

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020781.D
 Acq On : 03 Jul 2024 23:01
 Operator : MA/JU
 Sample : P2964-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS4

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 23:45:20 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	7.740	152	175962	20.000	ng/u1	0.00
20) Naphthalene-d8	10.498	136	709765	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	462640	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	969557	20.000	ng/u1	0.01
79) Chrysene-d12	21.627	240	844149	20.000	ng/u1	0.00
88) Perylene-d12	24.980	264	1017556	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	13701	3.344	ng/uL	0.00
4) Pyridine-d5	3.693	84	17689	1.481	ng/u1	0.01
7) Phenol-d5	6.922	99	283064	19.613	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	169467	18.522	ng/u1	0.00
11) 2-Chlorophenol-d4	7.275	132	241120	20.442	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	232410	19.828	ng/u1	0.00
21) Nitrobenzene-d5	8.887	128	119201	22.748	ng/u1	0.00
24) 2-Nitrophenol-d4	9.598	143	131708	25.116	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	235852	21.834	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	113647	7.507	ng/u1	0.01
46) Dimethylphthalate-d6	13.769	166	763572	23.738	ng/u1	0.01
49) Acenaphthylene-d8	14.051	160	866516	22.575	ng/u1	0.01
54) 4-Nitrophenol-d4	14.604	143	90170	18.347	ng/u1	0.02
60) Fluorene-d10	15.375	176	653668	24.149	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	63778	13.053	ng/u1	0.01
73) Anthracene-d10	17.275	188	1015203	23.331	ng/u1	0.01
81) Pyrene-d10	19.663	212	1001136	19.741	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.762	264	759950	15.353	ng/u1	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.551	128	54788	1.442	ng/u1	99
50) Acenaphthylene	14.081	152	157633	3.636	ng/u1	99
56) Dibenzofuran	14.769	168	60968	1.573	ng/u1	98
61) Fluorene	15.433	166	74170	2.382	ng/u1	98
72) Phenanthrene	17.222	178	1302242	25.649	ng/u1	100
74) Anthracene	17.310	178	307383	5.886	ng/u1	99
77) Carbazole	17.592	167	46436	1.077	ng/u1	98
80) Fluoranthene	19.316	202	2083464	33.633	ng/u1	99
82) Pyrene	19.692	202	1649514	25.964	ng/u1	97
85) Benzo(a)anthracene	21.610	228	965468m	16.317	ng/u1	
87) Chrysene	21.686	228	972367	17.386	ng/u1	99
90) Benzo(b)fluoranthene	23.927	252	1219547	19.783	ng/u1	98
91) Benzo(k)fluoranthene	23.986	252	442305m	7.093	ng/u1	
93) Benzo(a)pyrene	24.821	252	564220	9.696	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.797	276	537041	7.195	ng/u1	97
95) Dibenzo(a,h)anthracene	28.874	278	176185m	2.872	ng/u1	
96) Benzo(g,h,i)perylene	29.962	276	87925m	1.443	ng/u1	

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

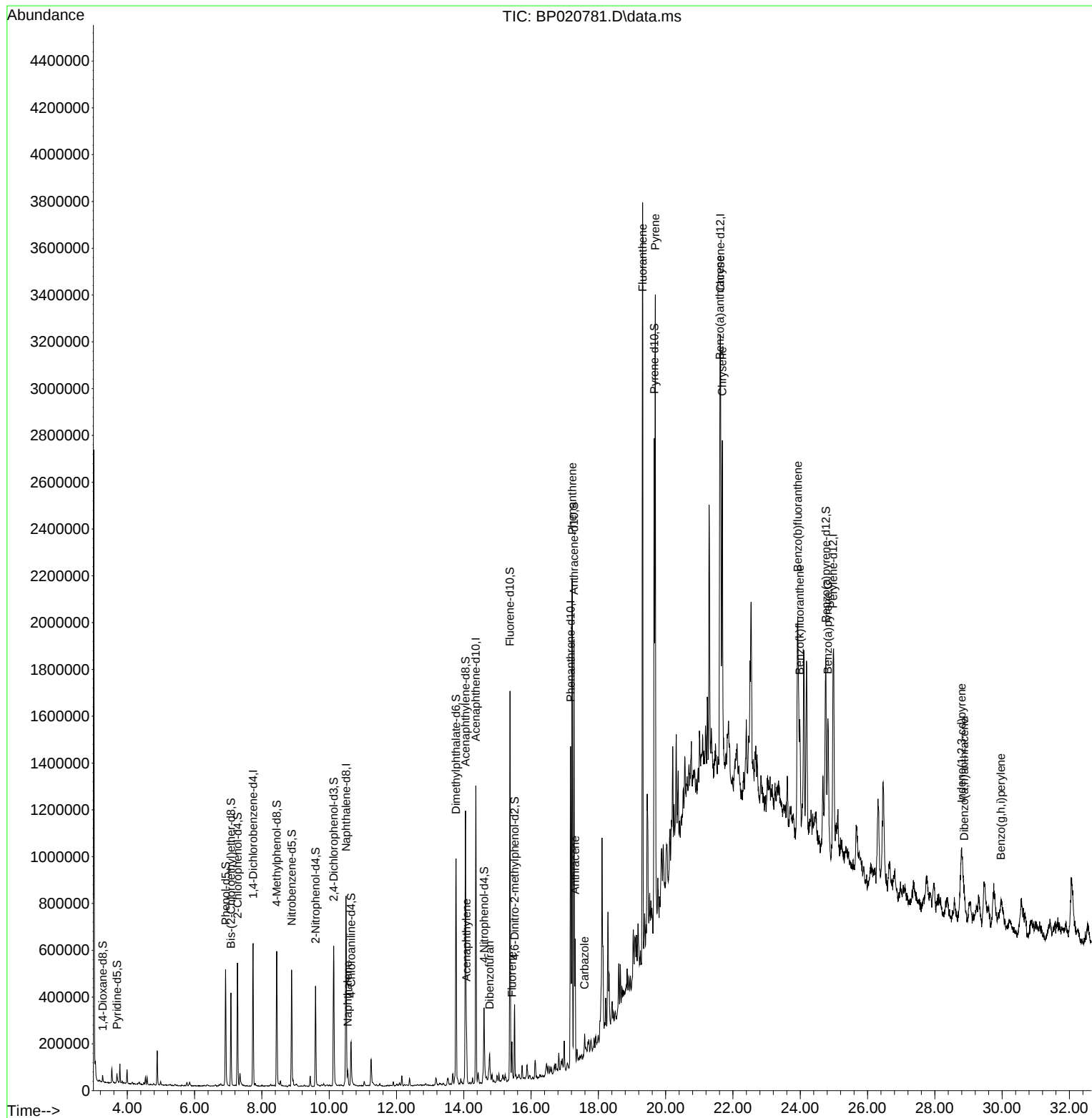
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020781.D
 Acq On : 03 Jul 2024 23:01
 Operator : MA/JU
 Sample : P2964-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

