

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021420.D
 Acq On : 07 Aug 2024 14:50
 Operator : CG/JU
 Sample : P3329-02DL2 30X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E01DL2

Quant Time: Aug 08 03:53:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

Supervised By :mohammad
 ahmed
 08/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	126512	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.381	136	477157m	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.257	164	388683	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.081	188	885953	20.000	ng/u1	-0.01
79) Chrysene-d12	21.522	240	974192	20.000	ng/u1	-0.01
88) Perylene-d12	24.804	264	1146401	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	7.064	67	6106m	0.977	ng/u1	0.08
11) 2-Chlorophenol-d4	7.293	132	7241m	0.852	ng/u1	0.11
15) 4-Methylphenol-d8	8.534	113	7698m	0.899	ng/u1	0.17
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	9.558	143	3226m	0.761	ng/u1	0.05
28) 2,4-Dichlorophenol-d3	10.193	165	7169m	0.935	ng/u1	0.14
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.693	166	31820	1.126	ng/u1	0.01
49) Acenaphthylene-d8	13.963	160	32153	1.013	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.275	176	31055	1.340	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.187	188	49763	1.265	ng/u1	0.00
81) Pyrene-d10	19.569	212	54887	0.911	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.580	264	42284	0.748	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.428	128	1041646	41.502	ng/u1	99
36) 2-Methylnaphthalene	12.046	142	792156m	45.979	ng/u1	
37) 1-Methylnaphthalene	12.269	142	405525	22.886	ng/u1	99
43) 1,1'-Biphenyl	13.075	154	236510	8.326	ng/u1	98
52) Acenaphthene	14.322	153	939022	39.385	ng/u1	98
56) Dibenzofuran	14.681	168	1026611	31.444	ng/u1	98
61) Fluorene	15.334	166	1135158	42.607	ng/u1	98
72) Phenanthrene	17.128	178	4797432	104.383	ng/u1	99
74) Anthracene	17.222	178	1172827	25.031	ng/u1	98
77) Carbazole	17.540	167	194121	5.068	ng/u1	97
80) Fluoranthene	19.216	202	3221412	44.290	ng/u1	99
82) Pyrene	19.598	202	1691559	22.854	ng/u1	99
85) Benzo(a)anthracene	21.504	228	849539	12.449	ng/u1	98
87) Chrysene	21.563	228	774545	12.214	ng/u1	98
90) Benzo(b)fluoranthene	23.769	252	564158	8.109	ng/u1	98
91) Benzo(k)fluoranthene	23.827	252	215182m	3.099	ng/u1	
93) Benzo(a)pyrene	24.651	252	167175	2.543	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.610	276	91345m	1.078	ng/u1	

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

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Misc :
ALS Vial : 11 Sample Multiplier: 1

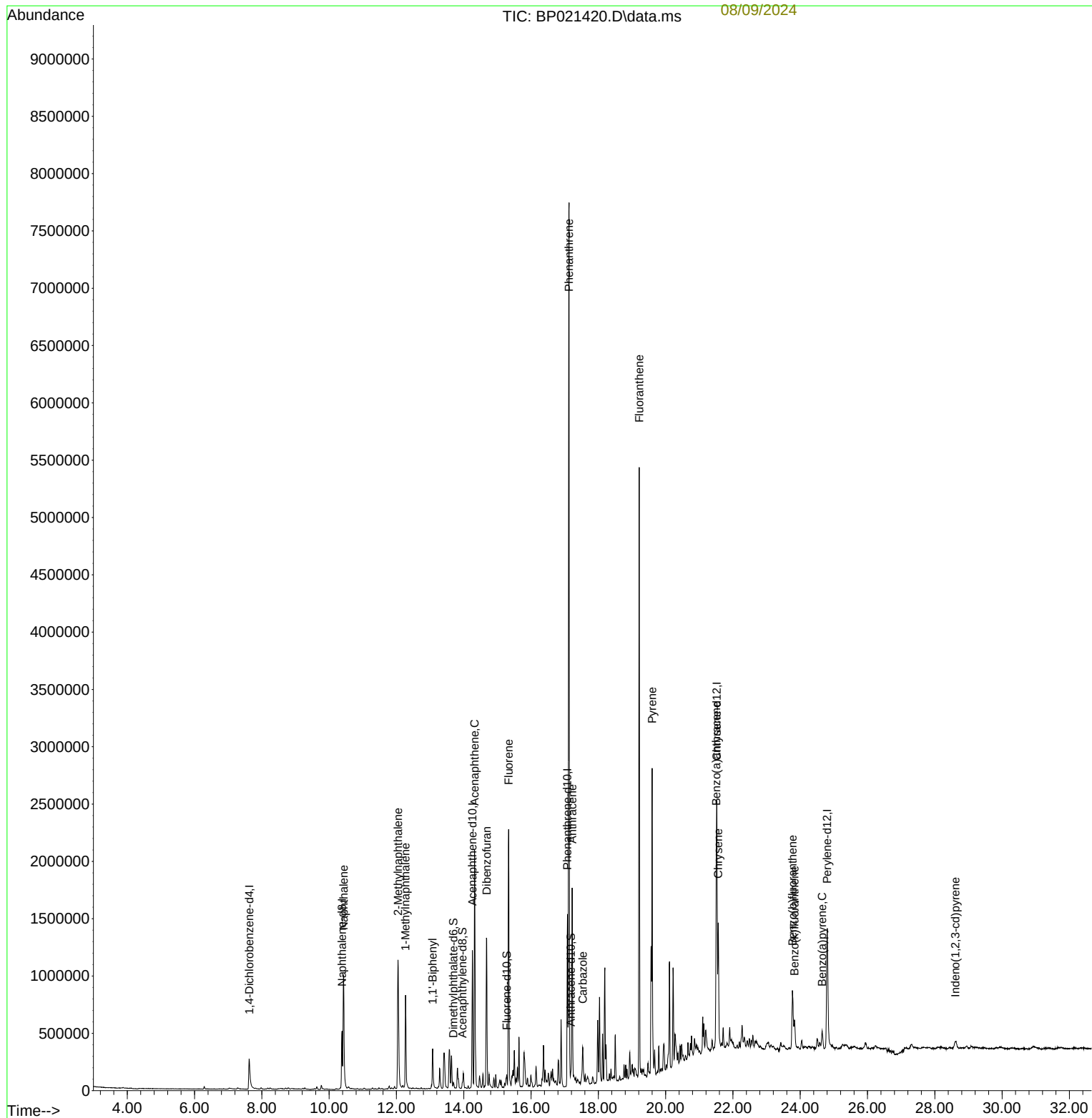
Instrument :
BNA_P
ClientSampleId :
F7E01DL2

