

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
 Data File : BP011456.D
 Acq On : 17 Aug 2022 11:21
 Operator : CG/JU
 Sample : N4173-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EX7P2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
 Supervised By :Sohil Jodhani 08/18/2022

Quant Time: Aug 17 23:25:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	126943	20.000	ng/u1	0.00
20) Naphthalene-d8	10.346	136	558869	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.234	164	318309	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.010	188	596216	20.000	ng/u1	0.00
79) Chrysene-d12	21.151	240	570070	20.000	ng/u1	0.02
88) Perylene-d12	23.451	264	551412	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	5435	1.329	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.746	99	102050	8.748	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.911	67	59603	7.864	ng/u1	0.00
11) 2-Chlorophenol-d4	7.093	132	86257	10.053	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	80371	8.608	ng/u1	0.00
21) Nitrobenzene-d5	8.722	128	33485	8.322	ng/u1	0.00
24) 2-Nitrophenol-d4	9.440	143	35425	8.651	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	74474	9.853	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	7486m	0.595	ng/u1	0.04
46) Dimethylphthalate-d6	13.657	166	302440	13.434	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	293723	11.739	ng/u1	0.00
54) 4-Nitrophenol-d4	14.463	143	52220	12.039	ng/u1	0.00
60) Fluorene-d10	15.234	176	277270	14.639	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.381	200	23367	7.253	ng/u1	0.01
73) Anthracene-d10	17.110	188	531822	20.140	ng/u1	0.00
81) Pyrene-d10	19.375	212	624865	21.665	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.310	264	605301	22.567	ng/u1	0.03
Target Compounds						
					Qvalue	
8) Phenol	6.775	94	15610	1.302	ng/u1	97
16) Acetophenone	8.393	105	22953	1.478	ng/u1	90
18) 4-Methylphenol	8.346	108	16001	1.637	ng/u1	92
30) Naphthalene	10.399	128	1152256	39.048	ng/u1	99
36) 2-Methylnaphthalene	12.022	142	195273	10.171	ng/u1	99
37) 1-Methylnaphthalene	12.246	142	154799	7.950	ng/u1	95
43) 1,1'-Biphenyl	13.057	154	97479	4.110	ng/u1	99
50) Acenaphthylene	13.951	152	1226251	41.251	ng/u1	99
52) Acenaphthene	14.293	153	65861	3.308	ng/u1	92
56) Dibenzofuran	14.634	168	757358	27.584	ng/u1	97
61) Fluorene	15.293	166	522263	23.251	ng/u1	99
72) Phenanthrene	17.063	178	11011665	341.223	ng/u1	98
74) Anthracene	17.145	178	2124873	65.265	ng/u1	100
77) Carbazole	17.422	167	769380	25.124	ng/u1	99
80) Fluoranthene	19.057	202	18168740m	512.231	ng/u1	
82) Pyrene	19.416	202	16141404	433.101	ng/u1	99
85) Benzo(a)anthracene	21.139	228	10018687	288.459	ng/u1	94
87) Chrysene	21.192	228	8482982	248.636	ng/u1	94
90) Benzo(b)fluoranthene	22.780	252	13319810	388.330	ng/u1	97
91) Benzo(k)fluoranthene	22.816	252	4865825m	148.654	ng/u1	
93) Benzo(a)pyrene	23.374	252	8089602	241.570	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	25.868	276	7205993	192.923	ng/u1	96
95) Dibenzo(a,h)anthracene	25.868	278	1726726	53.689	ng/u1#	78
96) Benzo(g,h,i)perylene	26.604	276	5363043	168.796	ng/u1	98

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

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

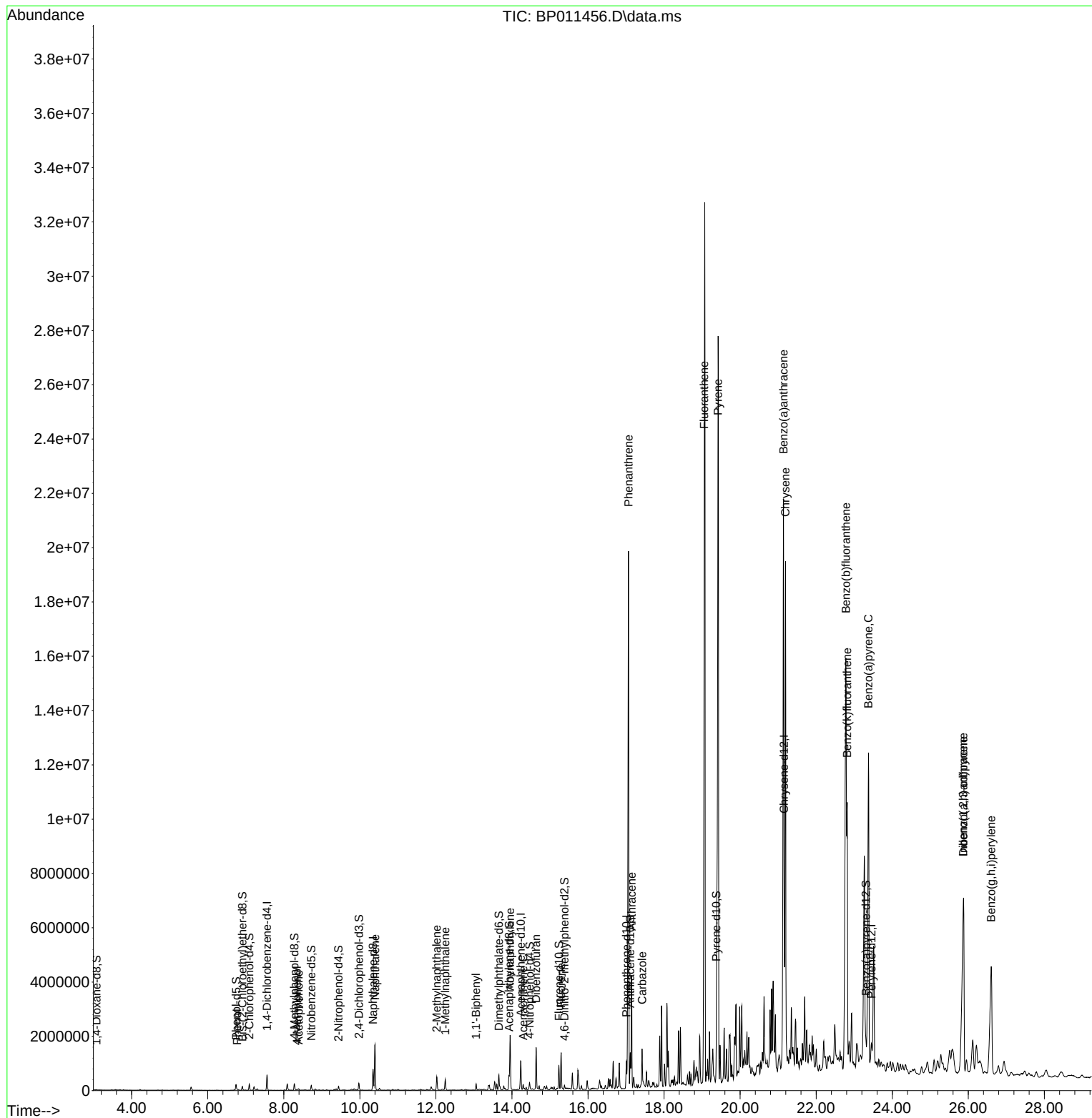
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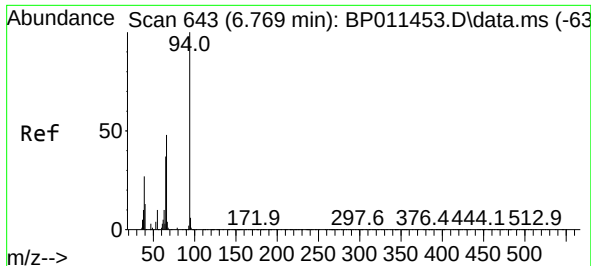
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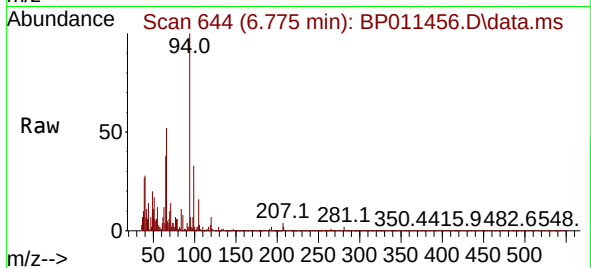
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#8
Phenol
Concen: 1.302 ng/ul
RT: 6.775 min Scan# 643
Delta R.T. 0.006 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

