

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021038.D
 Acq On : 18 Jul 2024 06:30
 Operator : MA/JU
 Sample : P3215-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D44

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 07:00:03 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	7.693	152	233852	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	931207	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	591604	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.128	188	1135874	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	993363	20.000	ng/u1	# 0.04
88) Perylene-d12	24.980	264	1229043	20.000	ng/u1	# 0.10
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	18605	3.620	ng/uL	0.00
4) Pyridine-d5	3.675	84	122919	8.262	ng/u1	0.02
7) Phenol-d5	6.910	99	498780	26.162	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.046	67	294702	25.506	ng/u1	0.01
11) 2-Chlorophenol-d4	7.246	132	425102	27.062	ng/u1	0.01
15) 4-Methylphenol-d8	8.416	113	368202	23.253	ng/u1	0.02
21) Nitrobenzene-d5	8.852	128	210415	29.092	ng/u1	0.02
24) 2-Nitrophenol-d4	9.552	143	245248	29.625	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	424513	28.359	ng/u1	0.03
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.716	166	1314202	30.558	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1445424	29.932	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	178398	29.155	ng/u1	0.03
60) Fluorene-d10	15.322	176	1110776	31.483	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	93421	13.593	ng/u1	0.02
73) Anthracene-d10	17.228	188	1559697	30.916	ng/u1	0.00
81) Pyrene-d10	19.627	212	1168459	19.026	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.727	264	830062	13.694	ng/u1	0.09
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.869	77	12171	1.266	ng/u1	94
30) Naphthalene	10.504	128	73325	1.497	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	38757	1.153	ng/u1	99
50) Acenaphthylene	14.028	152	230534	4.216	ng/u1	98
52) Acenaphthene	14.369	153	56655	1.561	ng/u1	95
56) Dibenzofuran	14.716	168	57237	1.152	ng/u1	100
61) Fluorene	15.381	166	70589	1.741	ng/u1#	95
72) Phenanthrene	17.169	178	1389972	23.589	ng/u1	98
74) Anthracene	17.263	178	429325	7.147	ng/u1	95
77) Carbazole	17.563	167	146016	2.973	ng/u1#	90
78) Di-n-butylphthalate	18.128	149	89938	1.327	ng/u1#	80
80) Fluoranthene	19.280	202	3543424	47.777	ng/u1	96
82) Pyrene	19.657	202	1959682	25.966	ng/u1	96
85) Benzo(a)anthracene	21.574	228	1823985	26.212	ng/u1#	93
86) Bis(2-ethylhexyl)phtha...	21.492	149	542389	11.986	ng/u1#	98
87) Chrysene	21.645	228	2021184	31.259	ng/u1#	95
90) Benzo(b)fluoranthene	23.904	252	3150377	42.239	ng/u1#	91
91) Benzo(k)fluoranthene	23.951	252	1155858m	15.529	ng/u1	
93) Benzo(a)pyrene	24.810	252	733571	10.408	ng/u1#	70
94) Indeno(1,2,3-cd)pyrene	28.803	276	1000137m	11.012	ng/u1	
95) Dibenzo(a,h)anthracene	28.856	278	460702m	6.126	ng/u1	
96) Benzo(g,h,i)perylene	30.033	276	145641m	1.969	ng/u1	

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QLast Update : Thu Jul 18 06:57:29 2024
Response via : Initial Calibration

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

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

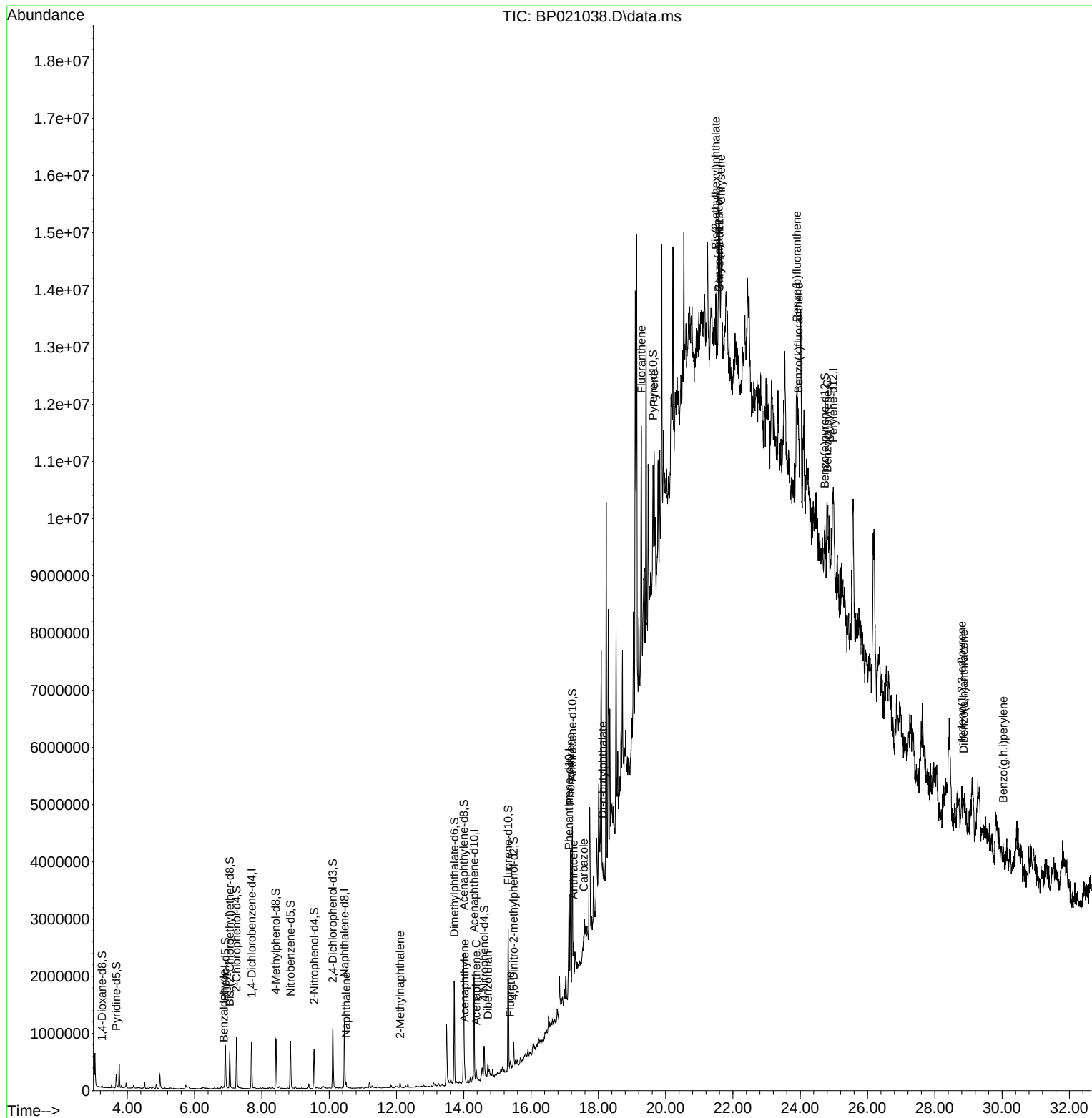
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
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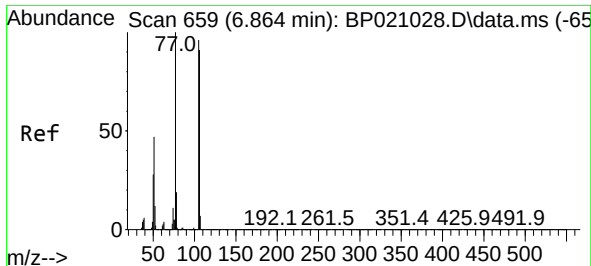
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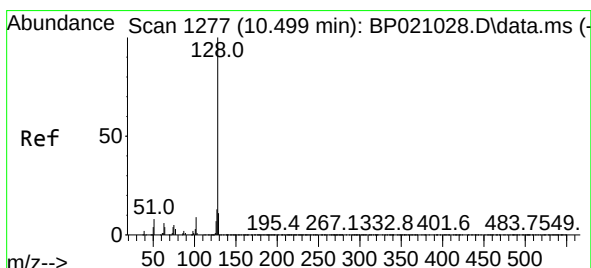
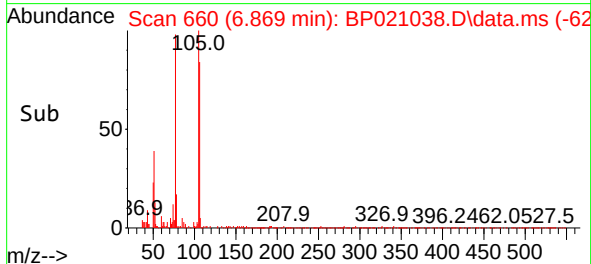
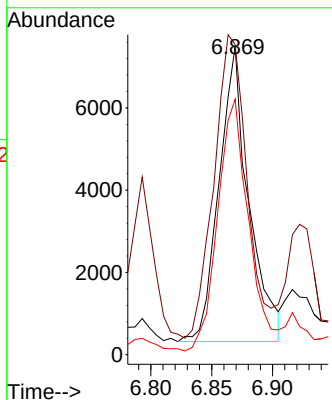
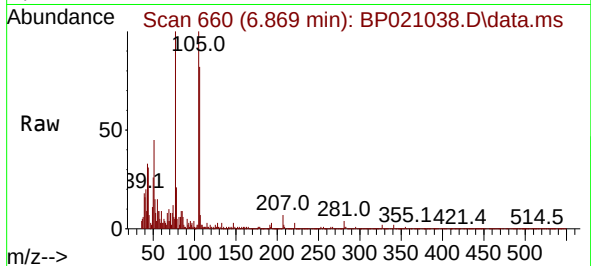
#6
Benzaldehyde
Concen: 1.266 ng/ul
RT: 6.869 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP021038.D
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Instrument :
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ClientSampleId :
A4D44

