

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021041.D
 Acq On : 18 Jul 2024 08:38
 Operator : MA/JU
 Sample : P3215-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4C00

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 09:06:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 06:57:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	219249	20.000	ng/u1	0.01
20) Naphthalene-d8	10.457	136	902178	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	603714	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	1287576	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1109008	20.000	ng/u1	0.04
88) Perylene-d12	24.927	264	1344448	20.000	ng/u1	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	14438	2.997	ng/uL	0.00
4) Pyridine-d5	3.675	84	23438	1.680	ng/u1	0.02
7) Phenol-d5	6.922	99	320457	17.928	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.046	67	219935	20.303	ng/u1	0.01
11) 2-Chlorophenol-d4	7.252	132	288709	19.604	ng/u1	0.02
15) 4-Methylphenol-d8	8.434	113	43648m	2.940	ng/u1	0.04
21) Nitrobenzene-d5	8.852	128	159513	22.764	ng/u1	0.02
24) 2-Nitrophenol-d4	9.557	143	188164	23.461	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.116	165	267802	18.466	ng/u1	0.04
31) 4-Chloroaniline-d4	10.622	131	72526m	3.775	ng/u1	0.02
46) Dimethylphthalate-d6	13.728	166	1058126	24.110	ng/u1	0.01
49) Acenaphthylene-d8	14.010	160	1174426	23.832	ng/u1	0.01
54) 4-Nitrophenol-d4	14.616	143	132502m	21.220	ng/u1	0.04
60) Fluorene-d10	15.334	176	905962	25.163	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.492	200	83497	10.718	ng/u1	0.03
73) Anthracene-d10	17.239	188	1344912	23.517	ng/u1	0.01
81) Pyrene-d10	19.622	212	1193274	17.404	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.692	264	761731	11.488	ng/u1	0.05
Target Compounds						Qvalue
30) Naphthalene	10.504	128	375127	7.905	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	86881	2.667	ng/u1	97
37) 1-Methylnaphthalene	12.334	142	49921	1.490	ng/u1	98
52) Acenaphthene	14.387	153	361611	9.765	ng/u1	99
56) Dibenzofuran	14.728	168	433441	8.547	ng/u1	97
61) Fluorene	15.386	166	544515	13.158	ng/u1	98
72) Phenanthrene	17.180	178	7849230	117.513	ng/u1	99
74) Anthracene	17.275	178	1815407	26.660	ng/u1	100
77) Carbazole	17.563	167	870883	15.645	ng/u1	99
80) Fluoranthene	19.286	202	9756828	117.835	ng/u1	98
82) Pyrene	19.657	202	5460058	64.802	ng/u1	98
85) Benzo(a)anthracene	21.580	228	3927755	50.559	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.480	149	74784	1.480	ng/u1#	98
87) Chrysene	21.645	228	3600922	49.883	ng/u1	97
90) Benzo(b)fluoranthene	23.874	252	4464649	54.722	ng/u1	98
91) Benzo(k)fluoranthene	23.933	252	1734636m	21.304	ng/u1	
93) Benzo(a)pyrene	24.757	252	1211725	15.717	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.739	276	1296471	13.050	ng/u1	96
95) Dibenzo(a,h)anthracene	28.786	278	579078m	7.039	ng/u1	
96) Benzo(g,h,i)perylene	29.897	276	178486m	2.206	ng/u1	

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

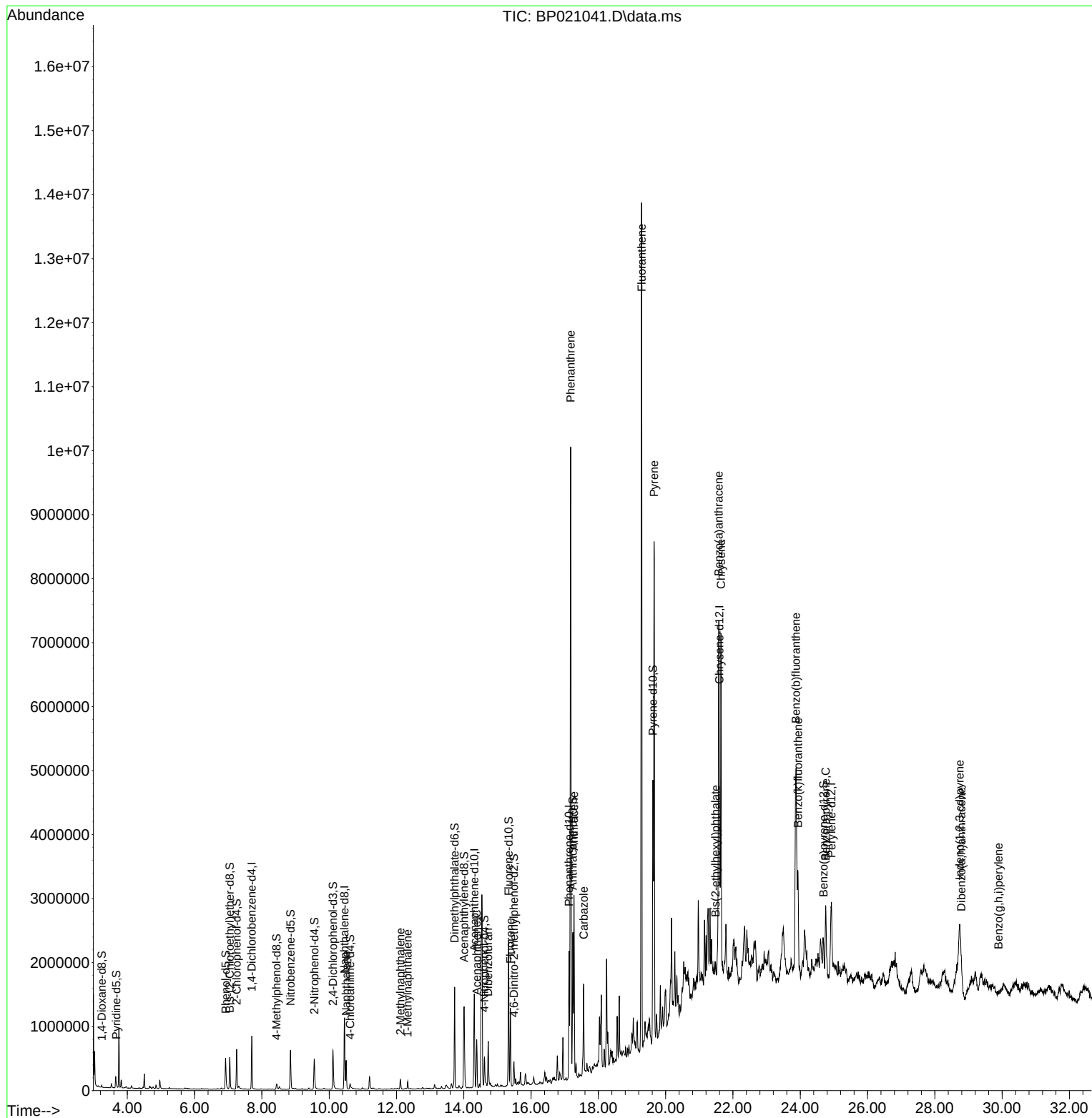
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021041.D
Acq On : 18 Jul 2024 08:38
Operator : MA/JU
Sample : P3215-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