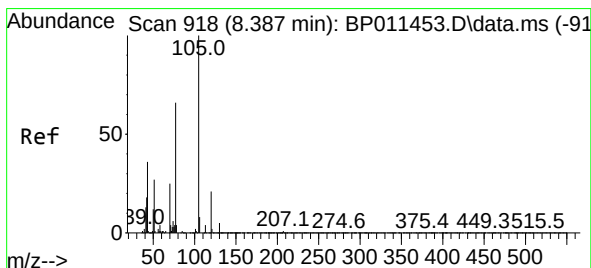
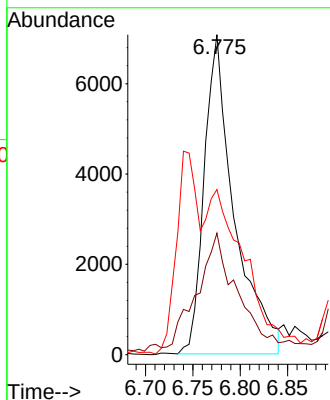
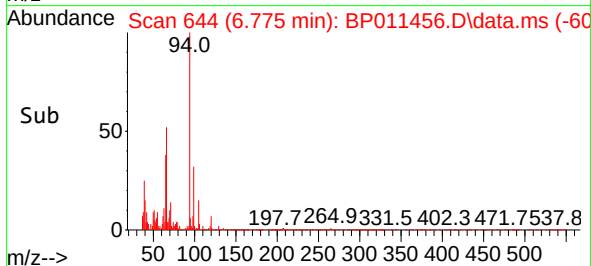
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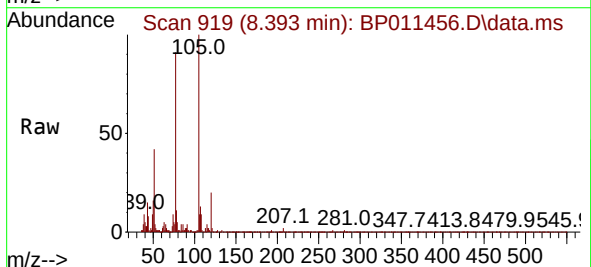
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Ion Ratio Lower Upper
94 100
65 37.9 28.9 43.3
66 51.6 39.4 59.0

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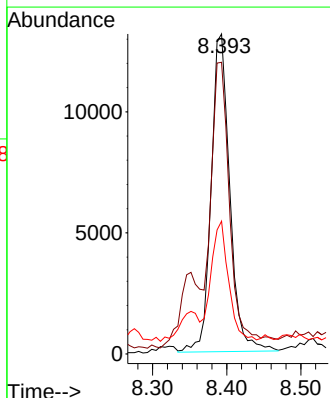
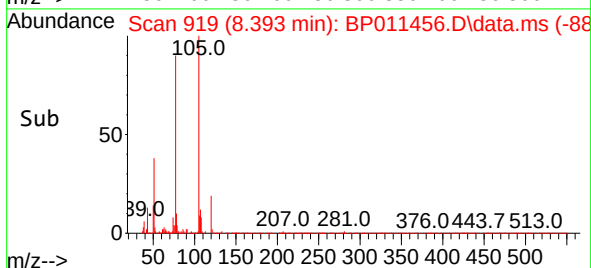
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022

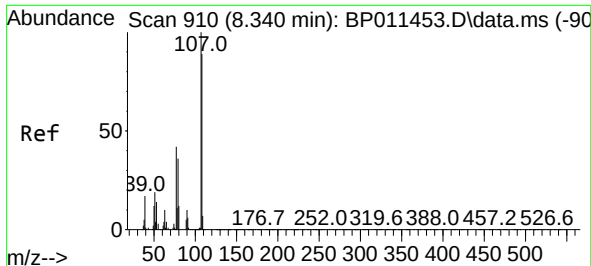


#16
Acetophenone
Concen: 1.478 ng/ul
RT: 8.393 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21



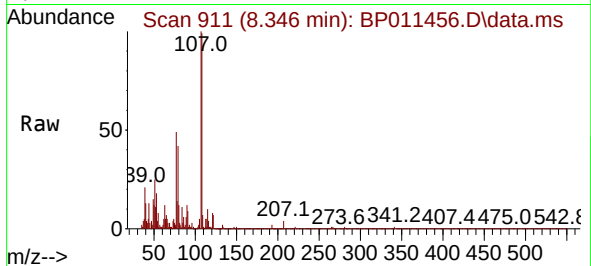
Tgt Ion:105 Resp: 22953
Ion Ratio Lower Upper
105 100
77 91.1 66.4 99.6
51 41.5 28.2 42.4





#18
4-Methylphenol
Concen: 1.637 ng/ul
RT: 8.346 min Scan# 910
Delta R.T. 0.000 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

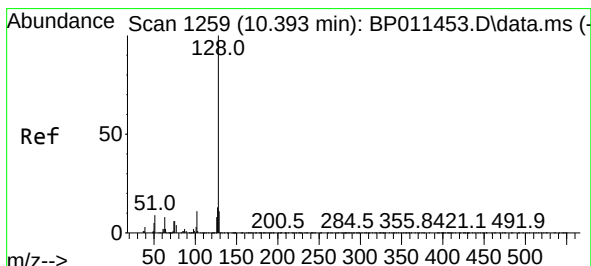
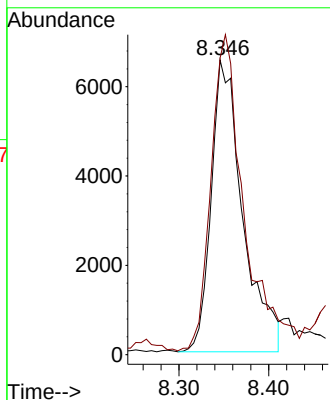
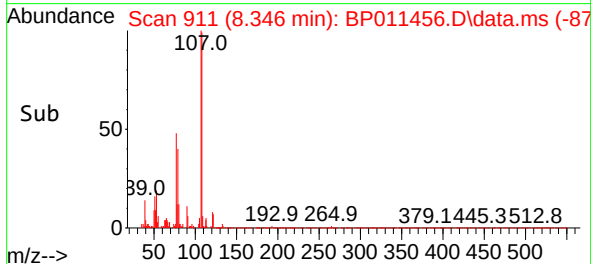
Instrument :
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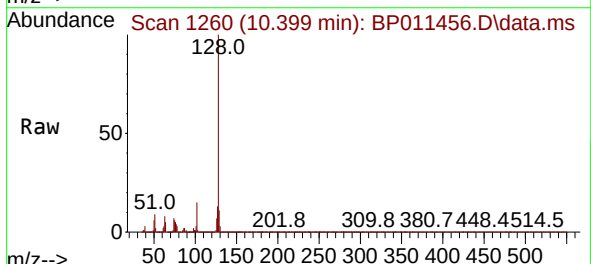
Tgt Ion:108 Resp: 1600
Ion Ratio Lower Upper
108 100
107 100.7 87.7 131.5