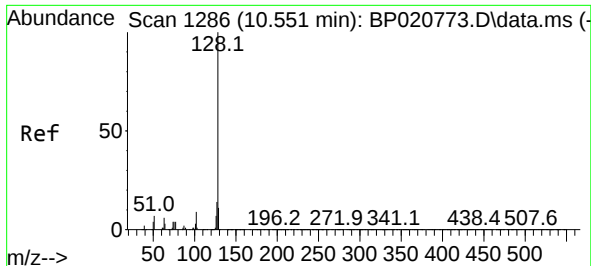
Instrument :
 BNA_P
 ClientSampleId :
 A4CS4

Quant Time: Jul 03 23:45:20 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

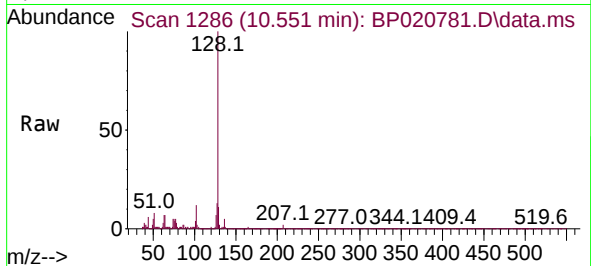
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024





#30
Naphthalene
Concen: 1.442 ng/ul
RT: 10.551 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BP020781.D
Acq: 03 Jul 2024 23:01

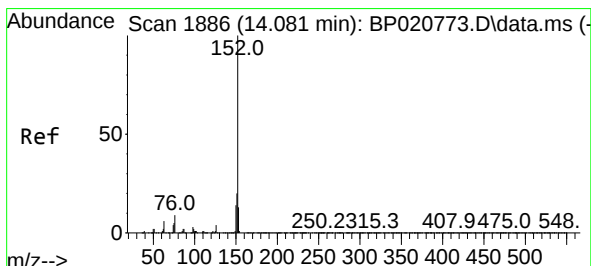
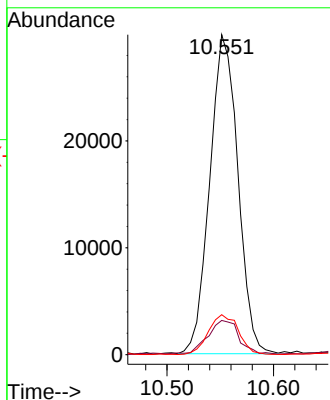
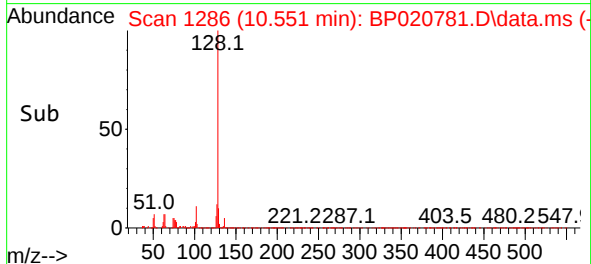
Instrument :
BNA_P
ClientSampleId :
A4CS4



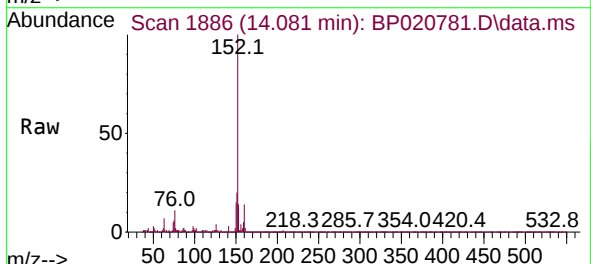
Tgt Ion:128 Resp: 54788
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.5 10.6 15.8

Manual Integrations
APPROVED

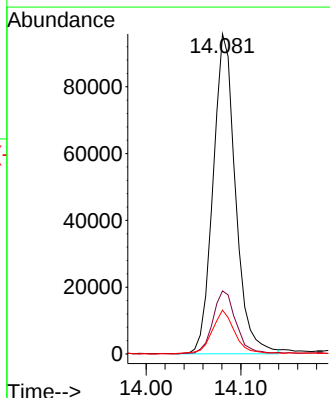
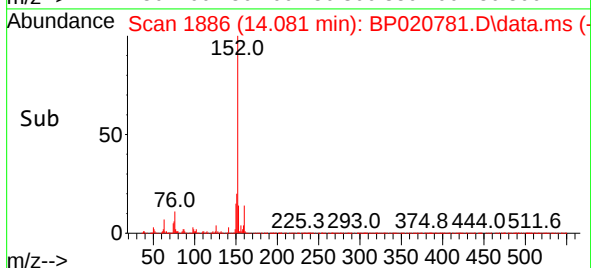
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

