

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021382.D
 Acq On : 05 Aug 2024 22:29
 Operator : CG/JU
 Sample : P3329-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E07

Quant Time: Aug 06 01:00:22 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 :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	187293	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.381	136	757119m	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.263	164	505993	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	955207	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	940133	20.000	ng/u1	# 0.00
88) Perylene-d12	24.827	264	1184739	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	13846	3.364	ng/uL	-0.01
4) Pyridine-d5	3.587	84	194990	16.364	ng/u1	0.00
7) Phenol-d5	6.852	99	326208	21.363	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	192668	20.821	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.175	132	274894	21.850	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	274981	21.683	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	140289	23.856	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.493	143	148616	22.080	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.063	165	278842	22.911	ng/u1	0.01
31) 4-Chloroaniline-d4	10.546	131	537348	33.327	ng/u1	-0.01
46) Dimethylphthalate-d6	13.669	166	811346	22.058	ng/u1	-0.01
49) Acenaphthylene-d8	13.945	160	920861	22.296	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.645	143	128742m	24.600	ng/u1	0.06
60) Fluorene-d10	15.281	176	725320	24.036	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	24903m	4.309	ng/u1	0.04
73) Anthracene-d10	17.204	188	1052259	24.802	ng/u1	0.01
81) Pyrene-d10	19.575	212	1264493	21.756	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	1500759m	25.684	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.881	94	39325	2.545	ng/u1#	84
13) 2-Methylphenol	8.093	108	38391	3.213	ng/u1	92
18) 4-Methylphenol	8.428	108	94622	7.391	ng/u1	100
26) 2,4-Dimethylphenol	9.599	107	266637	19.262	ng/u1	97
30) Naphthalene	10.434	128	51389679m	1290.387	ng/u1	
36) 2-Methylnaphthalene	12.069	142	18256484	667.821	ng/u1	98
37) 1-Methylnaphthalene	12.275	142	9524216	338.748	ng/u1	99
43) 1,1'-Biphenyl	13.075	154	5750381	155.505	ng/u1	99
50) Acenaphthylene	13.981	152	1252509	26.784	ng/u1#	94
52) Acenaphthene	14.339	153	13080009	421.420	ng/u1	99
56) Dibenzofuran	14.687	168	15449842	363.498	ng/u1	88
61) Fluorene	15.357	166	15500880	446.918	ng/u1	99
72) Phenanthrene	17.133	178	35523081m	716.880	ng/u1	
74) Anthracene	17.245	178	18378849m	363.817	ng/u1	
77) Carbazole	17.551	167	13621569	329.853	ng/u1	97
80) Fluoranthene	19.227	202	24263910m	345.679	ng/u1	
82) Pyrene	19.610	202	21447616m	300.274	ng/u1	
85) Benzo(a)anthracene	21.516	228	10406287	158.014	ng/u1	95
87) Chrysene	21.586	228	8240484m	134.659	ng/u1	
90) Benzo(b)fluoranthene	23.792	252	6076208	84.514	ng/u1	98
91) Benzo(k)fluoranthene	23.845	252	2511309	35.001	ng/u1	98
93) Benzo(a)pyrene	24.674	252	3976024	58.523	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	28.574	276	1387049	15.843	ng/u1	99
95) Dibenzo(a,h)anthracene	28.598	278	413852m	5.709	ng/u1	

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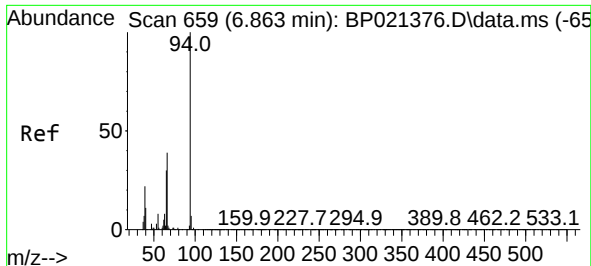
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 06 01:00:22 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) Benzo(g,h,i)perylene	29.756	276	1041717m	14.610	ng/ul	

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



#8

Phenol

Concen: 2.545 ng/ul

RT: 6.881 min Scan# 60

Delta R.T. 0.006 min

Lab File: BP021382.D

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Instrument :

BNA_P

ClientSampleId :

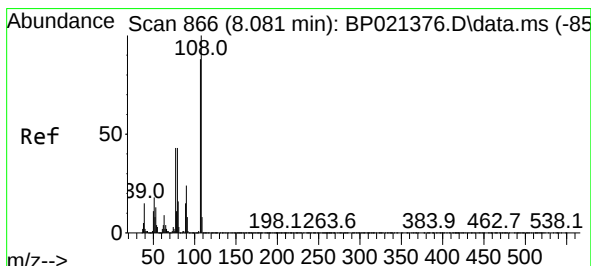
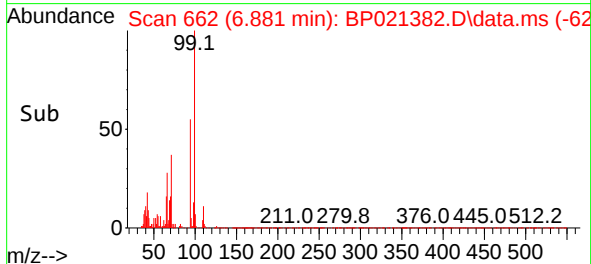
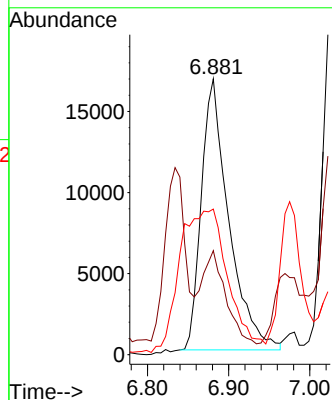
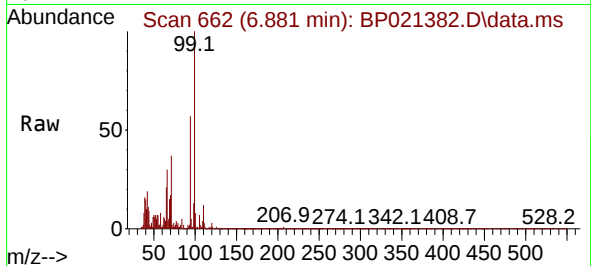
F7E07

Tgt Ion: 94	Resp: 3932
Ion Ratio	Lower Upper
94 100	
65 37.7	23.4 35.0
66 52.8	33.9 50.9

Manual Integrations

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#13

2-Methylphenol

Concen: 3.213 ng/ul

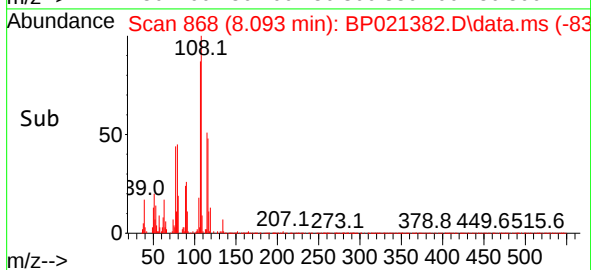
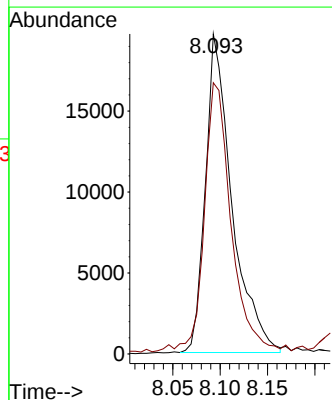
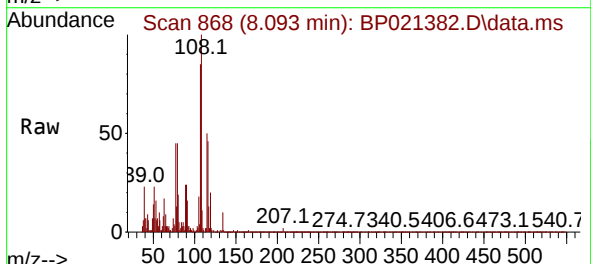
RT: 8.093 min Scan# 868

