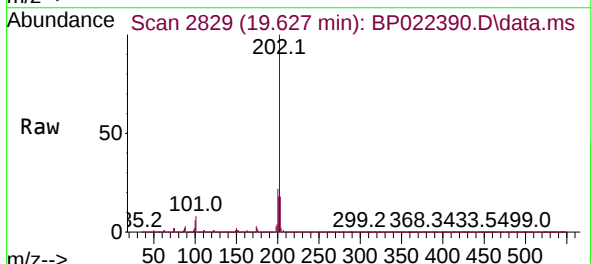
Manual Integrations
APPROVED

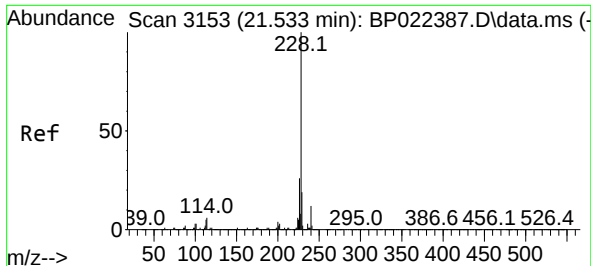
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#82
Pyrene
Concen: 26.564 ng/u1
RT: 19.627 min Scan# 2829
Delta R.T. 0.000 min
Lab File: BP022390.D
Acq: 15 Oct 2024 15:36

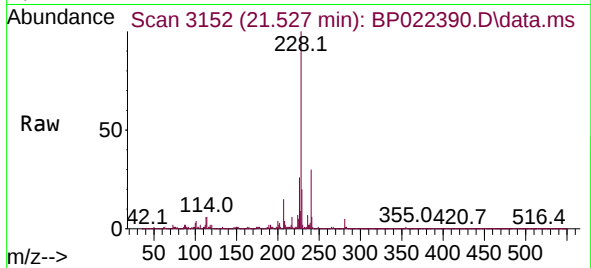
Tgt Ion:202 Resp: 1288831
Ion Ratio Lower Upper
202 100
101 8.0 6.7 10.1
100 6.4 5.8 8.6





#85
Benzo(a)anthracene
Concen: 8.657 ng/u1
RT: 21.527 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP022390.D
Acq: 15 Oct 2024 15:36

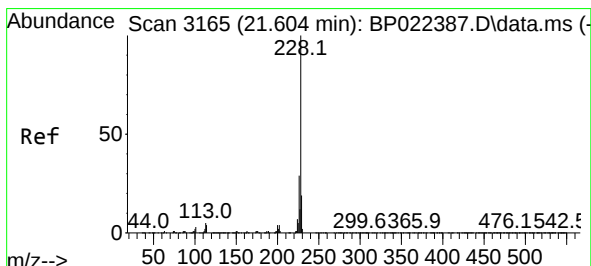
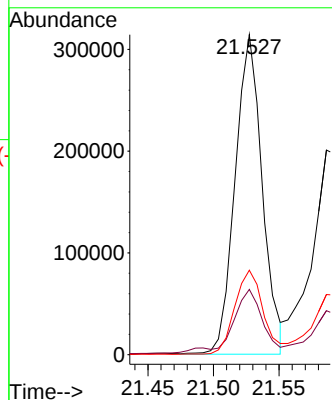
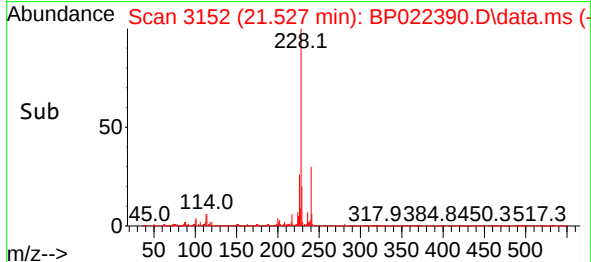
Instrument :
BNA_P
ClientSampleId :
DCYN6DL2