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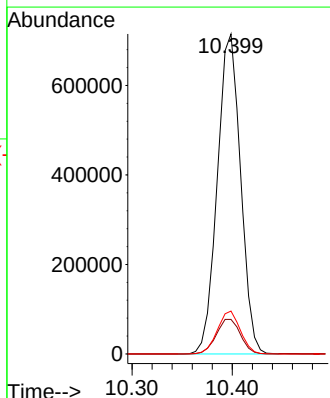
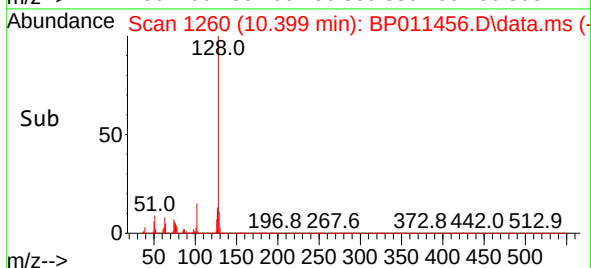
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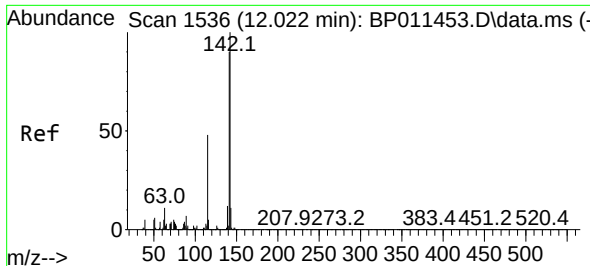


#30
Naphthalene
Concen: 39.048 ng/ul
RT: 10.399 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21



Tgt Ion:128 Resp: 1152256
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.4 10.3 15.5





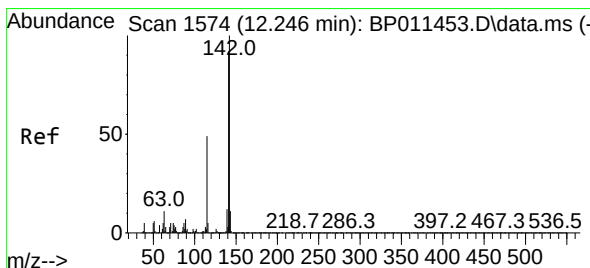
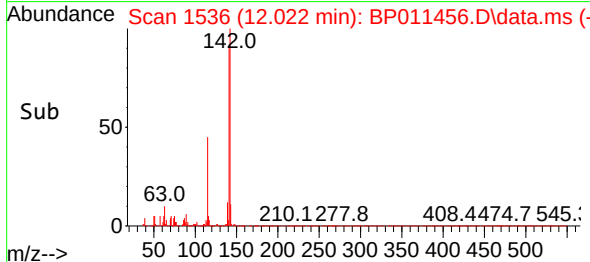
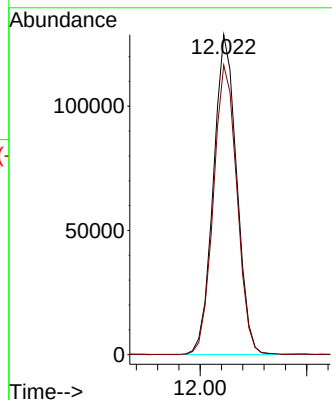
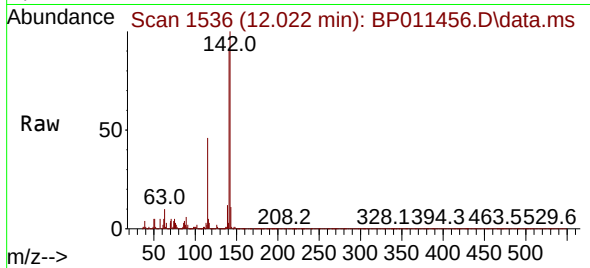
#36
2-Methylnaphthalene
Concen: 10.171 ng/ul
RT: 12.022 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Instrument :
BNA_P
ClientSampleId :
EX7P2

Tgt Ion:142 Resp: 19527
Ion Ratio Lower Upper
142 100
141 90.5 73.4 110.0

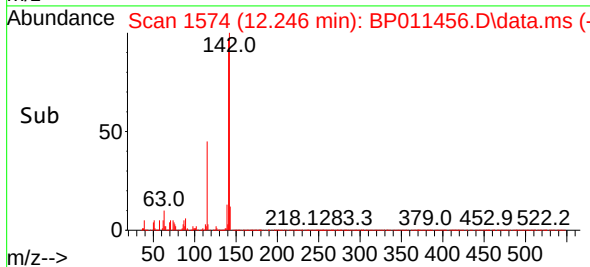
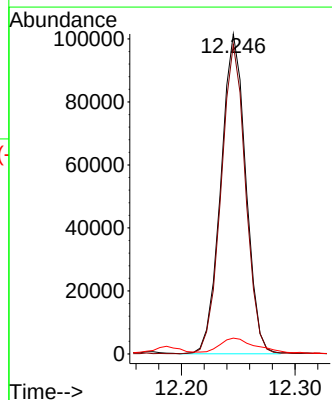
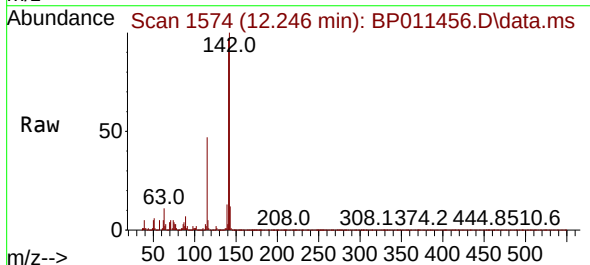
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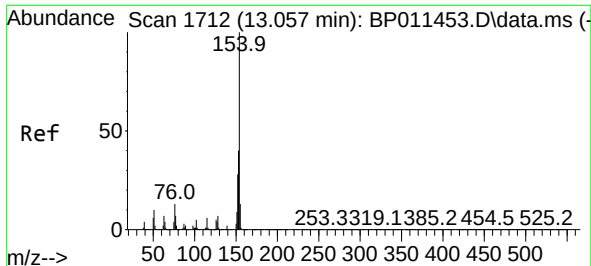
Reviewed By :Jagrut Upadhyay 08/18/2022
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#37
1-Methylnaphthalene
Concen: 7.950 ng/ul
RT: 12.246 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BP011456.D
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Tgt Ion:142 Resp: 154799
Ion Ratio Lower Upper
142 100
141 96.8 73.0 109.6
116 5.0 4.0 6.0





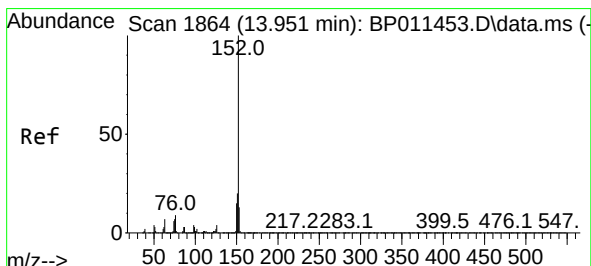
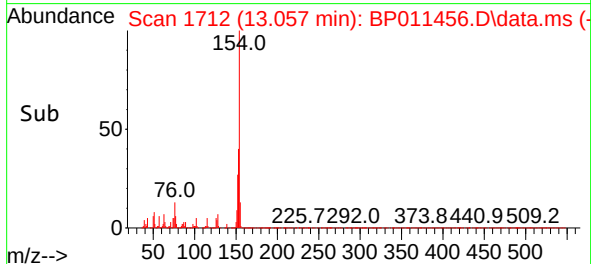
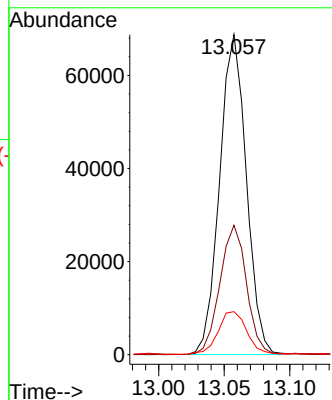
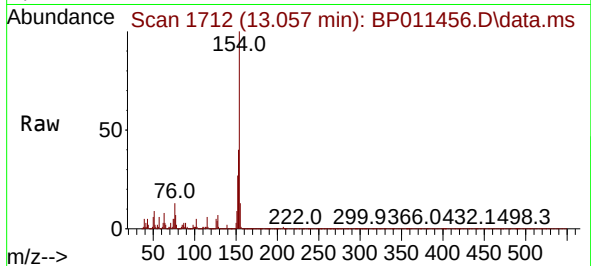
#43
1,1'-Biphenyl
Concen: 4.110 ng/ul
RT: 13.057 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP011456.D
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Instrument :
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ClientSampleId :
EX7P2