Tgt Ion: 77	Resp: 1217
Ion Ratio	Lower Upper
77 100	
105 100.5	79.3 118.9
106 82.8	74.6 112.0

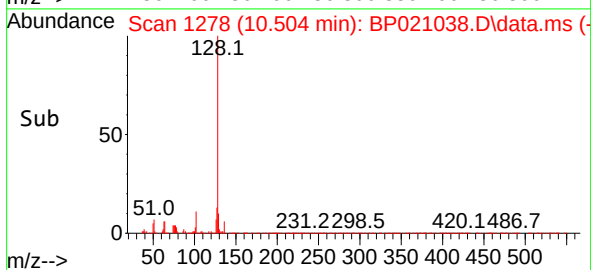
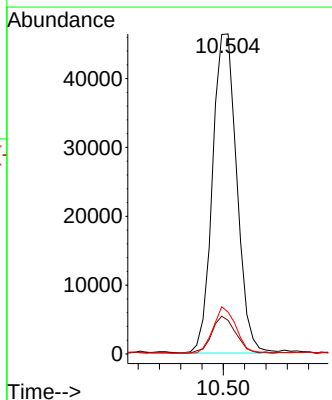
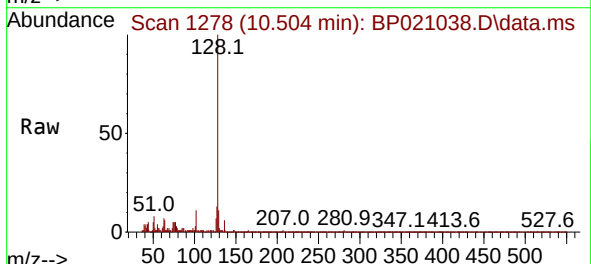
Manual Integrations
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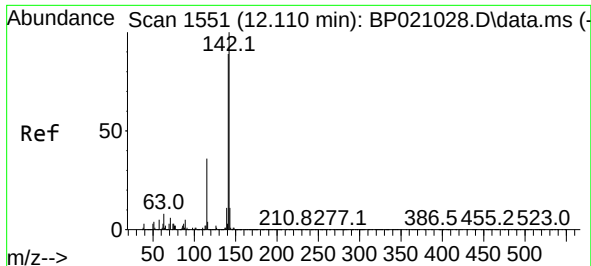
Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#30
Naphthalene
Concen: 1.497 ng/ul
RT: 10.504 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BP021038.D
Acq: 18 Jul 2024 06:30

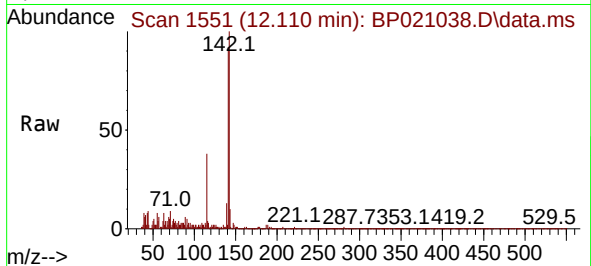
Tgt Ion:128	Resp: 73325
Ion Ratio	Lower Upper
128 100	
129 10.5	8.6 13.0
127 13.1	10.8 16.2





#36
2-Methylnaphthalene
Concen: 1.153 ng/ul
RT: 12.110 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BP021038.D
Acq: 18 Jul 2024 06:30

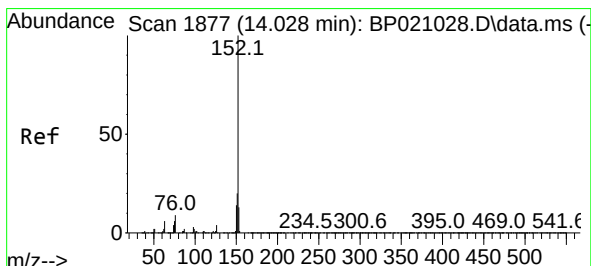
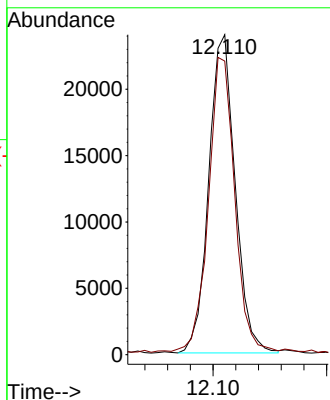
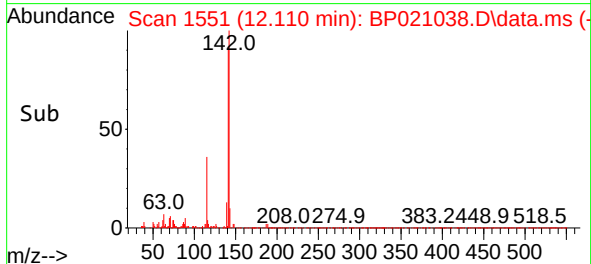
Instrument :
BNA_P
ClientSampleId :
A4D44



