

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012251.D
 Acq On : 21 Oct 2022 18:23
 Operator : CG/JU
 Sample : N5064-13
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COBH6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 21 22:33:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	432824	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	1779620	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	999270	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.234	188	1685962	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1438631	20.000	ng/u1	0.00
88) Perylene-d12	23.733	264	1661582	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	47581	4.449	ng/uL	0.00
4) Pyridine-d5	3.693	84	70112	2.275	ng/u1	0.01
7) Phenol-d5	6.993	99	903994	24.193	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	604320	26.668	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	766652	26.955	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	543264	18.707	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	396920	30.132	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	439560	30.928	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	693165	26.001	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	734080	19.381	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	2002075	28.802	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	2291931	28.886	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.692	143	204008	15.666	ng/u1	0.00
60) Fluorene-d10	15.469	176	1653240	27.646	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	161448	16.833	ng/u1	0.00
73) Anthracene-d10	17.334	188	2090251	28.285	ng/u1	0.00
81) Pyrene-d10	19.569	212	2091732	25.537	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.574	264	2249686	26.999	ng/u1	-0.01
Target Compounds					Qvalue	
8) Phenol	7.022	94	50433	1.290	ng/u1	95
30) Naphthalene	10.675	128	106562	1.120	ng/u1	100
36) 2-Methylnaphthalene	12.293	142	80675	1.246	ng/u1	96
37) 1-Methylnaphthalene	12.510	142	66511	1.029	ng/u1	99
72) Phenanthrene	17.275	178	531428	5.865	ng/u1	100
74) Anthracene	17.369	178	104178	1.162	ng/u1	98
80) Fluoranthene	19.245	202	744922	7.360	ng/u1	97
82) Pyrene	19.598	202	734813	7.096	ng/u1	97
85) Benzo(a)anthracene	21.310	228	340263	3.629	ng/u1	98
87) Chrysene	21.363	228	457869	5.233	ng/u1	96
90) Benzo(b)fluoranthene	22.998	252	592900	5.354	ng/u1	98
91) Benzo(k)fluoranthene	23.039	252	198445m	1.818	ng/u1	
93) Benzo(a)pyrene	23.621	252	369578	3.903	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.221	276	302736	2.762	ng/u1	97
96) Benzo(g,h,i)perylene	26.992	276	246688	2.397	ng/u1	100

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

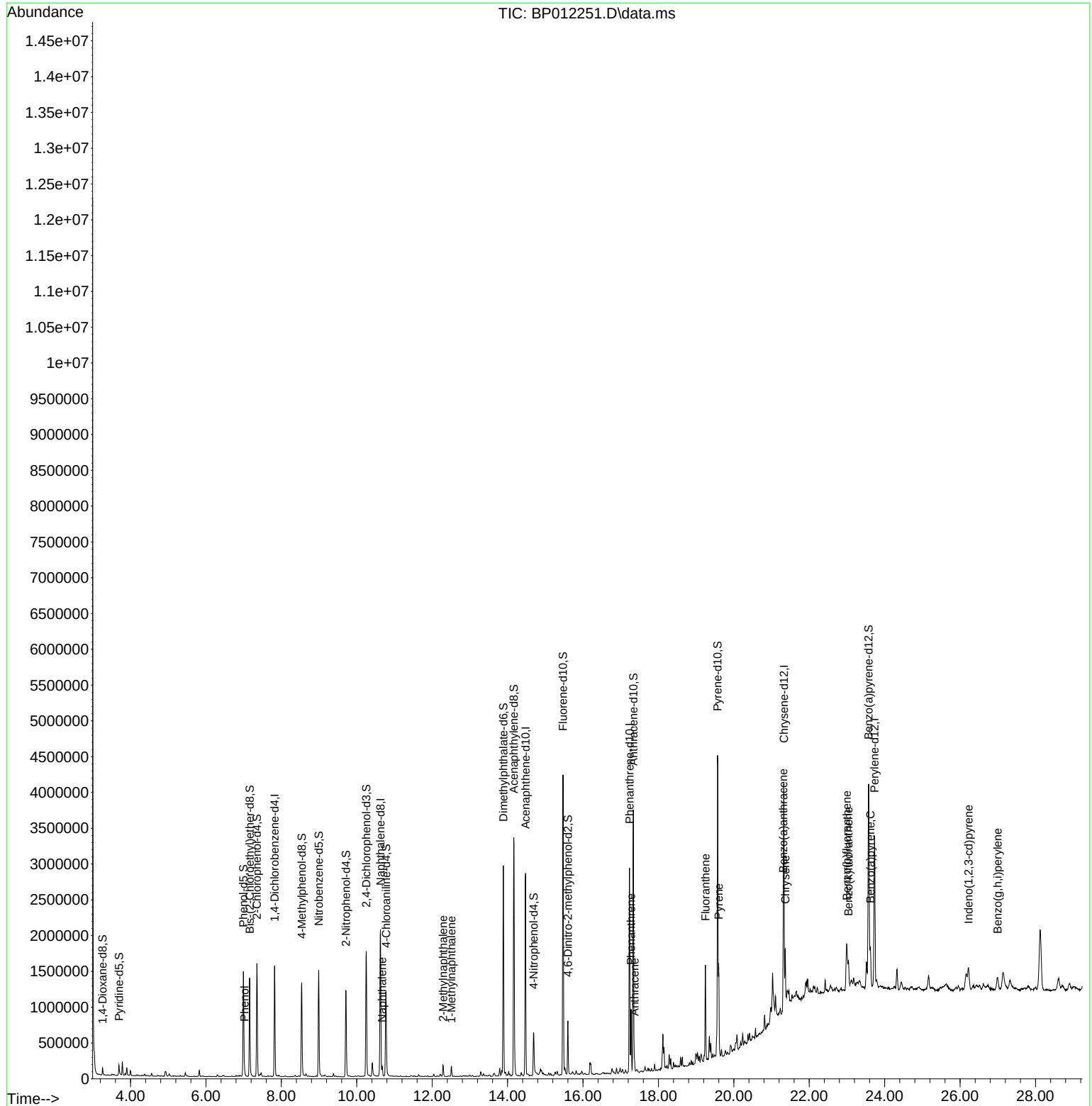
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012251.D
 Acq On : 21 Oct 2022 18:23
 Operator : CG/JU
 Sample : N5064-13
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