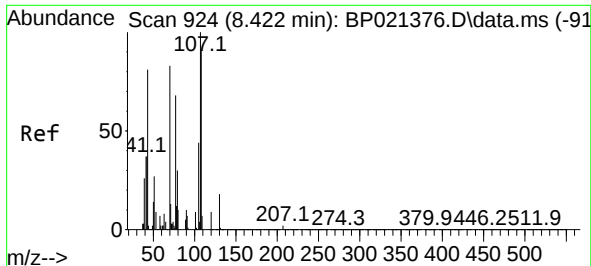
Delta R.T. -0.006 min

Lab File: BP021382.D

Acq: 05 Aug 2024 22:29

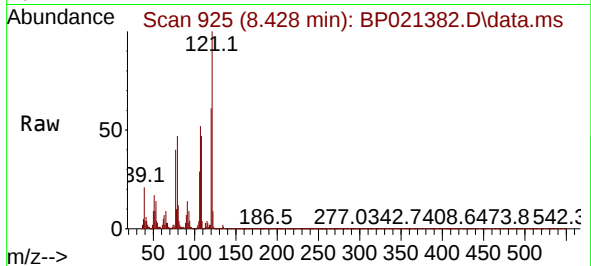
Tgt Ion:108	Resp: 38391
Ion Ratio	Lower Upper
108 100	
107 84.7	73.8 110.8





#18
4-Methylphenol
Concen: 7.391 ng/ul
RT: 8.428 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP021382.D
Acq: 05 Aug 2024 22:29

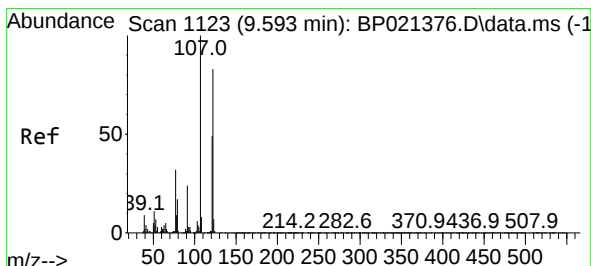
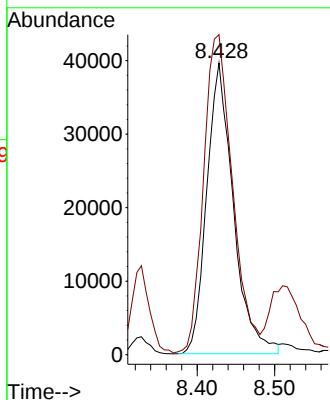
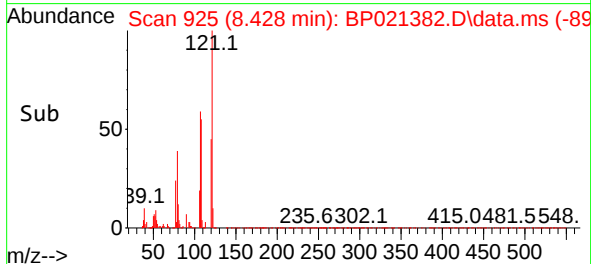
Instrument :
BNA_P
ClientSampleId :
F7E07



Tgt Ion:108 Resp: 9462
Ion Ratio Lower Upper
108 100
107 109.7 87.8 131.8

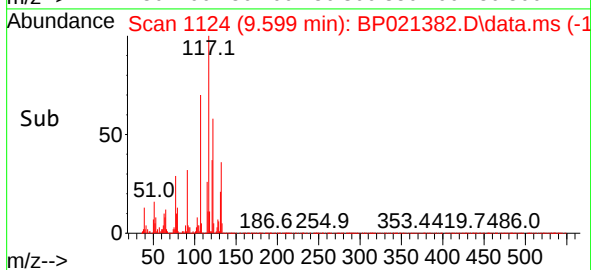
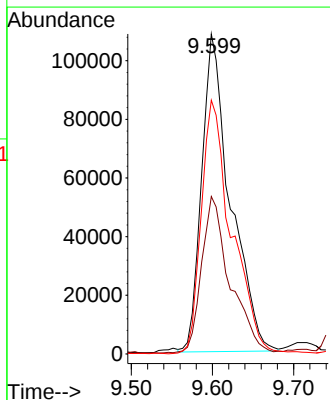
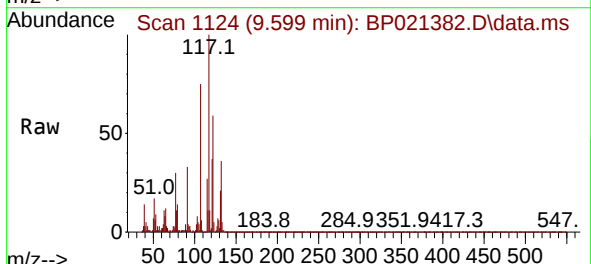
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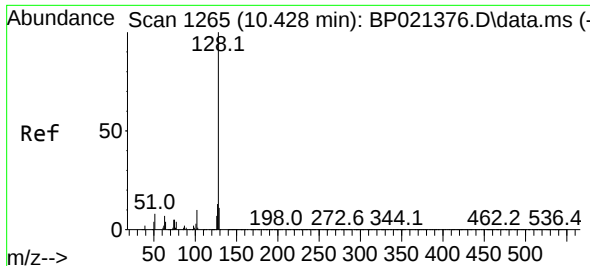
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#26
2,4-Dimethylphenol
Concen: 19.262 ng/ul
RT: 9.599 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BP021382.D
Acq: 05 Aug 2024 22:29

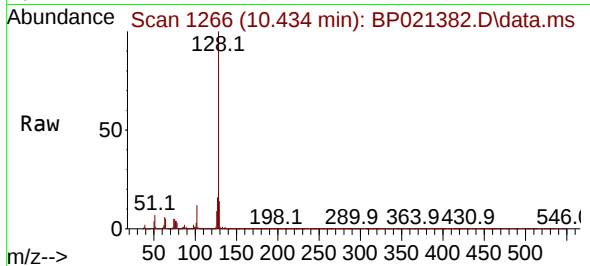
Tgt Ion:107 Resp: 266637
Ion Ratio Lower Upper
107 100
121 49.2 39.6 59.4
122 79.3 66.3 99.5





#30
Naphthalene
Concen: 1290.387 ng/ul m
RT: 10.434 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP021382.D
Acq: 05 Aug 2024 22:29

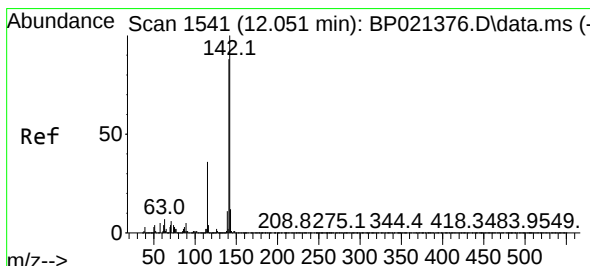
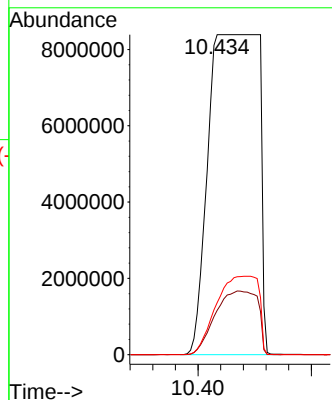
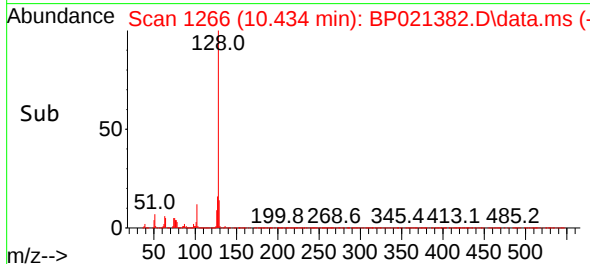
Instrument :
BNA_P
ClientSampleId :
F7E07