Tgt Ion:154 Resp: 97479
Ion Ratio Lower Upper
154 100
153 40.5 32.2 48.4
76 13.4 11.6 17.4

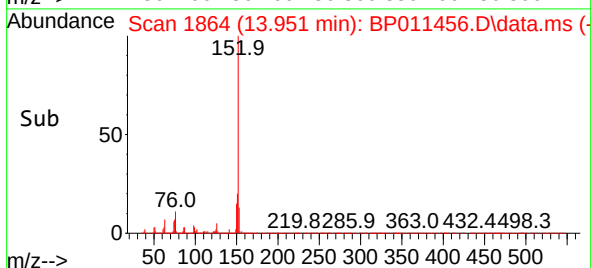
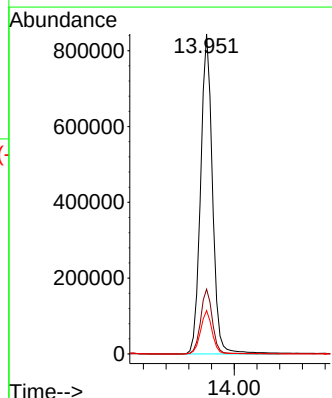
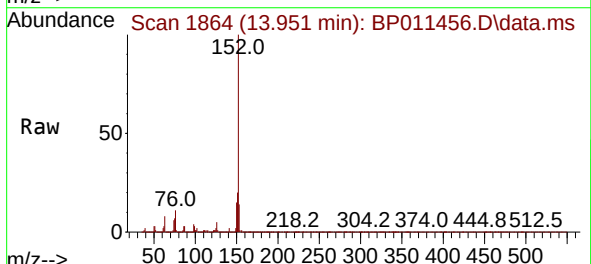
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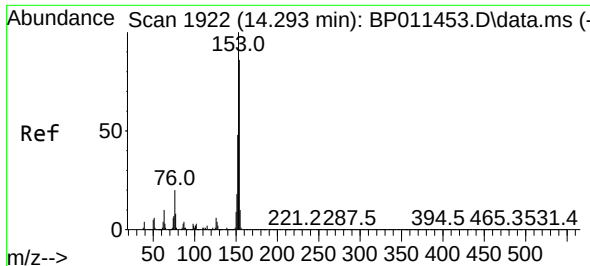
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#50
Acenaphthylene
Concen: 41.251 ng/ul
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

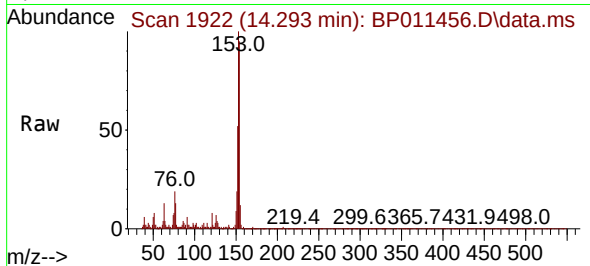
Tgt Ion:152 Resp: 1226251
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.5 10.6 15.8





#52
Acenaphthene
Concen: 3.308 ng/ul
RT: 14.293 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

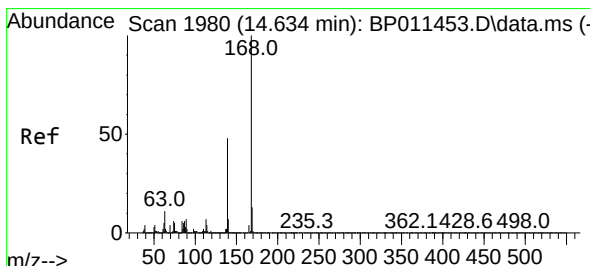
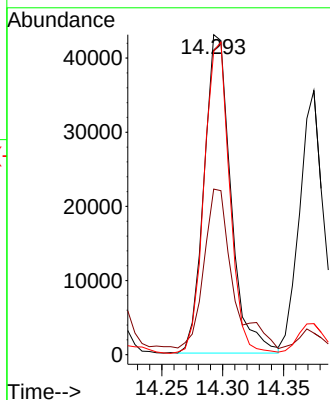
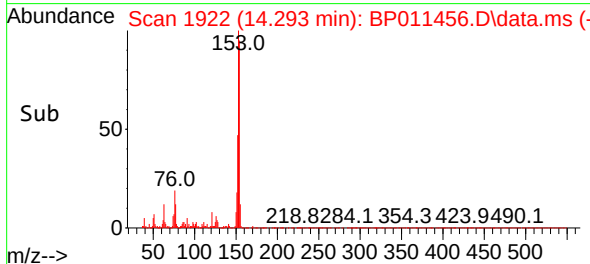
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Tgt Ion:153 Resp: 6586
Ion Ratio Lower Upper
153 100
152 51.8 37.7 56.5
154 94.9 69.4 104.0

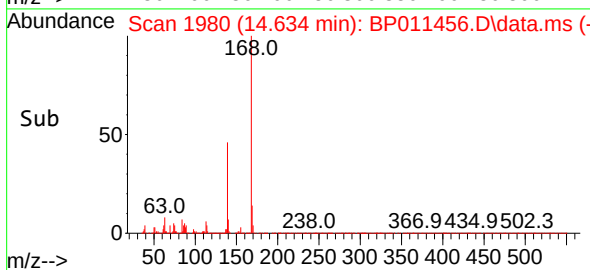
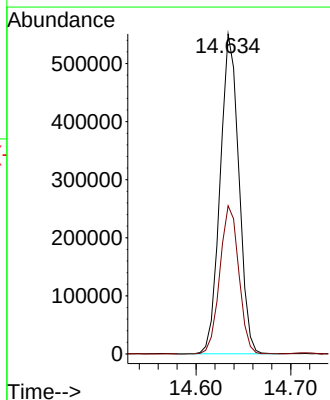
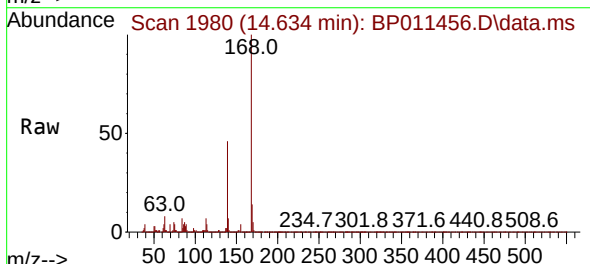
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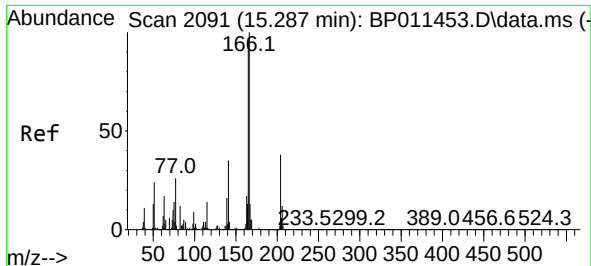
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#56
Dibenzofuran
Concen: 27.584 ng/ul
RT: 14.634 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:168 Resp: 757358
Ion Ratio Lower Upper
168 100
139 46.3 38.4 57.6