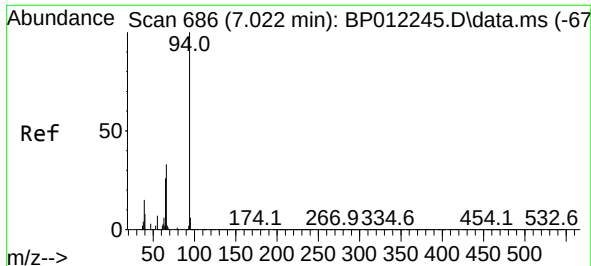
Instrument :
 BNA_P
 ClientSampleId :
 C0BH6

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 21 22:33:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration





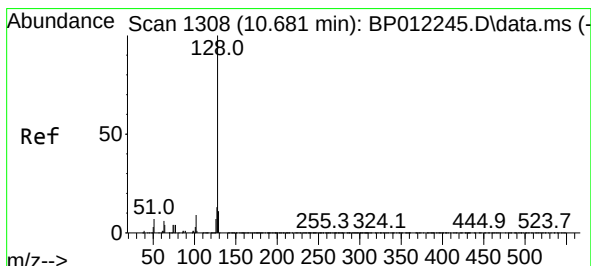
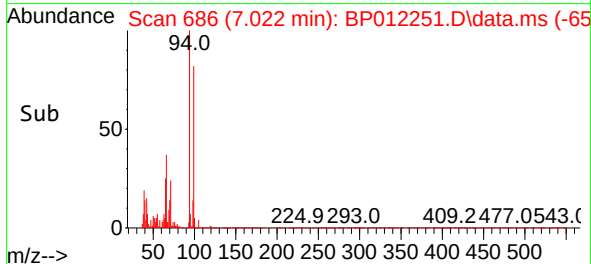
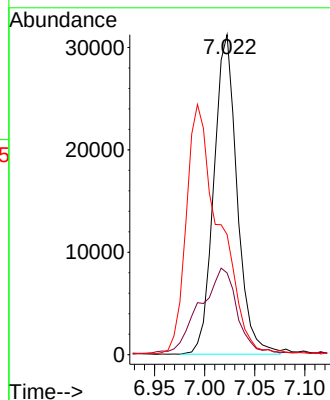
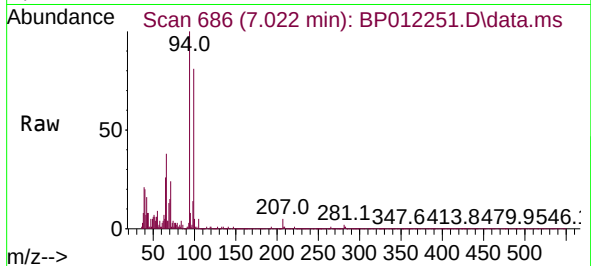
#8
Phenol
Concen: 1.290 ng/ul
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP012251.D
Acq: 21 Oct 2022 18:23

Instrument :
BNA_P
ClientSampleId :
C0BH6

Tgt Ion: 94 Resp: 50433
Ion Ratio Lower Upper
94 100
65 25.5 20.6 31.0
66 37.5 26.2 39.4

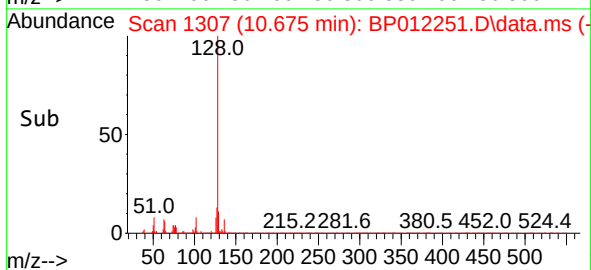
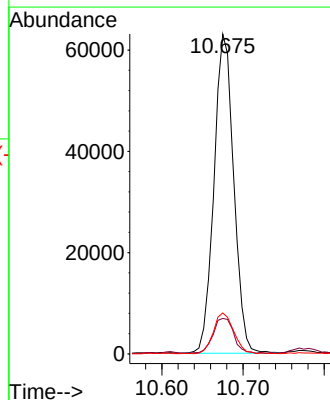
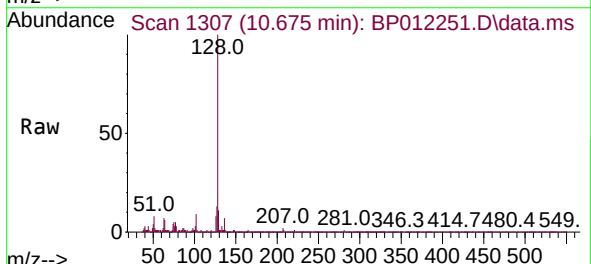
Manual Integrations
APPROVED