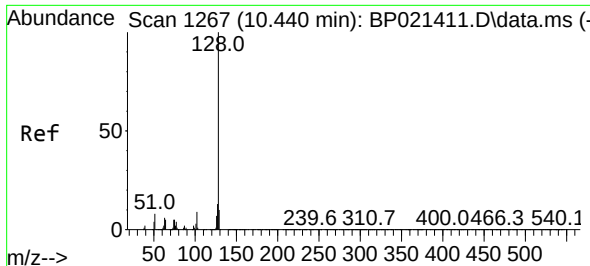
Manual Integrations
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08/09/2024

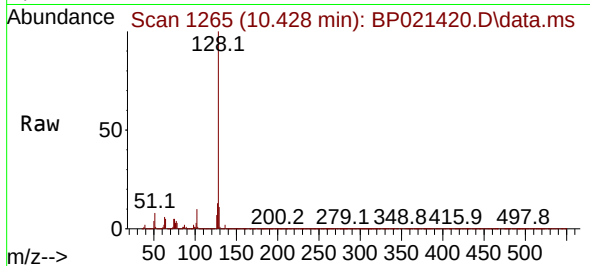
Quant Time: Aug 08 03:53:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 41.502 ng/ul
RT: 10.428 min Scan# 1041640
Delta R.T. -0.011 min
Lab File: BP021420.D
Acq: 07 Aug 2024 14:50

Instrument :
BNA_P
ClientSampleId :
F7E01DL2

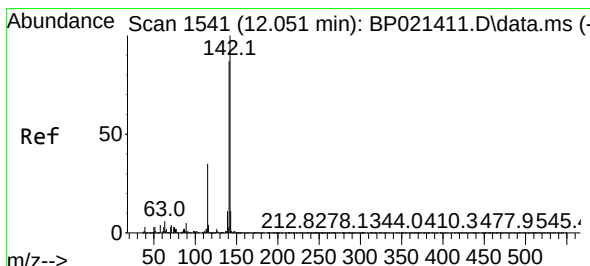
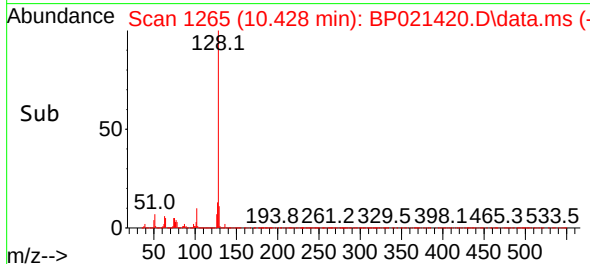
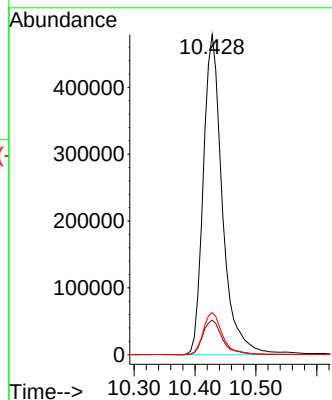


Tgt Ion:128 Resp: 1041640
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.8 16.2

Manual Integrations
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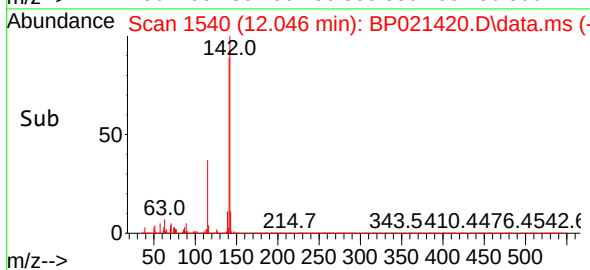
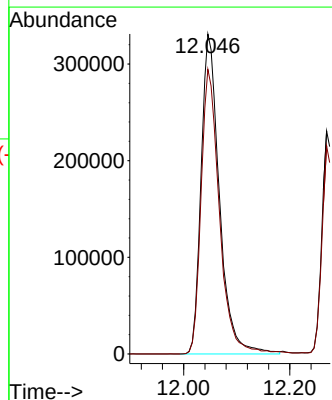
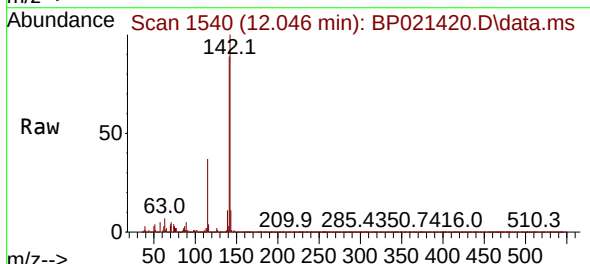
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

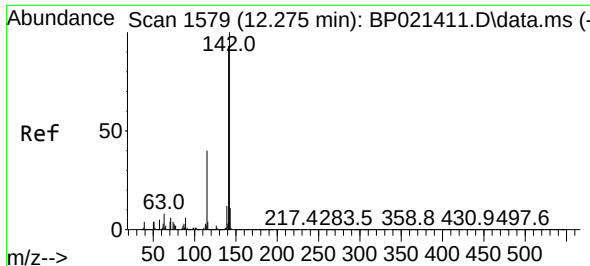
Supervised By :mohammad
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08/09/2024



#36
2-Methylnaphthalene
Concen: 45.979 ng/ul m
RT: 12.046 min Scan# 1540
Delta R.T. -0.023 min
Lab File: BP021420.D
Acq: 07 Aug 2024 14:50

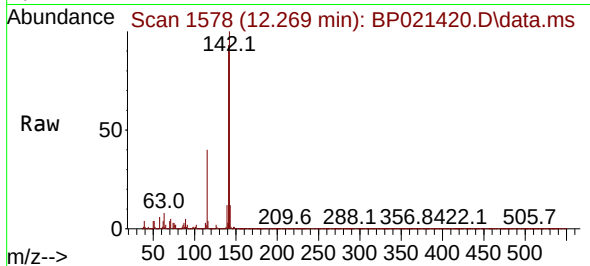
Tgt Ion:142 Resp: 792156
Ion Ratio Lower Upper
142 100
141 88.9 72.6 108.8