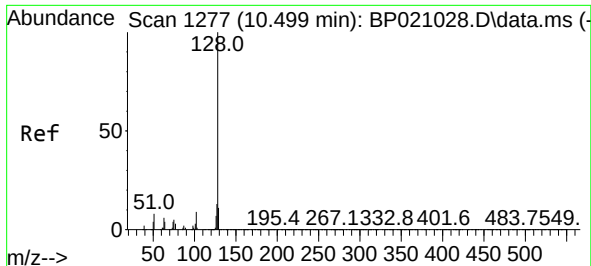
Instrument :
BNA_P
ClientSampleId :
A4C00

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 09:06:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 06:57:29 2024
Response via : Initial Calibration





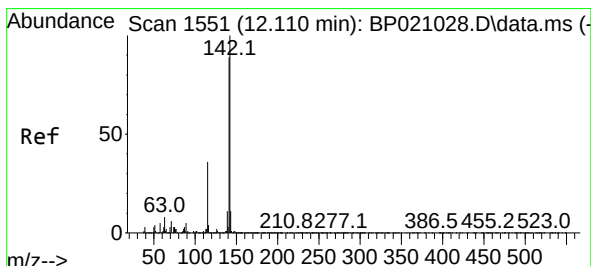
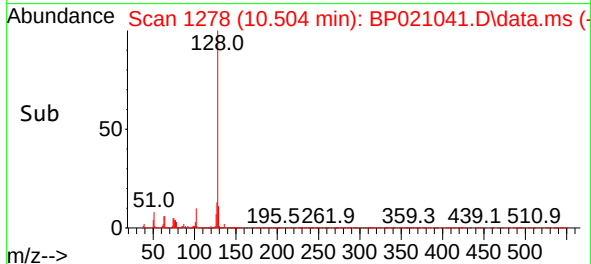
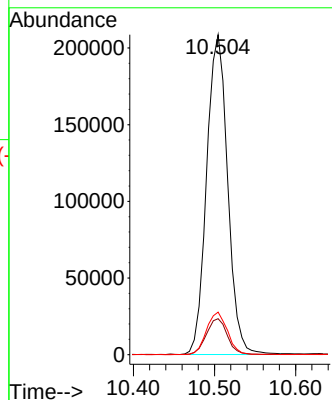
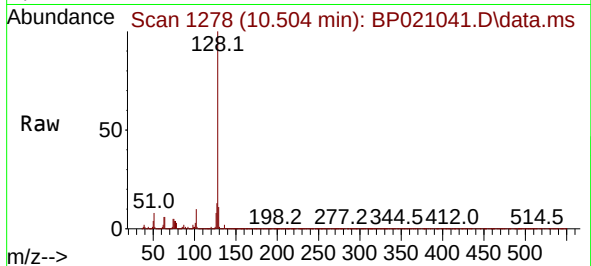
#30
Naphthalene
Concen: 7.905 ng/ul
RT: 10.504 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BP021041.D
Acq: 18 Jul 2024 08:38

Instrument :
BNA_P
ClientSampleId :
A4C00

Tgt Ion:128 Resp: 37512
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.8 16.2

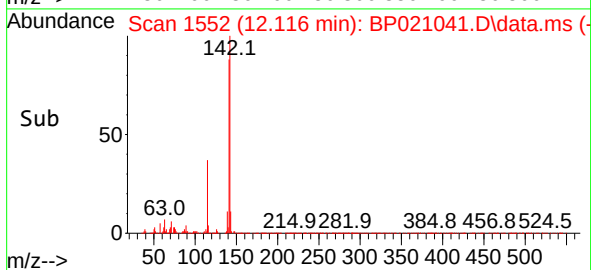
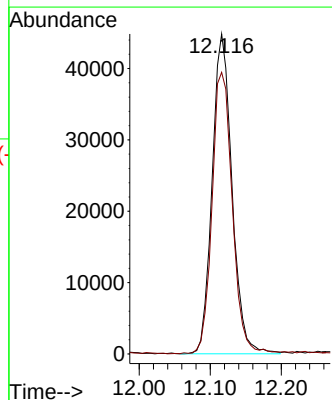
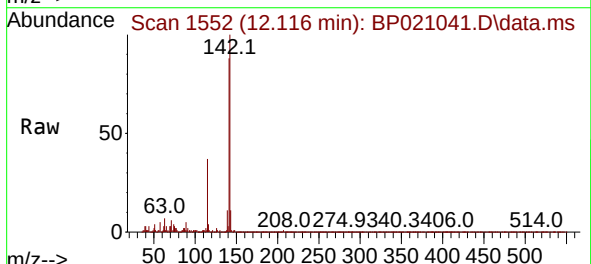
Manual Integrations
APPROVED

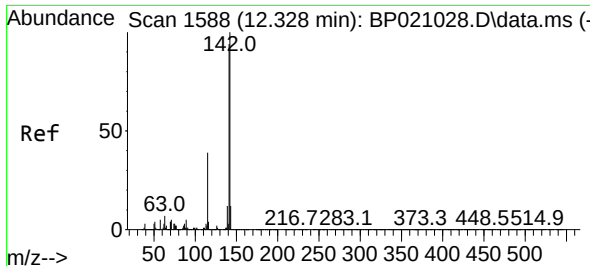
Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#36
2-Methylnaphthalene
Concen: 2.667 ng/ul
RT: 12.116 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BP021041.D
Acq: 18 Jul 2024 08:38

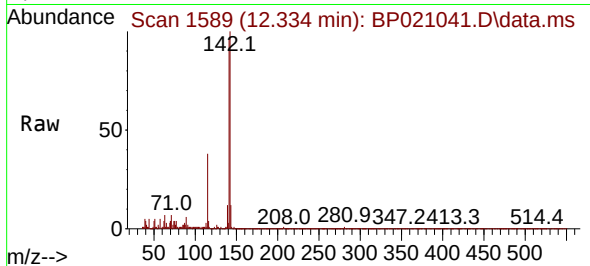
Tgt Ion:142 Resp: 86881
Ion Ratio Lower Upper
142 100
141 88.0 72.6 108.8





#37
1-Methylnaphthalene
Concen: 1.490 ng/ul
RT: 12.334 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BP021041.D
Acq: 18 Jul 2024 08:38

