

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020780.D
 Acq On : 03 Jul 2024 22:19
 Operator : MA/JU
 Sample : P2964-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B52

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 23:13:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	171116	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	705029	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	459968	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	980658	20.000	ng/u1	0.01
79) Chrysene-d12	21.622	240	887544	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	1027821	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	11893	2.985	ng/uL	0.00
4) Pyridine-d5	3.687	84	40671	3.502	ng/u1	0.00
7) Phenol-d5	6.922	99	219688	15.653	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	139495	15.678	ng/u1	0.00
11) 2-Chlorophenol-d4	7.275	132	191593	16.703	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	151089	13.255	ng/u1	0.00
21) Nitrobenzene-d5	8.887	128	94575	18.169	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	107548	20.647	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	189032	17.617	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	144093	9.583	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	627286	19.614	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	697596	18.280	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	81886	16.758	ng/u1	0.02
60) Fluorene-d10	15.375	176	533922	19.840	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	56900	11.514	ng/u1	0.01
73) Anthracene-d10	17.281	188	831729	18.898	ng/u1	0.02
81) Pyrene-d10	19.651	212	876005	16.429	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	649208	12.985	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.422	153	37998	1.329	ng/u1	96
61) Fluorene	15.434	166	40006	1.292	ng/u1	94
72) Phenanthrene	17.222	178	743971	14.488	ng/u1	99
74) Anthracene	17.316	178	143601	2.719	ng/u1	97
77) Carbazole	17.598	167	70250	1.611	ng/u1	98
80) Fluoranthene	19.310	202	1360871	20.894	ng/u1	97
82) Pyrene	19.686	202	904198	13.537	ng/u1	99
85) Benzo(a)anthracene	21.598	228	610405	9.812	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.533	149	184965	4.803	ng/u1	99
87) Chrysene	21.669	228	627730	10.675	ng/u1	98
90) Benzo(b)fluoranthene	23.916	252	834935	13.409	ng/u1	99
91) Benzo(k)fluoranthene	23.974	252	263943	4.191	ng/u1	96
93) Benzo(a)pyrene	24.816	252	301220	5.125	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.751	276	285222m	3.783	ng/u1	
95) Dibenzo(a,h)anthracene	28.827	278	105211m	1.698	ng/u1	

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

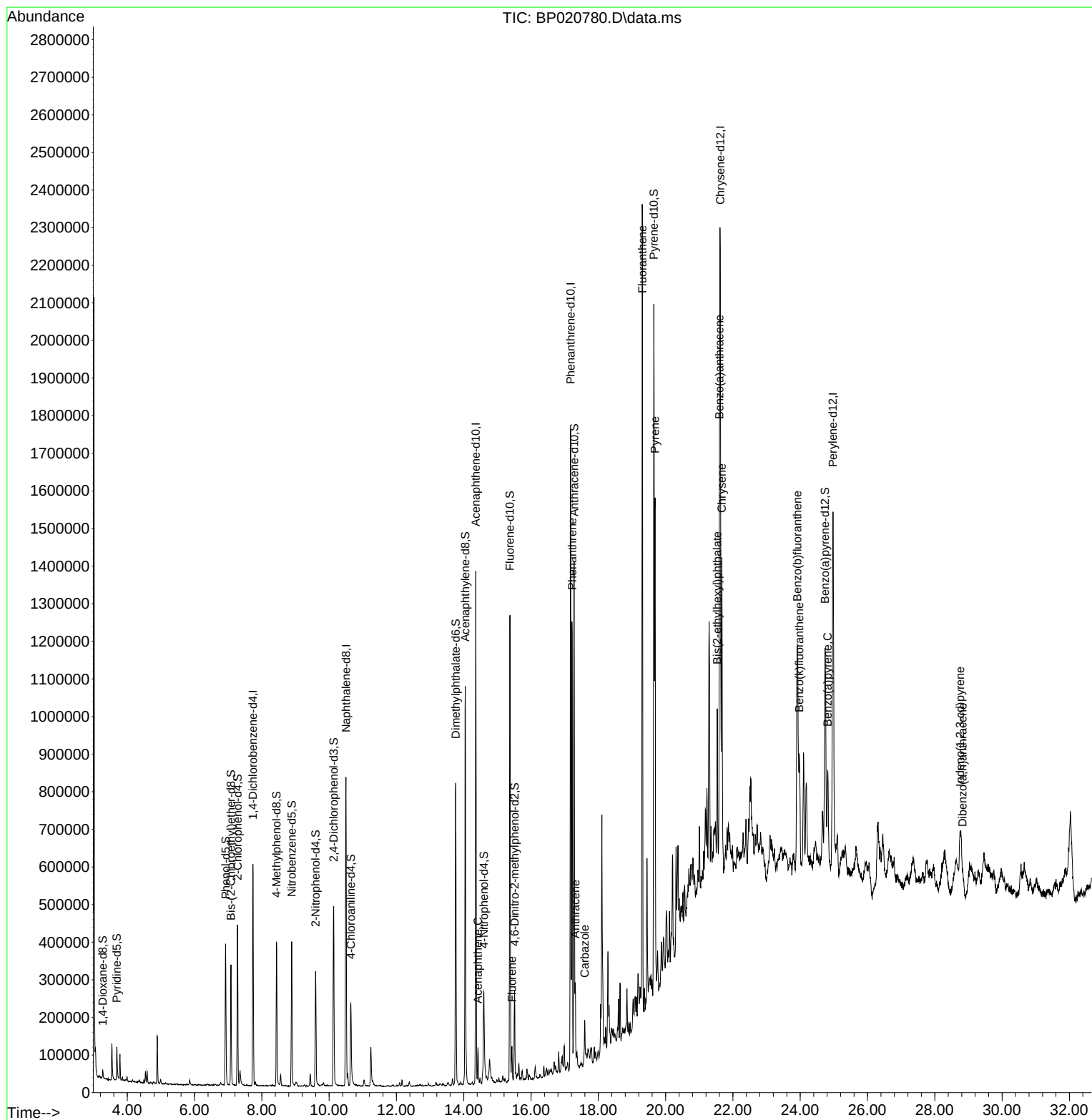
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020780.D
 Acq On : 03 Jul 2024 22:19
 Operator : MA/JU
 Sample : P2964-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