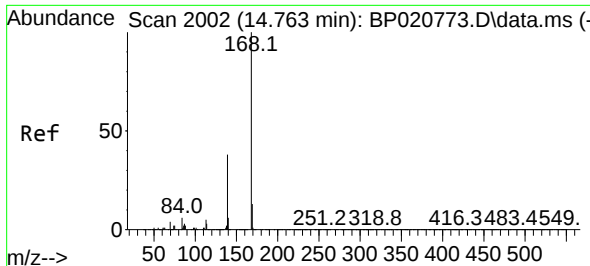


#50
Acenaphthylene
Concen: 3.636 ng/ul
RT: 14.081 min Scan# 1886
Delta R.T. 0.012 min
Lab File: BP020781.D
Acq: 03 Jul 2024 23:01



Tgt Ion:152 Resp: 157633
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.7 10.8 16.2





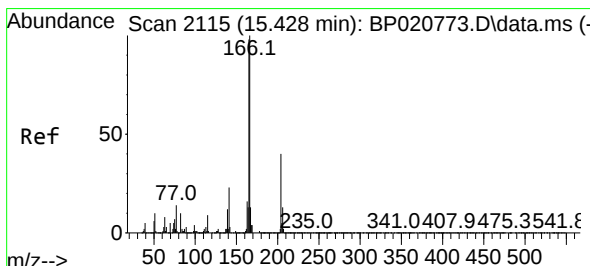
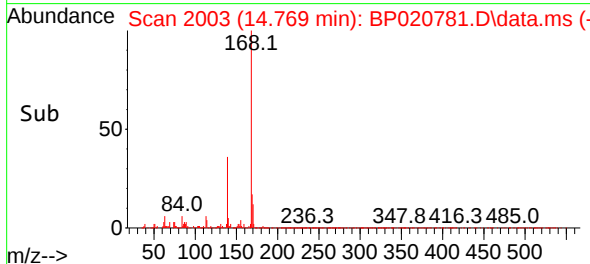
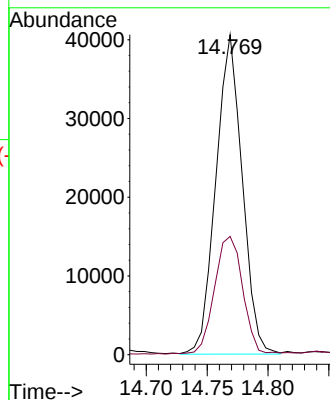
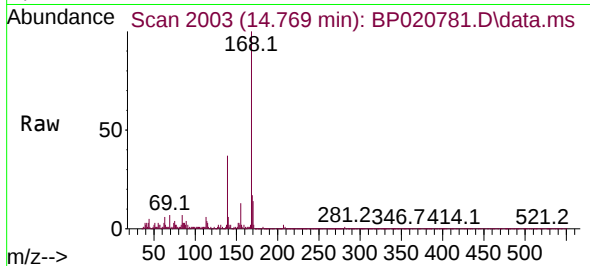
#56
Dibenzenofuran
Concen: 1.573 ng/ul
RT: 14.769 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BP020781.D
Acq: 03 Jul 2024 23:01

Instrument :
BNA_P
ClientSampleId :
A4CS4

Tgt Ion:168 Resp: 60968
Ion Ratio Lower Upper
168 100
139 36.9 30.7 46.1

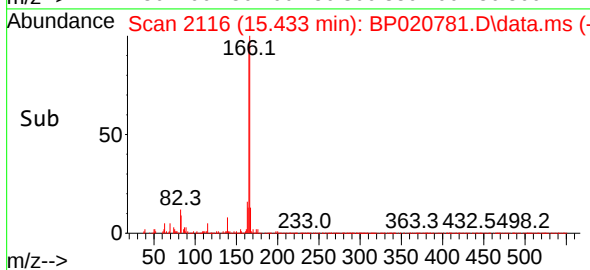
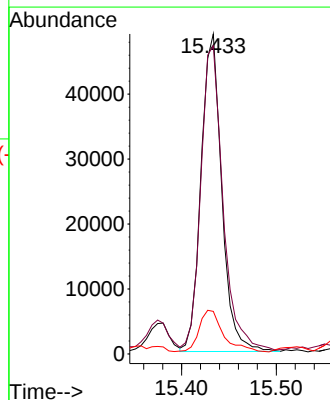
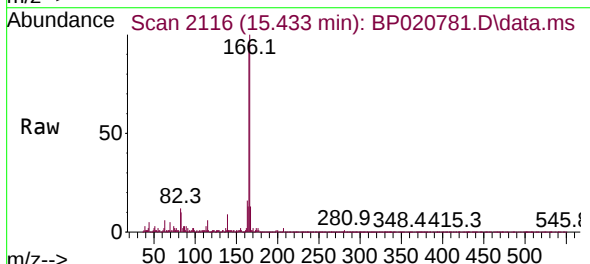
Manual Integrations
APPROVED

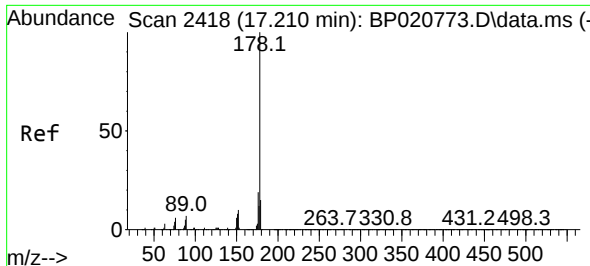
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#61
Fluorene
Concen: 2.382 ng/ul
RT: 15.433 min Scan# 2116
Delta R.T. 0.012 min
Lab File: BP020781.D
Acq: 03 Jul 2024 23:01

Tgt Ion:166 Resp: 74170
Ion Ratio Lower Upper
166 100
165 96.3 78.8 118.2
167 13.3 11.2 16.8