#37
1-Methylnaphthalene
Concen: 22.886 ng/ul
RT: 12.269 min Scan# 1579
Delta R.T. -0.023 min
Lab File: BP021420.D
Acq: 07 Aug 2024 14:50

Instrument :
BNA_P
ClientSampleId :
F7E01DL2

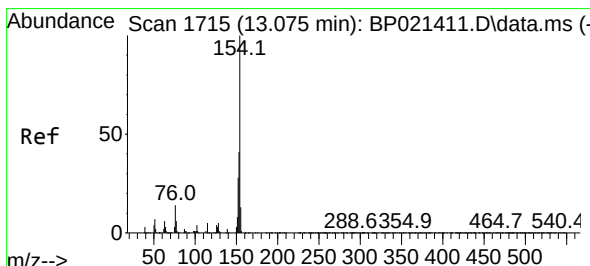
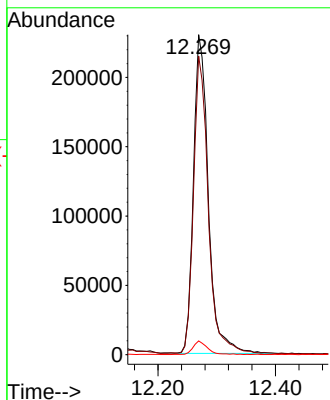
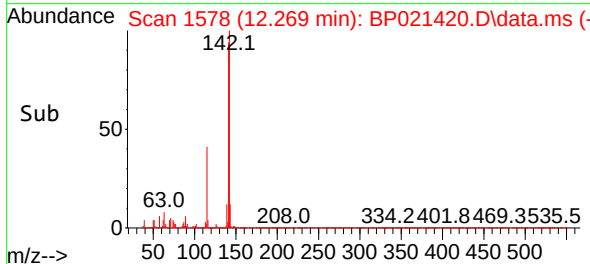


Tgt Ion:142 Resp: 405529
Ion Ratio Lower Upper
142 100
141 93.3 75.0 112.6
116 4.3 3.2 4.8

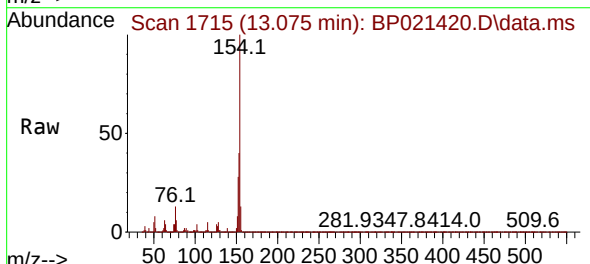
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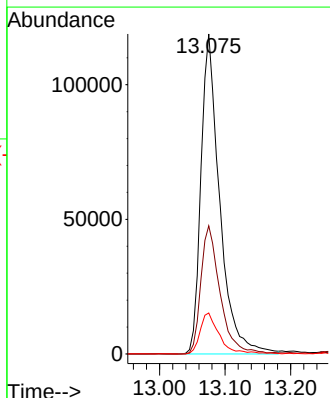
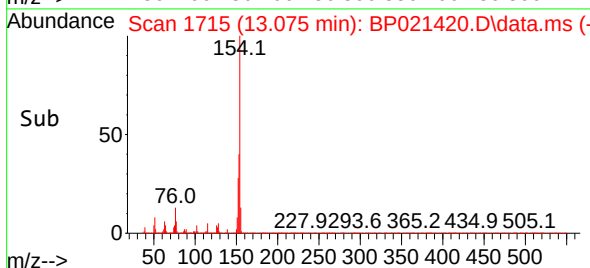
Supervised By :mohammad
ahmed
08/09/2024

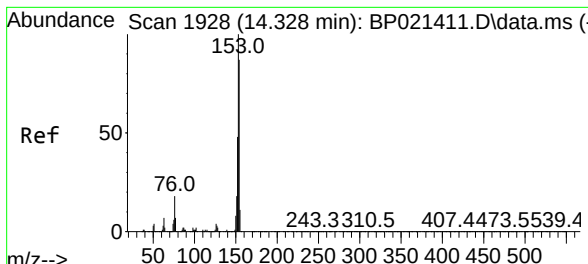


#43
1,1'-Biphenyl
Concen: 8.326 ng/ul
RT: 13.075 min Scan# 1715
Delta R.T. -0.011 min
Lab File: BP021420.D
Acq: 07 Aug 2024 14:50



Tgt Ion:154 Resp: 236510
Ion Ratio Lower Upper
154 100
153 40.1 32.7 49.1
76 12.8 9.4 14.2



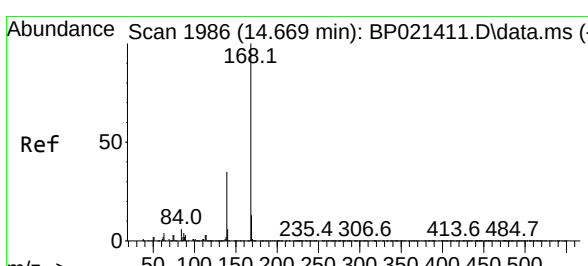
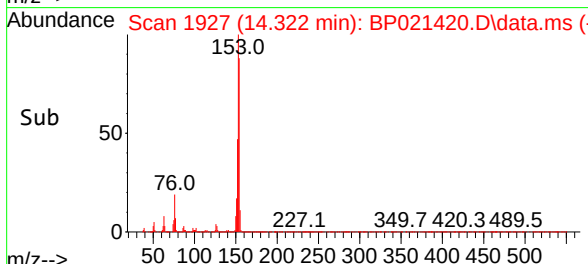
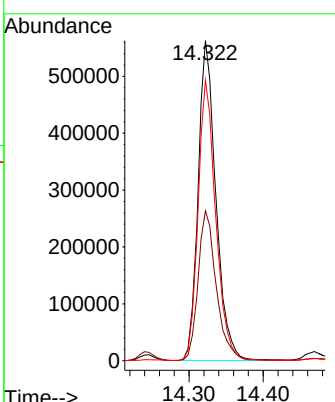
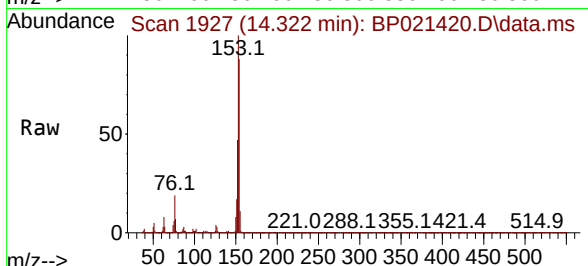