Tgt Ion:128 Resp:51389679
Ion Ratio Lower Upper
128 100
129 13.9 8.6 13.0
127 16.2 10.8 16.2

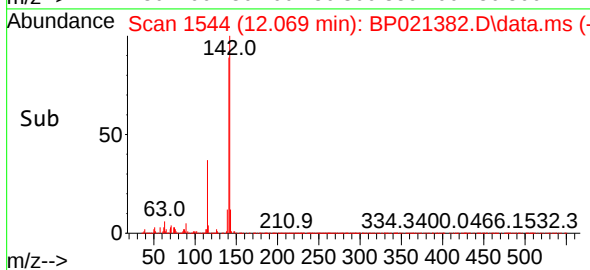
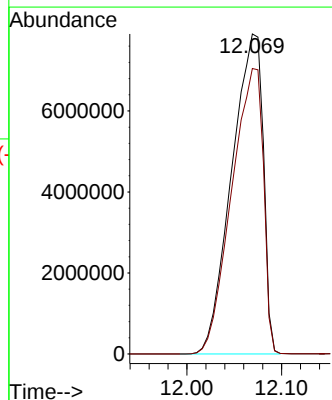
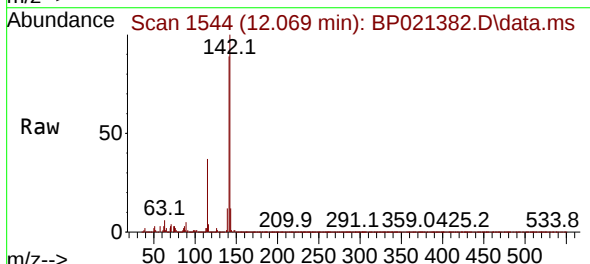
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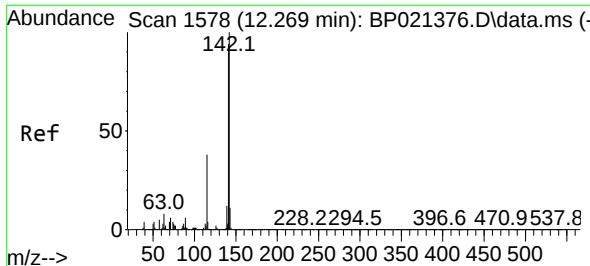
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#36
2-Methylnaphthalene
Concen: 667.821 ng/ul
RT: 12.069 min Scan# 1544
Delta R.T. 0.000 min
Lab File: BP021382.D
Acq: 05 Aug 2024 22:29

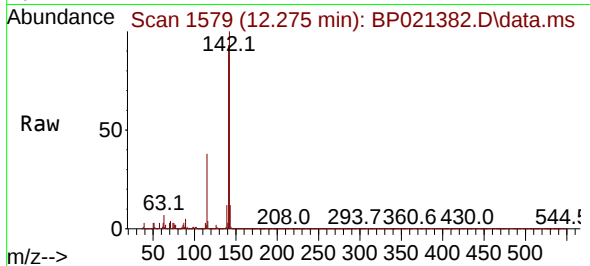
Tgt Ion:142 Resp:18256484
Ion Ratio Lower Upper
142 100
141 89.2 72.6 108.8





#37
1-Methylnaphthalene
Concen: 338.748 ng/ul
RT: 12.275 min Scan# 1579
Delta R.T. -0.017 min
Lab File: BP021382.D
Acq: 05 Aug 2024 22:29

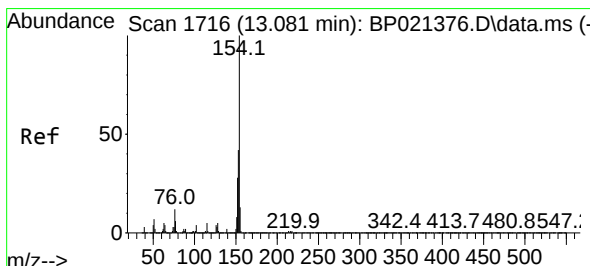
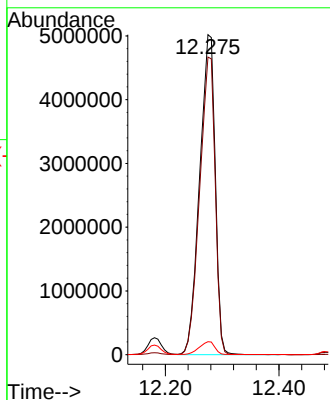
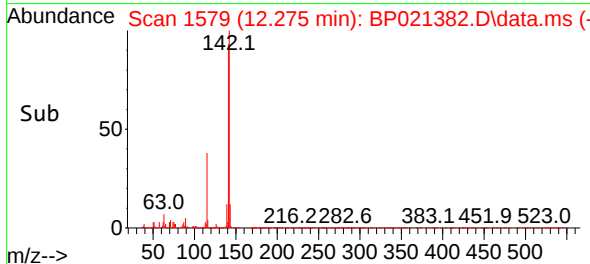
Instrument :
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F7E07



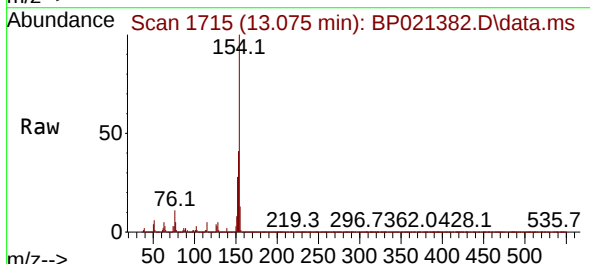
Tgt Ion:142 Resp: 9524210
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.6
116 4.1 3.2 4.8

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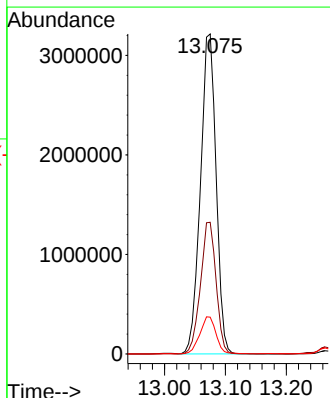
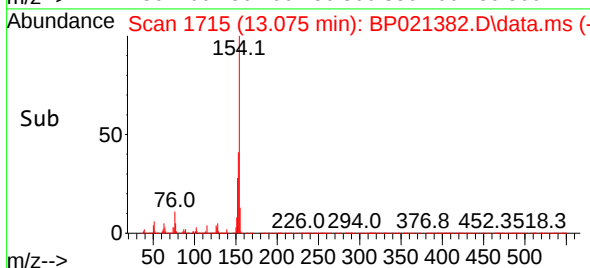
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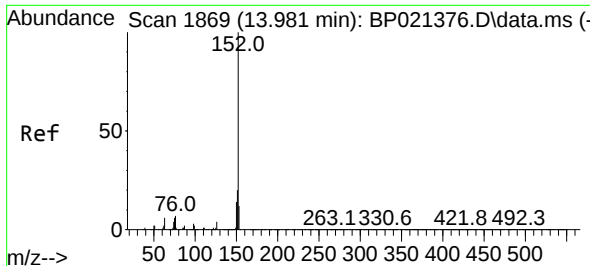


#43
1,1'-Biphenyl
Concen: 155.505 ng/ul
RT: 13.075 min Scan# 1715
Delta R.T. -0.011 min
Lab File: BP021382.D
Acq: 05 Aug 2024 22:29



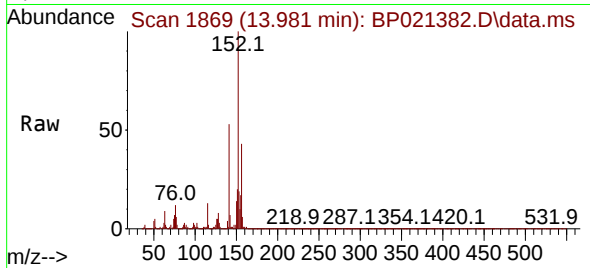
Tgt Ion:154 Resp: 5750381
Ion Ratio Lower Upper
154 100
153 41.2 32.7 49.1
76 11.5 9.4 14.2