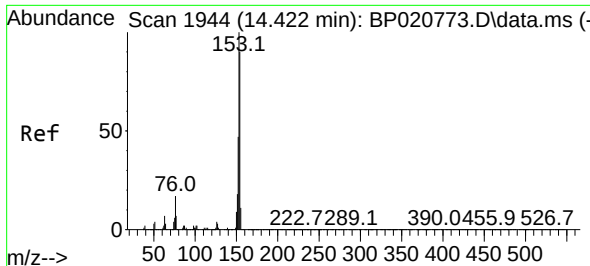
Instrument :
 BNA_P
 ClientSampleId :
 A4B52

Quant Time: Jul 03 23:13:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

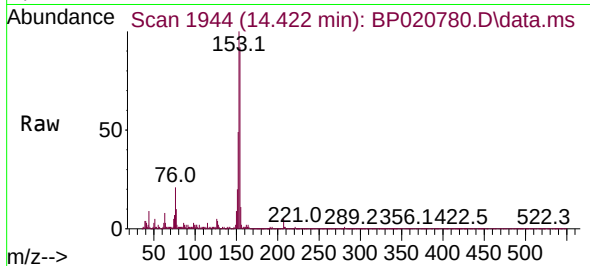
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024





#52
Acenaphthene
Concen: 1.329 ng/ul
RT: 14.422 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BP020780.D
Acq: 03 Jul 2024 22:19

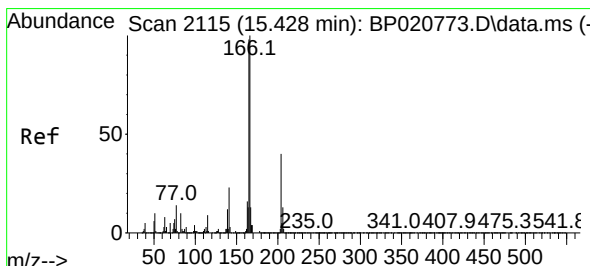
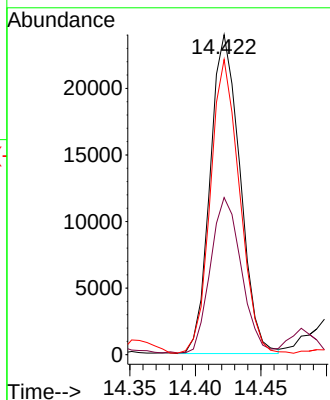
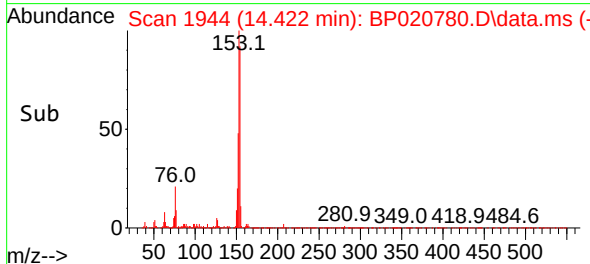
Instrument :
BNA_P
ClientSampleId :
A4B52



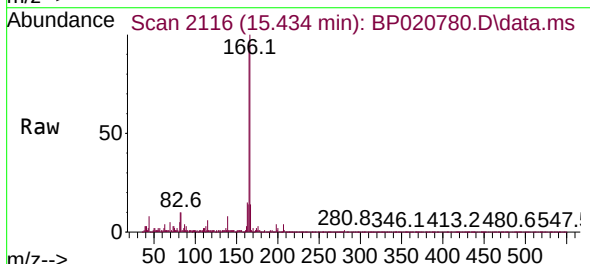
Tgt Ion:153 Resp: 37998
Ion Ratio Lower Upper
153 100
152 49.1 38.2 57.2
154 92.2 69.8 104.6

Manual Integrations
APPROVED

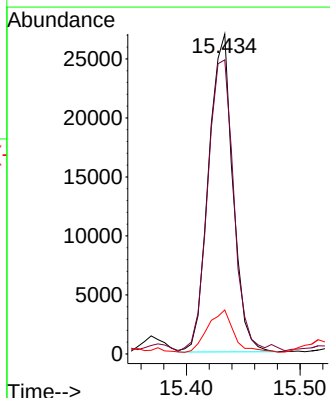
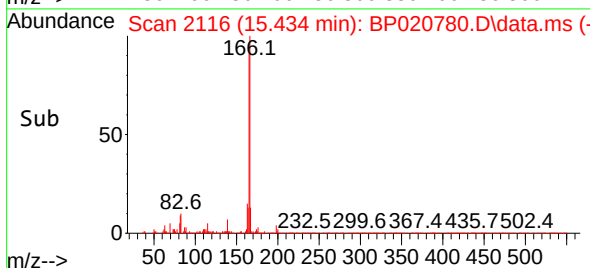
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

