

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
 Data File : BP011464.D
 Acq On : 17 Aug 2022 15:56
 Operator : CG/JU
 Sample : N4173-12DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EX7Q8DL

Quant Time: Aug 17 23:29:38 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	122217	20.000	ng/ul	0.00
20) Naphthalene-d8	10.352	136	538128	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.240	164	309808	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	585481	20.000	ng/ul	0.01
79) Chrysene-d12	21.163	240	629405	20.000	ng/ul	0.03
88) Perylene-d12	23.474	264	618671m	20.000	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	6868	1.744	ng/uL	0.00
4) Pyridine-d5	3.487	84	44463	4.410	ng/ul	0.00
7) Phenol-d5	6.752	99	139141	12.389	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.911	67	83974	11.508	ng/ul	0.00
11) 2-Chlorophenol-d4	7.093	132	112000	13.558	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	113078	12.579	ng/ul	0.00
21) Nitrobenzene-d5	8.728	128	53537	13.819	ng/ul	0.00
24) 2-Nitrophenol-d4	9.446	143	54667	13.865	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	97504	13.397	ng/ul	0.00
31) 4-Chloroaniline-d4	10.505	131	142730	11.781	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	305623	13.948	ng/ul	0.00
49) Acenaphthylene-d8	13.928	160	355306	14.589	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	34947	8.278	ng/ul	0.02
60) Fluorene-d10	15.240	176	261343	14.177	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	16751m	5.295	ng/ul	0.03
73) Anthracene-d10	17.122	188	397021	15.311	ng/ul	0.02
81) Pyrene-d10	19.386	212	426248	13.385	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.333	264	427810m	14.216	ng/ul	0.05
Target Compounds						
					Qvalue	
8) Phenol	6.781	94	19707	1.707	ng/ul	97
13) 2-Methylphenol	8.028	108	9309	1.095	ng/ul	86
18) 4-Methylphenol	8.358	108	23767	2.525	ng/ul	96
26) 2,4-Dimethylphenol	9.581	107	12056m	1.129	ng/ul	
30) Naphthalene	10.405	128	3832588	134.887	ng/ul	99
36) 2-Methylnaphthalene	12.034	142	652302	35.286	ng/ul	99
37) 1-Methylnaphthalene	12.252	142	479197	25.558	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	282866	12.254	ng/ul	98
50) Acenaphthylene	13.957	152	1880496	64.996	ng/ul	98
52) Acenaphthene	14.304	153	150565	7.770	ng/ul	97
56) Dibenzofuran	14.646	168	1743353	65.237	ng/ul	99
61) Fluorene	15.298	166	983598	44.991	ng/ul	99
72) Phenanthrene	17.075	178	15742723m	496.770	ng/ul	
74) Anthracene	17.157	178	3199197	100.065	ng/ul	100
77) Carbazole	17.434	167	1172210	38.980	ng/ul	99
80) Fluoranthene	19.069	202	21681551m	553.642	ng/ul	
82) Pyrene	19.428	202	19888690m	483.339	ng/ul	
85) Benzo(a)anthracene	21.151	228	13613305	355.006	ng/ul#	91
87) Chrysene	21.204	228	11840336m	314.324	ng/ul	
90) Benzo(b)fluoranthene	22.804	252	20520085m	533.210	ng/ul	
91) Benzo(k)fluoranthene	22.839	252	5694437m	155.056	ng/ul	
93) Benzo(a)pyrene	23.404	252	11394859m	303.279	ng/ul	
94) Indeno(1,2,3-cd)pyrene	25.927	276	10140691m	241.977	ng/ul	
95) Dibenzo(a,h)anthracene	25.921	278	2501728m	69.329	ng/ul	