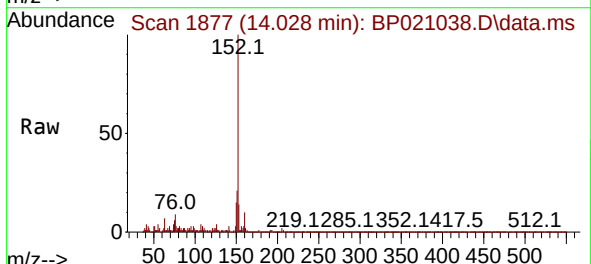
Tgt Ion:142 Resp: 3875
Ion Ratio Lower Upper
142 100
141 91.8 72.6 108.8

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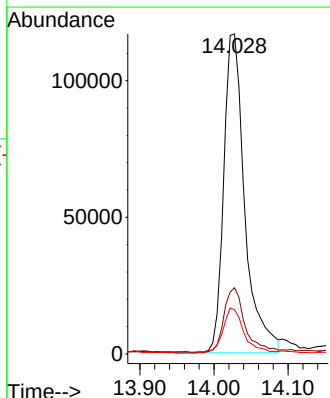
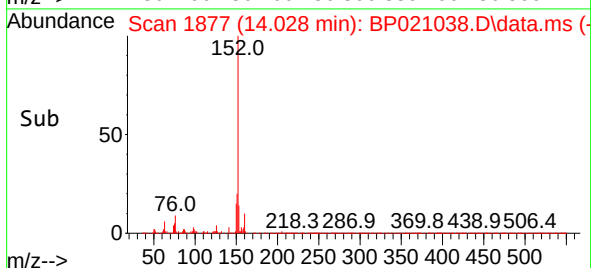
Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

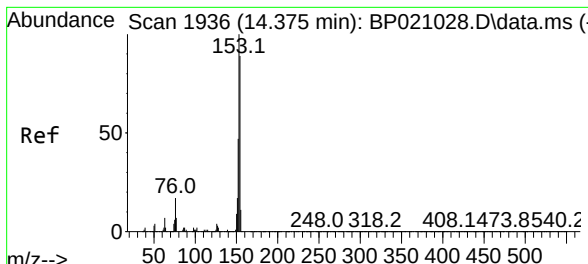


#50
Acenaphthylene
Concen: 4.216 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BP021038.D
Acq: 18 Jul 2024 06:30



Tgt Ion:152 Resp: 230534
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 13.9 10.3 15.5



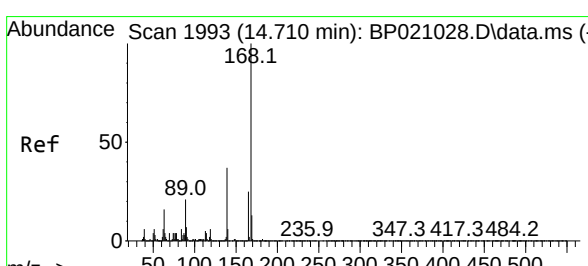
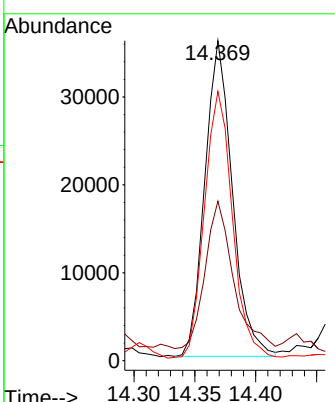
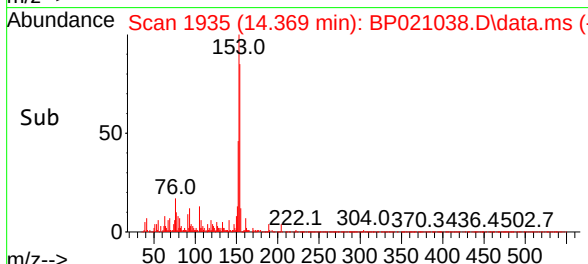
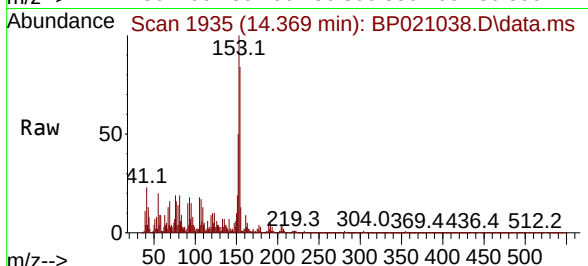


#52
 Acenaphthene
 Concen: 1.561 ng/ul
 RT: 14.369 min Scan# 1935
 Delta R.T. -0.006 min
 Lab File: BP021038.D
 Acq: 18 Jul 2024 06:30

Instrument : BNA_P
 ClientSampleId : A4D44

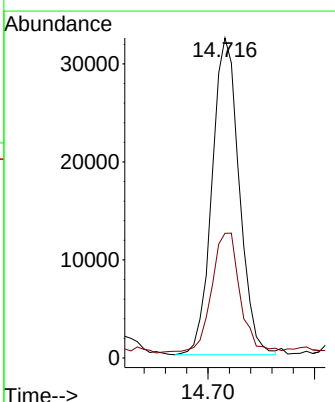
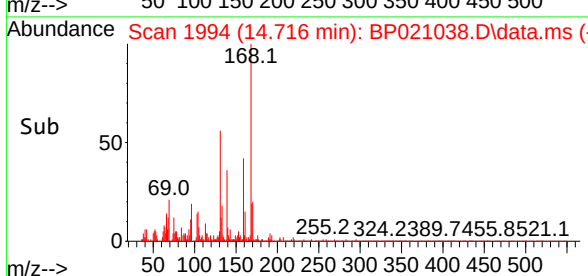
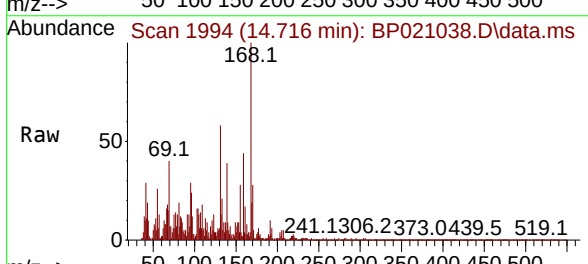
Tgt Ion:	153	Resp:	5665
Ion Ratio	Lower	Upper	
153	100		
152	49.8	37.8	56.6
154	84.2	71.8	107.6

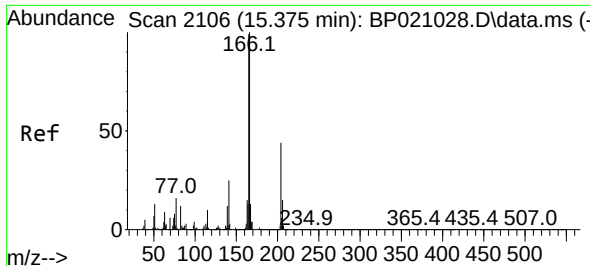
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#56
 Dibenzofuran
 Concen: 1.152 ng/ul
 RT: 14.716 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: BP021038.D
 Acq: 18 Jul 2024 06:30