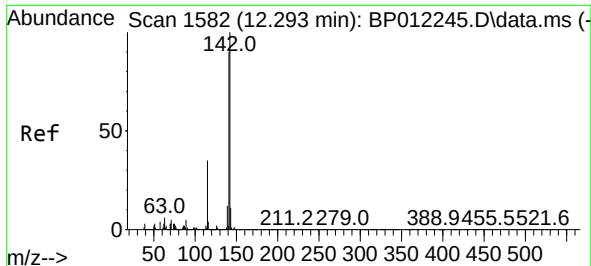
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#30
Naphthalene
Concen: 1.120 ng/ul
RT: 10.675 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BP012251.D
Acq: 21 Oct 2022 18:23

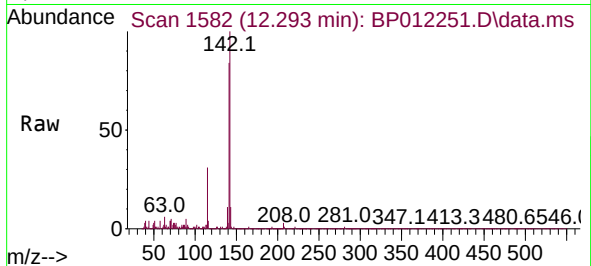
Tgt Ion:128 Resp: 106562
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.8 10.2 15.4





#36
2-Methylnaphthalene
Concen: 1.246 ng/ul
RT: 12.293 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP012251.D
Acq: 21 Oct 2022 18:23

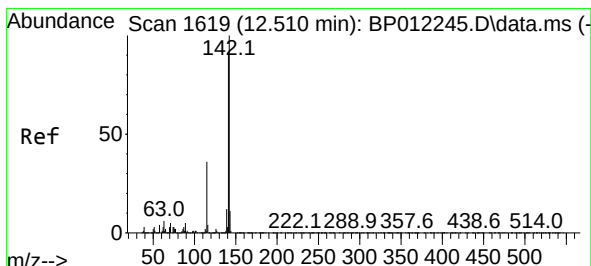
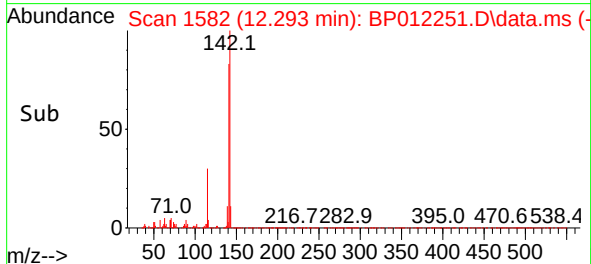
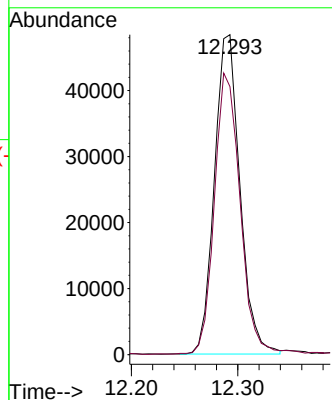
Instrument :
BNA_P
ClientSampleId :
COBH6



Tgt Ion:142 Resp: 80675
Ion Ratio Lower Upper
142 100
141 83.7 70.3 105.5

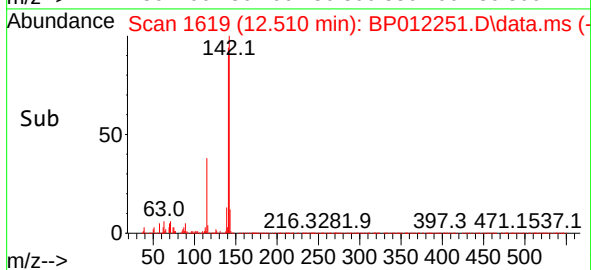
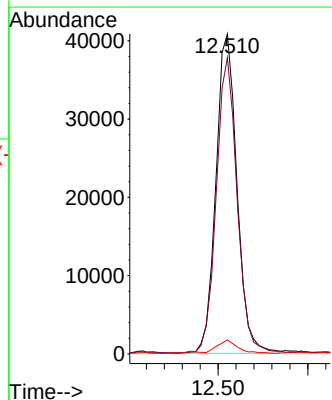
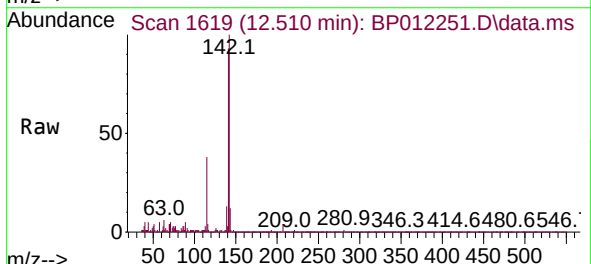
Manual Integrations
APPROVED