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

96) Benzo(g,h,i)perylene	26.663	276	7533823m	211.340	ng/ul	

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

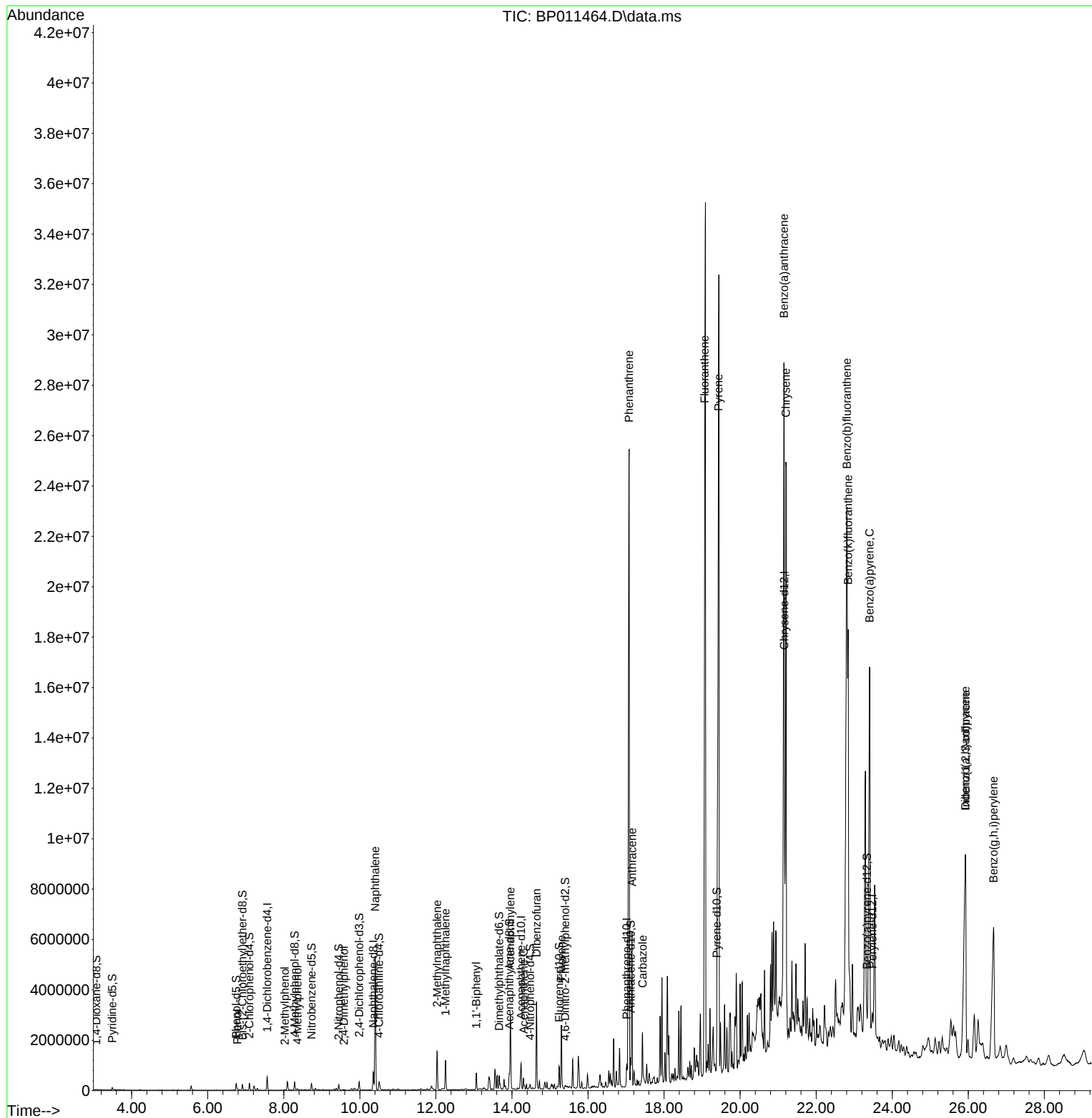
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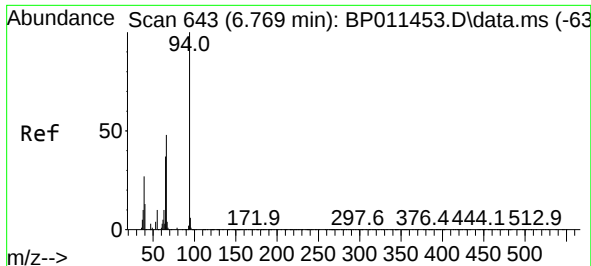
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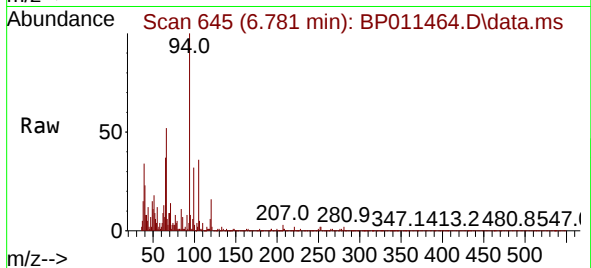
Reviewed By :Jagrut Upadhyay 08/18/2022
 Supervised By :Sohil Jodhani 08/18/2022