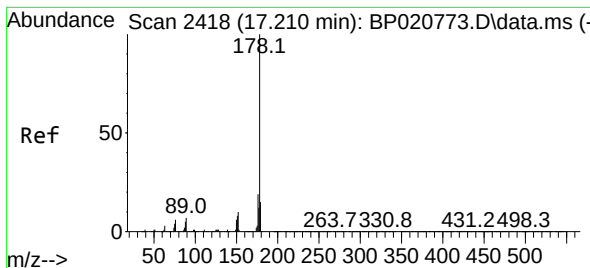


#61
Fluorene
Concen: 1.292 ng/ul
RT: 15.434 min Scan# 2116
Delta R.T. 0.012 min
Lab File: BP020780.D
Acq: 03 Jul 2024 22:19



Tgt Ion:166 Resp: 40006
Ion Ratio Lower Upper
166 100
165 91.9 78.8 118.2
167 13.7 11.2 16.8





#72

Phenanthrene

Concen: 14.488 ng/ul

RT: 17.222 min Scan# 2418

Delta R.T. 0.018 min

Lab File: BP020780.D

Acq: 03 Jul 2024 22:19

Instrument :

BNA_P

ClientSampleId :

A4B52

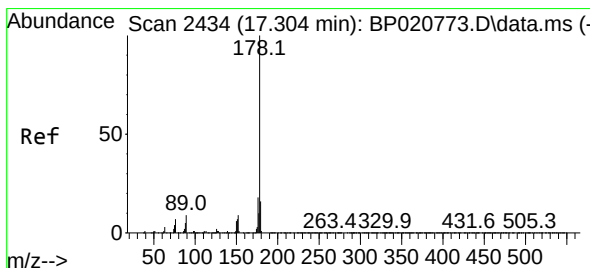
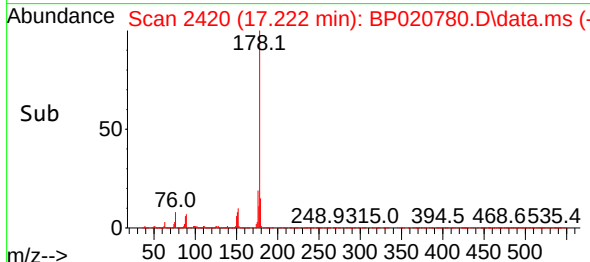
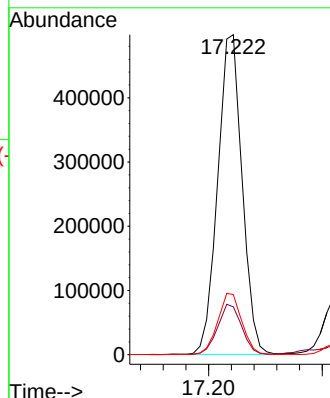
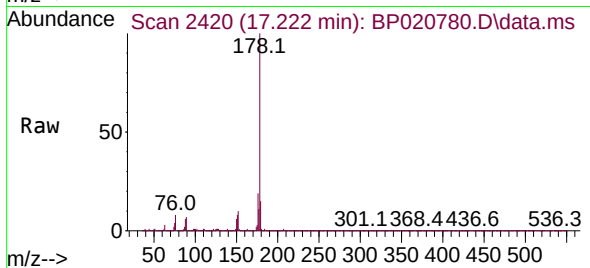
Tgt Ion:178	Resp:	74397
Ion Ratio	Lower	Upper
178	100	
179	15.0	12.4 18.6
176	18.8	15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#74

Anthracene

Concen: 2.719 ng/ul

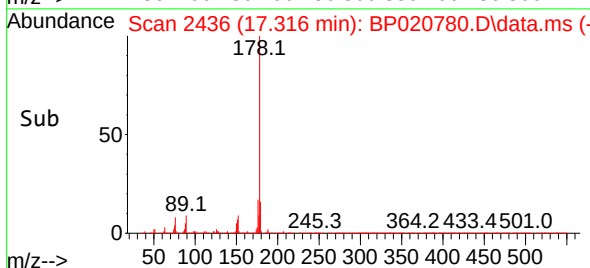
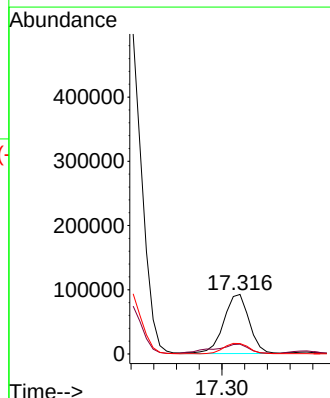
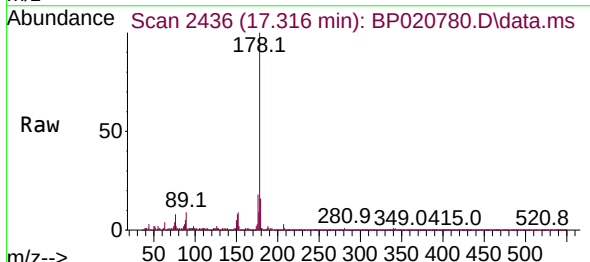
RT: 17.316 min Scan# 2436