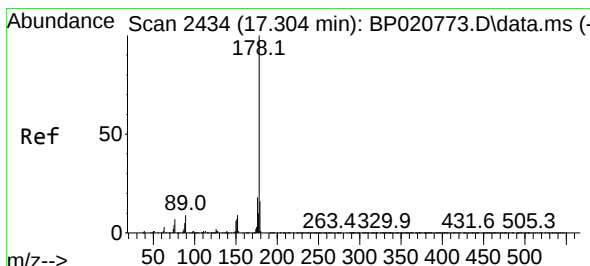
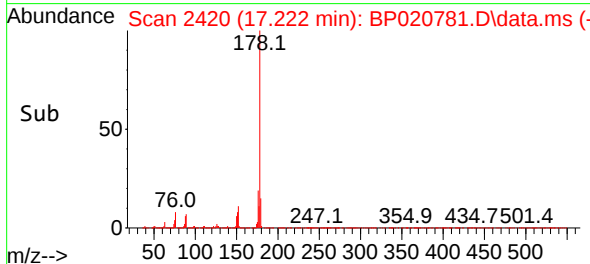
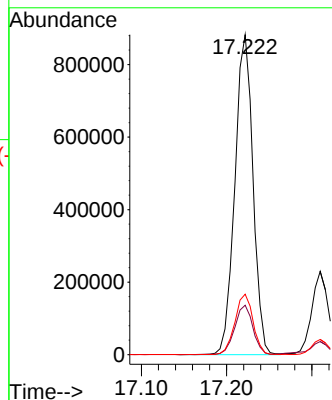
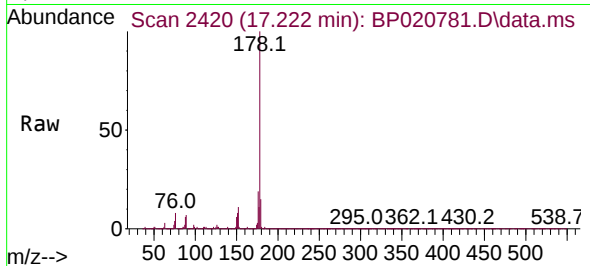
#72
Phenanthrene
Concen: 25.649 ng/u1
RT: 17.222 min Scan# 2419
Delta R.T. 0.017 min
Lab File: BP020781.D
Acq: 03 Jul 2024 23:01

Instrument :
BNA_P
ClientSampleId :
A4CS4

Tgt Ion:178 Resp: 130224
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 18.9 15.4 23.2

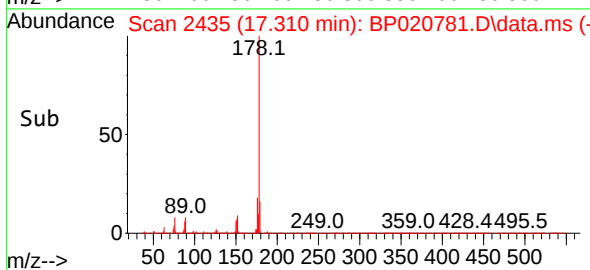
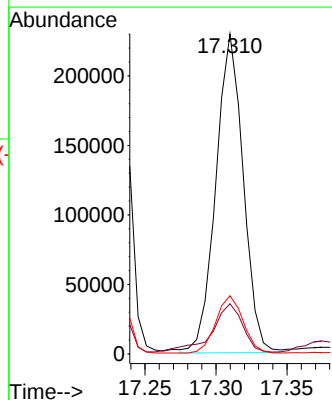
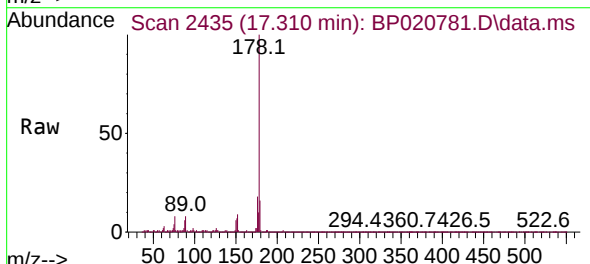
Manual Integrations
APPROVED

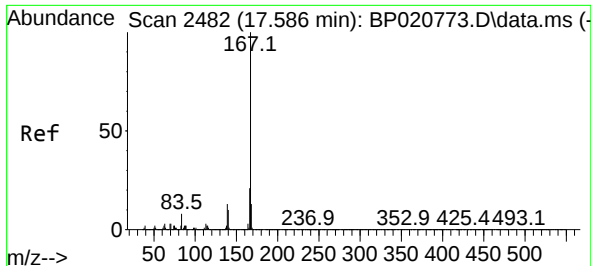
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#74
Anthracene
Concen: 5.886 ng/u1
RT: 17.310 min Scan# 2435
Delta R.T. 0.012 min
Lab File: BP020781.D
Acq: 03 Jul 2024 23:01

Tgt Ion:178 Resp: 307383
Ion Ratio Lower Upper
178 100
179 15.7 12.1 18.1
176 18.2 15.0 22.4





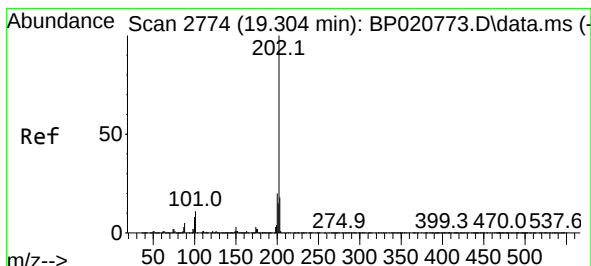
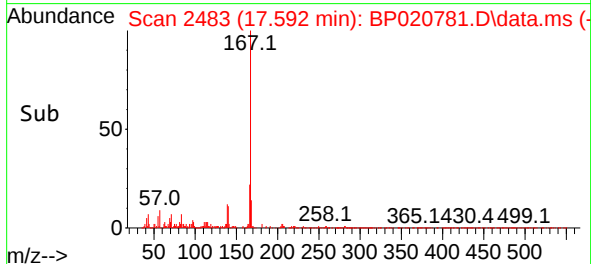
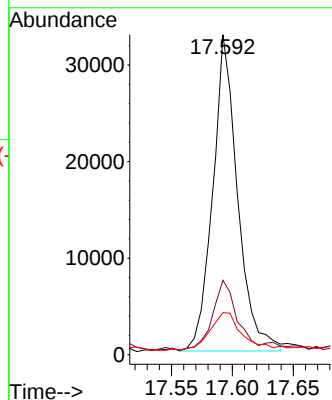
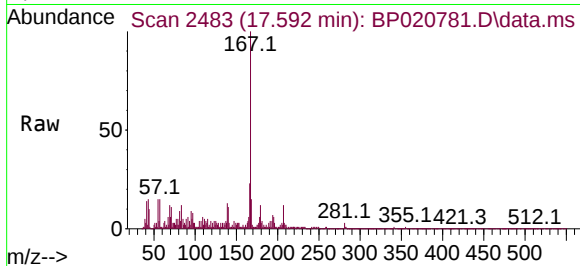
#77
 Carbazole
 Concen: 1.077 ng/ul
 RT: 17.592 min Scan# 2483
 Delta R.T. 0.006 min
 Lab File: BP020781.D
 Acq: 03 Jul 2024 23:01