#8
Phenol
Concen: 1.707 ng/ul
RT: 6.781 min Scan# 643
Delta R.T. 0.012 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

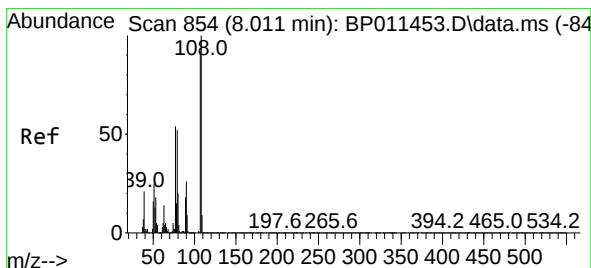
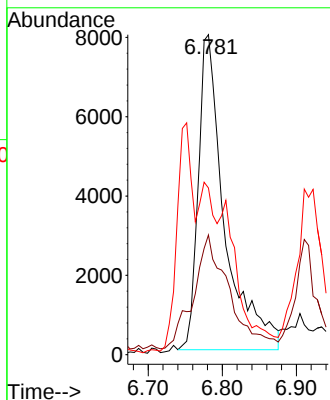
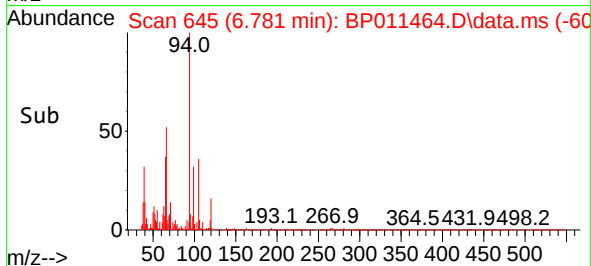
Instrument :
BNA_P
ClientSampleId :
EX7Q8DL



Tgt Ion: 94 Resp: 1970
Ion Ratio Lower Upper
94 100
65 37.4 28.9 43.3
66 52.1 39.4 59.0

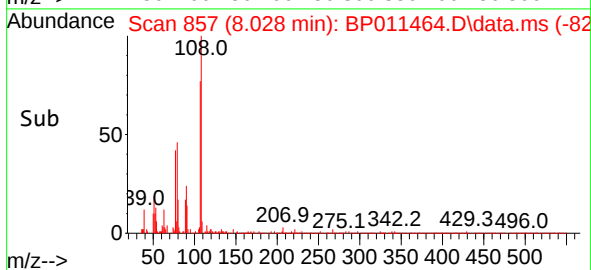
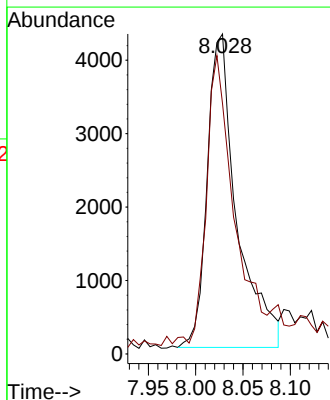
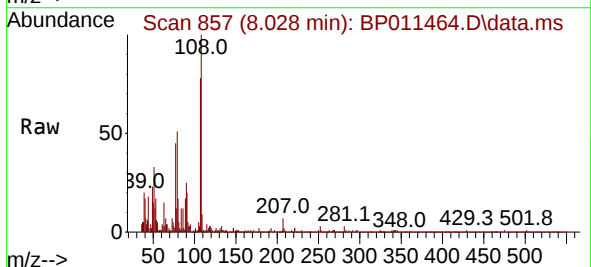
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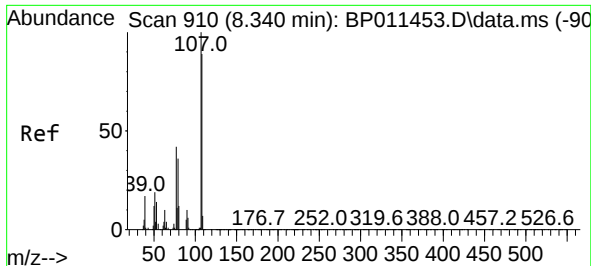
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022