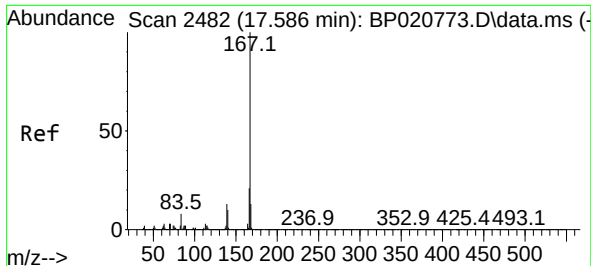
Delta R.T. 0.018 min

Lab File: BP020780.D

Acq: 03 Jul 2024 22:19

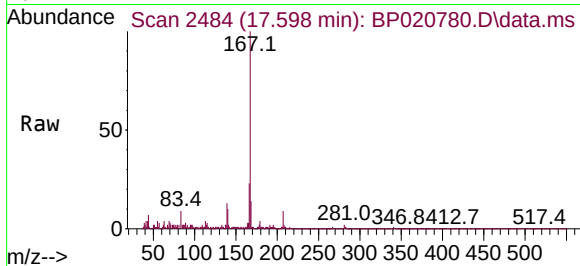
Tgt Ion:178	Resp:	143601
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.1 18.1
176	17.5	15.0 22.4





#77
 Carbazole
 Concen: 1.611 ng/ul
 RT: 17.598 min Scan# 2482
 Delta R.T. 0.012 min
 Lab File: BP020780.D
 Acq: 03 Jul 2024 22:19

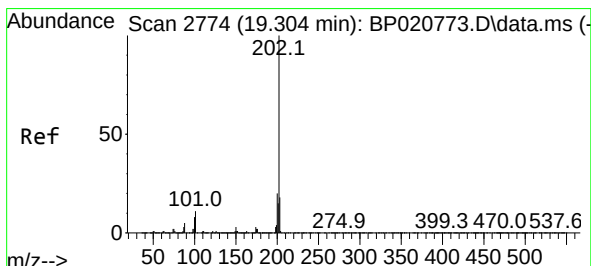
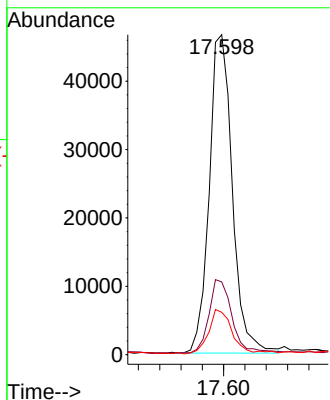
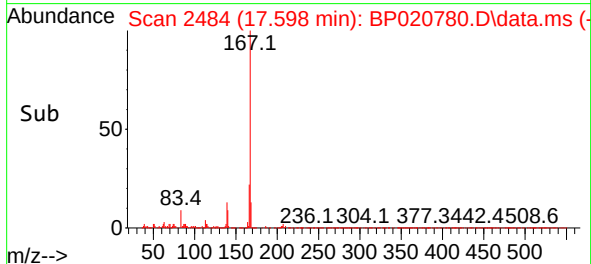
Instrument :
 BNA_P
 ClientSampleId :
 A4B52



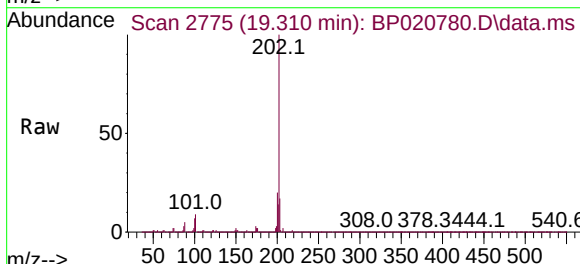
Tgt Ion:167 Resp: 70250
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.2 25.8
 139 13.2 10.6 16.0

Manual Integrations
 APPROVED

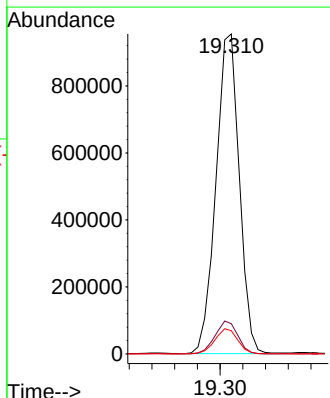
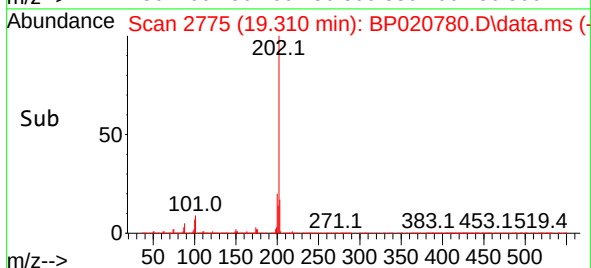
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