Instrument :
 BNA_P
 ClientSampleId :
 A4CS4

Tgt Ion:167 Resp: 46430
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.2 25.8
 139 13.2 10.6 16.0

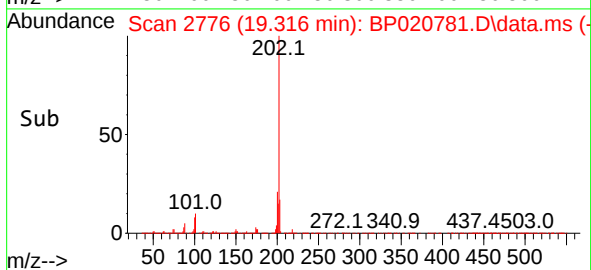
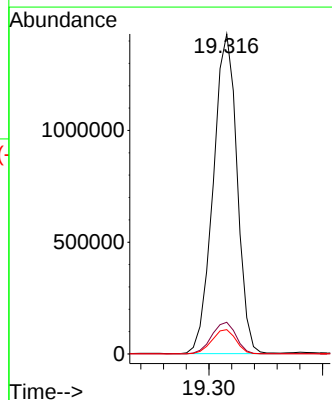
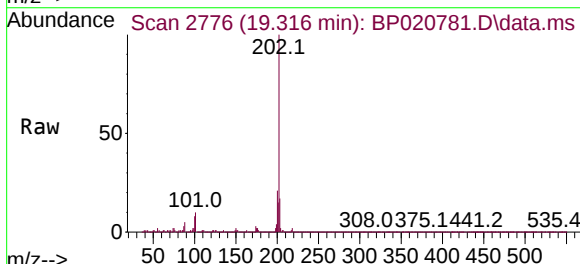
Manual Integrations
 APPROVED

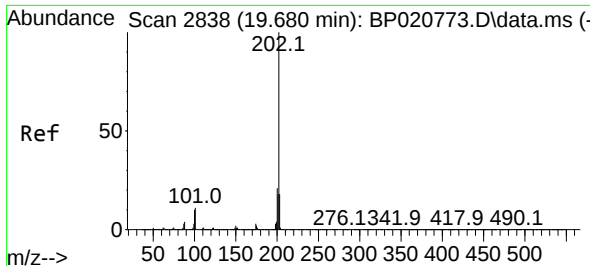
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#80
 Fluoranthene
 Concen: 33.633 ng/ul
 RT: 19.316 min Scan# 2776
 Delta R.T. 0.017 min
 Lab File: BP020781.D
 Acq: 03 Jul 2024 23:01

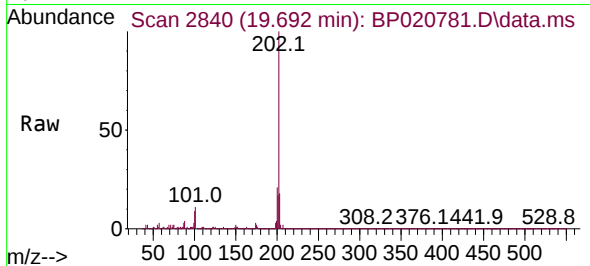
Tgt Ion:202 Resp: 2083464
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.2 12.4
 100 7.6 6.6 10.0





#82
Pyrene
Concen: 25.964 ng/ul
RT: 19.692 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP020781.D
Acq: 03 Jul 2024 23:01

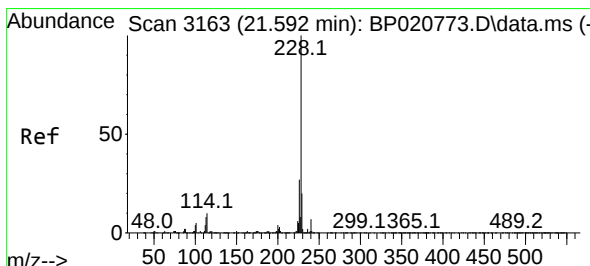
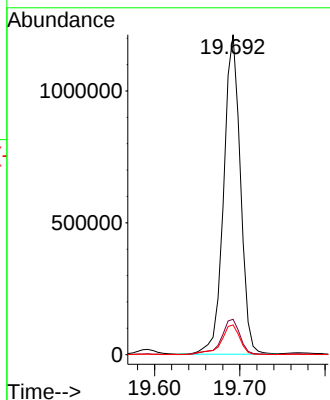
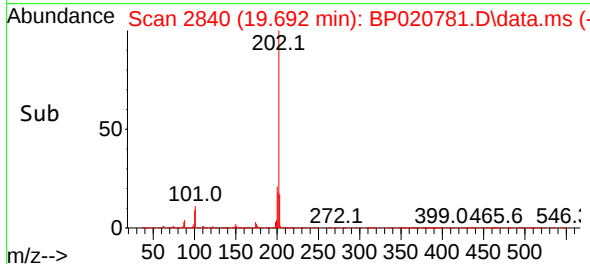
Instrument :
BNA_P
ClientSampleId :
A4CS4



Tgt Ion:202 Resp: 1649514
Ion Ratio Lower Upper
202 100
101 11.0 9.8 14.8
100 9.3 7.9 11.9