#13
2-Methylphenol
Concen: 1.095 ng/ul
RT: 8.028 min Scan# 857
Delta R.T. 0.012 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

Tgt Ion:108 Resp: 9309
Ion Ratio Lower Upper
108 100
107 78.3 73.2 109.8





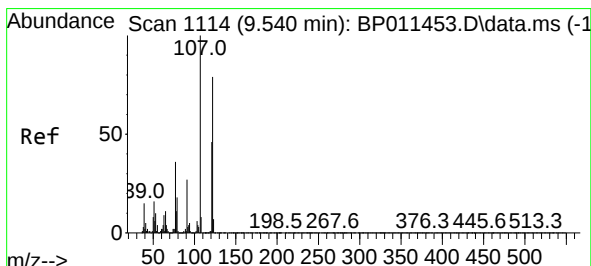
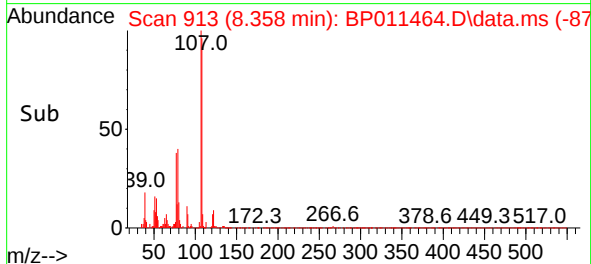
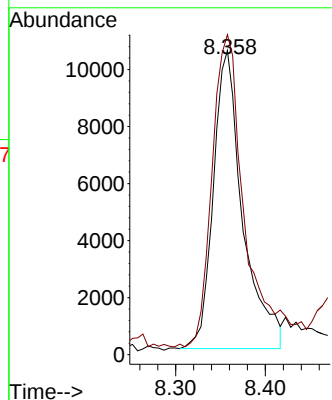
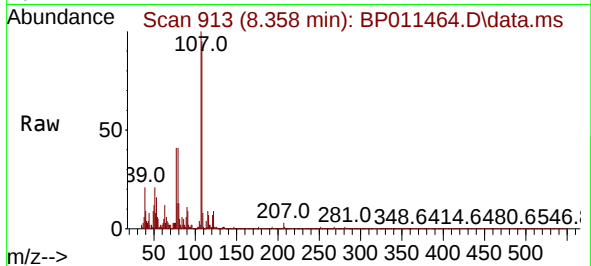
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4-Methylphenol
Concen: 2.525 ng/ul
RT: 8.358 min Scan# 910
Delta R.T. 0.012 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

Instrument :
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ClientSampleId :
EX7Q8DL