#50
Acenaphthylene
Concen: 26.784 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. -0.011 min
Lab File: BP021382.D
Acq: 05 Aug 2024 22:29

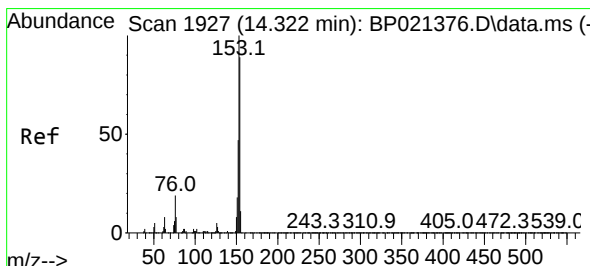
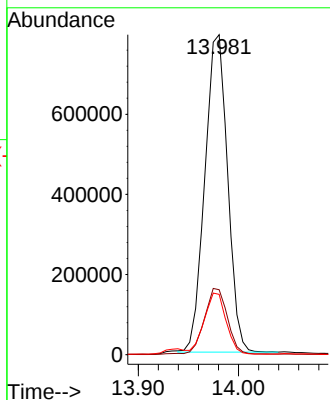
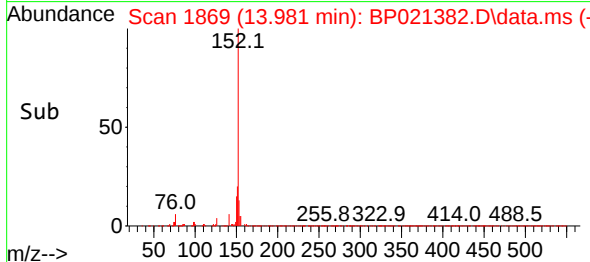
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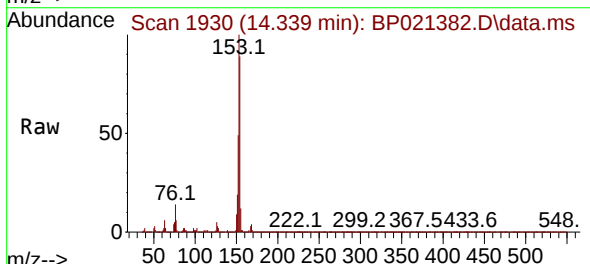
Tgt Ion:152 Resp: 1252509
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 18.8 10.3 15.5

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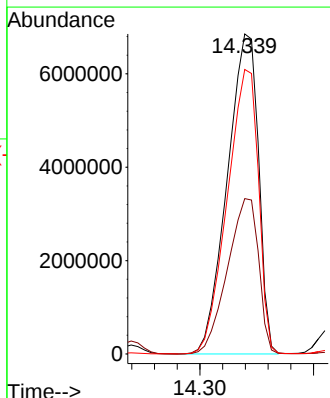
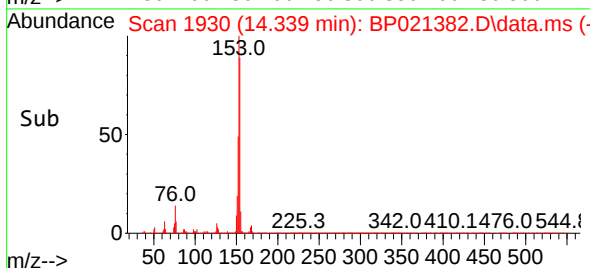
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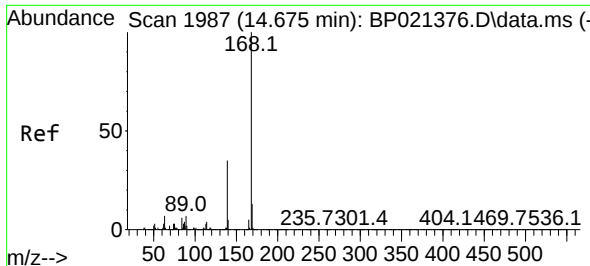


#52
Acenaphthene
Concen: 421.420 ng/ul
RT: 14.339 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BP021382.D
Acq: 05 Aug 2024 22:29



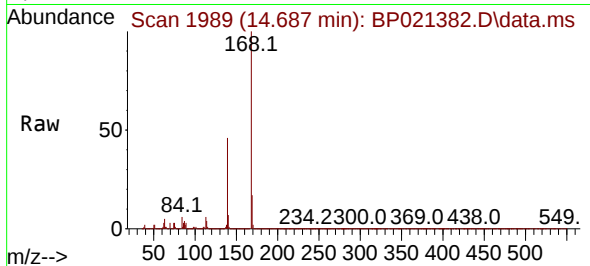
Tgt Ion:153 Resp:13080009
Ion Ratio Lower Upper
153 100
152 48.6 37.8 56.6
154 88.9 71.8 107.6





#56
Dibenzenofuran
Concen: 363.498 ng/ul
RT: 14.687 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BP021382.D
Acq: 05 Aug 2024 22:29

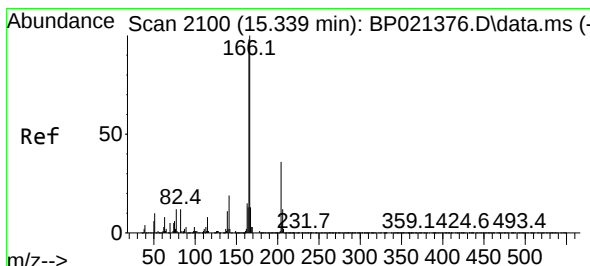
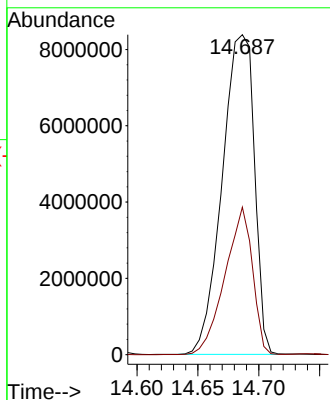
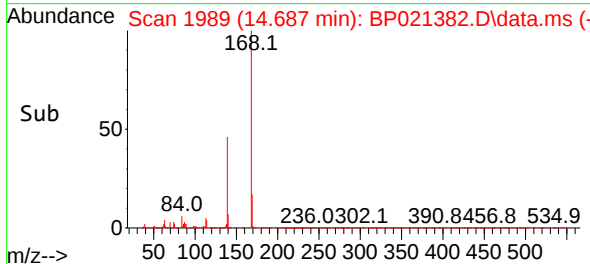
Instrument :
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Tgt Ion:168 Resp:1544984
Ion Ratio Lower Upper
168 100
139 46.1 31.1 46.7