Tgt Ion:	168	Resp:	57237
Ion Ratio	Lower	Upper	
168	100		
139	39.0	31.1	46.7





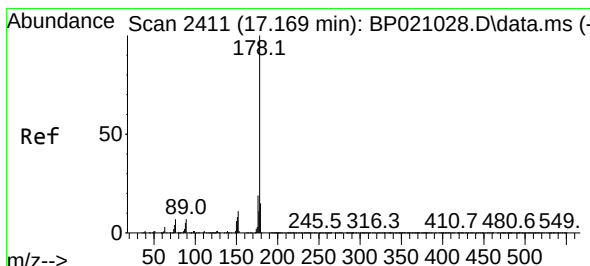
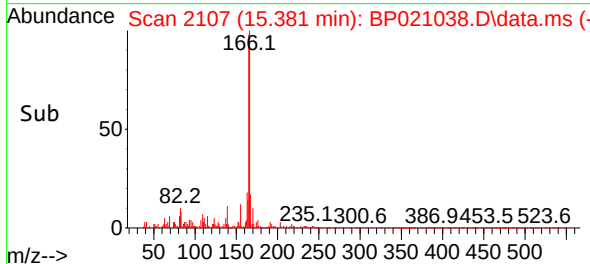
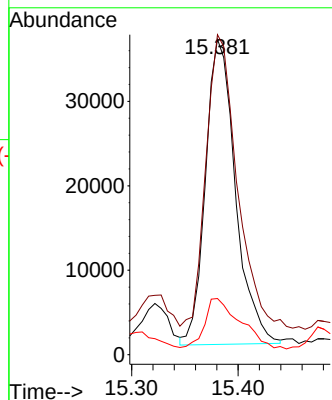
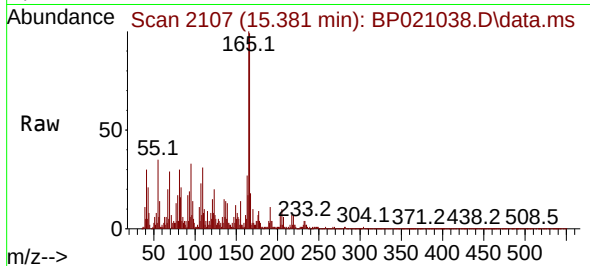
#61
Fluorene
Concen: 1.741 ng/ul
RT: 15.381 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP021038.D
Acq: 18 Jul 2024 06:30

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Tgt Ion:166 Resp: 70589
Ion Ratio Lower Upper
166 100
165 101.4 78.1 117.1
167 17.8 10.9 16.3

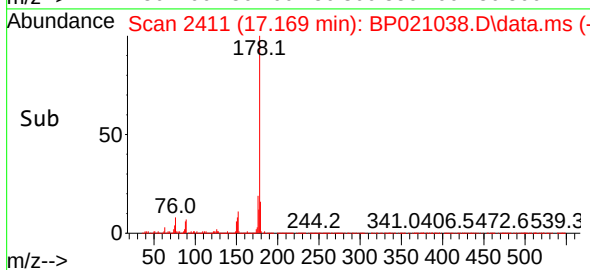
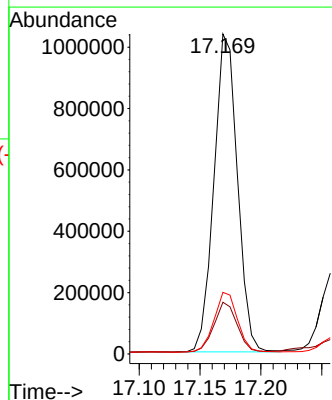
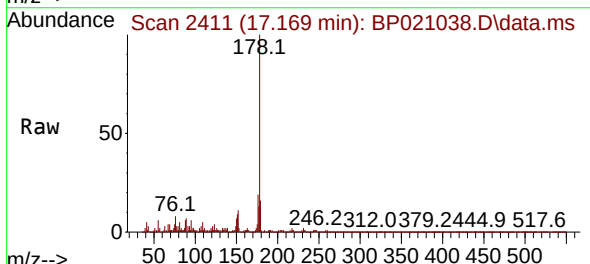
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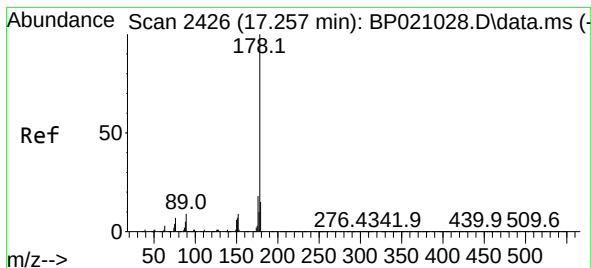
Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#72
Phenanthrene
Concen: 23.589 ng/ul
RT: 17.169 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BP021038.D
Acq: 18 Jul 2024 06:30

Tgt Ion:178 Resp: 1389972
Ion Ratio Lower Upper
178 100
179 16.2 12.2 18.4
176 19.2 15.0 22.4





#74

Anthracene

Concen: 7.147 ng/ul

RT: 17.263 min Scan# 2426

Delta R.T. 0.006 min

Lab File: BP021038.D

Acq: 18 Jul 2024 06:30

Instrument :

BNA_P

ClientSampleId :

A4D44

Tgt Ion:178 Resp: 42932

Ion Ratio Lower Upper

178 100

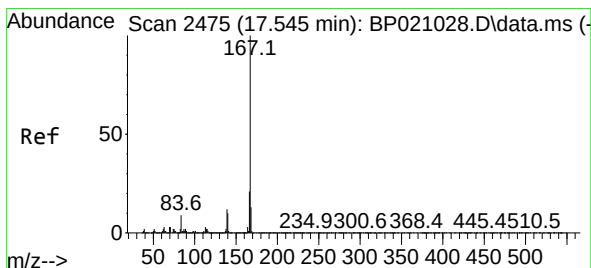
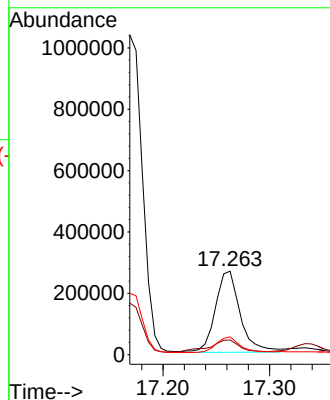
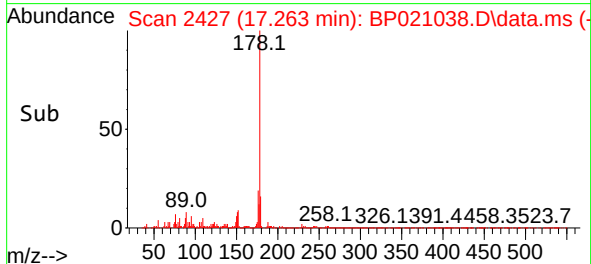
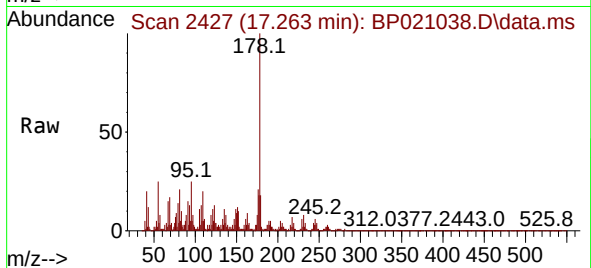
179 17.6 12.5 18.7