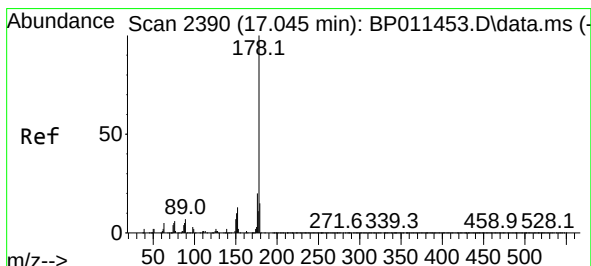
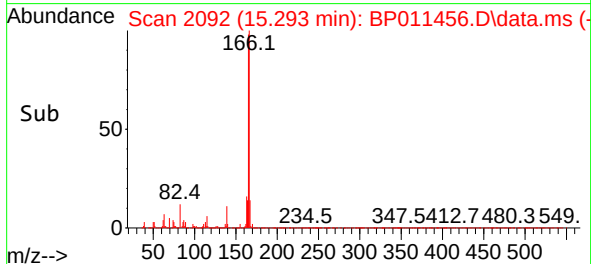
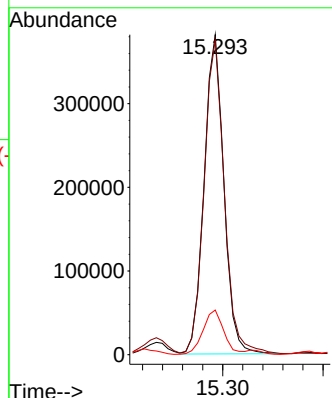
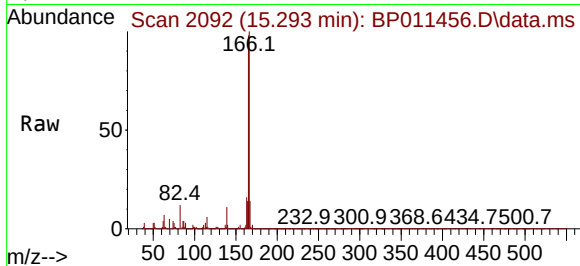
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Fluorene
Concen: 23.251 ng/ul
RT: 15.293 min Scan# 2091
Delta R.T. -0.000 min
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Tgt Ion:166 Resp: 52226
Ion Ratio Lower Upper
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165 98.3 78.2 117.2
167 13.9 10.3 15.5

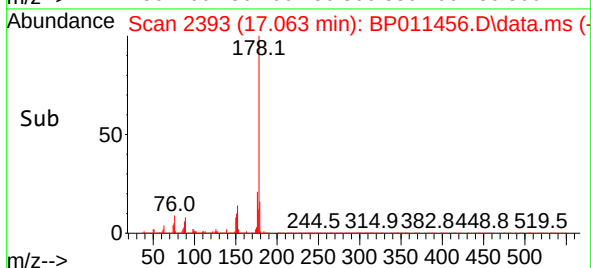
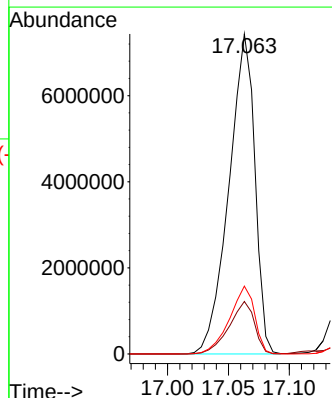
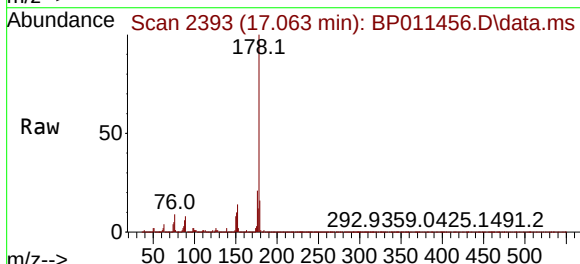
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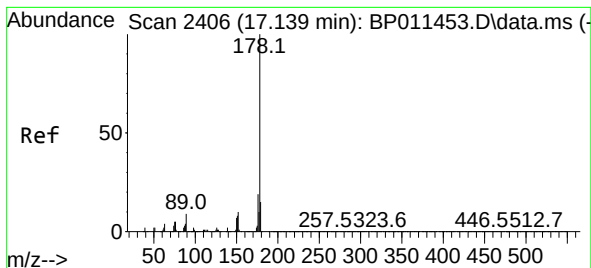
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022



#72
Phenanthrene
Concen: 341.223 ng/ul
RT: 17.063 min Scan# 2393
Delta R.T. 0.018 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:178 Resp:11011665
Ion Ratio Lower Upper
178 100
179 16.4 12.6 18.8
176 21.2 15.8 23.8





#74

Anthracene

Concen: 65.265 ng/ul

RT: 17.145 min Scan# 2406

Delta R.T. 0.006 min

Lab File: BP011456.D

Acq: 17 Aug 2022 11:21

Instrument :

BNA_P

ClientSampleId :

EX7P2

Tgt Ion:178 Resp: 212487

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

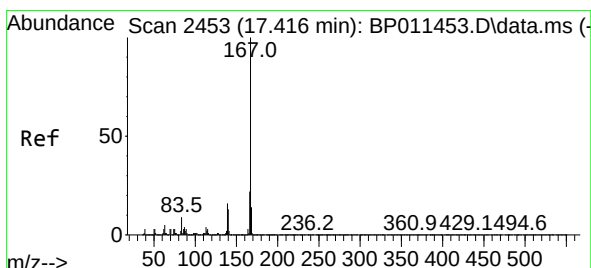
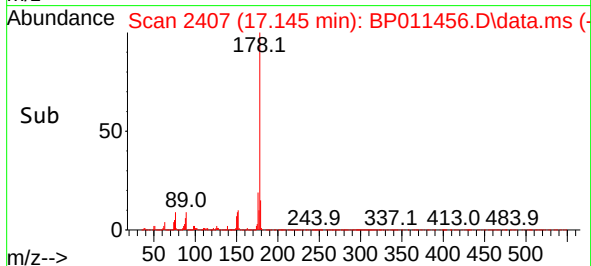
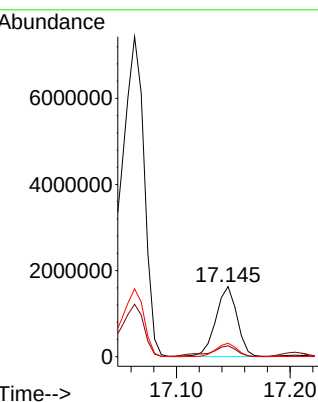
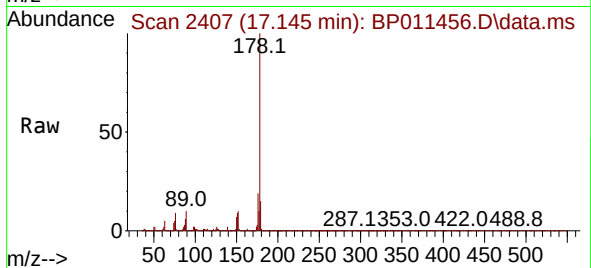
176 19.2 15.4 23.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/18/2022

Supervised By :Sohil Jodhani 08/18/2022



#77

Carbazole

Concen: 25.124 ng/ul

RT: 17.422 min Scan# 2454

Delta R.T. -0.000 min

Lab File: BP011456.D

Acq: 17 Aug 2022 11:21

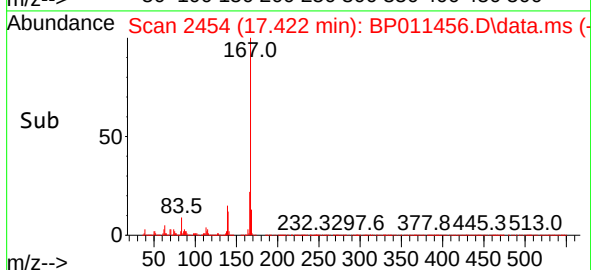
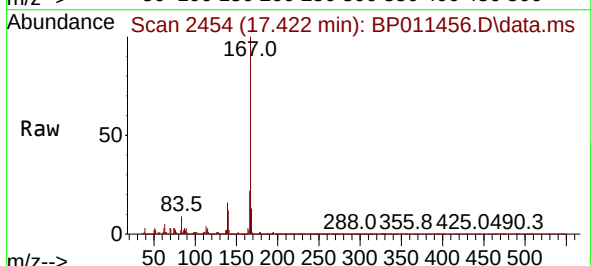
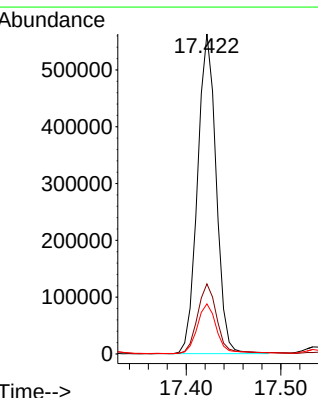
Tgt Ion:167 Resp: 769380