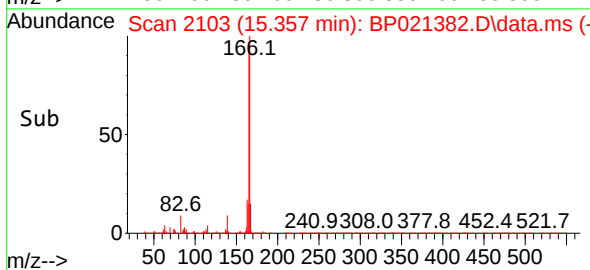
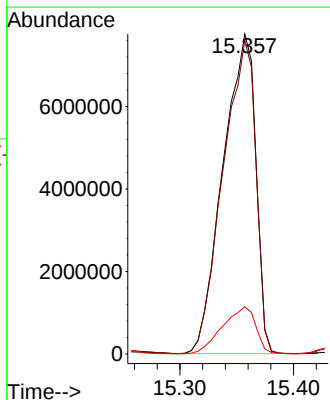
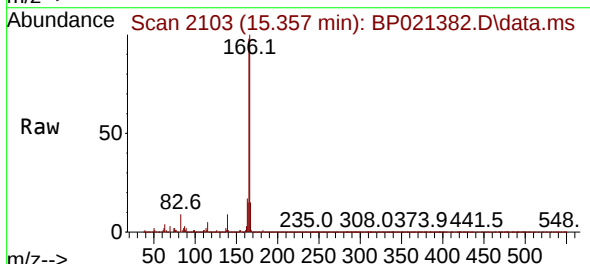
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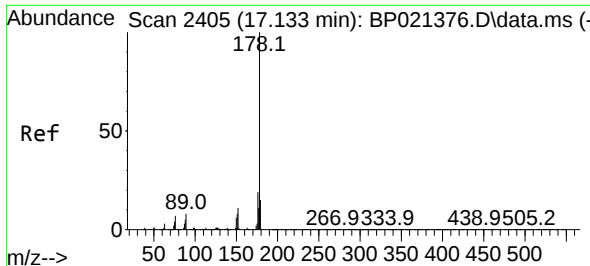
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#61
Fluorene
Concen: 446.918 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. 0.012 min
Lab File: BP021382.D
Acq: 05 Aug 2024 22:29

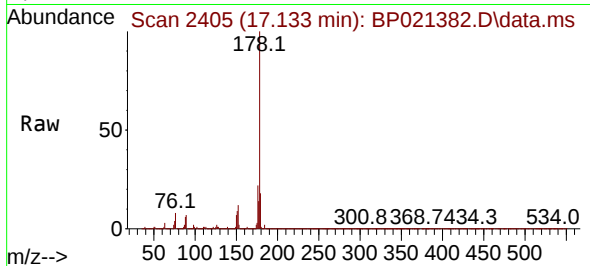
Tgt Ion:166 Resp:15500880
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 14.7 10.9 16.3





#72
Phenanthrene
Concen: 716.880 ng/ul m
RT: 17.133 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BP021382.D
Acq: 05 Aug 2024 22:29

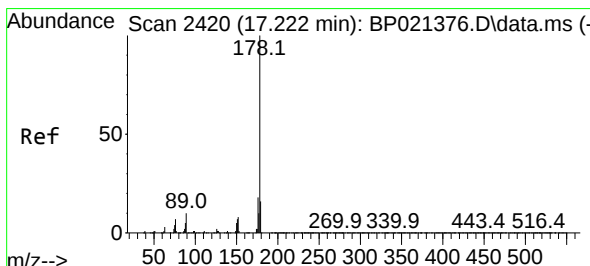
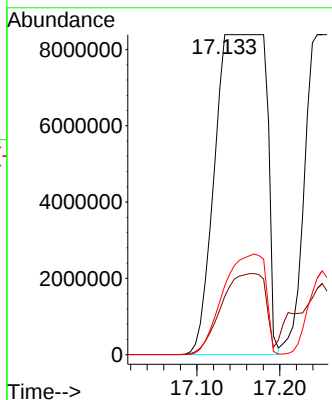
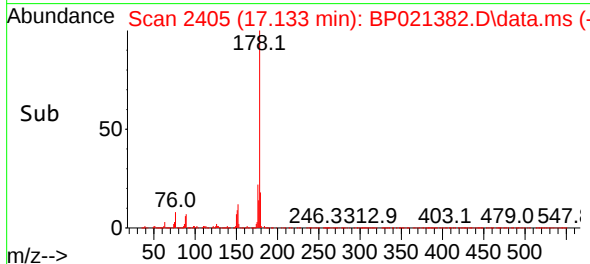
Instrument :
BNA_P
ClientSampleId :
F7E07



Tgt Ion:178 Resp:3552308
Ion Ratio Lower Upper
178 100
179 18.2 12.2 18.4
176 21.6 15.0 22.4

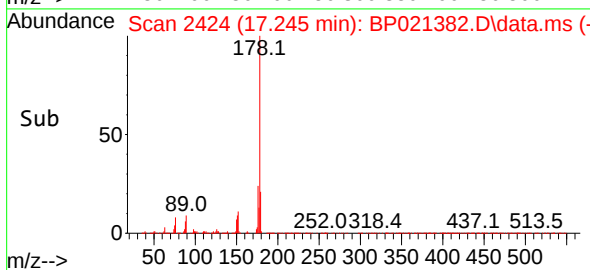
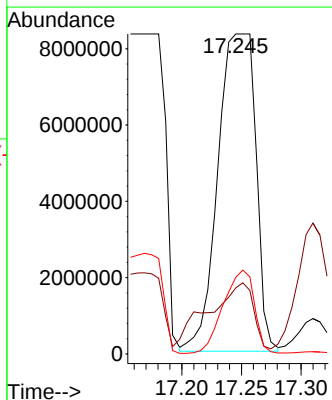
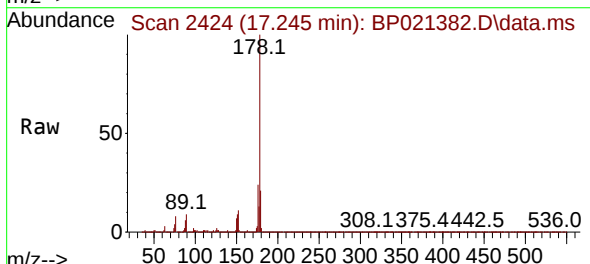
Manual Integrations
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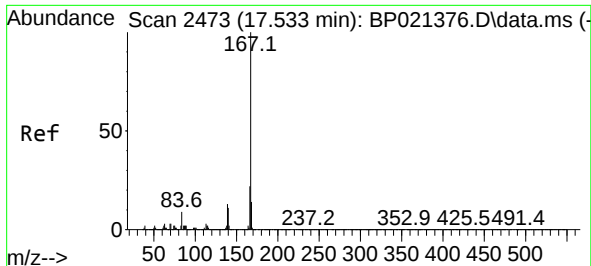
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#74
Anthracene
Concen: 363.817 ng/ul m
RT: 17.245 min Scan# 2424
Delta R.T. 0.012 min
Lab File: BP021382.D
Acq: 05 Aug 2024 22:29

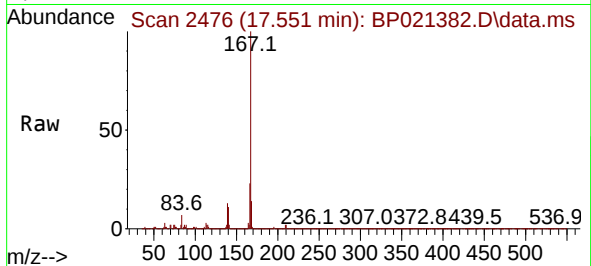
Tgt Ion:178 Resp:18378849
Ion Ratio Lower Upper
178 100
179 20.7 12.5 18.7#
176 24.0 14.8 22.2#





#77
 Carbazole
 Concen: 329.853 ng/ul
 RT: 17.551 min Scan# 2476
 Delta R.T. 0.030 min
 Lab File: BP021382.D
 Acq: 05 Aug 2024 22:29

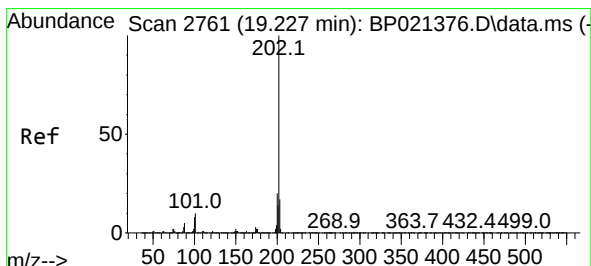
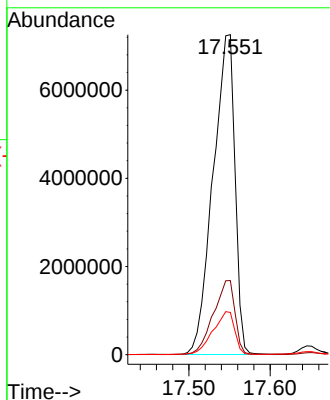
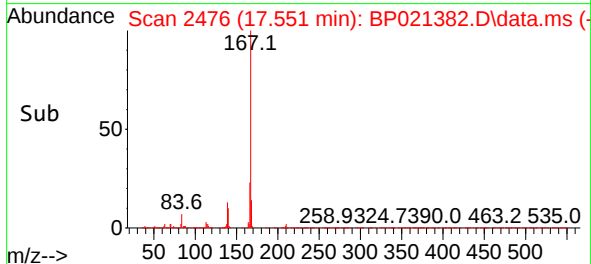
Instrument :
 BNA_P
 ClientSampleId :
 F7E07