176 21.3 14.8 22.2

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#77

Carbazole

Concen: 2.973 ng/ul

RT: 17.563 min Scan# 2478

Delta R.T. 0.018 min

Lab File: BP021038.D

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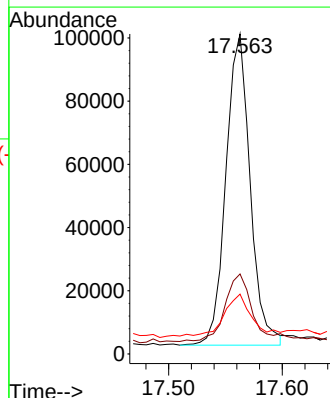
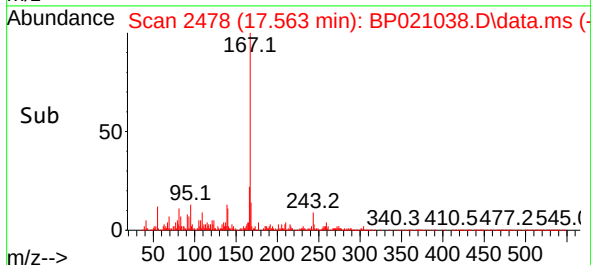
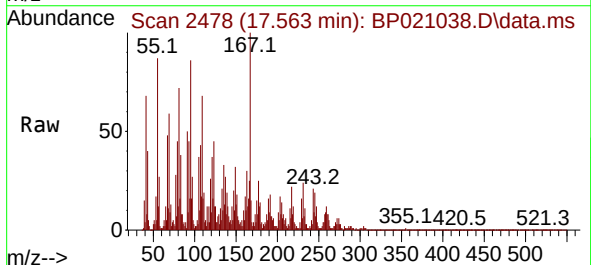
Tgt Ion:167 Resp: 146016

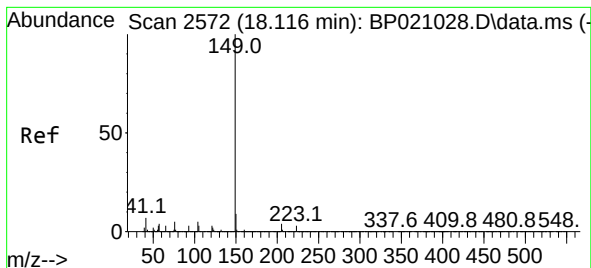
Ion Ratio Lower Upper

167 100

166 25.0 17.3 25.9

139 18.7 10.2 15.2#





#78

Di-n-butylphthalate

Concen: 1.327 ng/ul

RT: 18.128 min Scan# 2572

Delta R.T. 0.012 min

Lab File: BP021038.D

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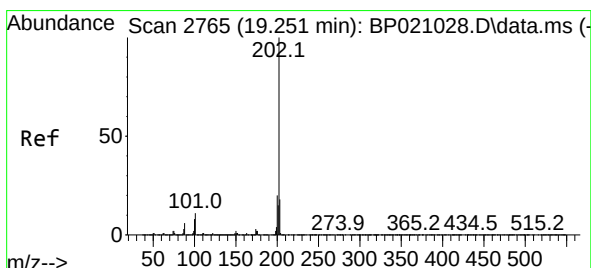
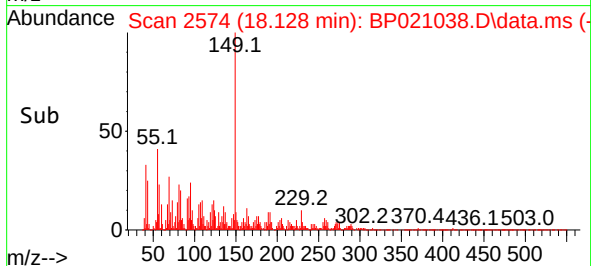
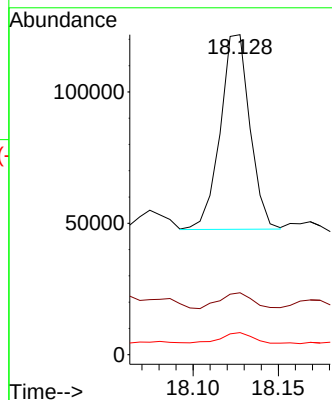
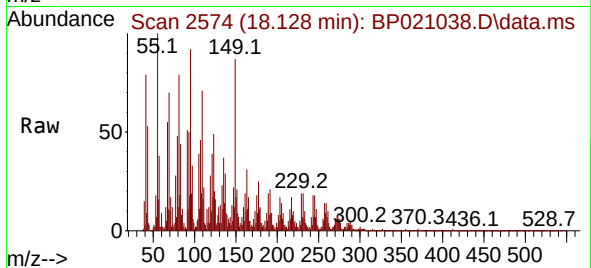
Tgt Ion:149 Resp: 89938

Ion	Ratio	Lower	Upper
149	100		
150	19.3	7.4	11.0
104	6.9	3.9	5.9

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#80

Fluoranthene

Concen: 47.777 ng/ul

RT: 19.280 min Scan# 2770

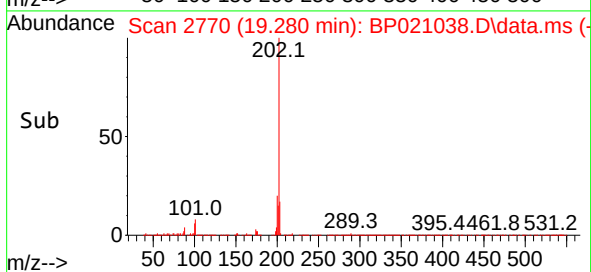
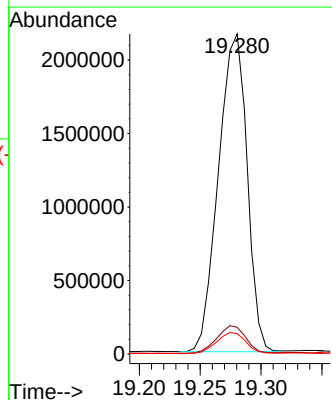
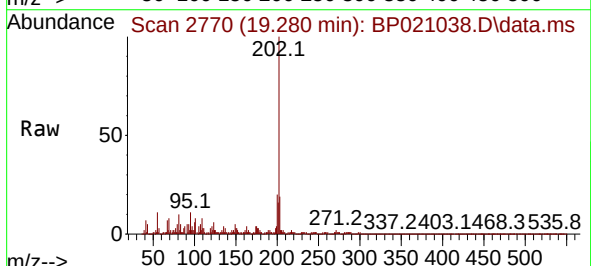
Delta R.T. 0.029 min

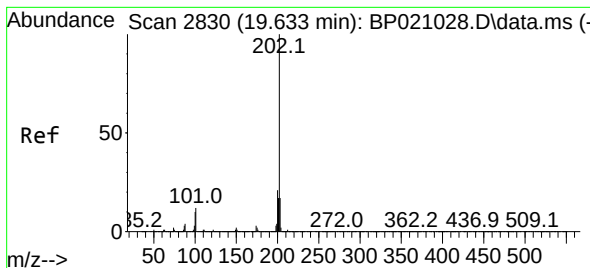
Lab File: BP021038.D

Acq: 18 Jul 2024 06:30

Tgt Ion:202 Resp: 3543424

Ion	Ratio	Lower	Upper
202	100		
101	8.4	8.0	12.0
100	6.3	6.1	9.1





#82

Pyrene

Concen: 25.966 ng/ul

RT: 19.657 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP021038.D

Acq: 18 Jul 2024 06:30

Instrument :

BNA_P

ClientSampleId :