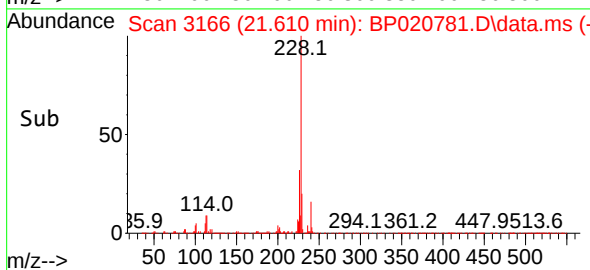
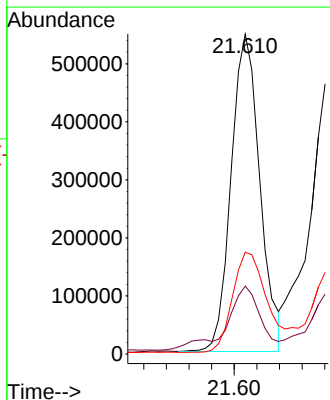
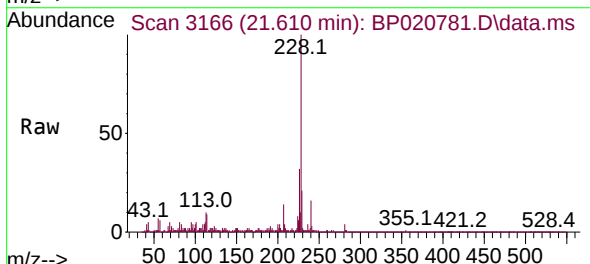
Manual Integrations
APPROVED

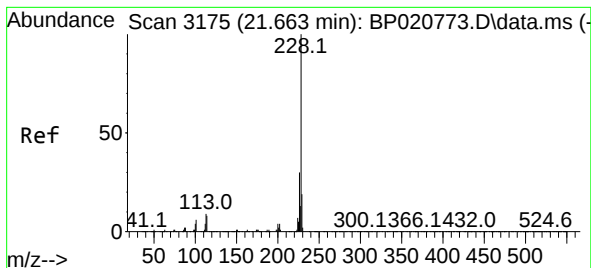
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#85
Benzo(a)anthracene
Concen: 16.317 ng/ul m
RT: 21.610 min Scan# 3166
Delta R.T. 0.012 min
Lab File: BP020781.D
Acq: 03 Jul 2024 23:01

Tgt Ion:228 Resp: 965468
Ion Ratio Lower Upper
228 100
229 21.2 15.2 22.8
226 31.8 21.1 31.7#





#87

Chrysene

Concen: 17.386 ng/u1

RT: 21.686 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP020781.D

Acq: 03 Jul 2024 23:01

Instrument :

BNA_P

ClientSampleId :

A4CS4

Tgt Ion:228 Resp: 97236

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

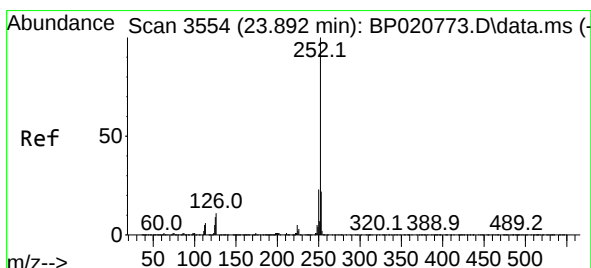
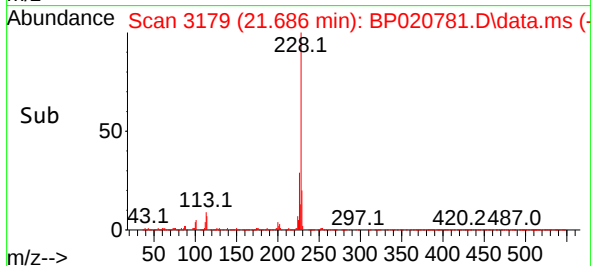
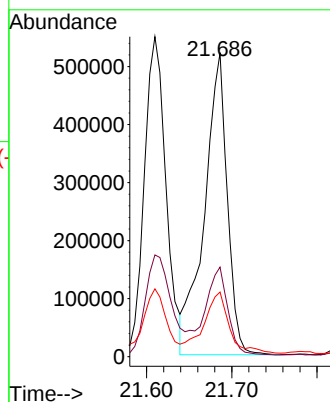
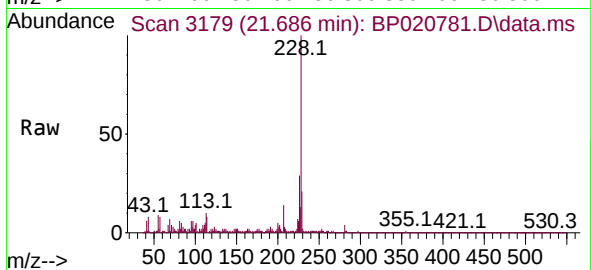
229 21.3 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#90

Benzo(b)fluoranthene

Concen: 19.783 ng/u1

RT: 23.927 min Scan# 3560

Delta R.T. 0.023 min

Lab File: BP020781.D

Acq: 03 Jul 2024 23:01

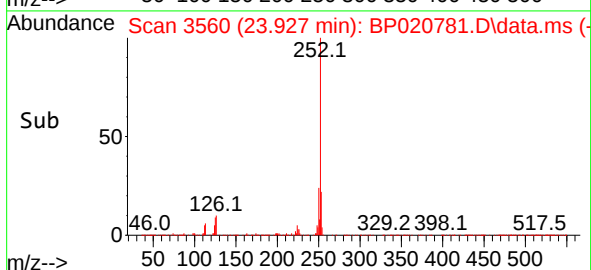
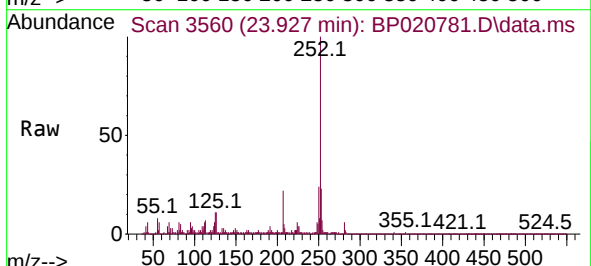
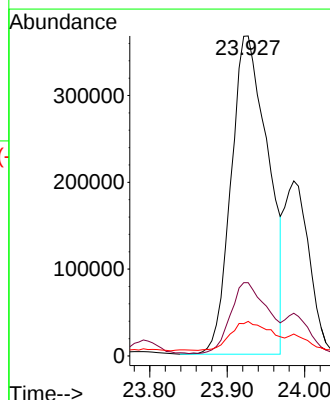
Tgt Ion:252 Resp: 1219547