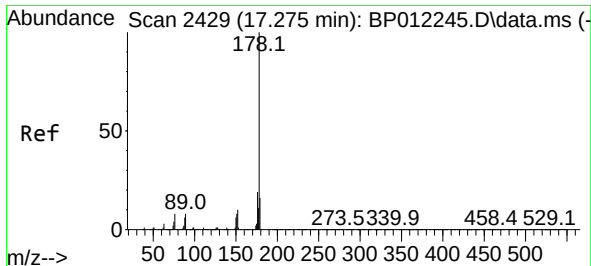
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#37
1-Methylnaphthalene
Concen: 1.029 ng/ul
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BP012251.D
Acq: 21 Oct 2022 18:23

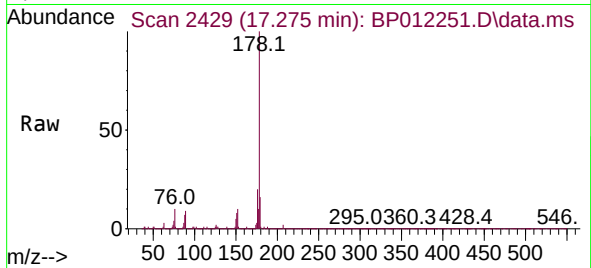
Tgt Ion:142 Resp: 66511
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.0
116 4.4 3.0 4.4





#72
Phenanthrene
Concen: 5.865 ng/ul
RT: 17.275 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP012251.D
Acq: 21 Oct 2022 18:23

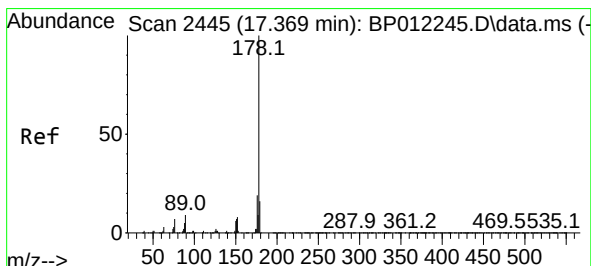
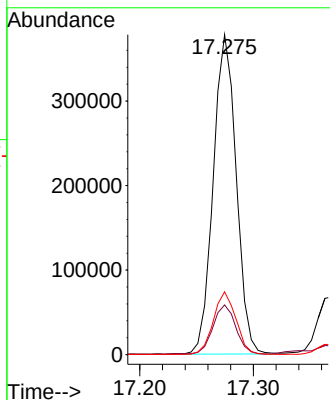
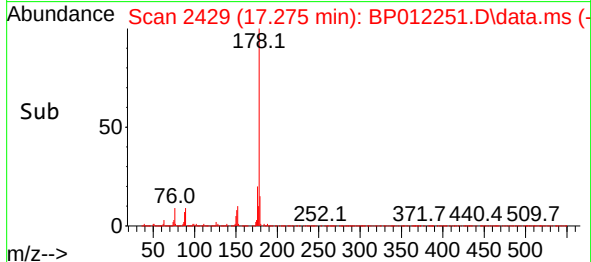
Instrument : BNA_P
ClientSampleId : C0BH6



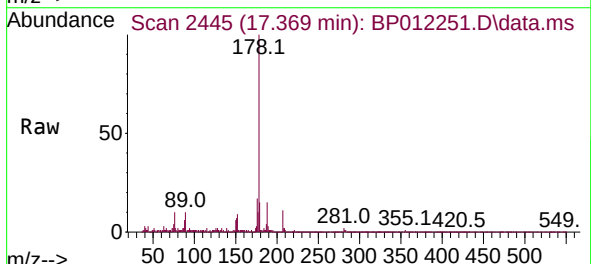
Tgt Ion:178 Resp: 531428
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.6 15.6 23.4

Manual Integrations
APPROVED

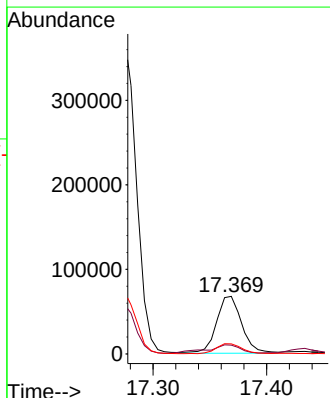
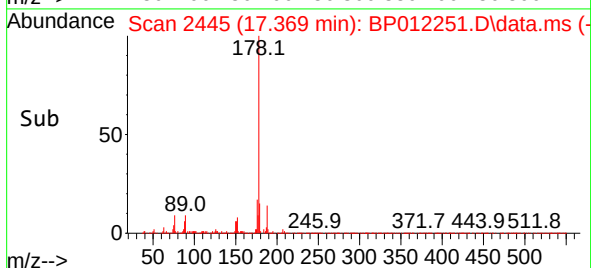
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

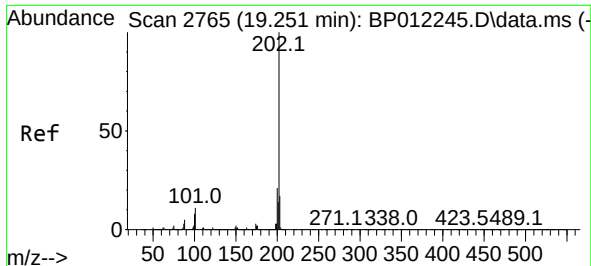


#74
Anthracene
Concen: 1.162 ng/ul
RT: 17.369 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP012251.D
Acq: 21 Oct 2022 18:23