A4D44

Tgt Ion:202 Resp: 195968

Ion Ratio Lower Upper

202 100

101 10.4 9.4 14.2

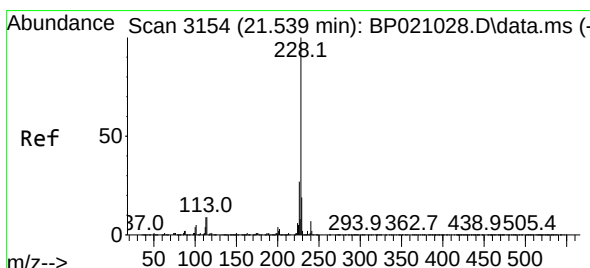
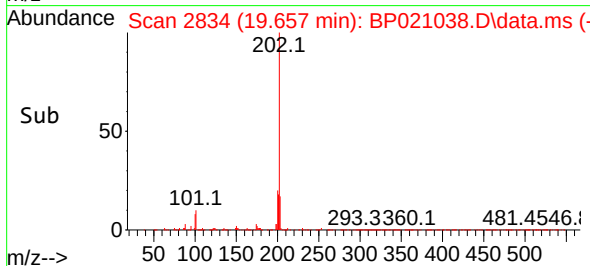
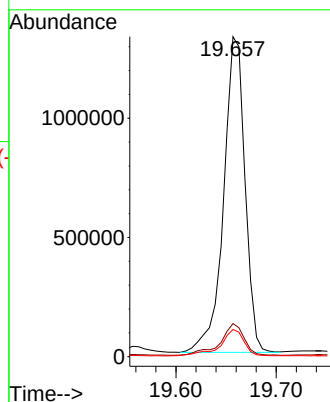
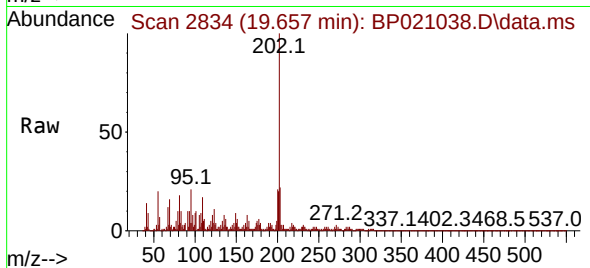
100 8.5 7.8 11.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#85

Benzo(a)anthracene

Concen: 26.212 ng/ul

RT: 21.574 min Scan# 3160

Delta R.T. 0.035 min

Lab File: BP021038.D

Acq: 18 Jul 2024 06:30

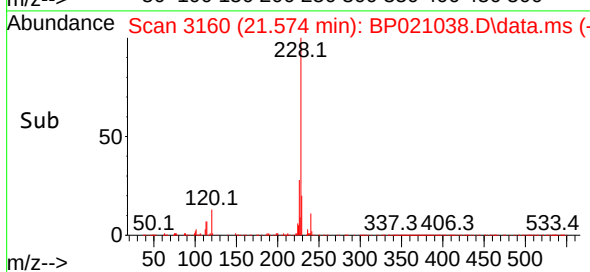
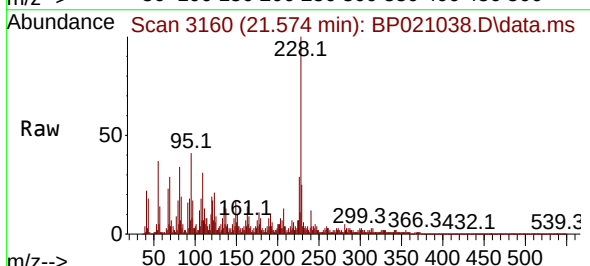
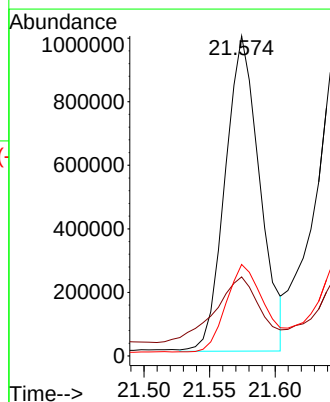
Tgt Ion:228 Resp: 1823985

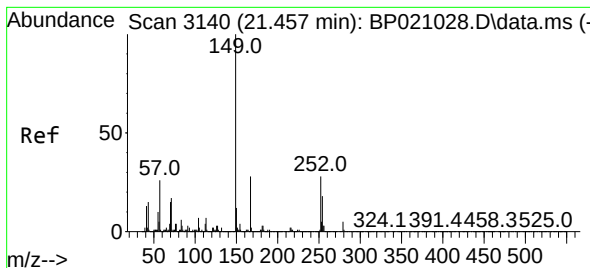
Ion Ratio Lower Upper

228 100

229 24.7 15.5 23.3#

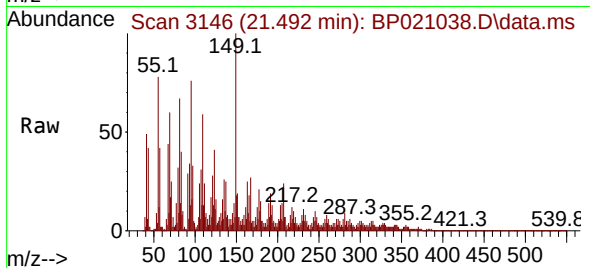
226 28.6 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 11.986 ng/ul
RT: 21.492 min Scan# 3146
Delta R.T. 0.035 min
Lab File: BP021038.D
Acq: 18 Jul 2024 06:30

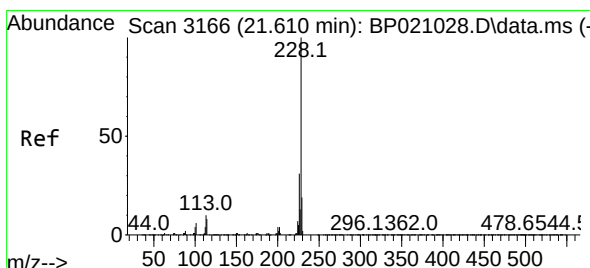
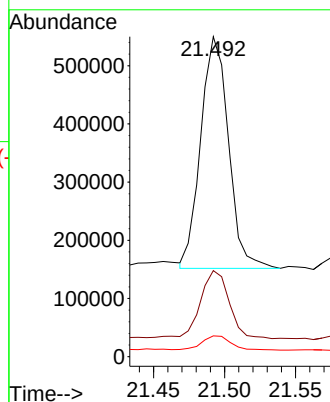
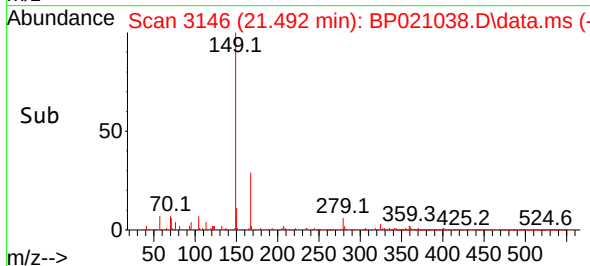
Instrument :
BNA_P
ClientSampleId :
A4D44



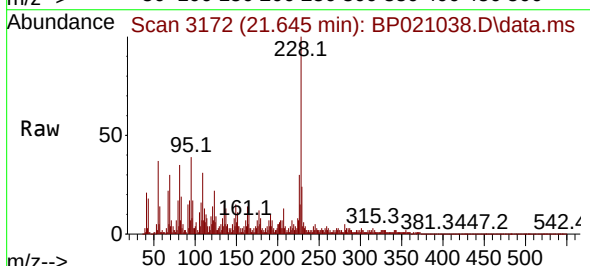
Tgt Ion:149 Resp: 542389
Ion Ratio Lower Upper
149 100
167 26.9 22.1 33.1
279 6.5 3.7 5.5