#52
 Acenaphthene
 Concen: 39.385 ng/ul
 RT: 14.322 min Scan# 1927
 Delta R.T. -0.017 min
 Lab File: BP021420.D
 Acq: 07 Aug 2024 14:50

Instrument : BNA_P
 ClientSampleId : F7E01DL2

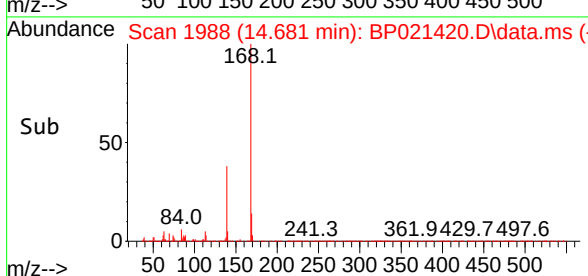
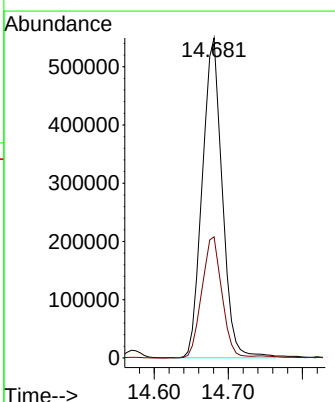
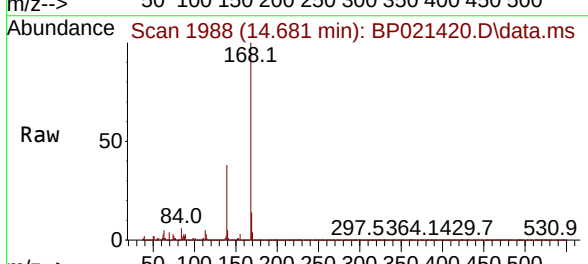
Tgt Ion:	153	Resp:	93902
Ion Ratio	Lower	Upper	
153	100		
152	46.9	37.8	56.6
154	87.7	71.8	107.6

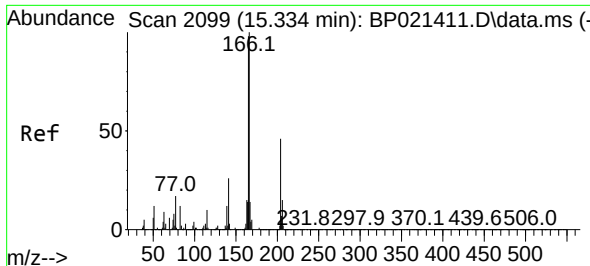
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 Supervised By :mohammad ahmed 08/09/2024



#56
 Dibenzofuran
 Concen: 31.444 ng/ul
 RT: 14.681 min Scan# 1988
 Delta R.T. -0.005 min
 Lab File: BP021420.D
 Acq: 07 Aug 2024 14:50

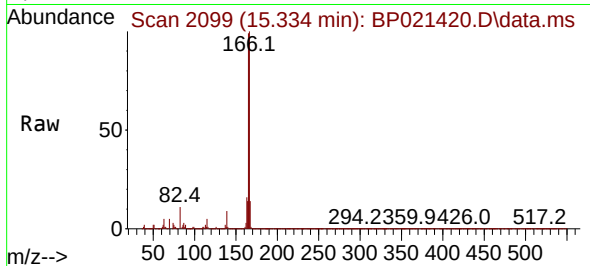
Tgt Ion:	168	Resp:	1026611
Ion Ratio	Lower	Upper	
168	100		
139	37.8	31.1	46.7





#61
Fluorene
Concen: 42.607 ng/u1
RT: 15.334 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BP021420.D
Acq: 07 Aug 2024 14:50

Instrument :
BNA_P
ClientSampleId :
F7E01DL2

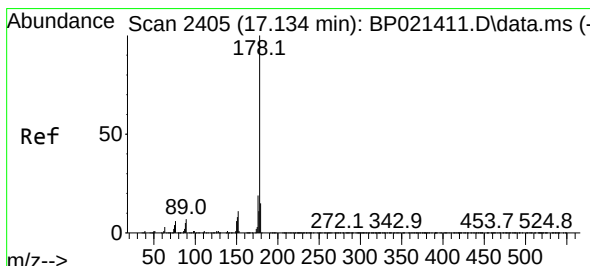
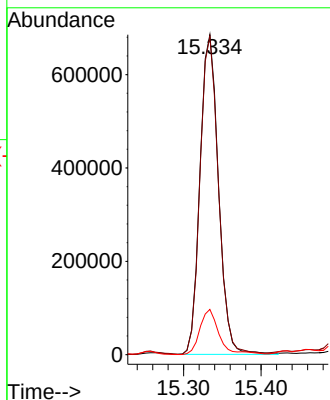
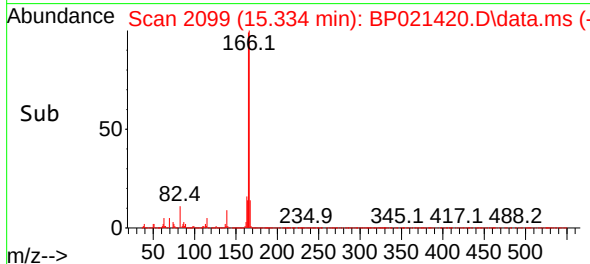


Tgt Ion:166 Resp: 1135158
Ion Ratio Lower Upper
166 100
165 99.4 78.1 117.1
167 14.1 10.9 16.3