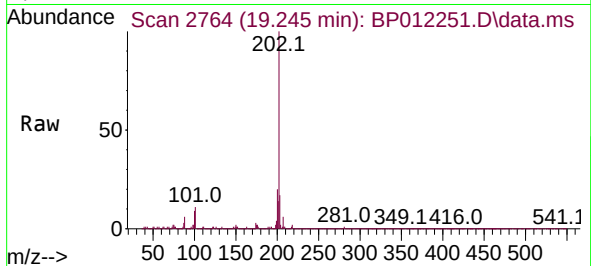
Tgt Ion:178 Resp: 104178
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 17.4 15.0 22.4





#80
Fluoranthene
Concen: 7.360 ng/u1
RT: 19.245 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BP012251.D
Acq: 21 Oct 2022 18:23

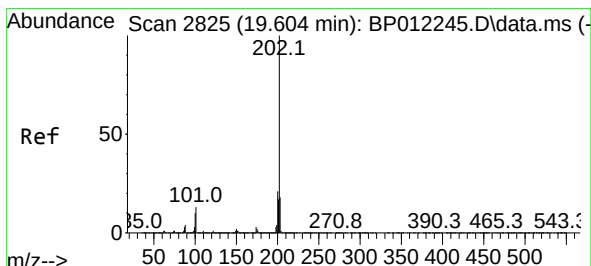
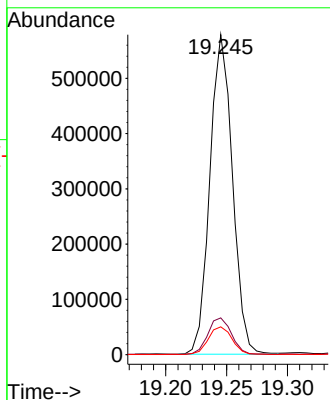
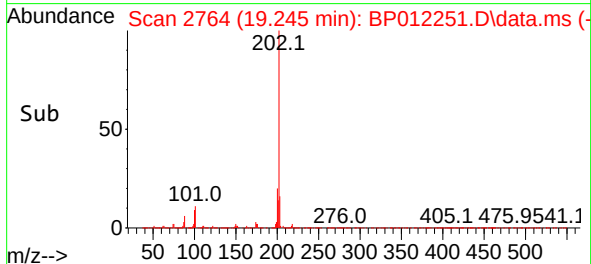
Instrument :
BNA_P
ClientSampleId :
C0BH6



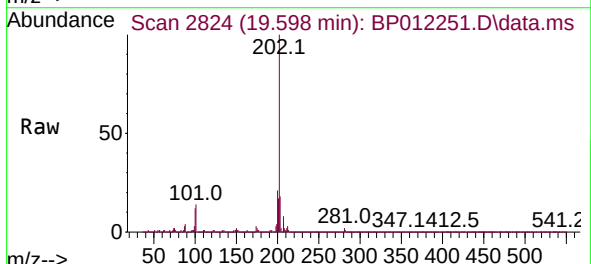
Tgt Ion:202 Resp: 744922
Ion Ratio Lower Upper
202 100
101 11.5 10.4 15.6
100 8.7 7.7 11.5

Manual Integrations
APPROVED

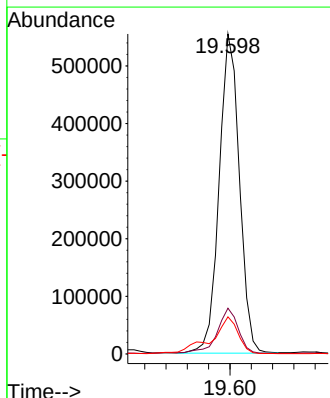
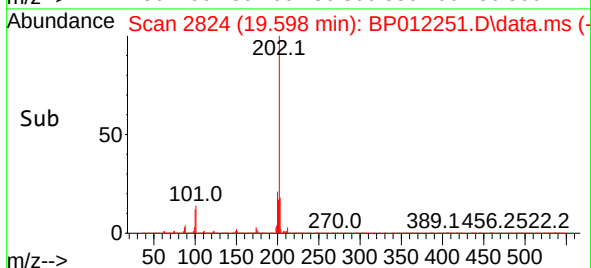
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

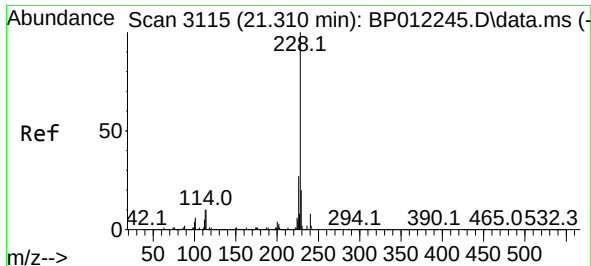


#82
Pyrene
Concen: 7.096 ng/u1
RT: 19.598 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BP012251.D
Acq: 21 Oct 2022 18:23



Tgt Ion:202 Resp: 734813
Ion Ratio Lower Upper
202 100
101 14.3 12.3 18.5
100 11.6 10.0 15.0