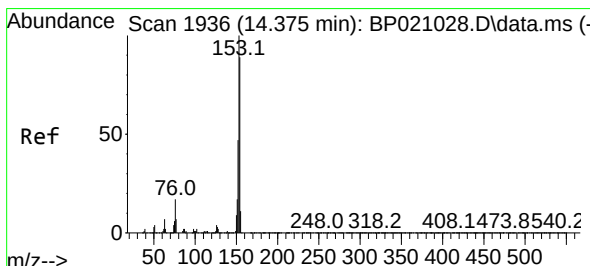
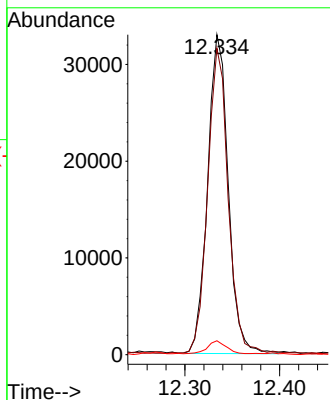
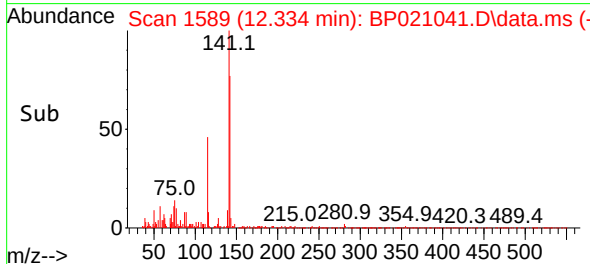
Instrument :
BNA_P
ClientSampleId :
A4C00



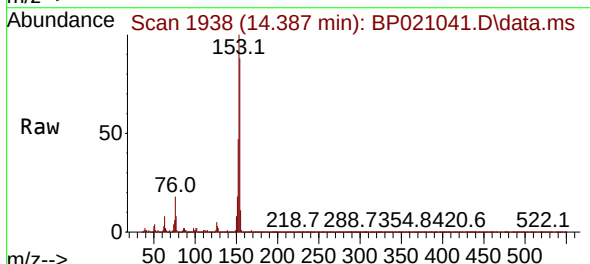
Tgt Ion:142 Resp: 4992
Ion Ratio Lower Upper
142 100
141 95.7 75.0 112.6
116 4.3 3.2 4.8

Manual Integrations
APPROVED

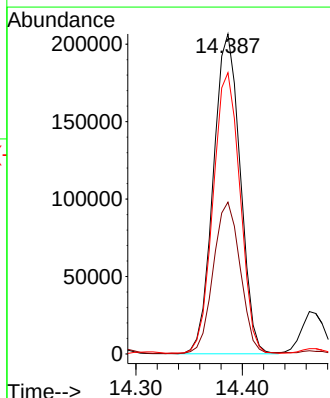
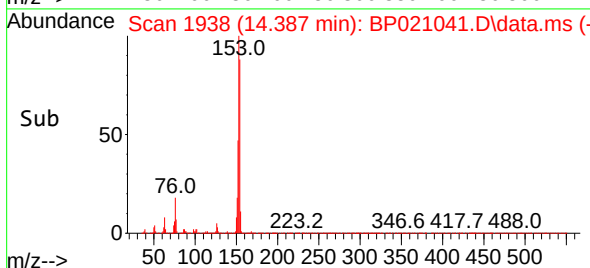
Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

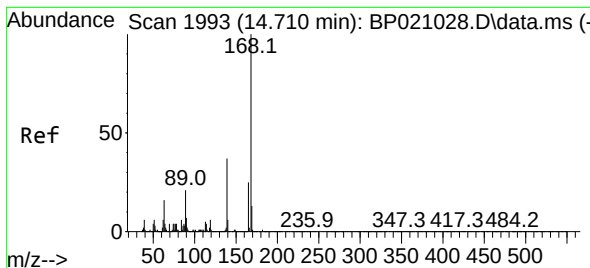


#52
Acenaphthene
Concen: 9.765 ng/ul
RT: 14.387 min Scan# 1938
Delta R.T. 0.012 min
Lab File: BP021041.D
Acq: 18 Jul 2024 08:38



Tgt Ion:153 Resp: 361611
Ion Ratio Lower Upper
153 100
152 47.5 37.8 56.6
154 87.9 71.8 107.6





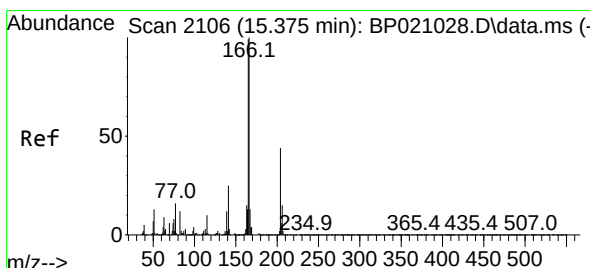
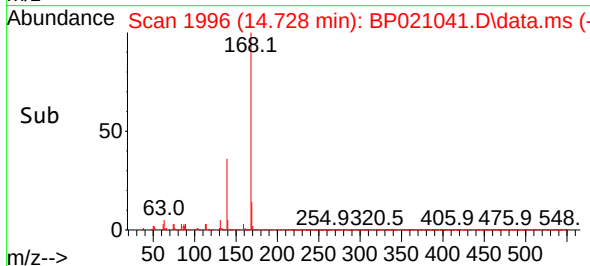
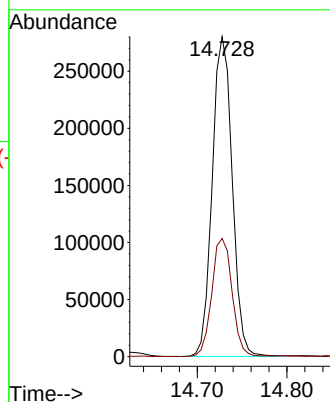
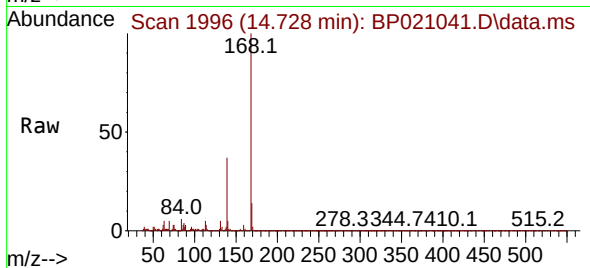
#56
Dibenzenofuran
Concen: 8.547 ng/ul
RT: 14.728 min Scan# 1996
Delta R.T. 0.018 min
Lab File: BP021041.D
Acq: 18 Jul 2024 08:38