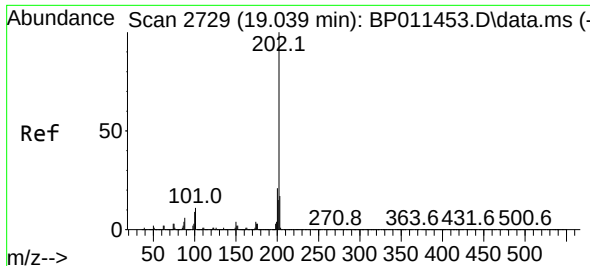
Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 15.6 12.1 18.1





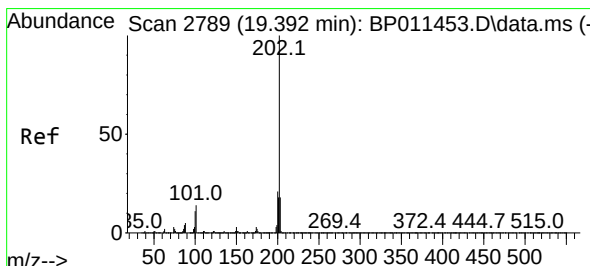
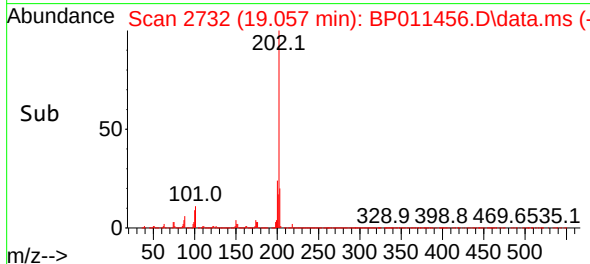
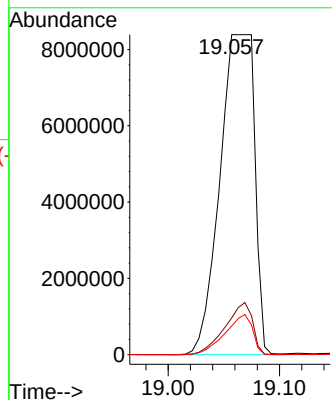
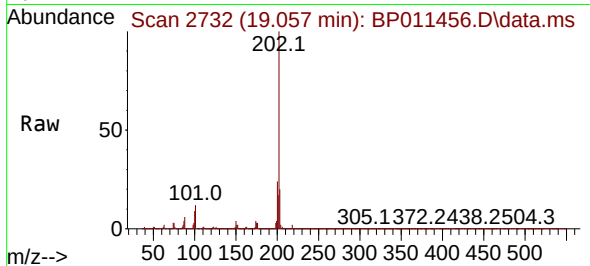
#80
Fluoranthene
Concen: 512.231 ng/ul m
RT: 19.057 min Scan# 2732
Delta R.T. 0.018 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Instrument :
BNA_P
ClientSampleId :
EX7P2

Tgt Ion:202 Resp:18168740
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
100 9.0 7.9 11.9

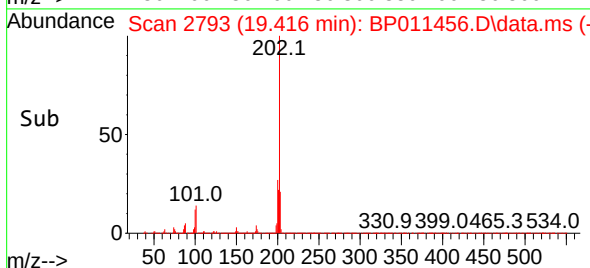
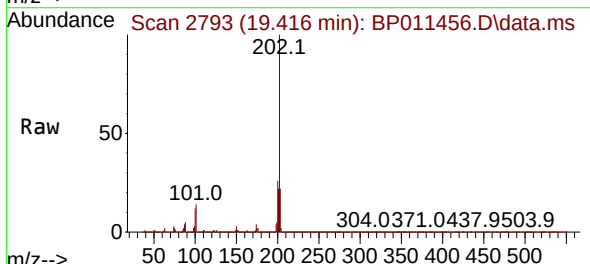
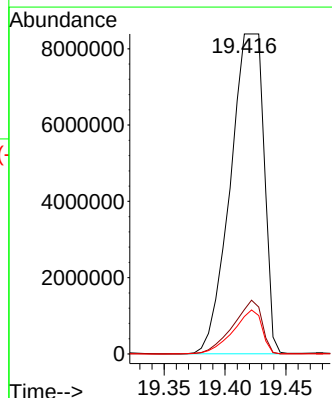
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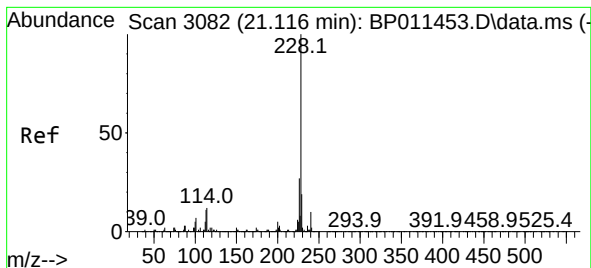
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022



#82
Pyrene
Concen: 433.101 ng/ul
RT: 19.416 min Scan# 2793
Delta R.T. 0.024 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:202 Resp:16141404
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.2
100 11.7 9.4 14.0





#85

Benzo(a)anthracene

Concen: 288.459 ng/uI

RT: 21.139 min Scan# 3086

Delta R.T. 0.024 min

Lab File: BP011456.D

Acq: 17 Aug 2022 11:21

Instrument :

BNA_P

ClientSampleId :

EX7P2

Tgt Ion:228 Resp:1001868

Ion Ratio Lower Upper

228 100

229 21.1 16.0 24.0

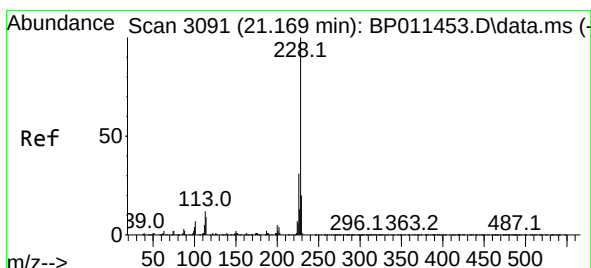
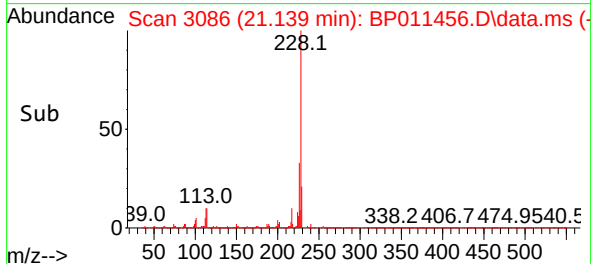
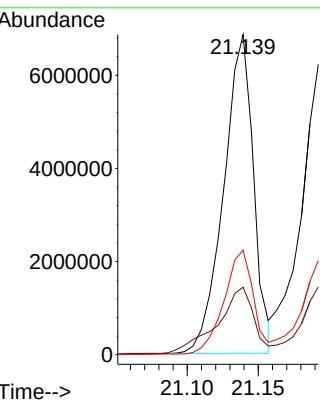
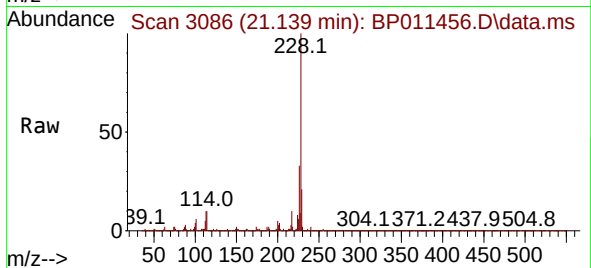
226 32.6 22.6 33.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022