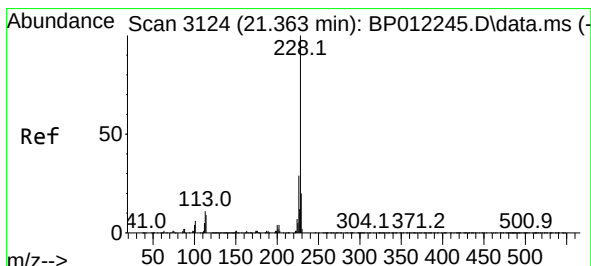
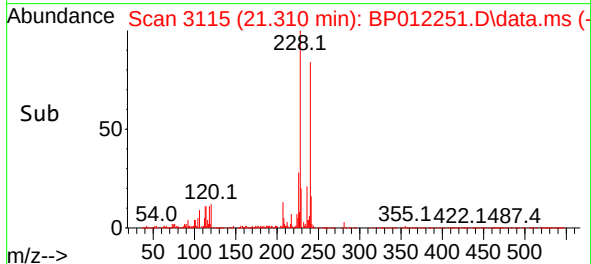
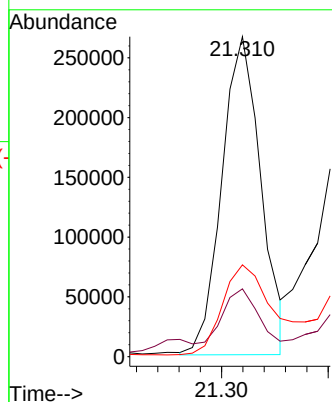
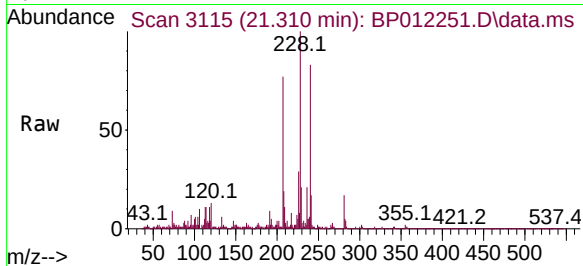
#85
Benzo(a)anthracene
Concen: 3.629 ng/ul
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP012251.D
Acq: 21 Oct 2022 18:23

Instrument : BNA_P
ClientSampleId : C0BH6

Tgt Ion:228 Resp: 340263
Ion Ratio Lower Upper
228 100
229 21.2 16.1 24.1
226 28.7 21.9 32.9

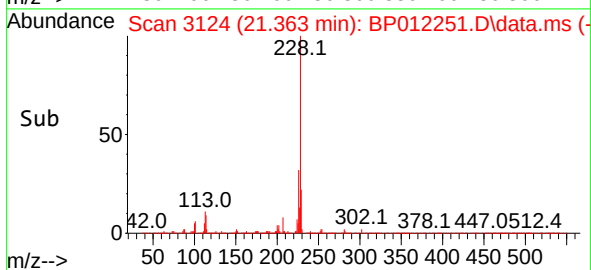
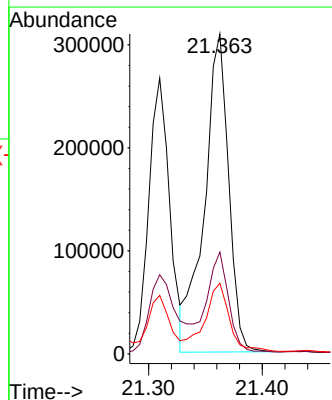
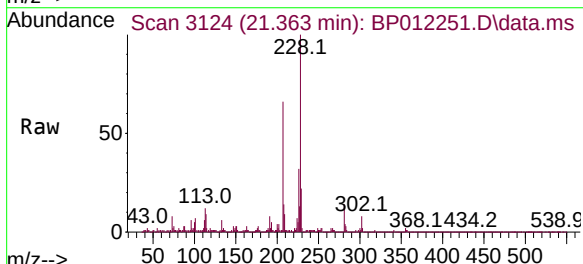
Manual Integrations
APPROVED

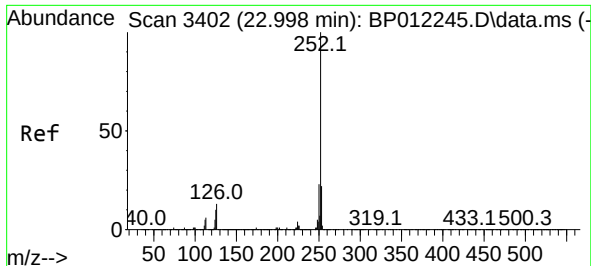
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#87
Chrysene
Concen: 5.233 ng/ul
RT: 21.363 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP012251.D
Acq: 21 Oct 2022 18:23

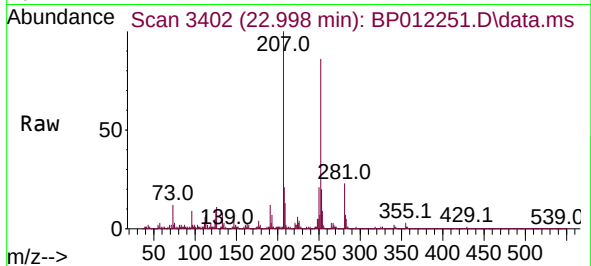
Tgt Ion:228 Resp: 457869
Ion Ratio Lower Upper
228 100
226 31.8 24.2 36.4
229 22.1 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 5.354 ng/ul
RT: 22.998 min Scan# 3402
Delta R.T. -0.006 min
Lab File: BP012251.D
Acq: 21 Oct 2022 18:23