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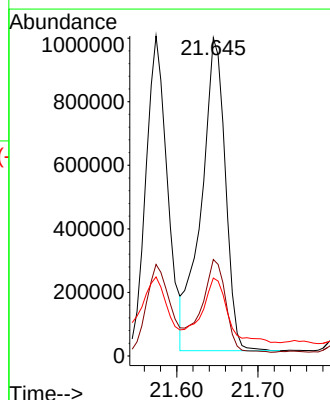
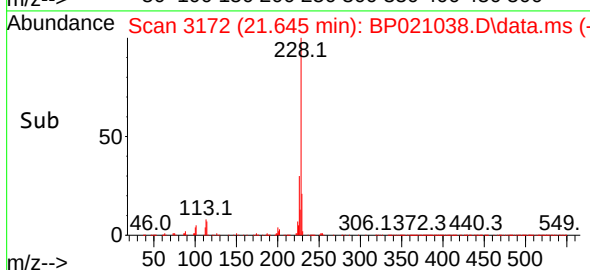
Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

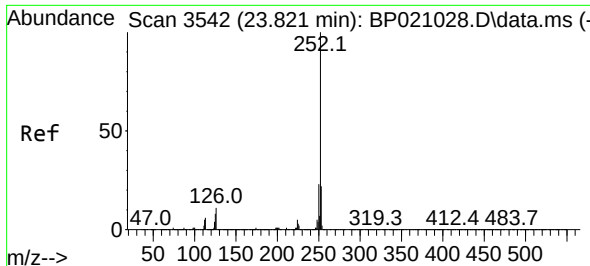


#87
Chrysene
Concen: 31.259 ng/ul
RT: 21.645 min Scan# 3172
Delta R.T. 0.035 min
Lab File: BP021038.D
Acq: 18 Jul 2024 06:30



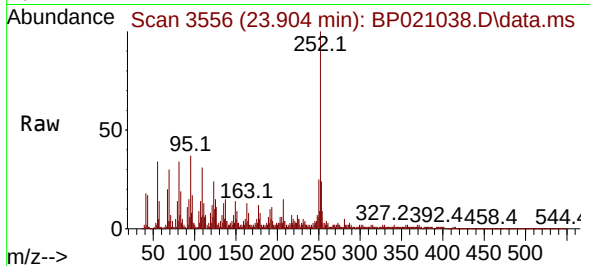
Tgt Ion:228 Resp: 2021184
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 24.5 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 42.239 ng/ul
RT: 23.904 min Scan# 315037
Delta R.T. 0.082 min
Lab File: BP021038.D
Acq: 18 Jul 2024 06:30

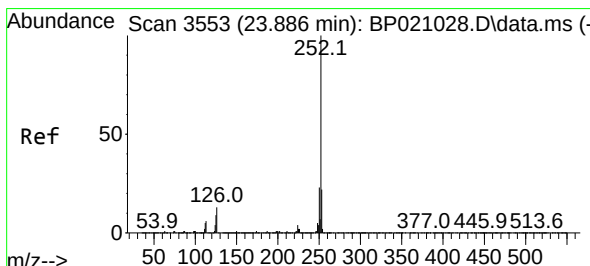
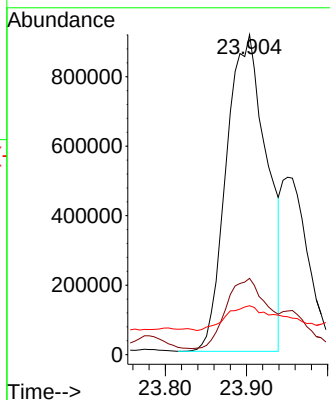
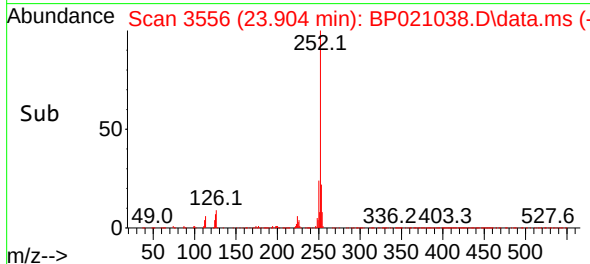
Instrument :
BNA_P
ClientSampleId :
A4D44



Tgt Ion:252 Resp: 315037
Ion Ratio Lower Upper
252 100
253 23.8 17.1 25.7
125 15.3 7.0 10.4

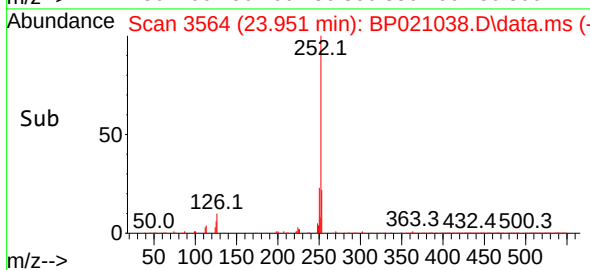
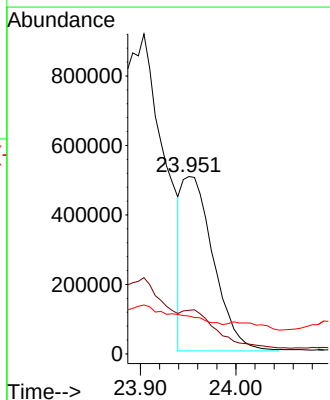
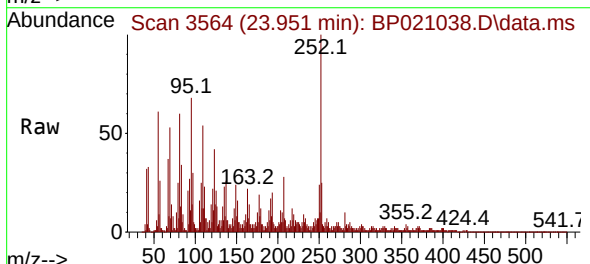
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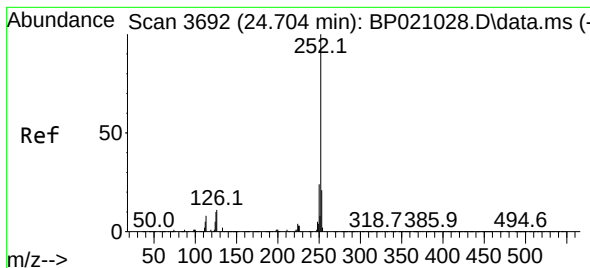
Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#91
Benzo(k)fluoranthene
Concen: 15.529 ng/ul m
RT: 23.951 min Scan# 3564
Delta R.T. 0.065 min
Lab File: BP021038.D
Acq: 18 Jul 2024 06:30

Tgt Ion:252 Resp: 1155858
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.2
125 21.4 7.4 11.0





#93

Benzo(a)pyrene

Concen: 10.408 ng/ul

RT: 24.810 min Scan# 31

Delta R.T. 0.106 min

Lab File: BP021038.D

Acq: 18 Jul 2024 06:30

Instrument :

BNA_P

ClientSampleId :