Manual Integrations
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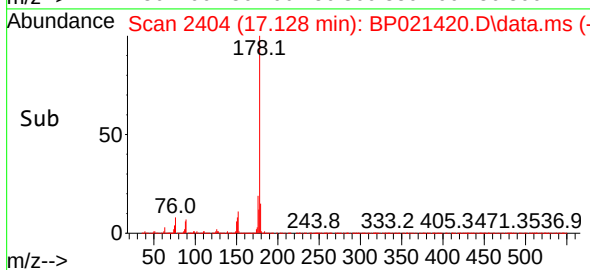
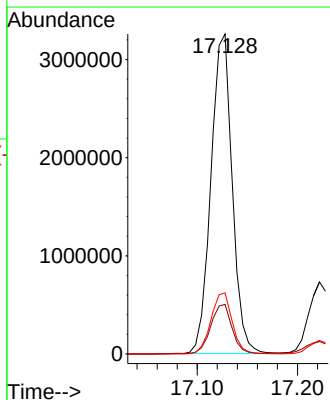
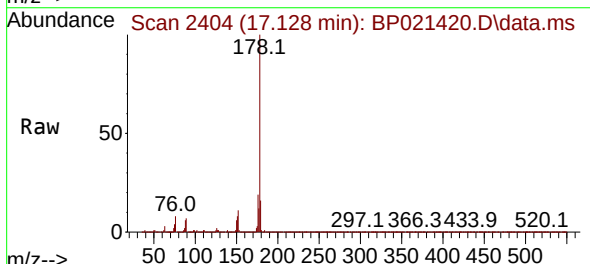
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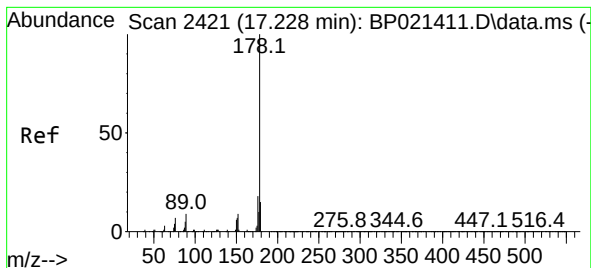
Supervised By :mohammad
ahmed
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#72
Phenanthrene
Concen: 104.383 ng/u1
RT: 17.128 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BP021420.D
Acq: 07 Aug 2024 14:50

Tgt Ion:178 Resp: 4797432
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 19.1 15.0 22.4





#74

Anthracene

Concen: 25.031 ng/uI

RT: 17.222 min Scan# 2421

Delta R.T. -0.011 min

Lab File: BP021420.D

Acq: 07 Aug 2024 14:50

Instrument :

BNA_P

ClientSampleId :

F7E01DL2

Tgt Ion:178 Resp: 117282

Ion Ratio Lower Upper

178 100

179 17.3 12.5 18.7

176 18.6 14.8 22.2

Manual Integrations

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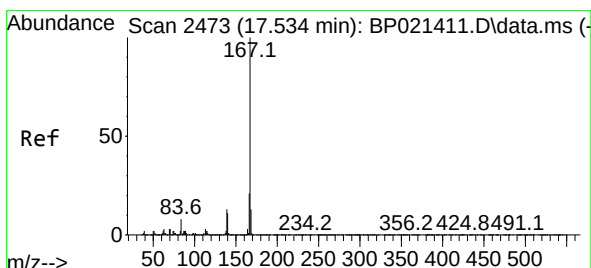
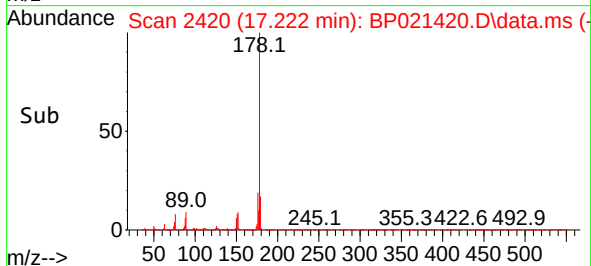
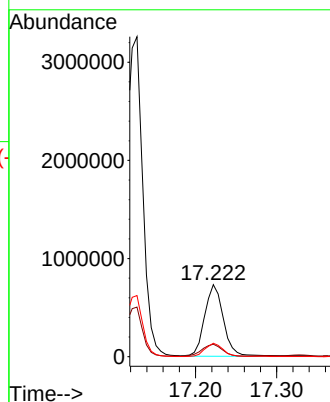
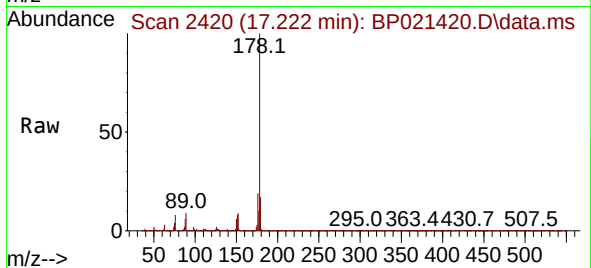
Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024

Supervised By :mohammad

ahmed

08/09/2024



#77

Carbazole

Concen: 5.068 ng/uI

RT: 17.540 min Scan# 2474

Delta R.T. 0.018 min

Lab File: BP021420.D

Acq: 07 Aug 2024 14:50

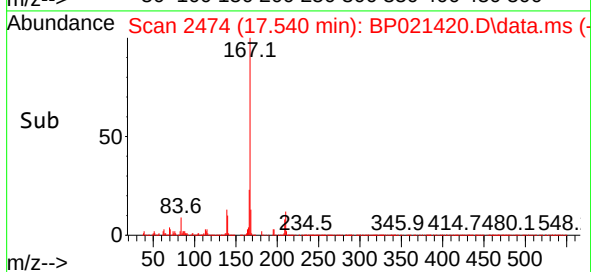
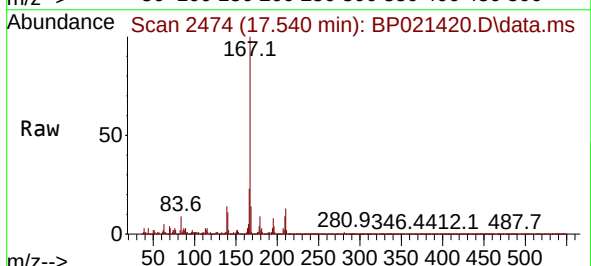
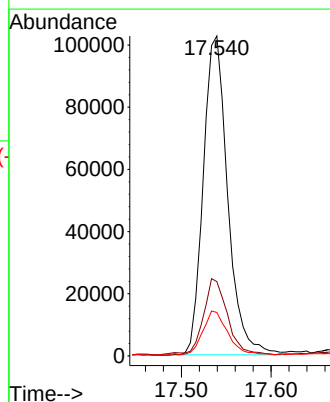
Tgt Ion:167 Resp: 194121