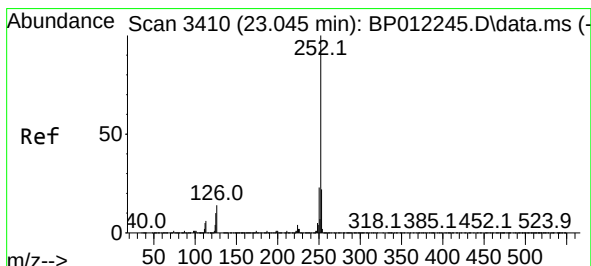
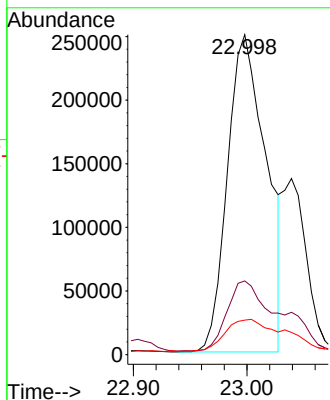
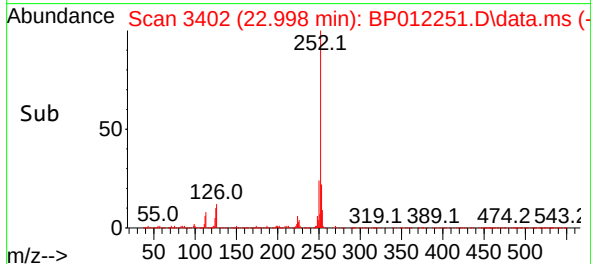
Instrument :
BNA_P
ClientSampleId :
C0BH6



Tgt Ion:252 Resp: 592900
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 10.8 8.5 12.7

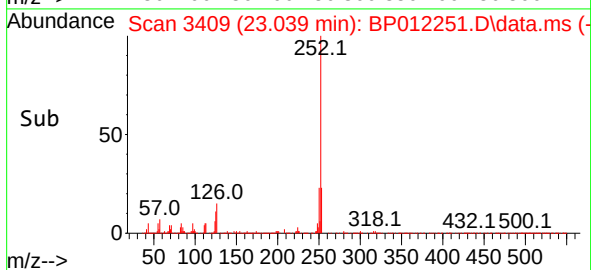
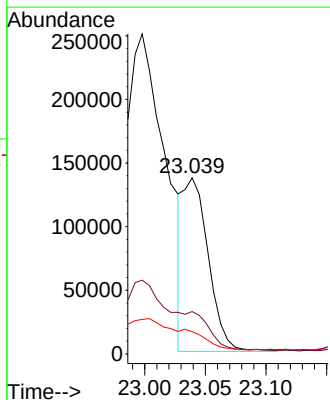
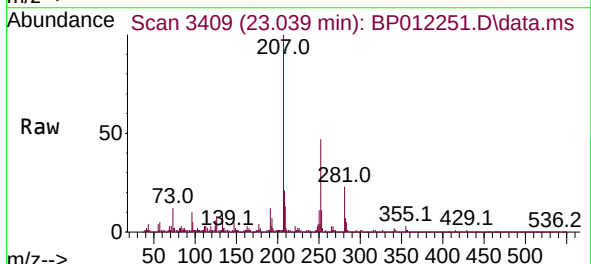
Manual Integrations
APPROVED

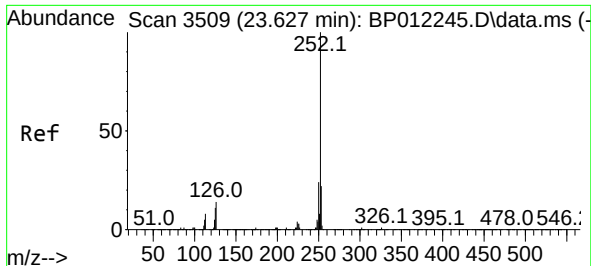
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#91
Benzo(k)fluoranthene
Concen: 1.818 ng/ul m
RT: 23.039 min Scan# 3409
Delta R.T. -0.012 min
Lab File: BP012251.D
Acq: 21 Oct 2022 18:23

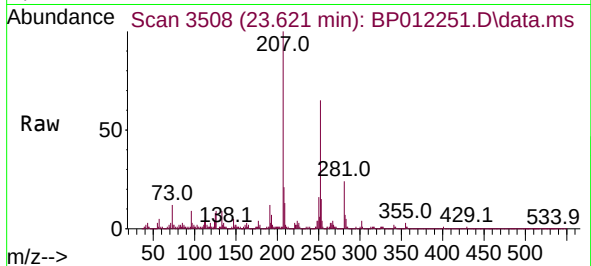
Tgt Ion:252 Resp: 198445
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 12.6 8.6 13.0





#93
Benzo(a)pyrene
Concen: 3.903 ng/ul
RT: 23.621 min Scan# 3508
Delta R.T. -0.012 min
Lab File: BP012251.D
Acq: 21 Oct 2022 18:23