Supervised By :Sohil Jodhani 08/18/2022



#87

Chrysene

Concen: 248.636 ng/uI

RT: 21.192 min Scan# 3095

Delta R.T. 0.024 min

Lab File: BP011456.D

Acq: 17 Aug 2022 11:21

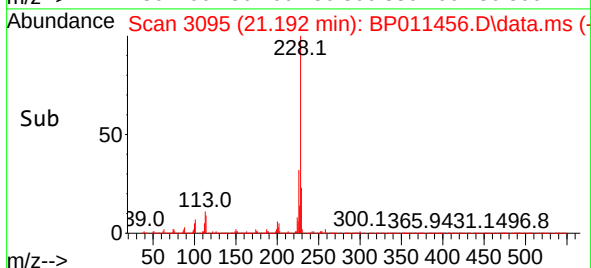
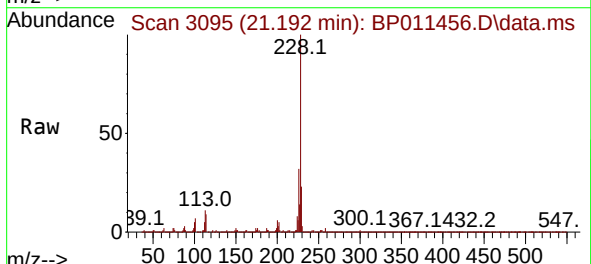
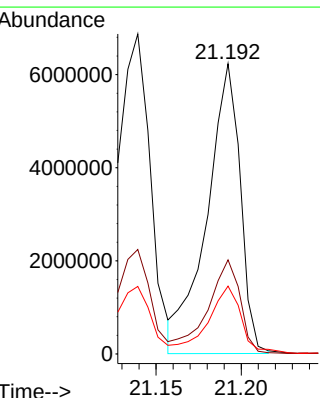
Tgt Ion:228 Resp: 8482982

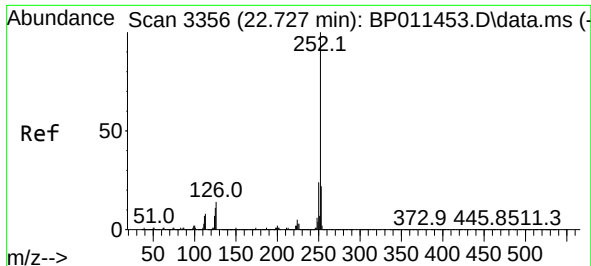
Ion Ratio Lower Upper

228 100

226 32.4 23.9 35.9

229 23.4 16.0 24.0





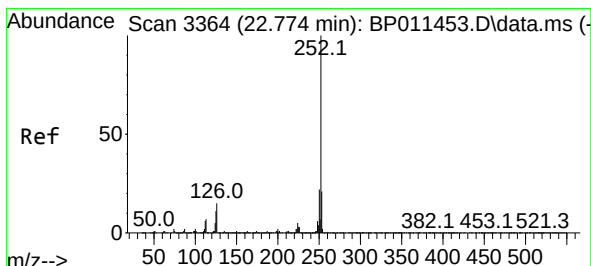
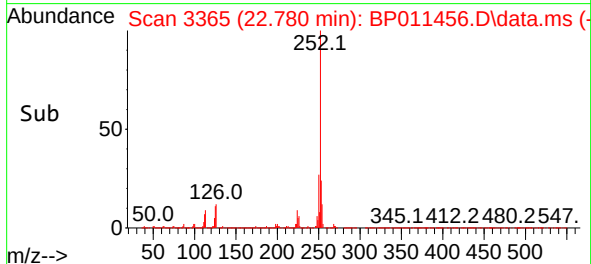
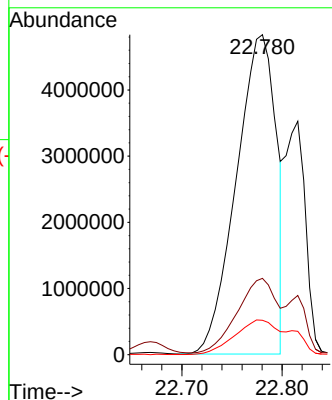
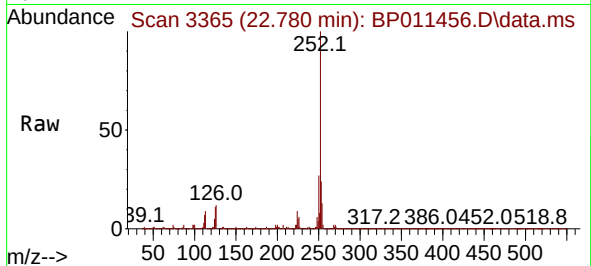
#90
Benzo(b)fluoranthene
Concen: 388.330 ng/ul
RT: 22.780 min Scan# 3365
Delta R.T. 0.053 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Instrument :
BNA_P
ClientSampleId :
EX7P2

Tgt Ion:252 Resp:13319810
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 10.8 9.0 13.4

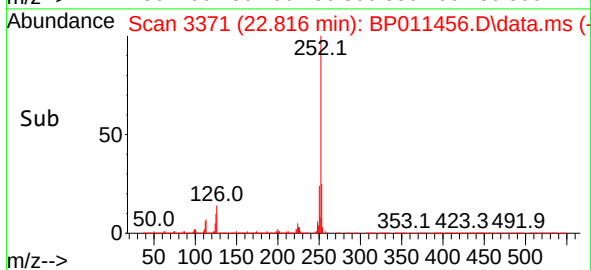
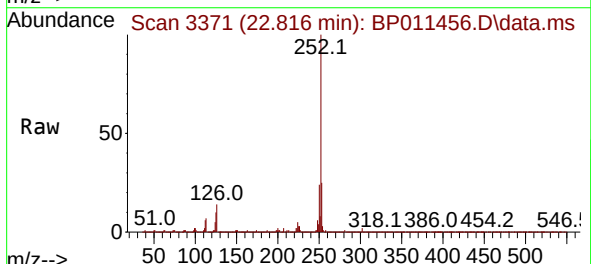
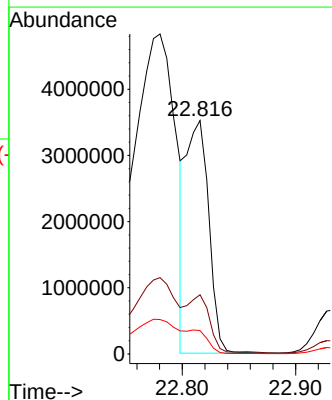
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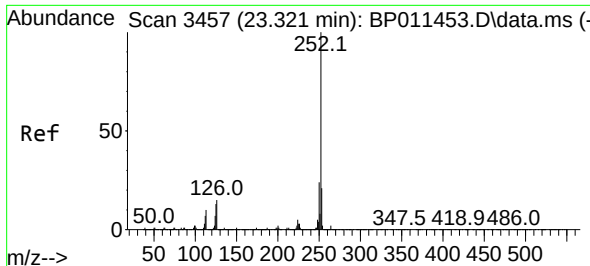
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022



#91
Benzo(k)fluoranthene
Concen: 148.654 ng/ul m
RT: 22.816 min Scan# 3371
Delta R.T. 0.041 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