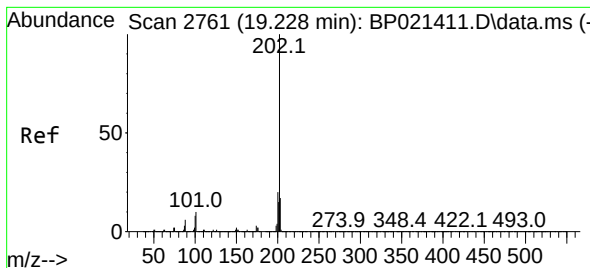
Ion Ratio Lower Upper

167 100

166 23.3 17.3 25.9

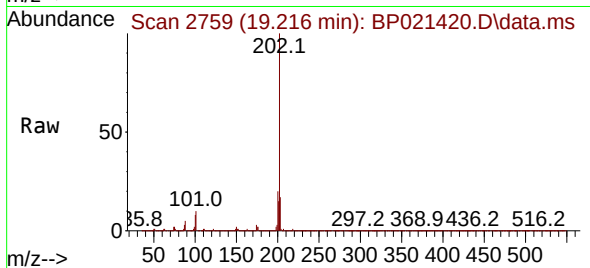
139 13.6 10.2 15.2





#80
Fluoranthene
Concen: 44.290 ng/ul
RT: 19.216 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP021420.D
Acq: 07 Aug 2024 14:50

Instrument :
BNA_P
ClientSampleId :
F7E01DL2

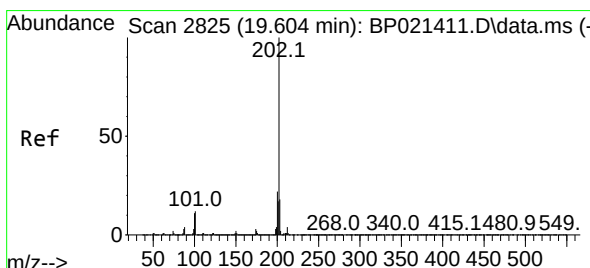
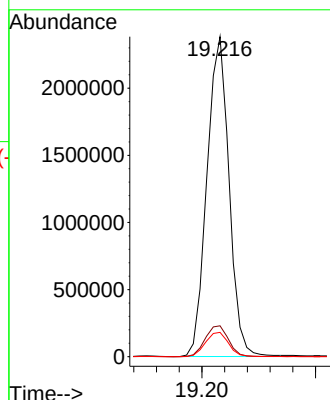
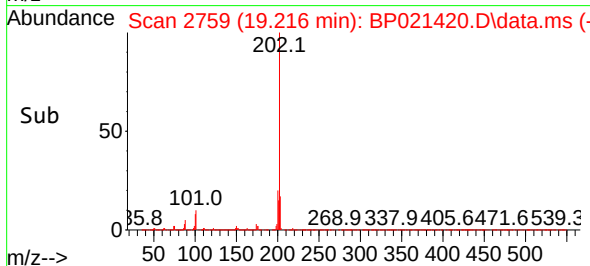


Tgt Ion:202 Resp: 322141
Ion Ratio Lower Upper
202 100
101 9.6 8.0 12.0
100 7.6 6.1 9.1

Manual Integrations
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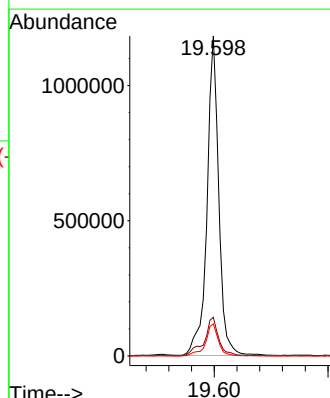
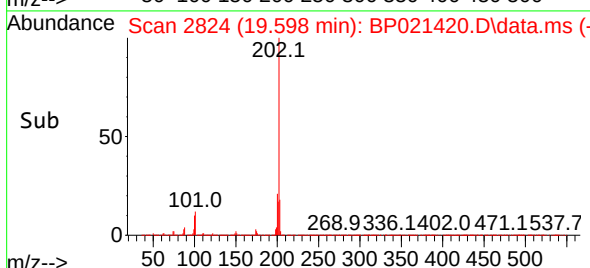
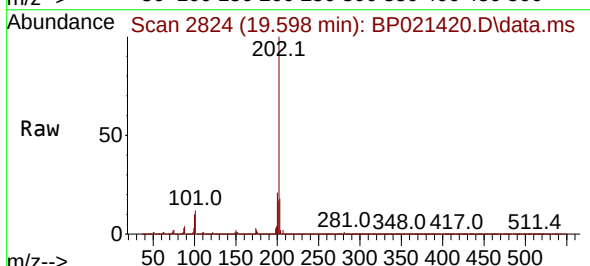
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

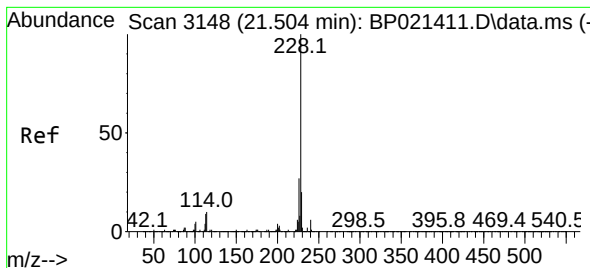
Supervised By :mohammad
ahmed
08/09/2024



#82
Pyrene
Concen: 22.854 ng/ul
RT: 19.598 min Scan# 2824
Delta R.T. -0.011 min
Lab File: BP021420.D
Acq: 07 Aug 2024 14:50

Tgt Ion:202 Resp: 1691559
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.2
100 10.0 7.8 11.6





#85

Benzo(a)anthracene

Concen: 12.449 ng/ul

RT: 21.504 min Scan# 3148

Delta R.T. -0.005 min

Lab File: BP021420.D

Acq: 07 Aug 2024 14:50

Instrument :

BNA_P

ClientSampleId :