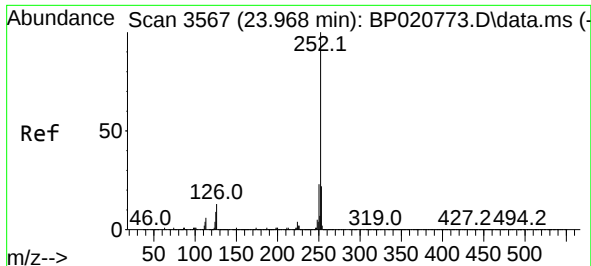
Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 10.8 7.9 11.9





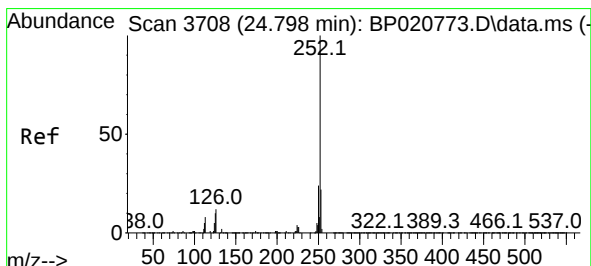
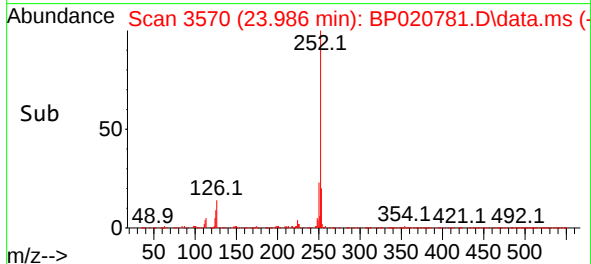
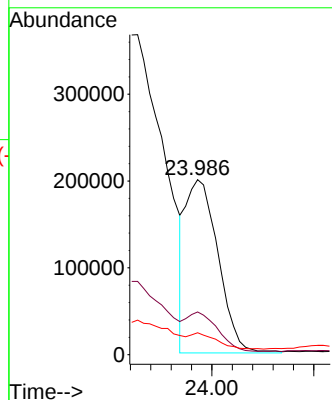
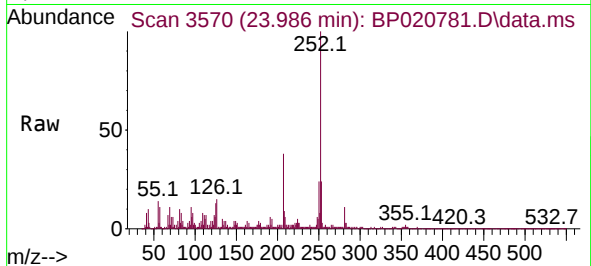
#91
Benzo(k)fluoranthene
Concen: 7.093 ng/ul m
RT: 23.986 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP020781.D
Acq: 03 Jul 2024 23:01

Instrument :
BNA_P
ClientSampleId :
A4CS4

Tgt Ion:252 Resp: 44230
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 12.5 7.9 11.9

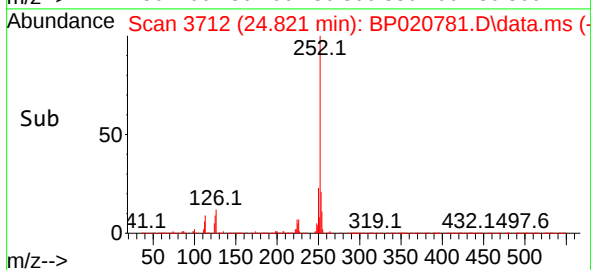
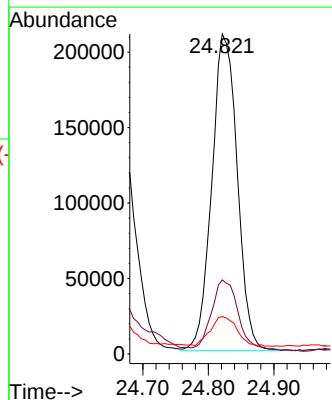
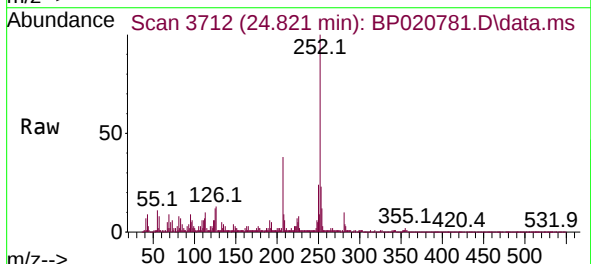
Manual Integrations
APPROVED

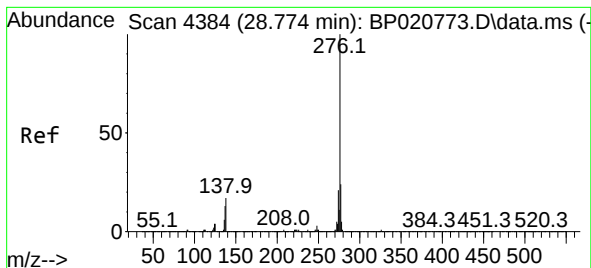
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#93
Benzo(a)pyrene
Concen: 9.696 ng/ul
RT: 24.821 min Scan# 3712
Delta R.T. 0.012 min
Lab File: BP020781.D
Acq: 03 Jul 2024 23:01