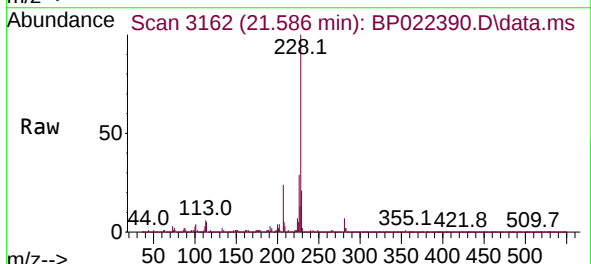
Tgt Ion:228 Resp: 451897
Ion Ratio Lower Upper
228 100
229 20.4 15.4 23.0
226 26.4 21.5 32.3

Manual Integrations
APPROVED

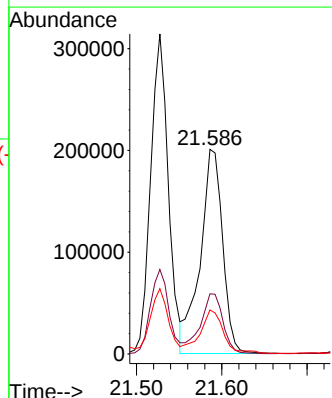
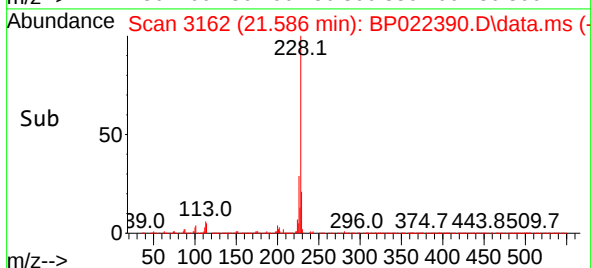
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024

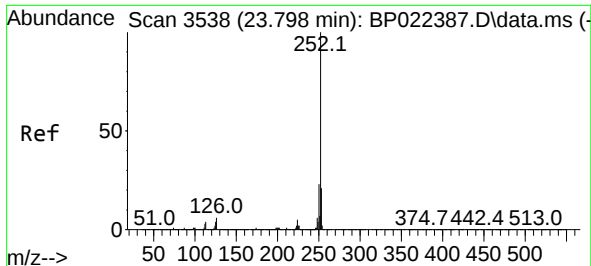


#87
Chrysene
Concen: 7.572 ng/u1
RT: 21.586 min Scan# 3162
Delta R.T. -0.018 min
Lab File: BP022390.D
Acq: 15 Oct 2024 15:36



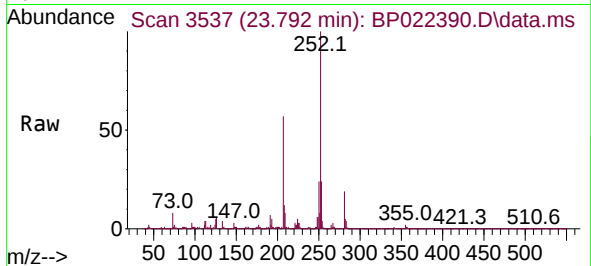
Tgt Ion:228 Resp: 366482
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.8
229 21.5 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 4.624 ng/ul m
RT: 23.792 min Scan# 3538
Delta R.T. -0.024 min
Lab File: BP022390.D
Acq: 15 Oct 2024 15:36

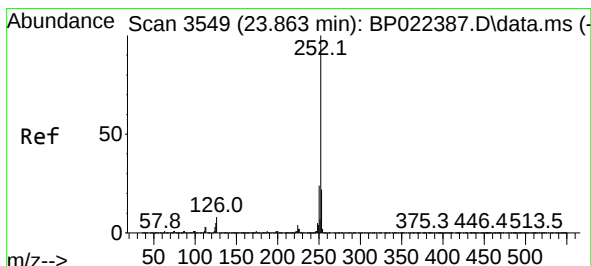
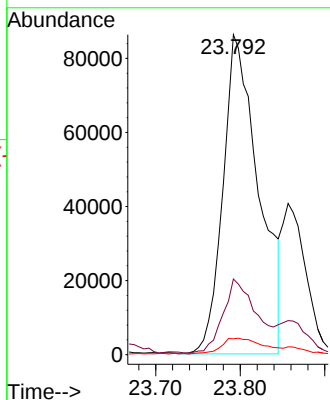
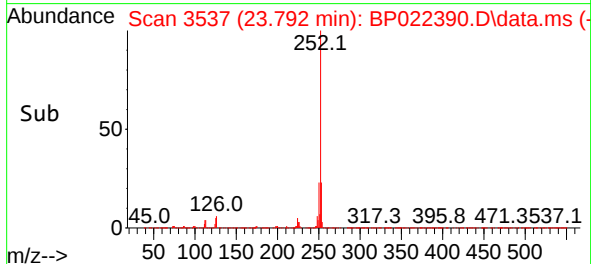
Instrument :
BNA_P
ClientSampleId :
DCYN6DL2