Instrument :
BNA_P
ClientSampleId :
A4C00

Tgt Ion:168 Resp: 43344
Ion Ratio Lower Upper
168 100
139 37.0 31.1 46.7

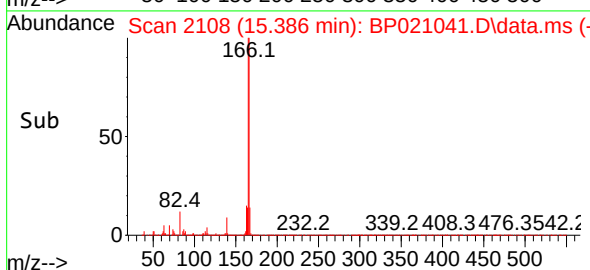
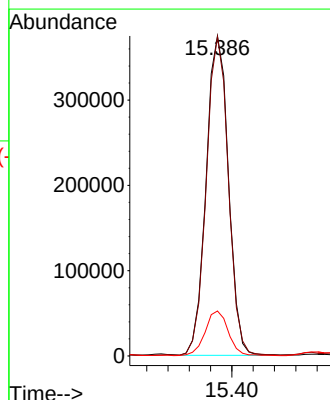
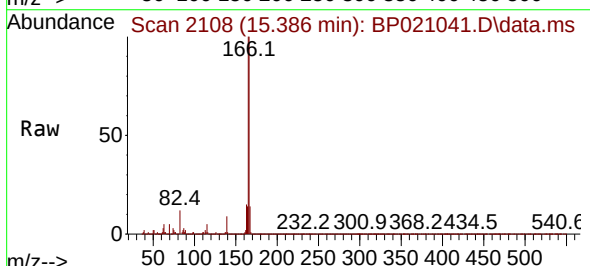
Manual Integrations
APPROVED

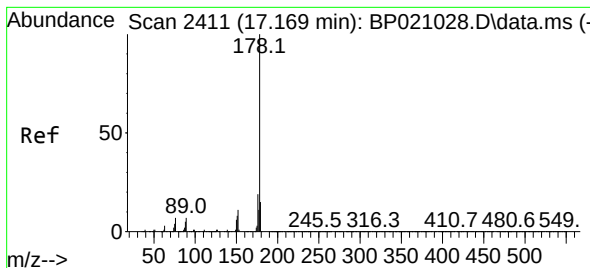
Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#61
Fluorene
Concen: 13.158 ng/ul
RT: 15.386 min Scan# 2108
Delta R.T. 0.012 min
Lab File: BP021041.D
Acq: 18 Jul 2024 08:38

Tgt Ion:166 Resp: 544515
Ion Ratio Lower Upper
166 100
165 99.8 78.1 117.1
167 14.0 10.9 16.3





#72

Phenanthrene

Concen: 117.513 ng/ul

RT: 17.180 min Scan# 2411

Delta R.T. 0.012 min

Lab File: BP021041.D

Acq: 18 Jul 2024 08:38

Instrument :

BNA_P

ClientSampleId :

A4C00

Tgt Ion:178 Resp: 7849230

Ion Ratio Lower Upper

178 100

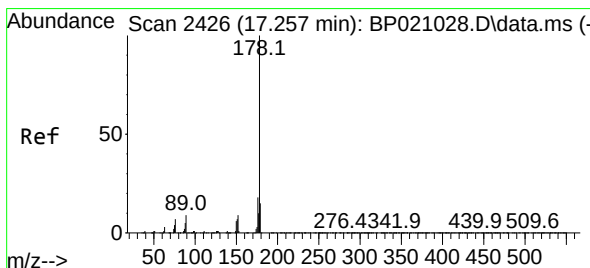
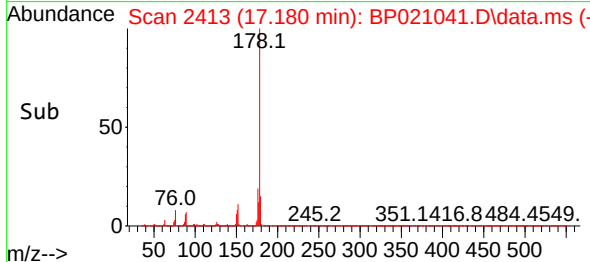
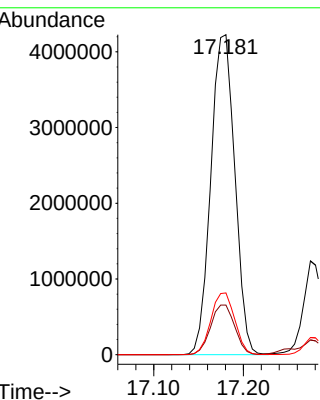
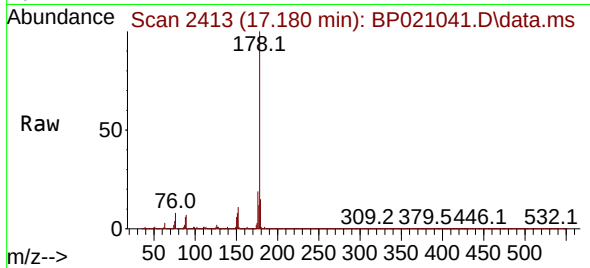
179 15.5 12.2 18.4

176 19.3 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#74

Anthracene

Concen: 26.660 ng/ul

RT: 17.275 min Scan# 2429

Delta R.T. 0.017 min

Lab File: BP021041.D

Acq: 18 Jul 2024 08:38

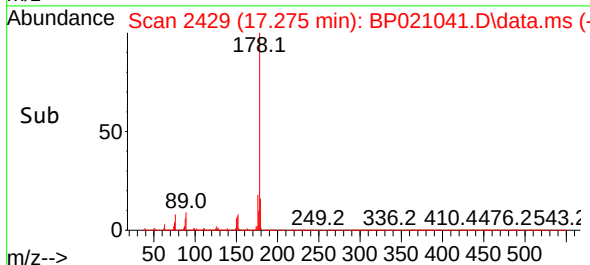
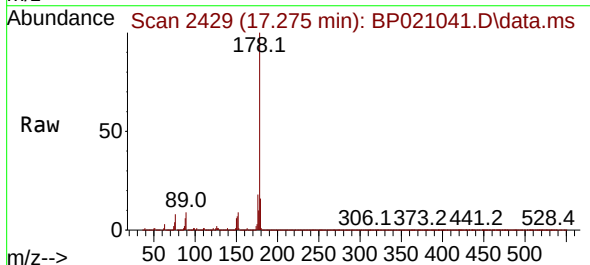
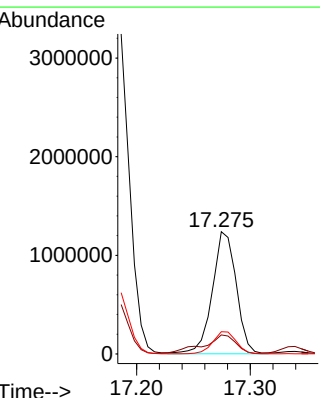
Tgt Ion:178 Resp: 1815407

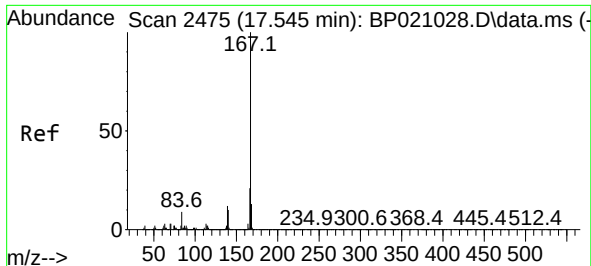
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