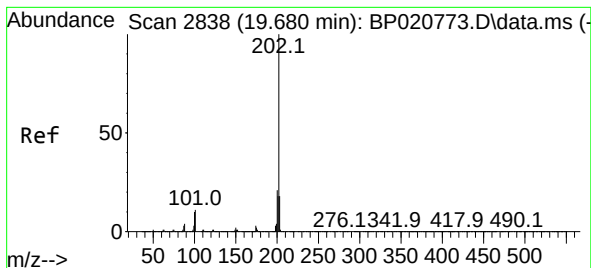


#80
 Fluoranthene
 Concen: 20.894 ng/ul
 RT: 19.310 min Scan# 2775
 Delta R.T. 0.012 min
 Lab File: BP020780.D
 Acq: 03 Jul 2024 22:19



Tgt Ion:202 Resp: 1360871
 Ion Ratio Lower Upper
 202 100
 101 9.5 8.2 12.4
 100 7.2 6.6 10.0





#82

Pyrene

Concen: 13.537 ng/ul

RT: 19.686 min Scan# 2839

Delta R.T. 0.006 min

Lab File: BP020780.D

Acq: 03 Jul 2024 22:19

Instrument :

BNA_P

ClientSampleId :

A4B52

Tgt Ion:202 Resp: 904198

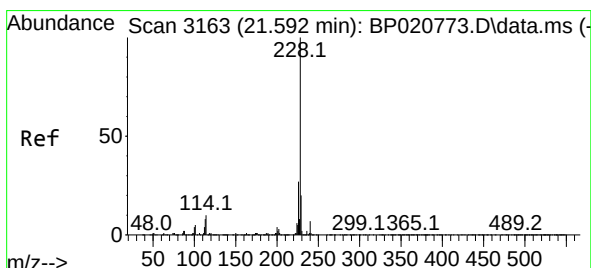
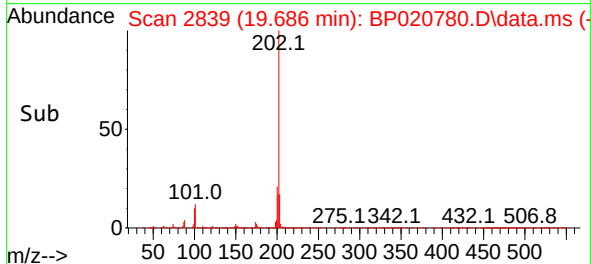
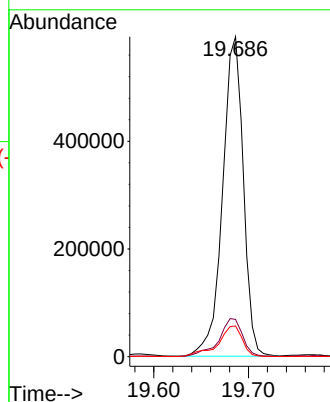
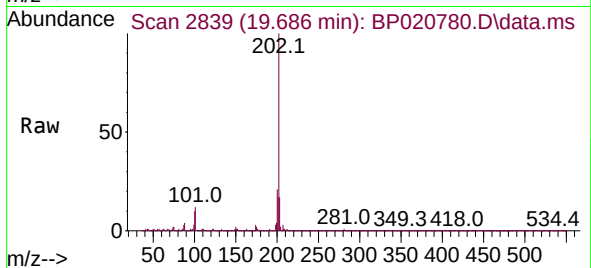
Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.8
100	9.6	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#85

Benzo(a)anthracene

Concen: 9.812 ng/ul

RT: 21.598 min Scan# 3164

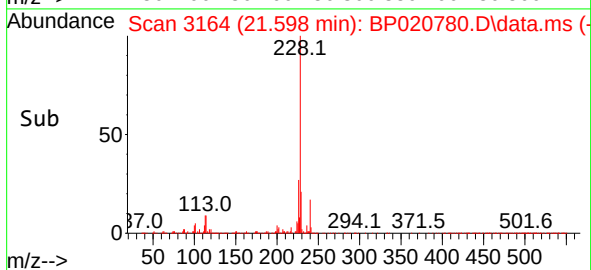
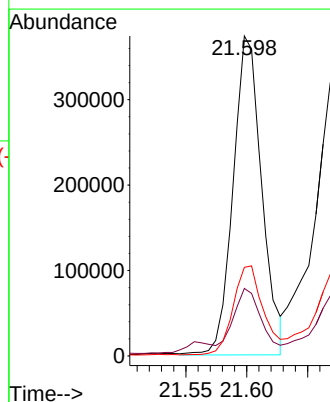
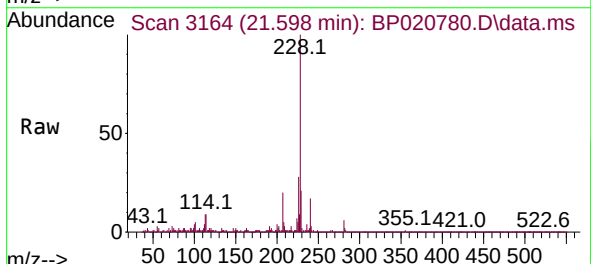
Delta R.T. 0.000 min