Tgt Ion:252 Resp: 564220
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 11.7 8.7 13.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.195 ng/ul

RT: 28.797 min Scan# 4401

Delta R.T. 0.035 min

Lab File: BP020781.D

Acq: 03 Jul 2024 23:01

Instrument :

BNA_P

ClientSampleId :

A4CS4

Tgt Ion:276 Resp: 53704

Ion Ratio Lower Upper

276 100

138 17.2 15.2 22.8

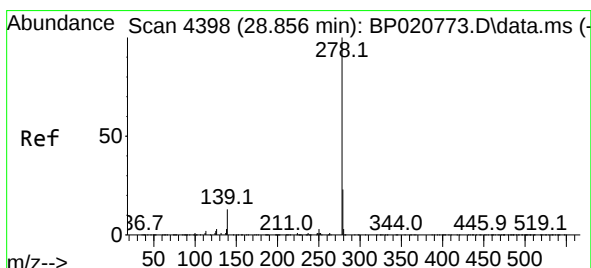
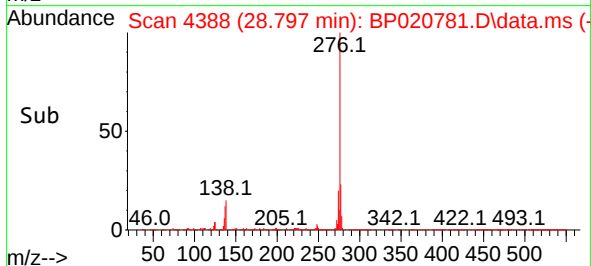
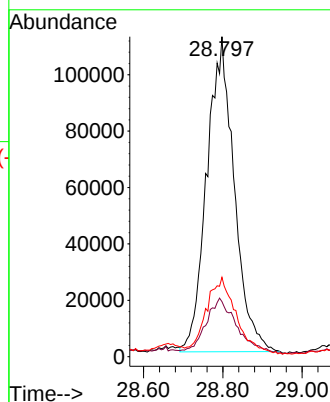
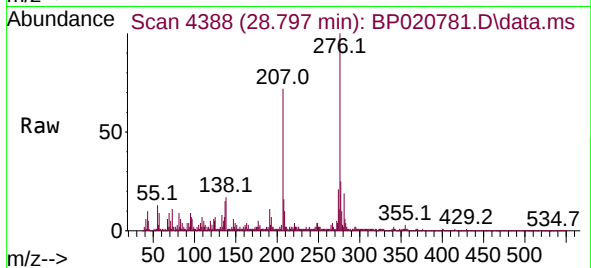
277 24.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.872 ng/ul m

RT: 28.874 min Scan# 4401

Delta R.T. 0.035 min

Lab File: BP020781.D

Acq: 03 Jul 2024 23:01

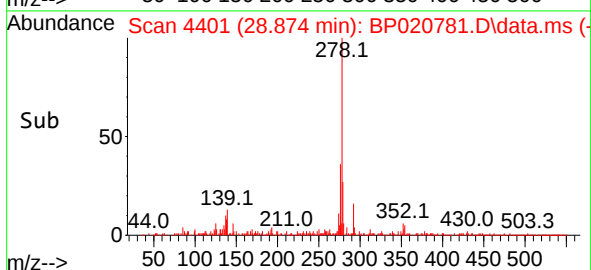
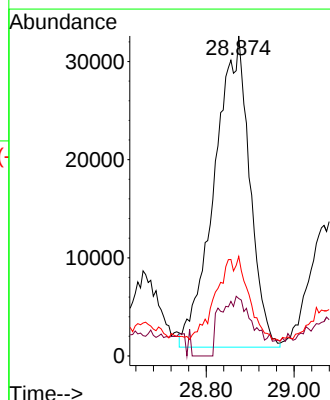
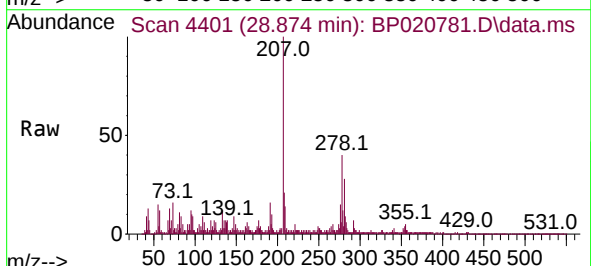
Tgt Ion:278 Resp: 176185

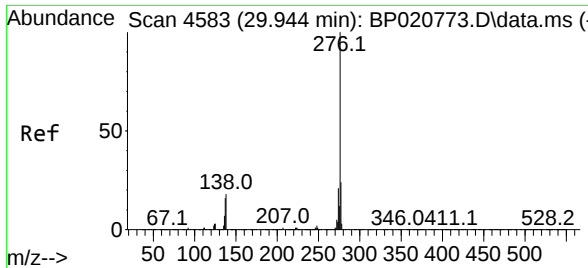
Ion Ratio Lower Upper

278 100

139 18.0 11.1 16.7#

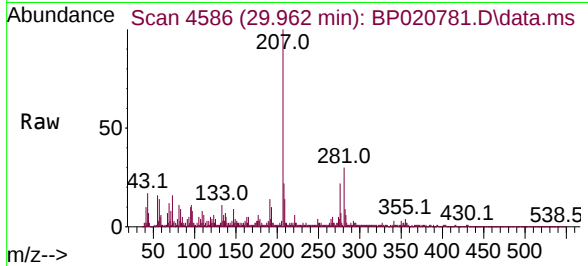
279 31.1 18.7 28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 1.443 ng/ul m
 RT: 29.962 min Scan# 4586
 Delta R.T. 0.023 min
 Lab File: BP020781.D
 Acq: 03 Jul 2024 23:01

Instrument :
 BNA_P
 ClientSampleId :
 A4CS4



Tgt Ion:	276	Resp:	8792
Ion Ratio	Lower	Upper	
276	100		
138	23.1	16.4	24.6
277	29.8	18.7	28.1

Manual Integrations
 APPROVED

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