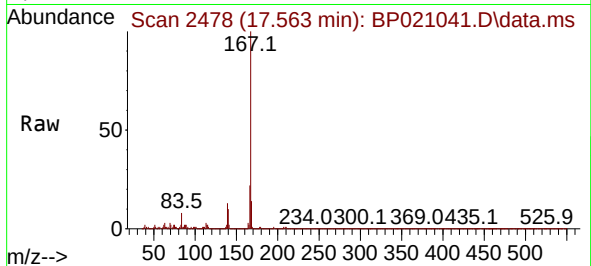
176 18.2 14.8 22.2





#77
 Carbazole
 Concen: 15.645 ng/ul
 RT: 17.563 min Scan# 2475
 Delta R.T. 0.017 min
 Lab File: BP021041.D
 Acq: 18 Jul 2024 08:38

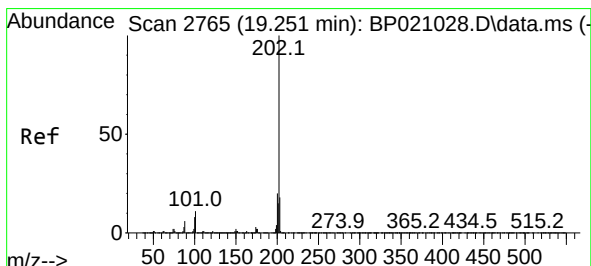
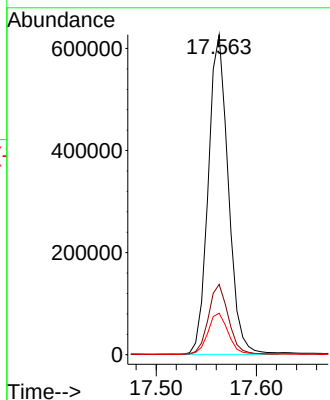
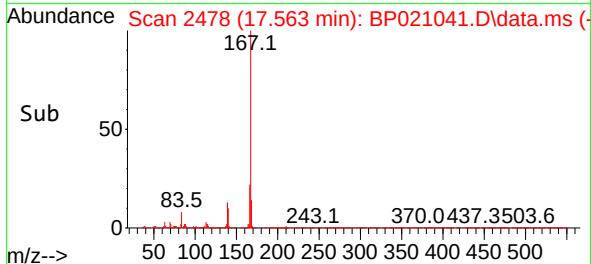
Instrument :
 BNA_P
 ClientSampleId :
 A4C00



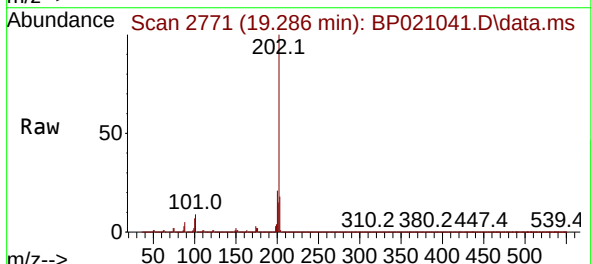
Tgt Ion:167 Resp: 87088
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 12.9 10.2 15.2

Manual Integrations
 APPROVED

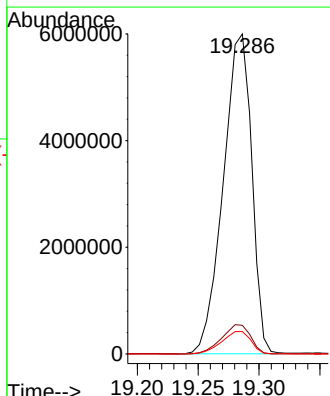
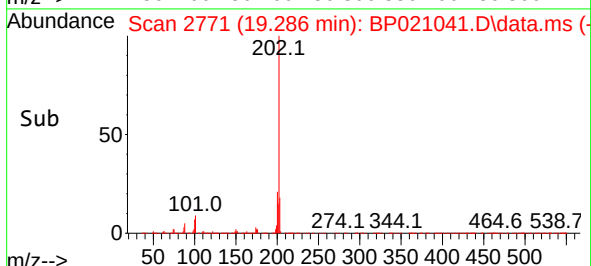
Reviewed By :Jagrut Upadhyay 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

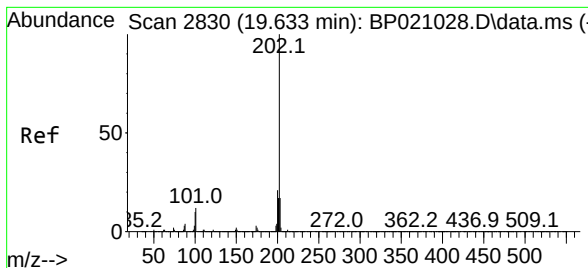


#80
 Fluoranthene
 Concen: 117.835 ng/ul
 RT: 19.286 min Scan# 2771
 Delta R.T. 0.035 min
 Lab File: BP021041.D
 Acq: 18 Jul 2024 08:38



Tgt Ion:202 Resp: 9756828
 Ion Ratio Lower Upper
 202 100
 101 9.0 8.0 12.0
 100 7.0 6.1 9.1





#82

Pyrene

Concen: 64.802 ng/ul

RT: 19.657 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP021041.D

Acq: 18 Jul 2024 08:38

Instrument :

BNA_P

ClientSampleId :

A4C00

Tgt Ion:202 Resp: 546005

Ion Ratio Lower Upper

202 100

101 11.0 9.4 14.2

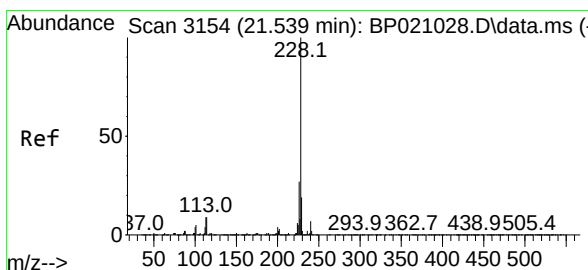
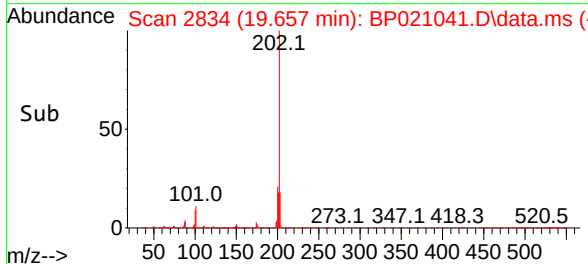
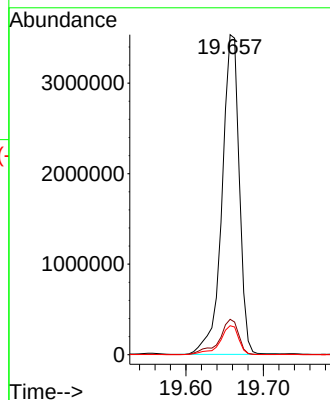
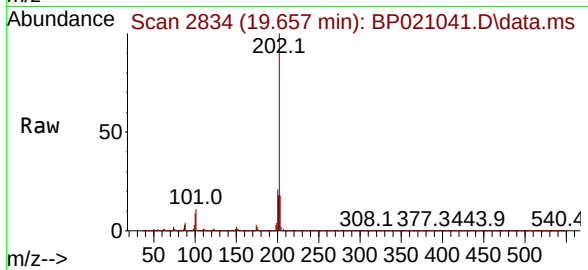
100 9.0 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#85