Tgt Ion:252 Resp: 253318
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 4.9 5.0 7.4

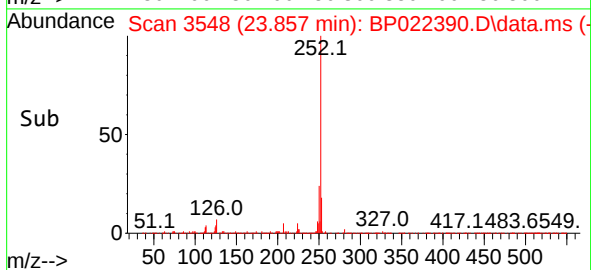
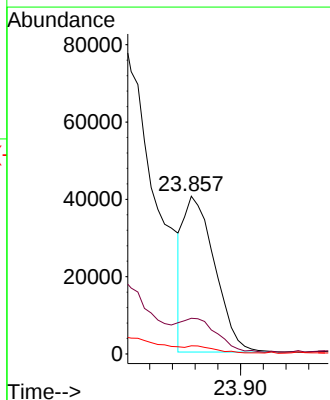
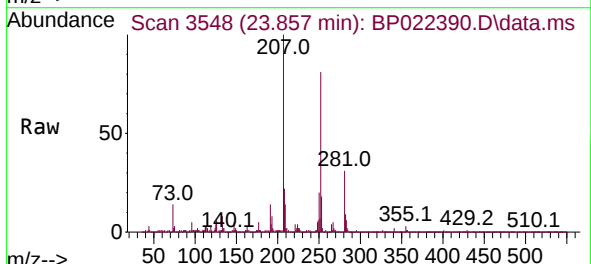
Manual Integrations
APPROVED

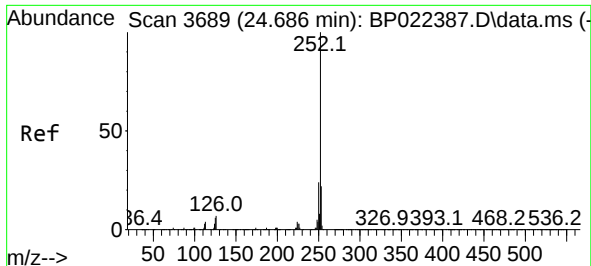
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#91
Benzo(k)fluoranthene
Concen: 1.435 ng/ul
RT: 23.857 min Scan# 3548
Delta R.T. -0.024 min
Lab File: BP022390.D
Acq: 15 Oct 2024 15:36

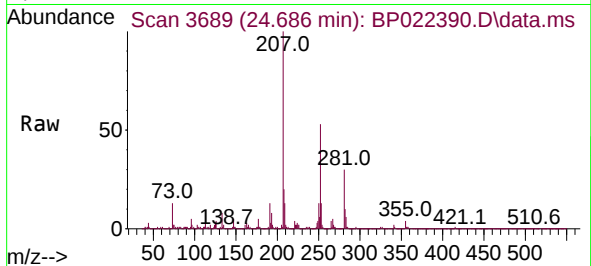
Tgt Ion:252 Resp: 76959
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 5.1 4.6 6.8





#93
Benzo(a)pyrene
Concen: 1.384 ng/ul
RT: 24.686 min Scan# 30
Delta R.T. -0.018 min
Lab File: BP022390.D
Acq: 15 Oct 2024 15:36

Instrument :
BNA_P
ClientSampleId :
DCYN6DL2



Tgt Ion:252 Resp: 6978
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 5.7 4.9 7.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024