F7E01DL2

Tgt Ion:228 Resp: 849539

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.5	23.3
226	26.5	21.4	32.2

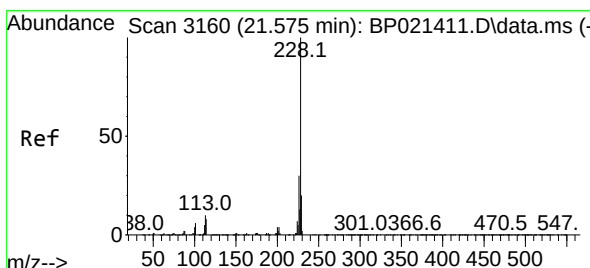
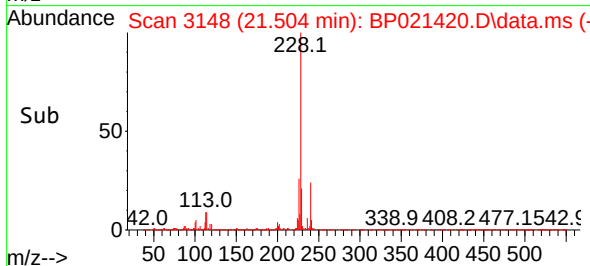
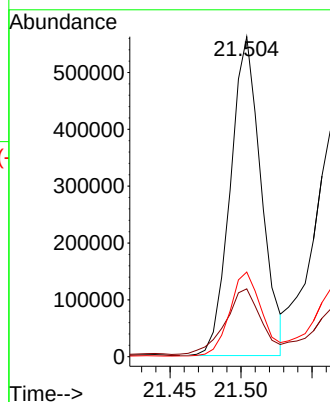
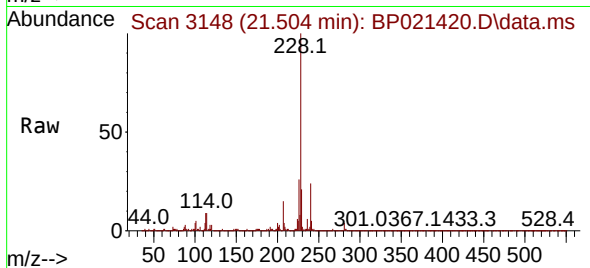
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024

Supervised By :mohammad
ahmed
08/09/2024



#87

Chrysene

Concen: 12.214 ng/ul

RT: 21.563 min Scan# 3158

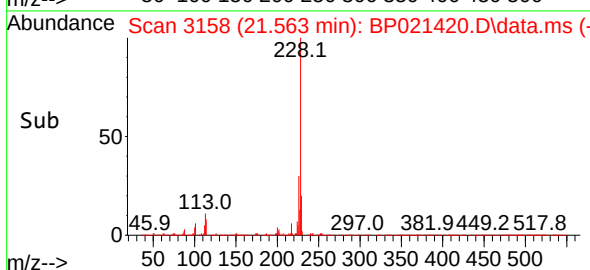
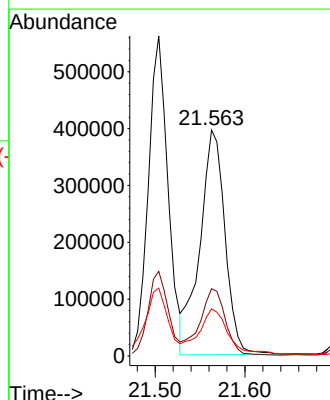
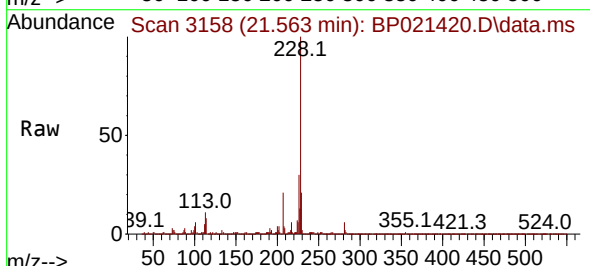
Delta R.T. -0.023 min

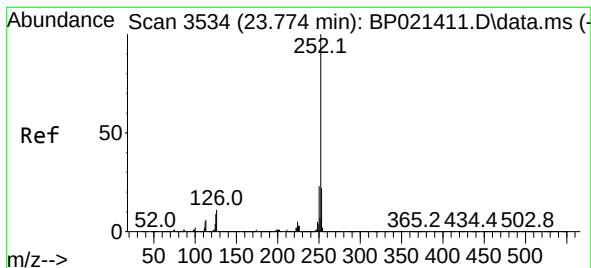
Lab File: BP021420.D

Acq: 07 Aug 2024 14:50

Tgt Ion:228 Resp: 774545

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.6	35.4
229	20.9	15.5	23.3





#90

Benzo(b)fluoranthene

Concen: 8.109 ng/ul

RT: 23.769 min Scan# 3534

Delta R.T. -0.017 min

Lab File: BP021420.D

Acq: 07 Aug 2024 14:50

Instrument :

BNA_P

ClientSampleId :

F7E01DL2

Tgt Ion:252	Resp: 564158
Ion Ratio	Lower Upper
252 100	
253 22.6	17.1 25.7
125 9.5	7.0 10.4

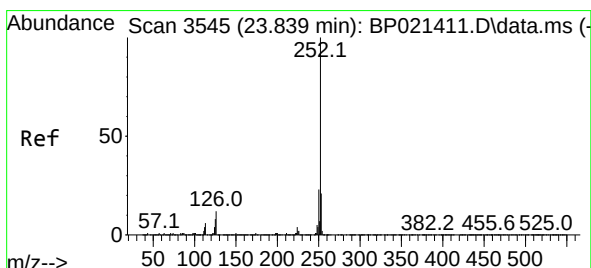
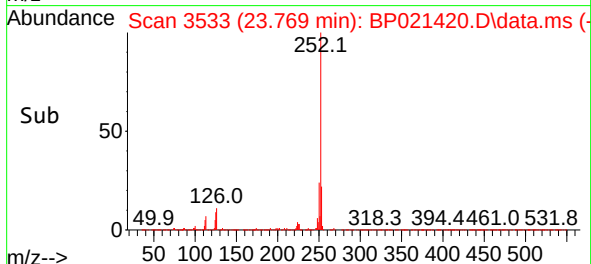
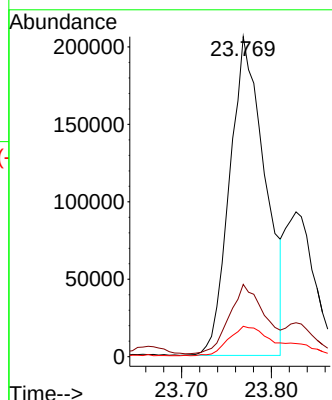
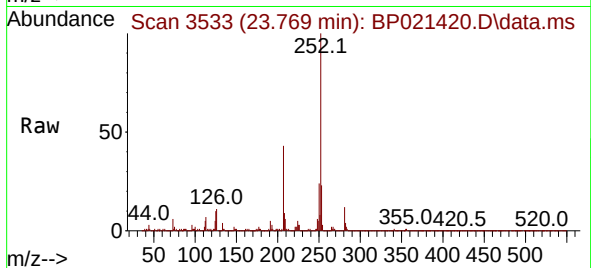
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024