Benzo(a)anthracene

Concen: 50.559 ng/ul

RT: 21.580 min Scan# 3161

Delta R.T. 0.041 min

Lab File: BP021041.D

Acq: 18 Jul 2024 08:38

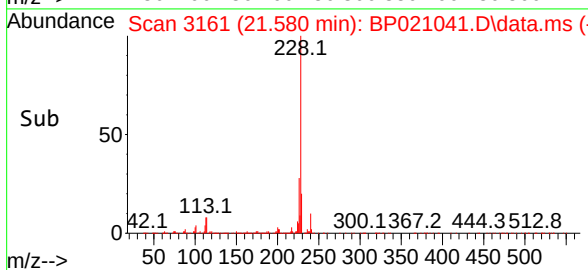
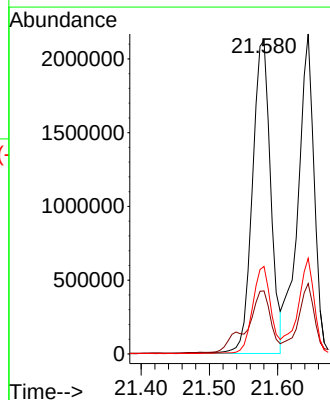
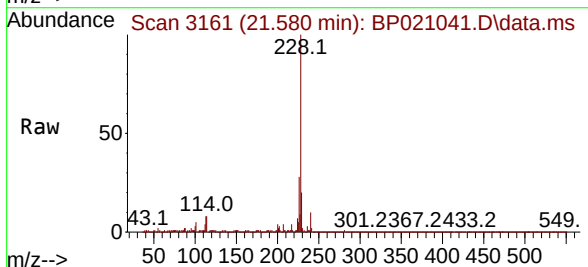
Tgt Ion:228 Resp: 3927755

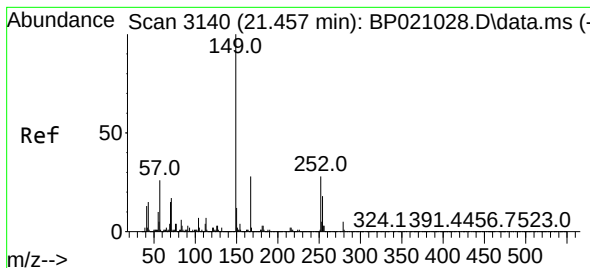
Ion Ratio Lower Upper

228 100

229 20.1 15.5 23.3

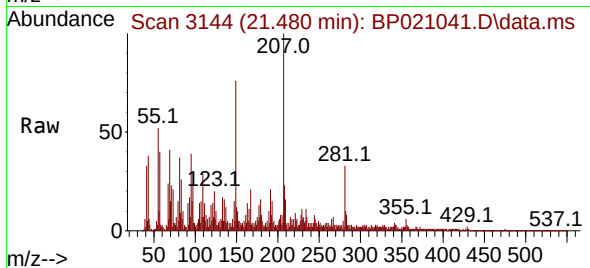
226 27.9 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.480 ng/ul
RT: 21.480 min Scan# 3144
Delta R.T. 0.023 min
Lab File: BP021041.D
Acq: 18 Jul 2024 08:38

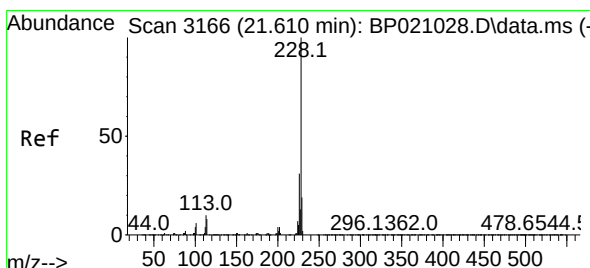
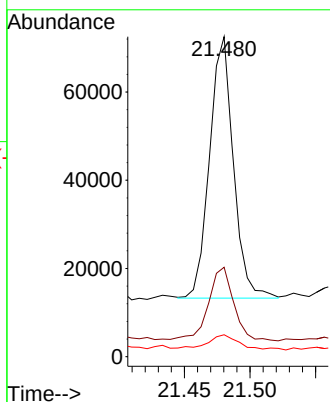
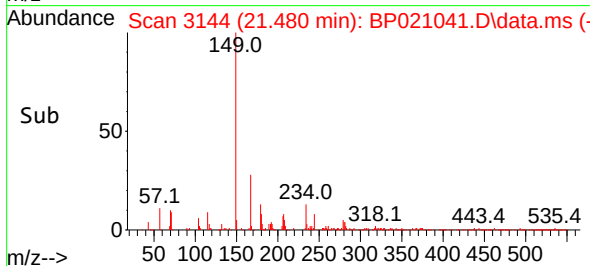
Instrument :
BNA_P
ClientSampleId :
A4C00



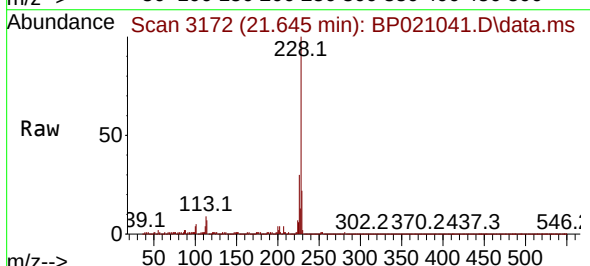
Tgt Ion:149 Resp: 74784
Ion Ratio Lower Upper
149 100
167 28.0 22.1 33.1
279 6.9 3.7 5.5

Manual Integrations
APPROVED

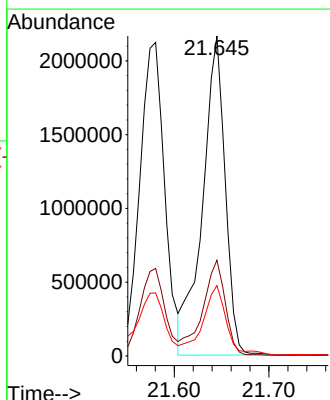
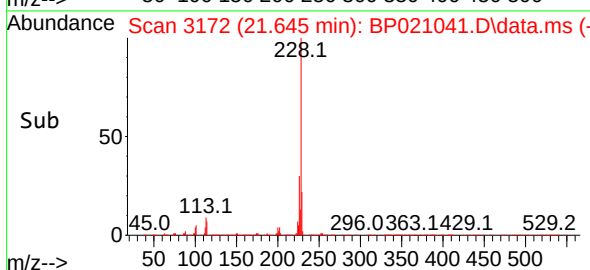
Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