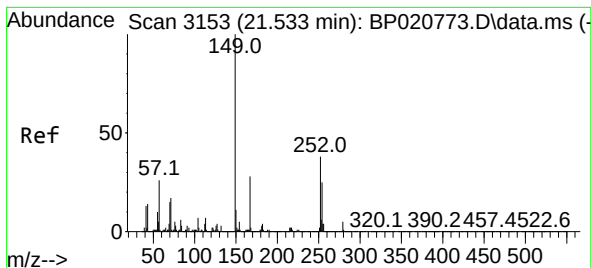
Lab File: BP020780.D

Acq: 03 Jul 2024 22:19

Tgt Ion:228 Resp: 610405

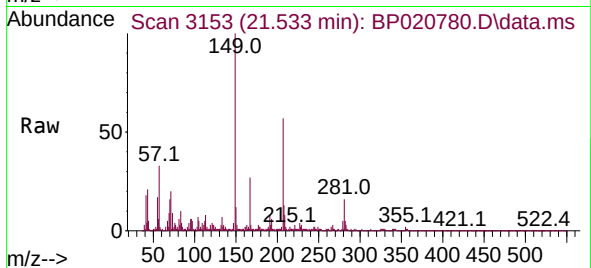
Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.2	22.8
226	27.7	21.1	31.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.803 ng/ul
RT: 21.533 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP020780.D
Acq: 03 Jul 2024 22:19

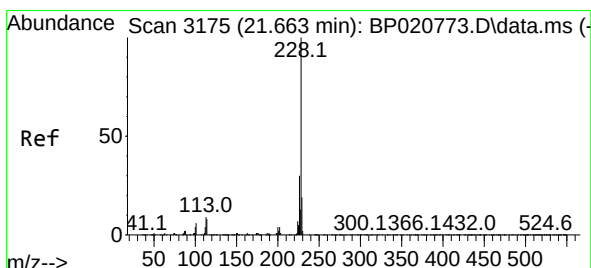
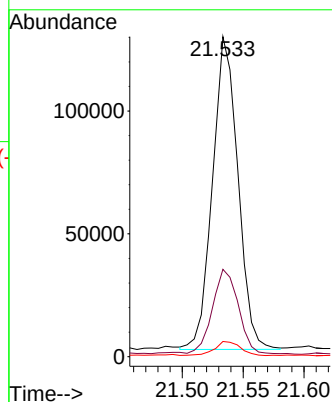
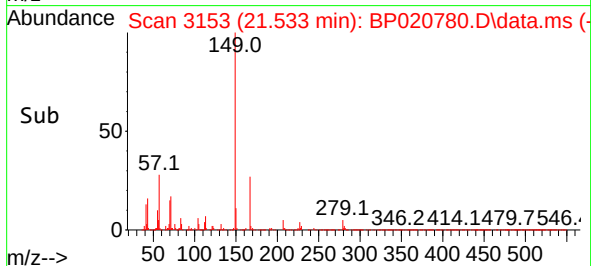
Instrument :
BNA_P
ClientSampleId :
A4B52



Tgt Ion:149 Resp: 18496
Ion Ratio Lower Upper
149 100
167 27.3 22.0 33.0
279 4.8 3.3 4.9

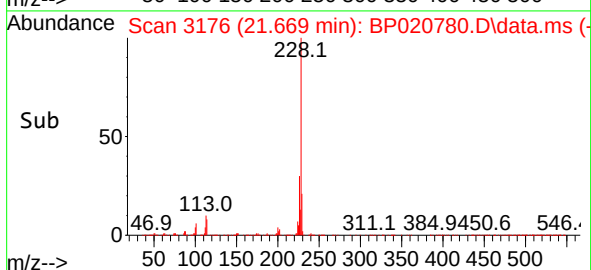
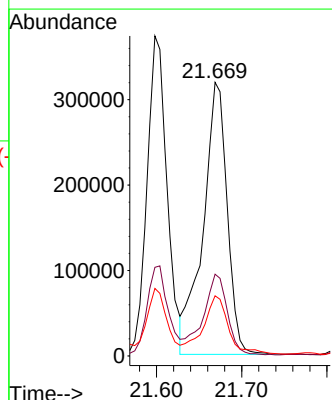
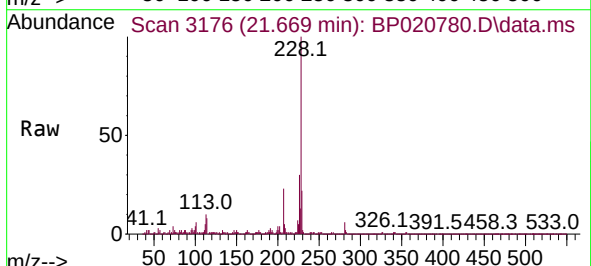
Manual Integrations
APPROVED

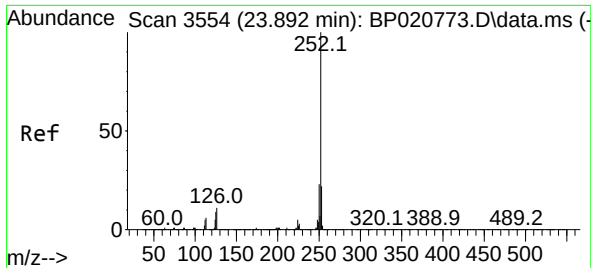
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#87
Chrysene
Concen: 10.675 ng/ul
RT: 21.669 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BP020780.D
Acq: 03 Jul 2024 22:19

Tgt Ion:228 Resp: 627730
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 22.0 16.1 24.1