Supervised By :mohammad
ahmed
08/09/2024



#91

Benzo(k)fluoranthene

Concen: 3.099 ng/ul m

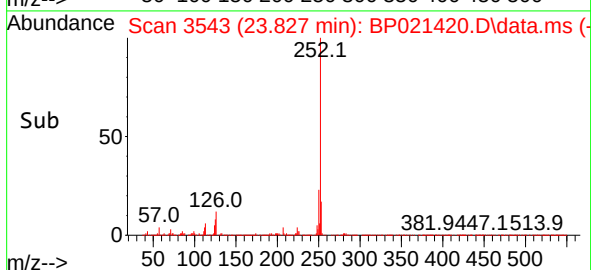
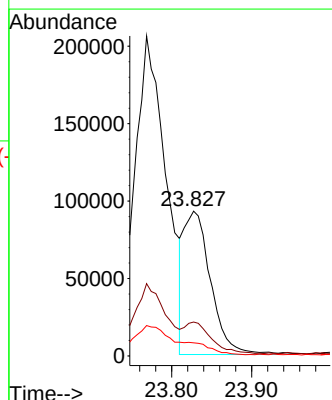
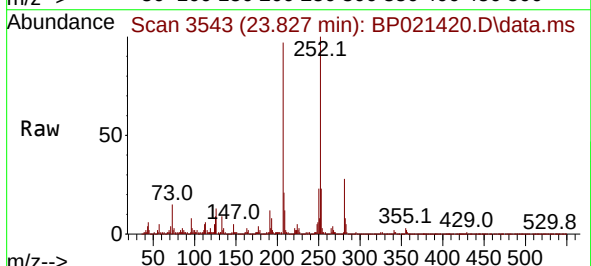
RT: 23.827 min Scan# 3543

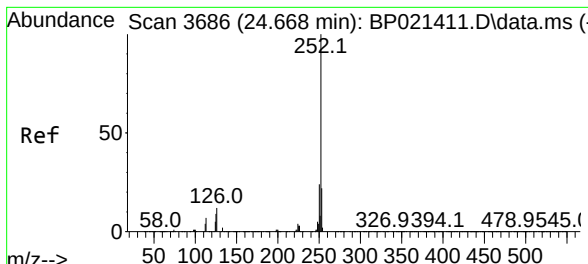
Delta R.T. -0.023 min

Lab File: BP021420.D

Acq: 07 Aug 2024 14:50

Tgt Ion:252	Resp: 215182
Ion Ratio	Lower Upper
252 100	
253 23.4	17.4 26.2
125 9.1	7.4 11.0





#93
 Benzo(a)pyrene
 Concen: 2.543 ng/ul
 RT: 24.651 min Scan# 30
 Delta R.T. -0.029 min
 Lab File: BP021420.D
 Acq: 07 Aug 2024 14:50

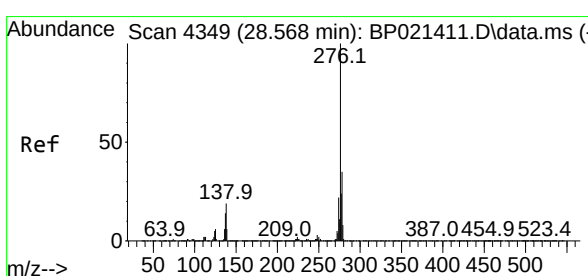
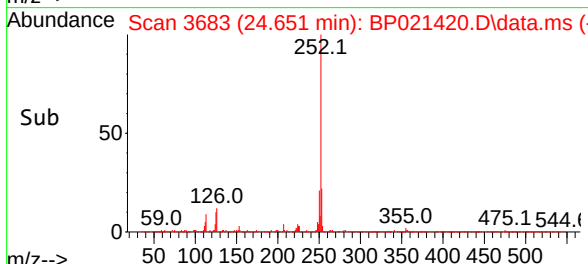
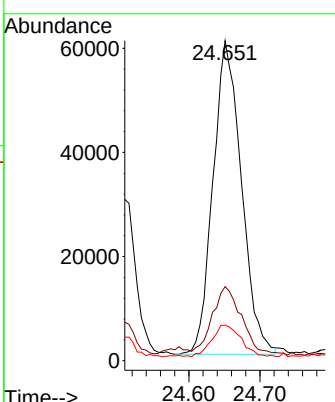
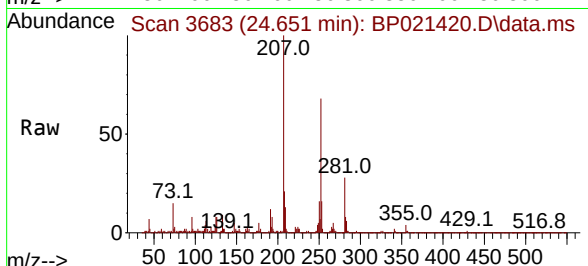
Instrument : BNA_P
 ClientSampleId : F7E01DL2

Tgt Ion:	252	Resp:	16717
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.0
125	11.1	7.7	11.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

Supervised By :mohammad
 ahmed
 08/09/2024



#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.078 ng/ul m
 RT: 28.610 min Scan# 4356
 Delta R.T. 0.012 min
 Lab File: BP021420.D
 Acq: 07 Aug 2024 14:50

Tgt Ion:	276	Resp:	91345
Ion Ratio	Lower	Upper	
276	100		
138	19.0	14.3	21.5
277	24.7	19.2	28.8