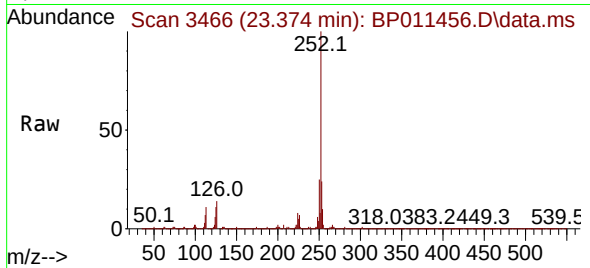
Tgt Ion:252 Resp: 4865825
Ion Ratio Lower Upper
252 100
253 25.4 17.9 26.9
125 10.0 9.8 14.8





#93
Benzo(a)pyrene
Concen: 241.570 ng/ul
RT: 23.374 min Scan# 3457
Delta R.T. 0.047 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

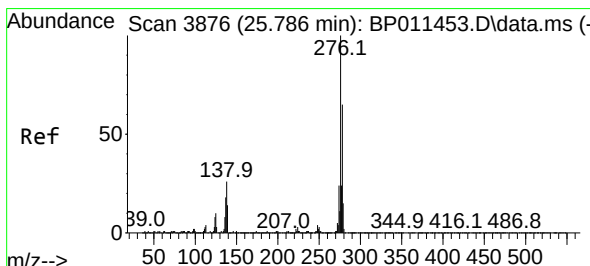
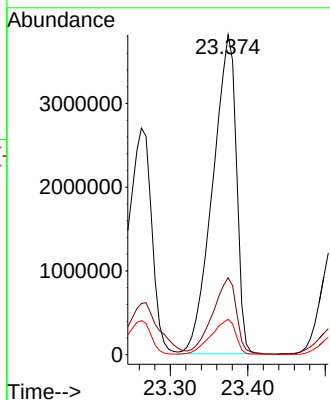
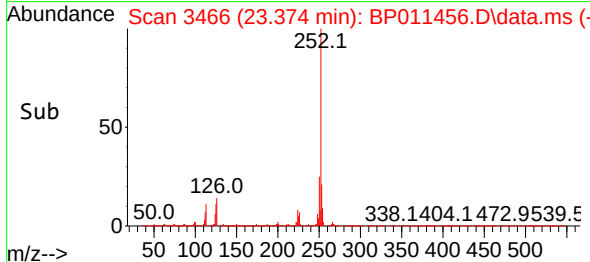
Instrument :
BNA_P
ClientSampleId :
EX7P2



Tgt Ion:252 Resp: 808960
Ion Ratio Lower Upper
252 100
253 24.1 16.8 25.2
125 11.0 9.9 14.9

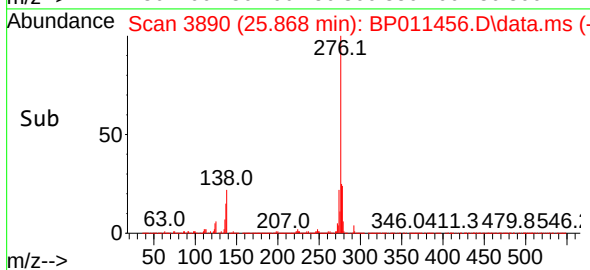
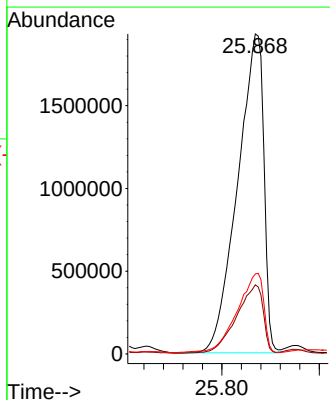
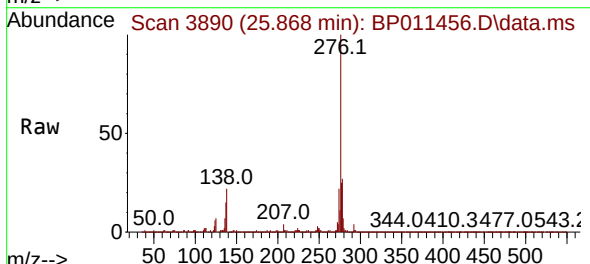
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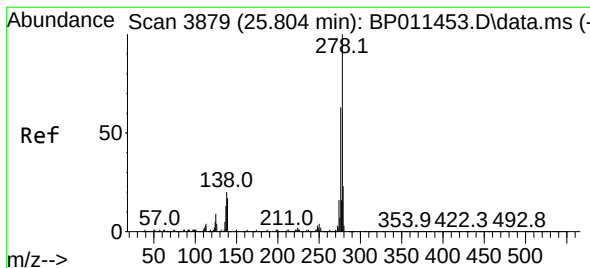
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 192.923 ng/ul
RT: 25.868 min Scan# 3890
Delta R.T. 0.082 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:276 Resp: 7205993
Ion Ratio Lower Upper
276 100
138 21.6 20.2 30.4
277 25.0 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 53.689 ng/ul

RT: 25.868 min Scan# 30

Delta R.T. 0.065 min

Lab File: BP011456.D

Acq: 17 Aug 2022 11:21

Instrument :

BNA_P

ClientSampleId :

EX7P2

Tgt Ion:278 Resp: 1726720

Ion Ratio Lower Upper

278 100

139 0.0 15.4 23.0

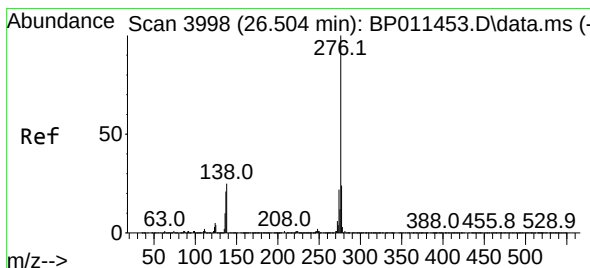
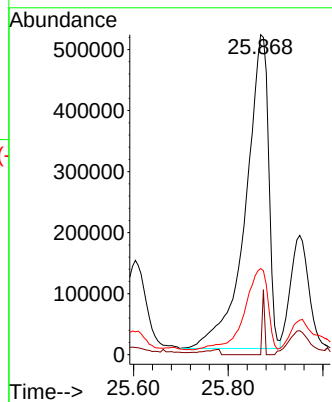
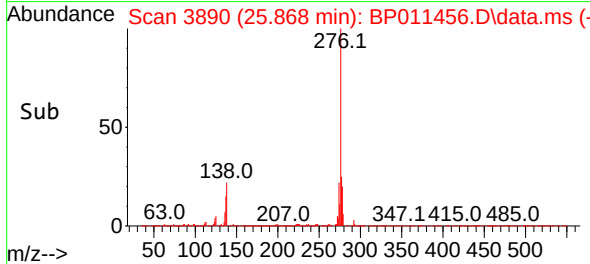
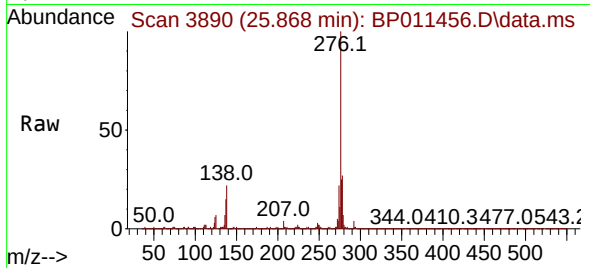
279 26.9 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022

Supervised By :Sohil Jodhani 08/18/2022



#96

Benzo(g,h,i)perylene

Concen: 168.796 ng/ul

RT: 26.604 min Scan# 4015

Delta R.T. 0.094 min

Lab File: BP011456.D

Acq: 17 Aug 2022 11:21

Tgt Ion:276 Resp: 5363043

Ion Ratio Lower Upper

276 100

138 22.5 19.4 29.2

277 24.4 19.1 28.7