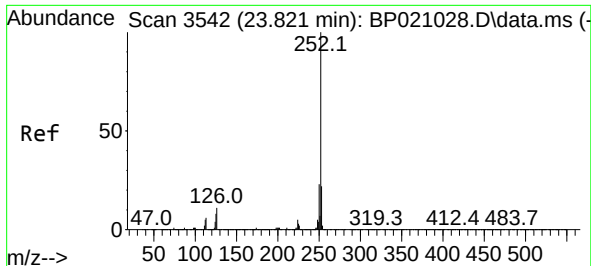


#87
Chrysene
Concen: 49.883 ng/ul
RT: 21.645 min Scan# 3172
Delta R.T. 0.035 min
Lab File: BP021041.D
Acq: 18 Jul 2024 08:38



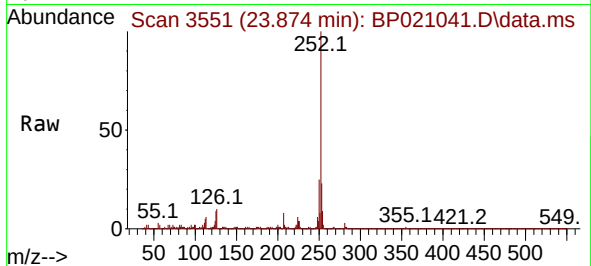
Tgt Ion:228 Resp: 3600922
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 22.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 54.722 ng/ul
RT: 23.874 min Scan# 3551
Delta R.T. 0.053 min
Lab File: BP021041.D
Acq: 18 Jul 2024 08:38

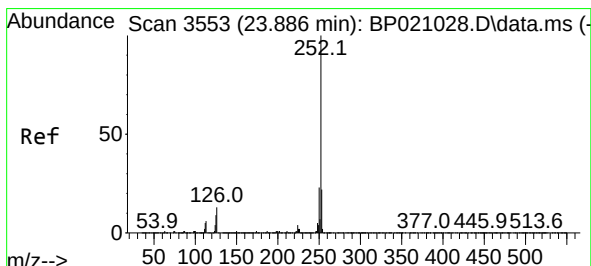
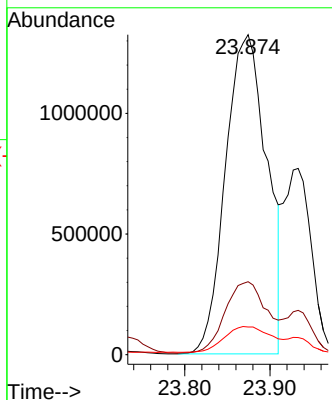
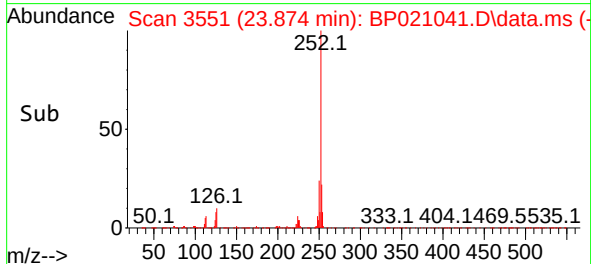
Instrument :
BNA_P
ClientSampleId :
A4C00



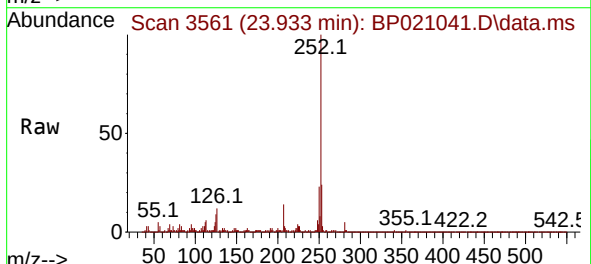
Tgt Ion:252 Resp: 4464649
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 8.7 7.0 10.4

Manual Integrations
APPROVED

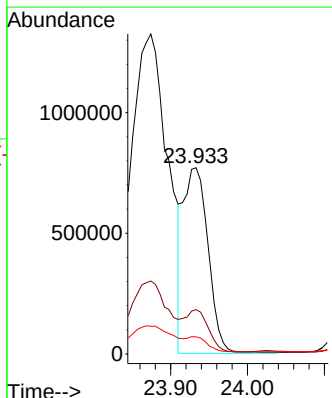
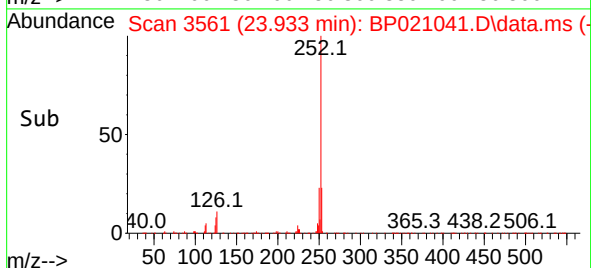
Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

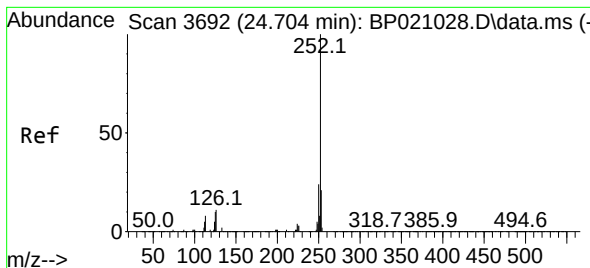


#91
Benzo(k)fluoranthene
Concen: 21.304 ng/ul m
RT: 23.933 min Scan# 3561
Delta R.T. 0.047 min
Lab File: BP021041.D
Acq: 18 Jul 2024 08:38



Tgt Ion:252 Resp: 1734636
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.2
125 9.2 7.4 11.0





#93

Benzo(a)pyrene

Concen: 15.717 ng/ul

RT: 24.757 min Scan# 31

Delta R.T. 0.053 min

Lab File: BP021041.D

Acq: 18 Jul 2024 08:38

Instrument :

BNA_P

ClientSampleId :