Tgt Ion:167 Resp:13621569
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.3 25.9
 139 13.2 10.2 15.2

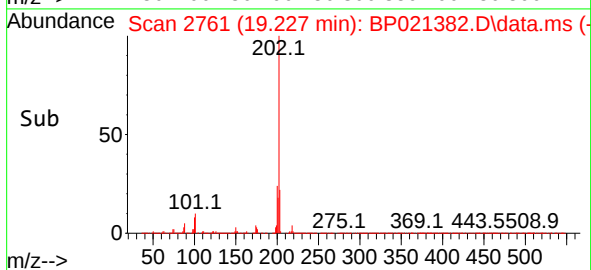
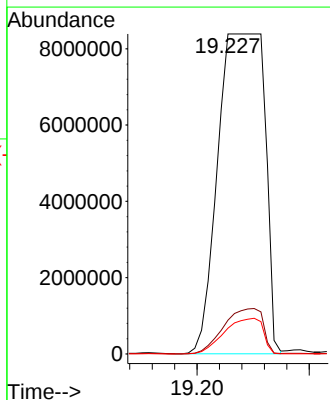
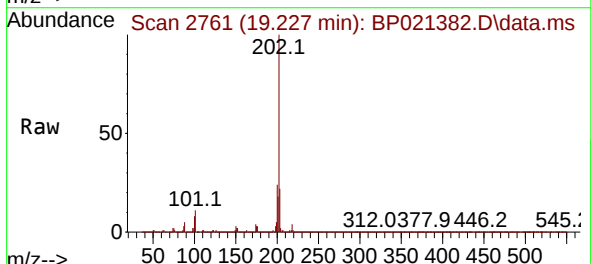
Manual Integrations
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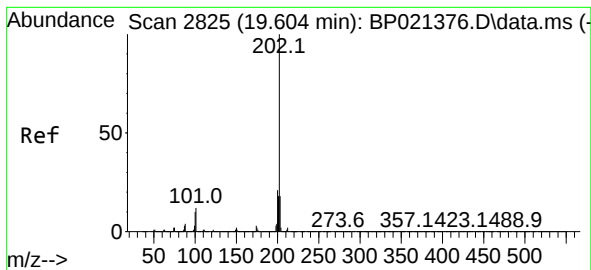
Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024



#80
 Fluoranthene
 Concen: 345.679 ng/ul m
 RT: 19.227 min Scan# 2761
 Delta R.T. -0.006 min
 Lab File: BP021382.D
 Acq: 05 Aug 2024 22:29

Tgt Ion:202 Resp:24263910
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.0 12.0
 100 8.0 6.1 9.1





#82

Pyrene

Concen: 300.274 ng/ul m

RT: 19.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021382.D

Acq: 05 Aug 2024 22:29

Instrument :

BNA_P

ClientSampleId :

F7E07

Tgt Ion:202 Resp:21447610

Ion Ratio Lower Upper

202 100

101 13.0 9.4 14.2

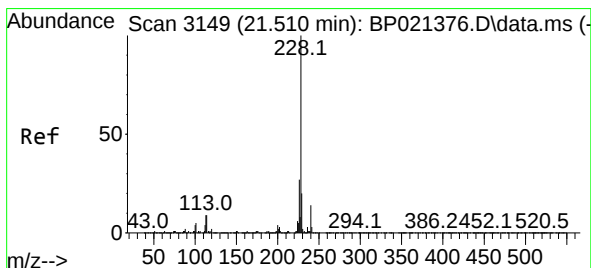
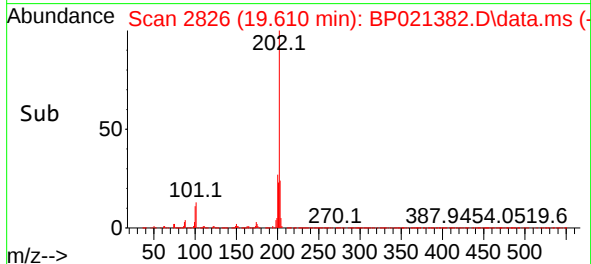
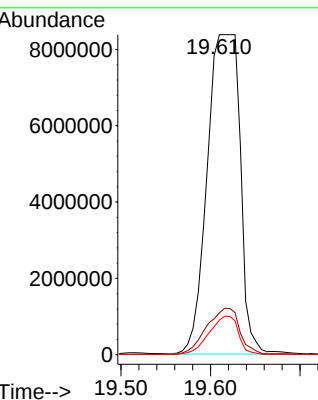
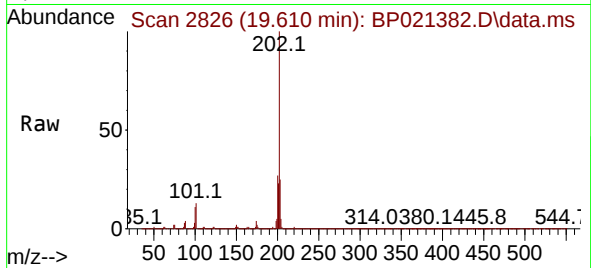
100 10.8 7.8 11.6

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Reviewed By :Jagrut Upadhyay 08/06/2024

Supervised By :mohammad ahmed 08/07/2024



#85

Benzo(a)anthracene

Concen: 158.014 ng/ul

RT: 21.516 min Scan# 3150

Delta R.T. 0.006 min

Lab File: BP021382.D

Acq: 05 Aug 2024 22:29

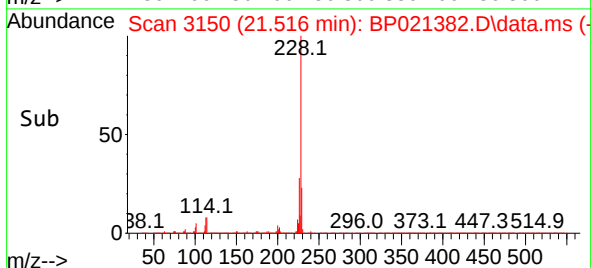
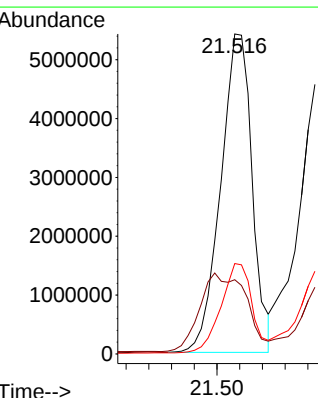
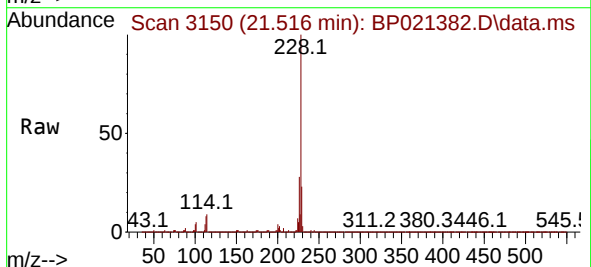
Tgt Ion:228 Resp:10406287