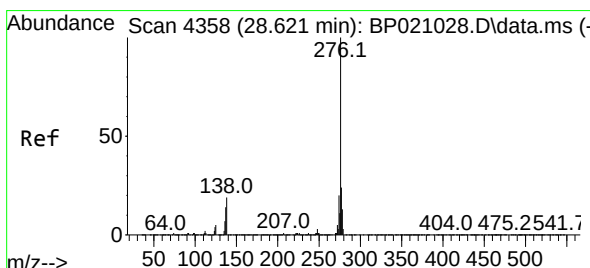
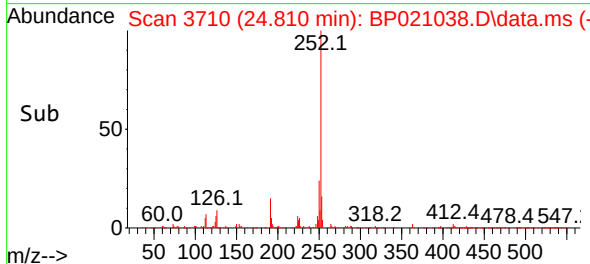
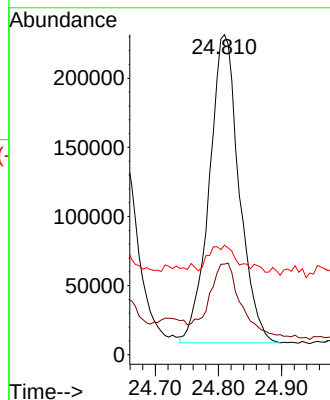
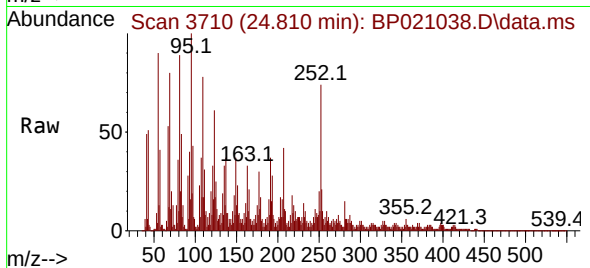
A4D44

Tgt Ion:	252	Resp:	73357
Ion Ratio	Lower	Upper	
252	100		
253	28.3	17.4	26.0
125	34.2	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: 11.012 ng/ul m

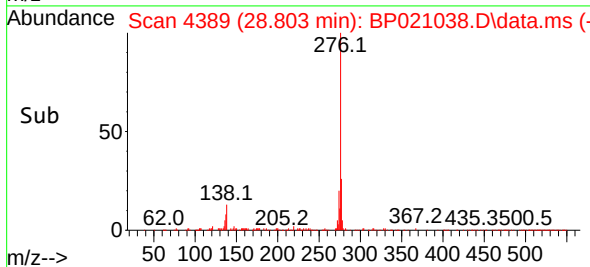
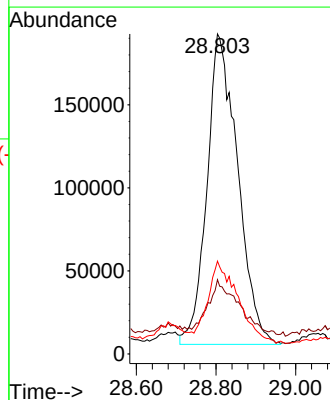
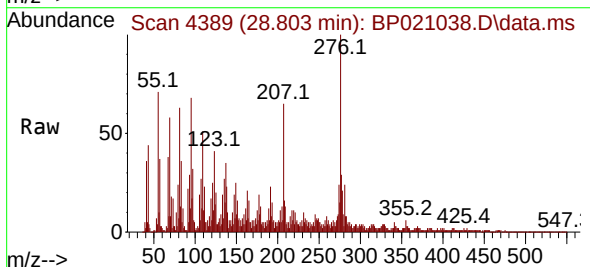
RT: 28.803 min Scan# 4389

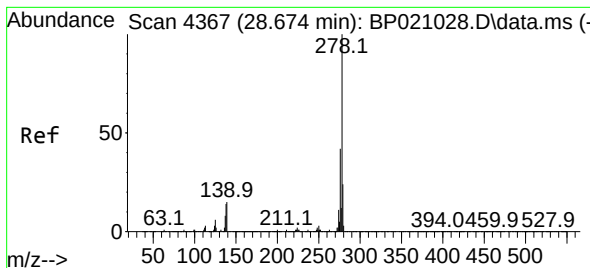
Delta R.T. 0.182 min

Lab File: BP021038.D

Acq: 18 Jul 2024 06:30

Tgt Ion:	276	Resp:	1000137
Ion Ratio	Lower	Upper	
276	100		
138	23.2	14.3	21.5
277	29.0	19.2	28.8





#95

Dibenzo(a,h)anthracene

Concen: 6.126 ng/ul m

RT: 28.856 min Scan# 41

Delta R.T. 0.182 min

Lab File: BP021038.D

Acq: 18 Jul 2024 06:30

Instrument :

BNP_P

ClientSampleId :

A4D44

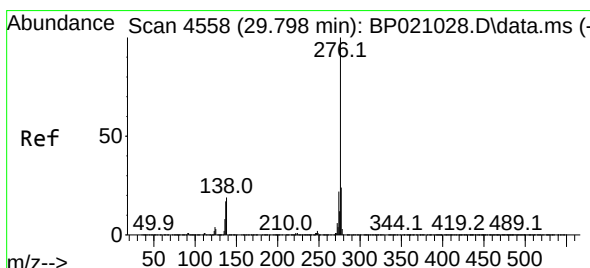
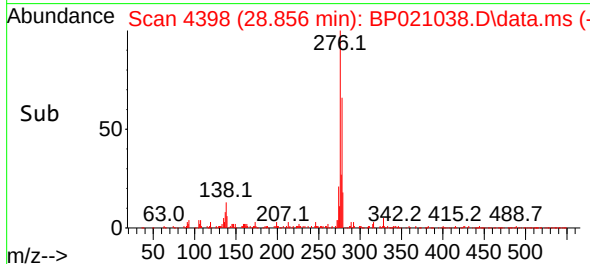
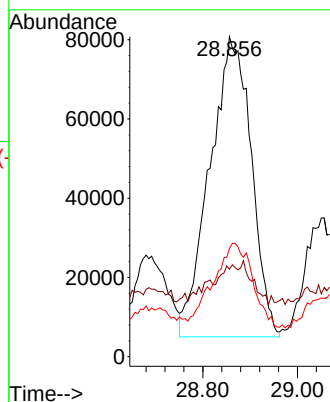
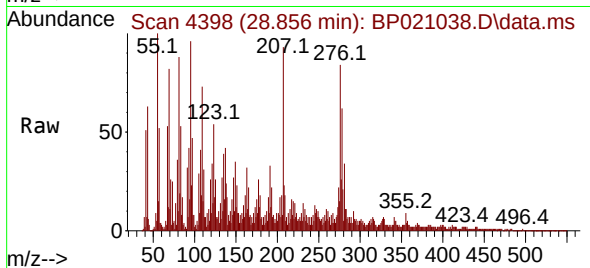
Tgt Ion:278 Resp: 46070

Ion	Ratio	Lower	Upper
278	100		
139	27.3	10.9	16.3
279	33.8	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: 1.969 ng/ul m

RT: 30.033 min Scan# 4598

Delta R.T. 0.235 min

Lab File: BP021038.D

Acq: 18 Jul 2024 06:30

Tgt Ion:276 Resp: 145641

Ion	Ratio	Lower	Upper
276	100		
138	53.3	15.3	22.9
277	42.8	18.2	27.2