A4C00

Tgt Ion:252 Resp: 121172

Ion Ratio Lower Upper

252 100

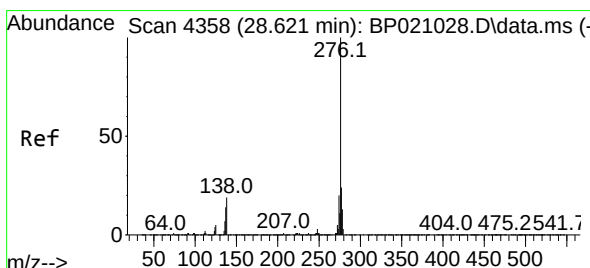
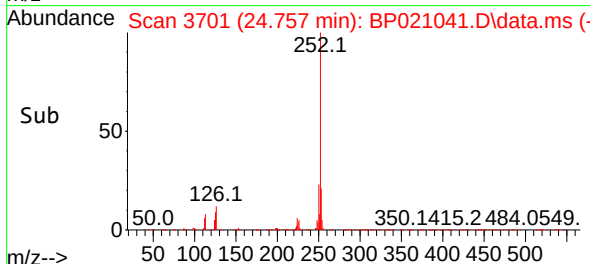
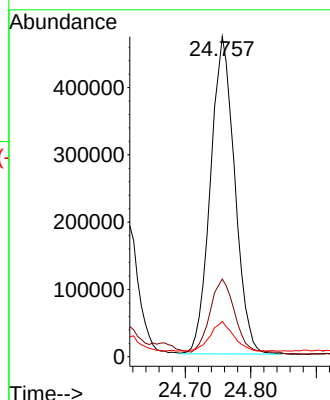
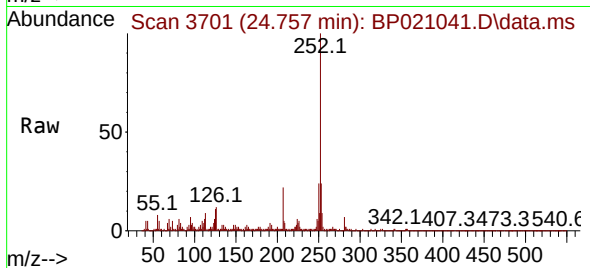
253 24.3 17.4 26.0

125 11.1 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 13.050 ng/ul

RT: 28.739 min Scan# 4378

Delta R.T. 0.117 min

Lab File: BP021041.D

Acq: 18 Jul 2024 08:38

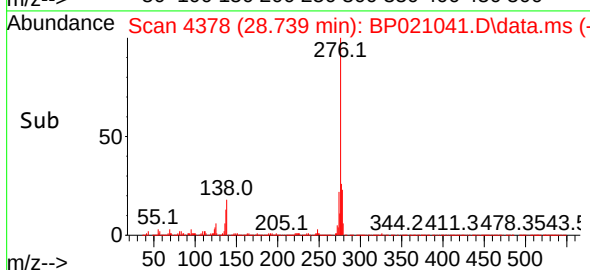
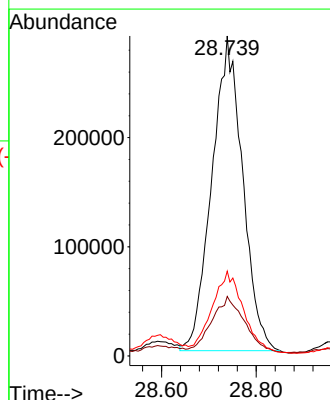
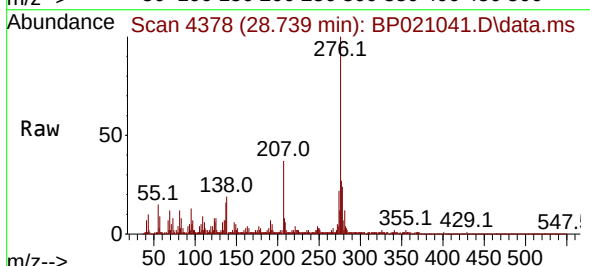
Tgt Ion:276 Resp: 1296471

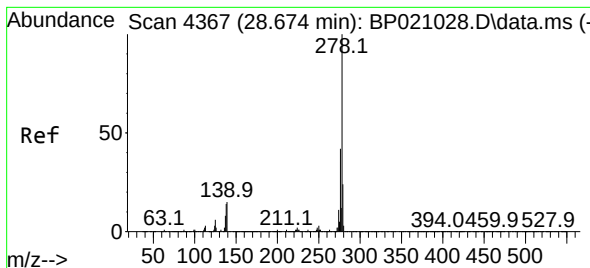
Ion Ratio Lower Upper

276 100

138 18.6 14.3 21.5

277 26.5 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 7.039 ng/ul m

RT: 28.786 min Scan# 4367

Delta R.T. 0.112 min

Lab File: BP021041.D

Acq: 18 Jul 2024 08:38

Instrument :

BNA_P

ClientSampleId :

A4C00

Tgt Ion:278 Resp: 579078

Ion Ratio Lower Upper

278 100

139 15.6 10.9 16.3

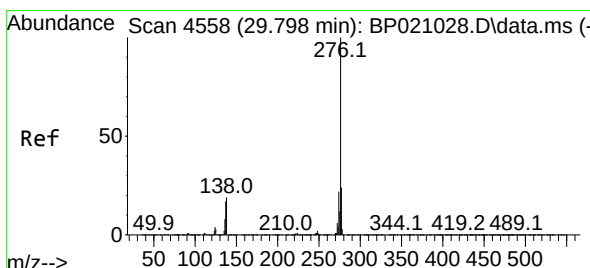
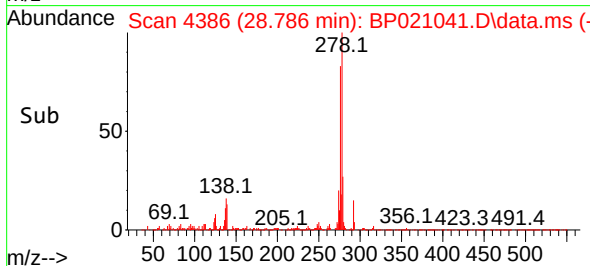
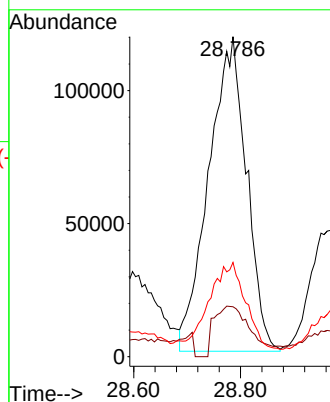
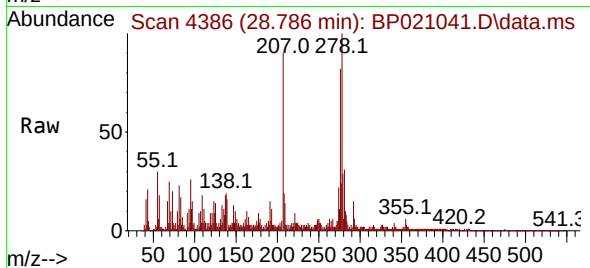
279 29.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#96

Benzo(g,h,i)perylene

Concen: 2.206 ng/ul m

RT: 29.897 min Scan# 4575

Delta R.T. 0.100 min

Lab File: BP021041.D

Acq: 18 Jul 2024 08:38

Tgt Ion:276 Resp: 178486

Ion Ratio Lower Upper

276 100

138 20.5 15.3 22.9

277 28.5 18.2 27.2#