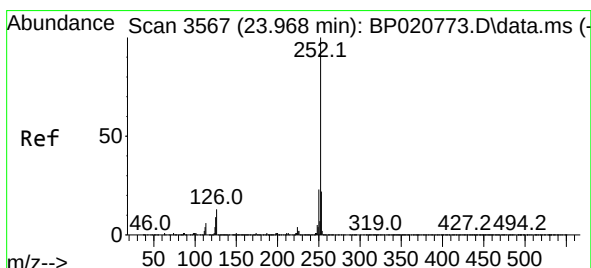
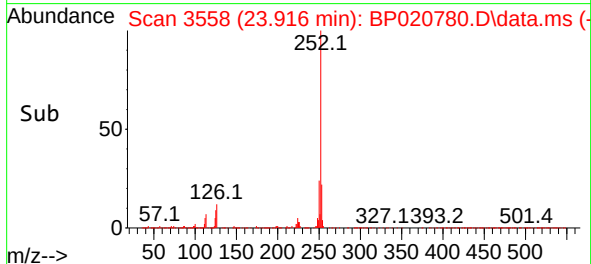
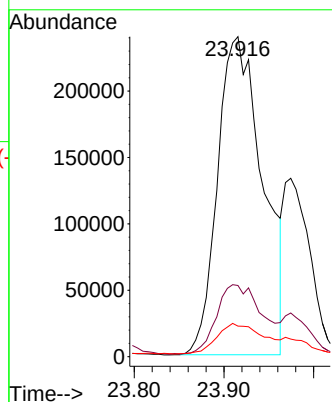
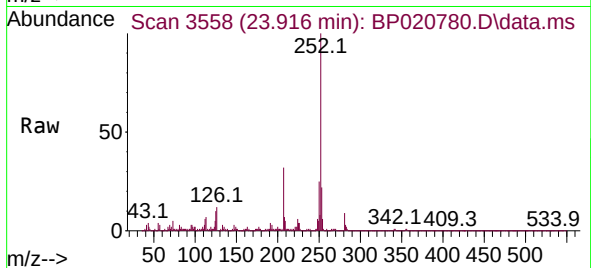
#90
Benzo(b)fluoranthene
Concen: 13.409 ng/ul
RT: 23.916 min Scan# 3558
Delta R.T. 0.012 min
Lab File: BP020780.D
Acq: 03 Jul 2024 22:19

Instrument :
BNA_P
ClientSampleId :
A4B52

Tgt Ion:252 Resp: 834935
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.6 7.9 11.9

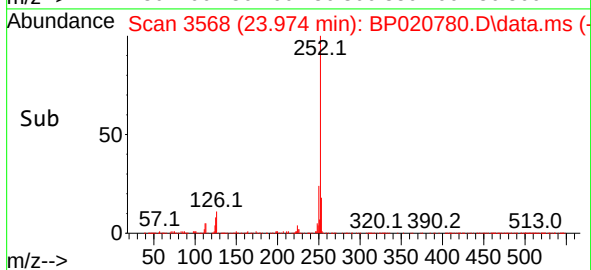
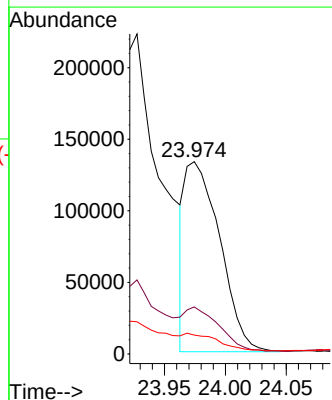
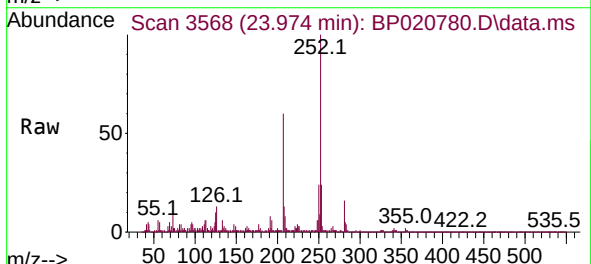
Manual Integrations
APPROVED

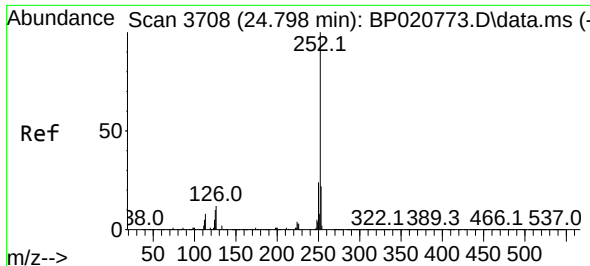
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#91
Benzo(k)fluoranthene
Concen: 4.191 ng/ul
RT: 23.974 min Scan# 3568
Delta R.T. 0.000 min
Lab File: BP020780.D
Acq: 03 Jul 2024 22:19

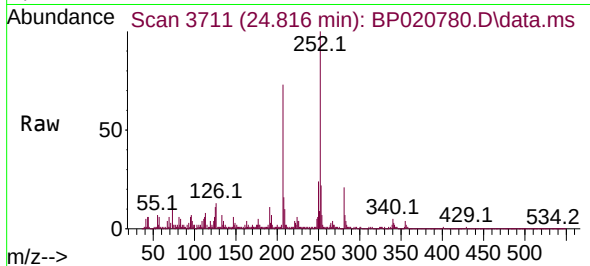
Tgt Ion:252 Resp: 263943
Ion Ratio Lower Upper
252 100
253 24.5 17.6 26.4
125 9.8 7.9 11.9