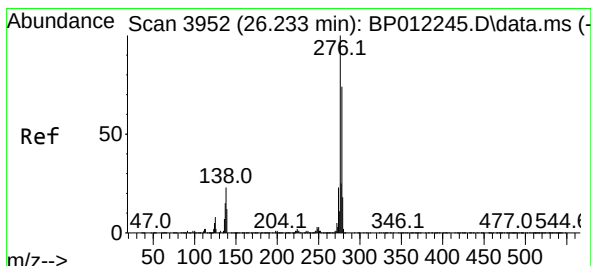
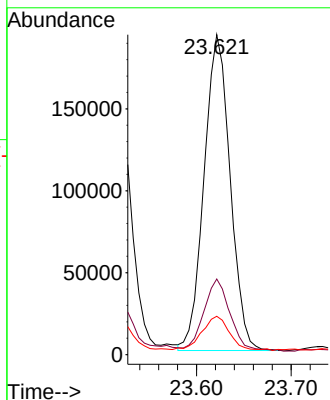
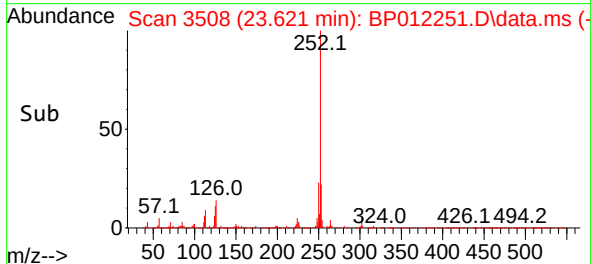
Instrument :
BNA_P
ClientSampleId :
C0BH6



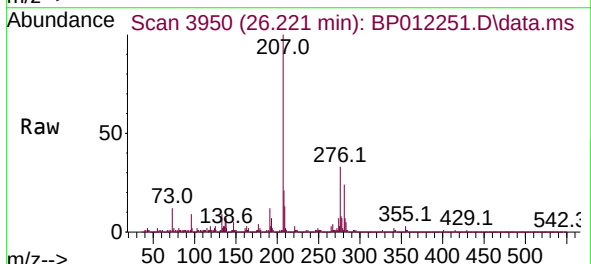
Tgt Ion:252 Resp: 369578
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 12.0 9.7 14.5

Manual Integrations
APPROVED

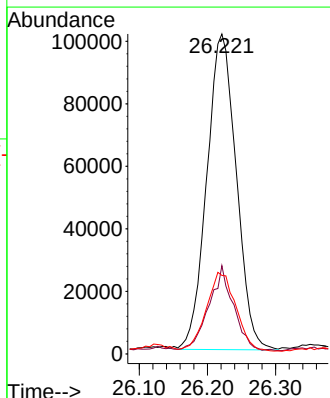
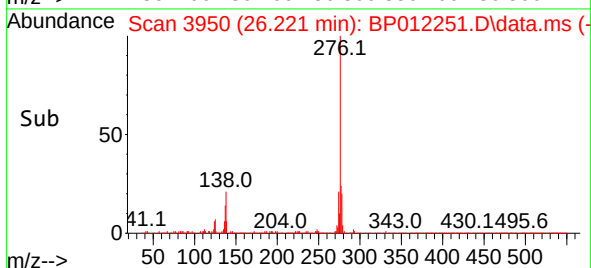
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

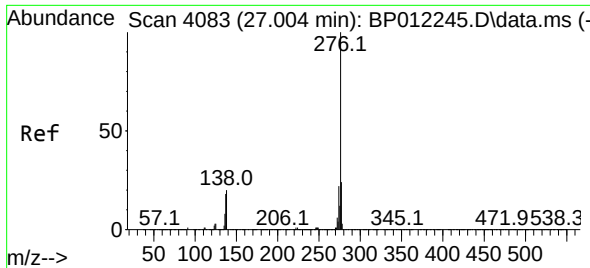


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.762 ng/ul
RT: 26.221 min Scan# 3950
Delta R.T. -0.023 min
Lab File: BP012251.D
Acq: 21 Oct 2022 18:23



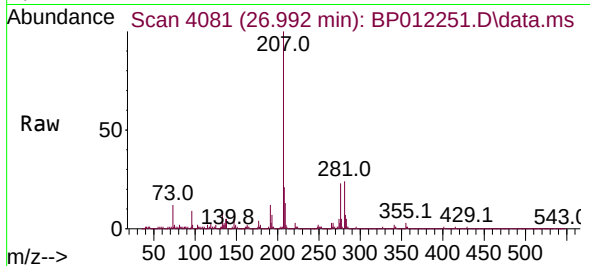
Tgt Ion:276 Resp: 302736
Ion Ratio Lower Upper
276 100
138 27.6 20.3 30.5
277 24.6 20.2 30.4





#96
 Benzo(g,h,i)perylene
 Concen: 2.397 ng/ul
 RT: 26.992 min Scan# 4081
 Delta R.T. -0.018 min
 Lab File: BP012251.D
 Acq: 21 Oct 2022 18:23

Instrument :
 BNA_P
 ClientSampleId :
 C0BH6



Tgt Ion: 276 Resp: 246688
 Ion Ratio Lower Upper
 276 100
 138 22.3 17.9 26.9
 277 23.3 18.9 28.3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