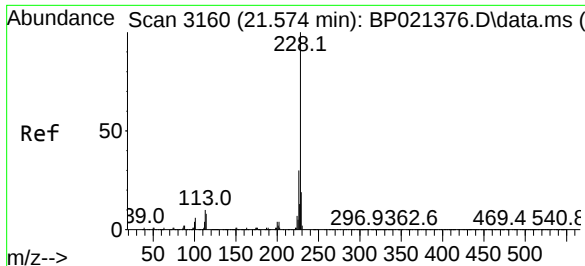
Ion Ratio Lower Upper

228 100

229 23.2 15.5 23.3

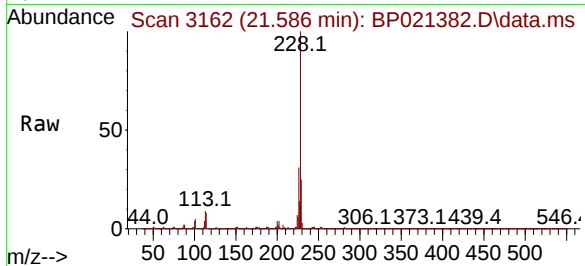
226 28.3 21.4 32.2





#87
Chrysene
Concen: 134.659 ng/ul m
RT: 21.586 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BP021382.D
Acq: 05 Aug 2024 22:29

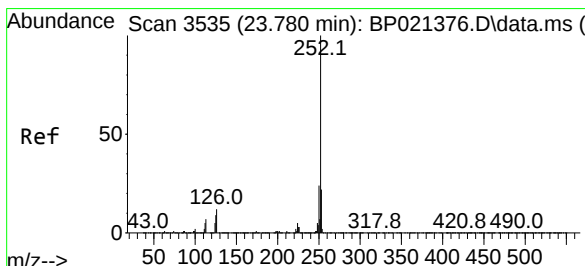
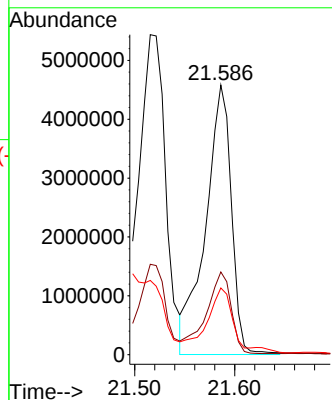
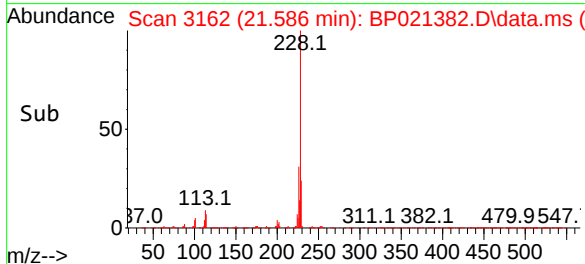
Instrument :
BNA_P
ClientSampleId :
F7E07



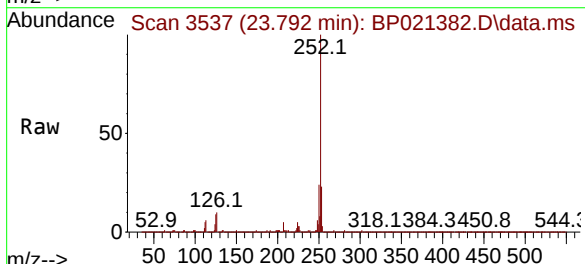
Tgt Ion:228 Resp: 8240484
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 24.7 15.5 23.3

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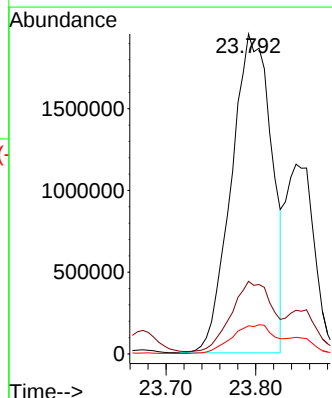
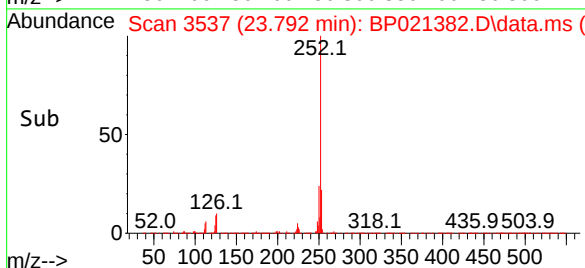
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

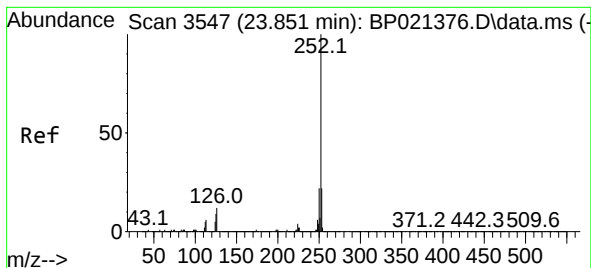


#90
Benzo(b)fluoranthene
Concen: 84.514 ng/ul
RT: 23.792 min Scan# 3537
Delta R.T. 0.006 min
Lab File: BP021382.D
Acq: 05 Aug 2024 22:29



Tgt Ion:252 Resp: 6076208
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 8.8 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 35.001 ng/u1

RT: 23.845 min Scan# 3547

Delta R.T. -0.006 min

Lab File: BP021382.D

Acq: 05 Aug 2024 22:29

Instrument :

BNA_P

ClientSampleId :

F7E07

Tgt Ion:252 Resp: 2511309

Ion Ratio Lower Upper

252 100

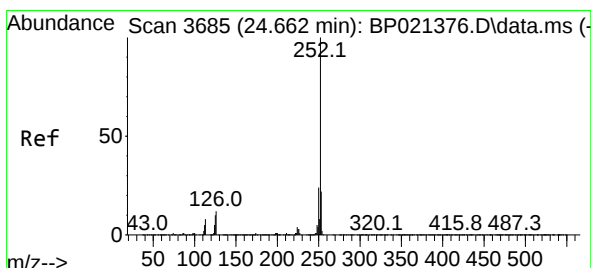
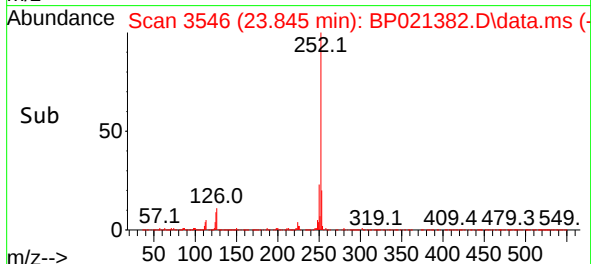
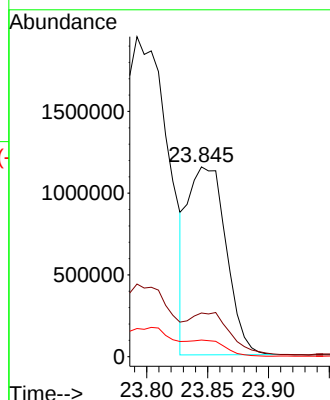
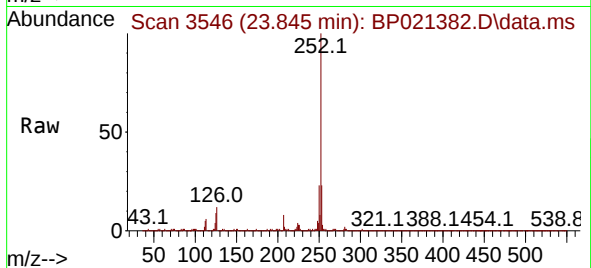
253 23.0 17.4 26.2