#93
Benzo(a)pyrene
Concen: 5.125 ng/ul
RT: 24.816 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP020780.D
Acq: 03 Jul 2024 22:19

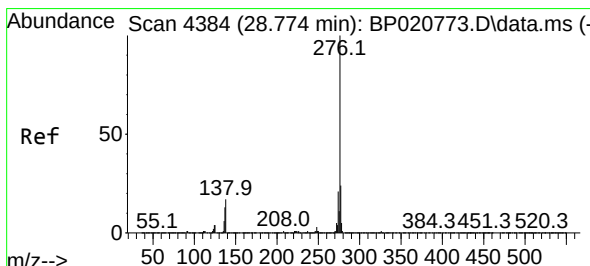
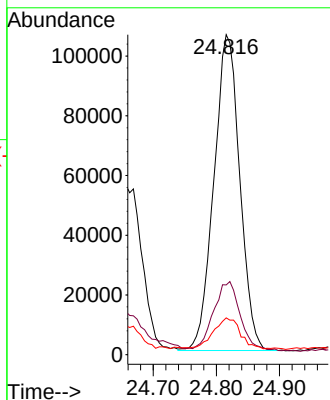
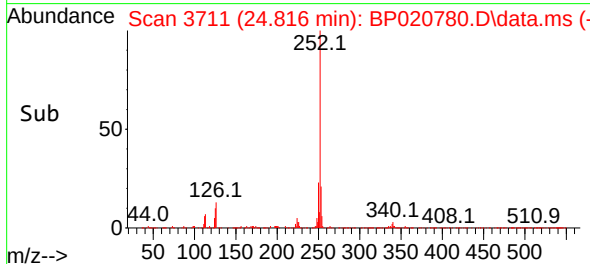
Instrument :
BNA_P
ClientSampleId :
A4B52



Tgt Ion:252 Resp: 301220
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.5 8.7 13.1

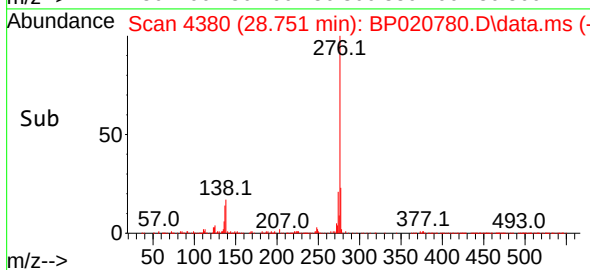
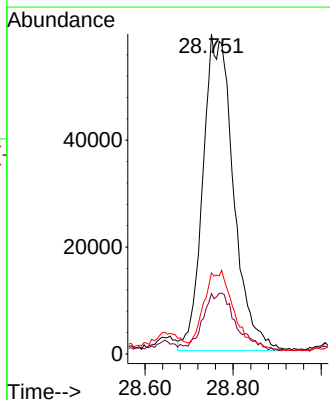
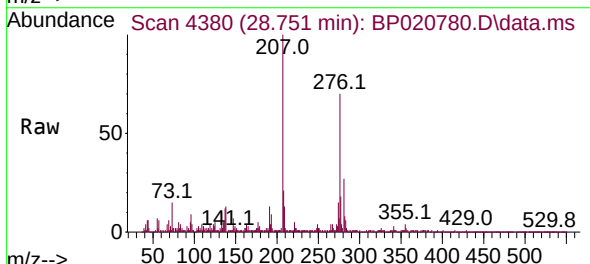
Manual Integrations
APPROVED

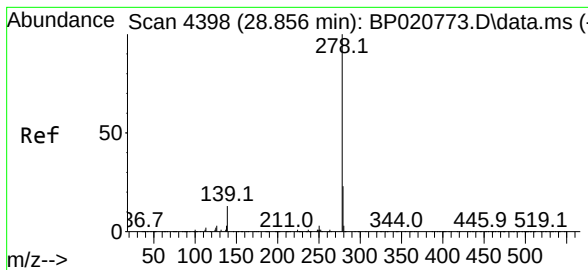
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.783 ng/ul m
RT: 28.751 min Scan# 4380
Delta R.T. -0.012 min
Lab File: BP020780.D
Acq: 03 Jul 2024 22:19

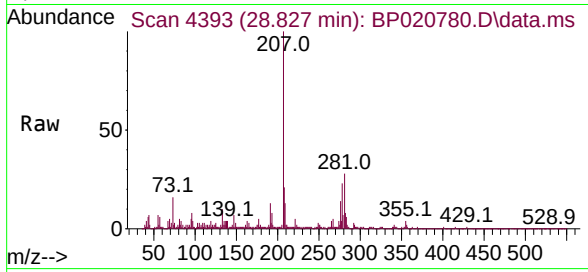
Tgt Ion:276 Resp: 285222
Ion Ratio Lower Upper
276 100
138 18.9 15.2 22.8
277 25.4 19.0 28.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.698 ng/ul m
 RT: 28.827 min Scan# 4398
 Delta R.T. -0.012 min
 Lab File: BP020780.D
 Acq: 03 Jul 2024 22:19

Instrument :
 BNA_P
 ClientSampleId :
 A4B52



Tgt Ion:278 Resp: 10521
 Ion Ratio Lower Upper
 278 100
 139 16.8 11.1 16.7
 279 28.5 18.7 28.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