125 8.8 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#93

Benzo(a)pyrene

Concen: 58.523 ng/u1

RT: 24.674 min Scan# 3687

Delta R.T. -0.006 min

Lab File: BP021382.D

Acq: 05 Aug 2024 22:29

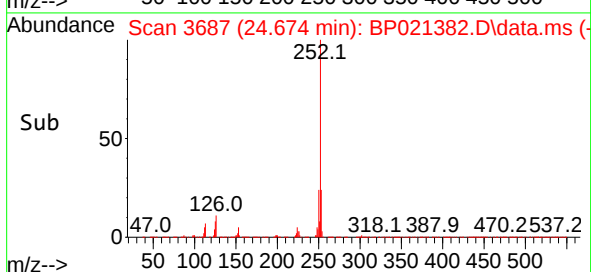
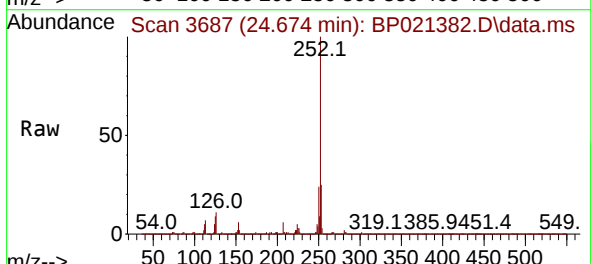
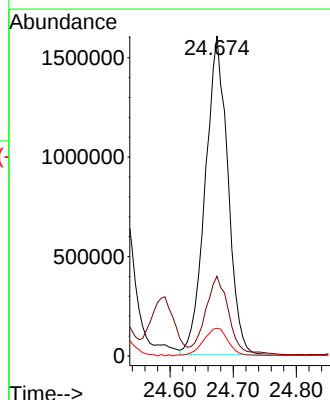
Tgt Ion:252 Resp: 3976024

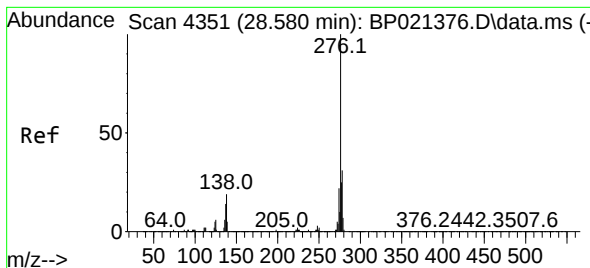
Ion Ratio Lower Upper

252 100

253 24.9 17.4 26.0

125 8.6 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 15.843 ng/ul

RT: 28.574 min Scan# 4351

Delta R.T. -0.023 min

Lab File: BP021382.D

Acq: 05 Aug 2024 22:29

Instrument :

BNA_P

ClientSampleId :

F7E07

Tgt Ion:276 Resp: 1387049

Ion Ratio Lower Upper

276 100

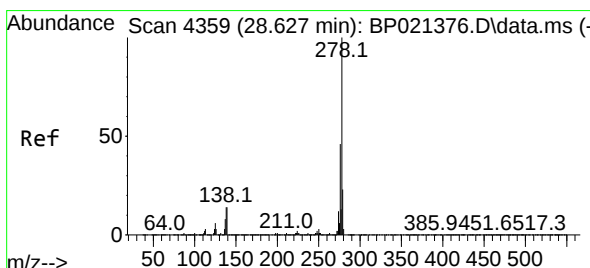
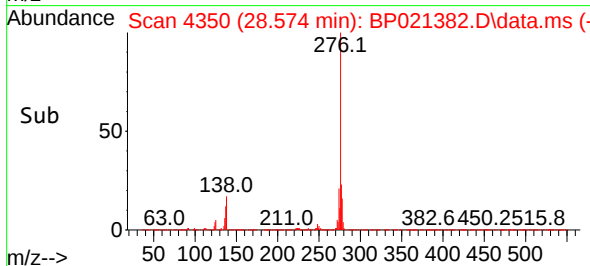
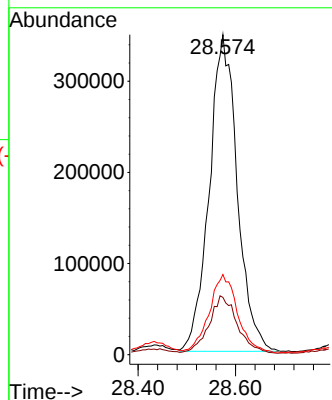
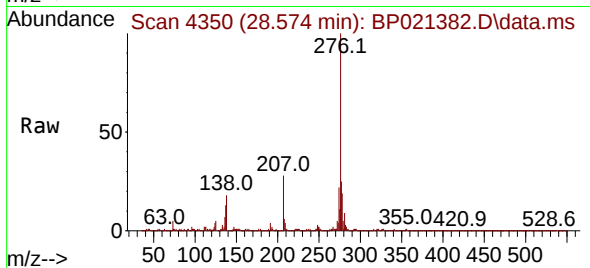
138 17.9 14.3 21.5

277 25.0 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#95

Dibenzo(a,h)anthracene

Concen: 5.709 ng/ul m

RT: 28.598 min Scan# 4354

Delta R.T. -0.041 min

Lab File: BP021382.D

Acq: 05 Aug 2024 22:29

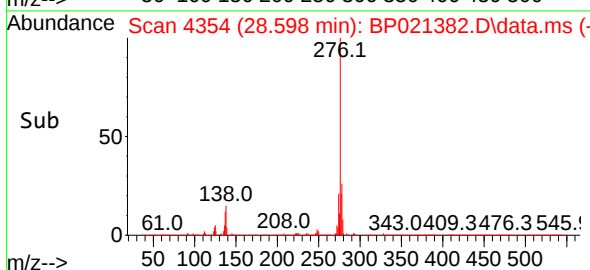
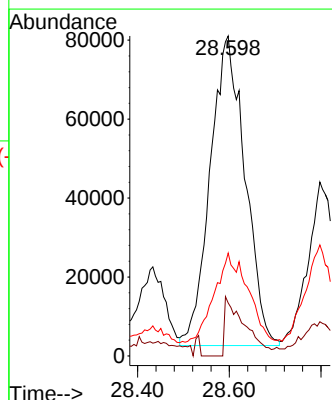
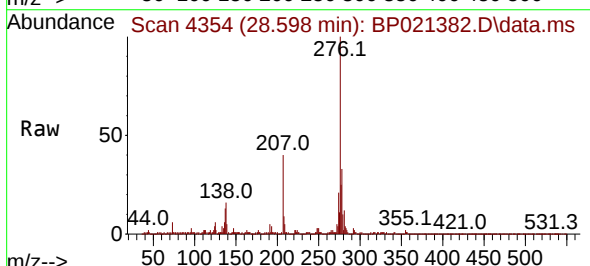
Tgt Ion:278 Resp: 413852

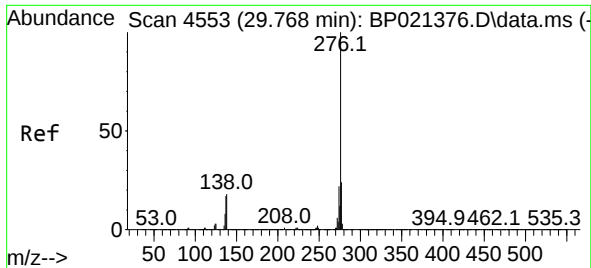
Ion Ratio Lower Upper

278 100

139 16.5 10.9 16.3#

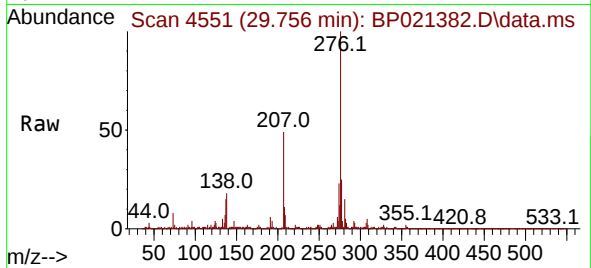
279 32.1 19.4 29.0#





#96
Benzo(g,h,i)perylene
Concen: 14.610 ng/ul m
RT: 29.756 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP021382.D
Acq: 05 Aug 2024 22:29

Instrument :
BNA_P
ClientSampleId :
F7E07



Tgt Ion:276 Resp: 104171
Ion Ratio Lower Upper
276 100
138 18.0 15.3 22.9
277 25.0 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