Tgt Ion:108 Resp: 2376
Ion Ratio Lower Upper
108 100
107 105.2 87.7 131.5

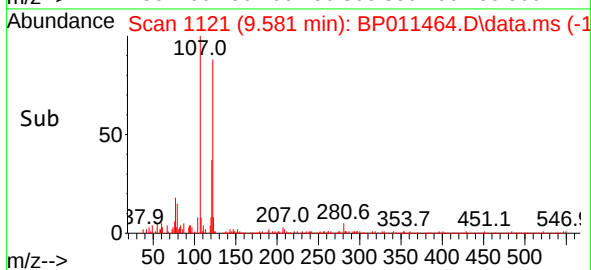
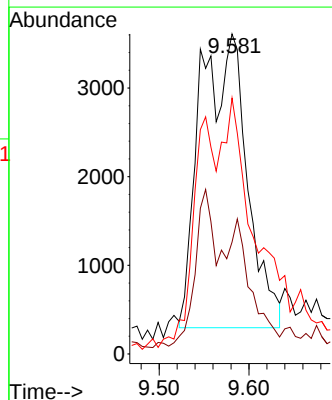
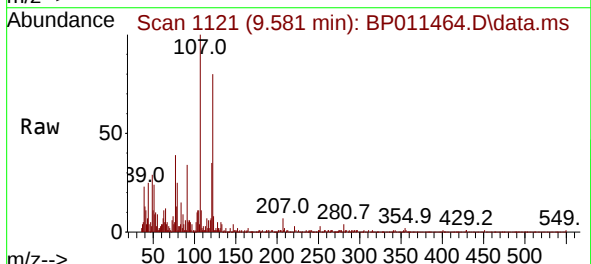
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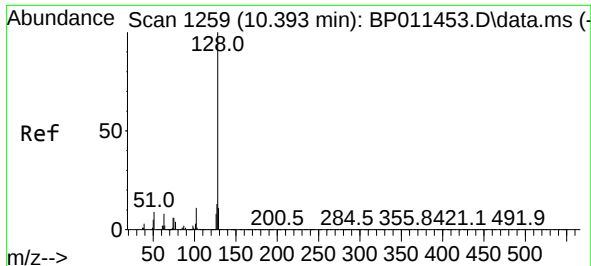
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#26
2,4-Dimethylphenol
Concen: 1.129 ng/ul m
RT: 9.581 min Scan# 1121
Delta R.T. 0.041 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

Tgt Ion:107 Resp: 12056
Ion Ratio Lower Upper
107 100
121 35.0 36.6 55.0#
122 80.0 58.7 88.1





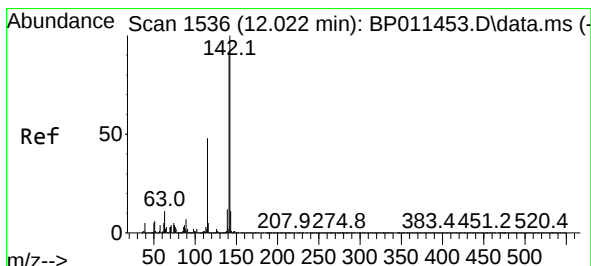
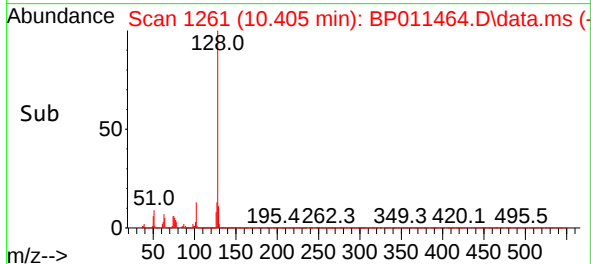
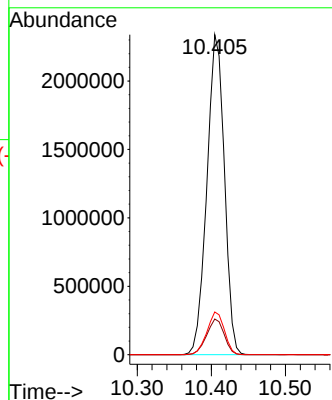
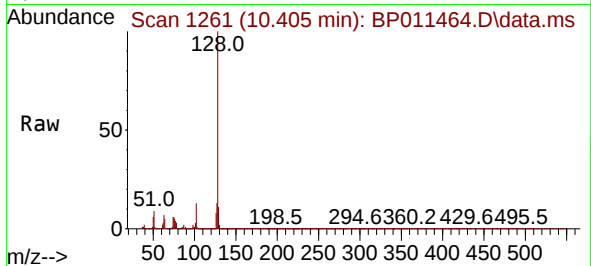
#30
Naphthalene
Concen: 134.887 ng/ul
RT: 10.405 min Scan# 1261
Delta R.T. 0.006 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

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ClientSampleId :
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Tgt Ion:128 Resp: 3832588
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.3 15.5

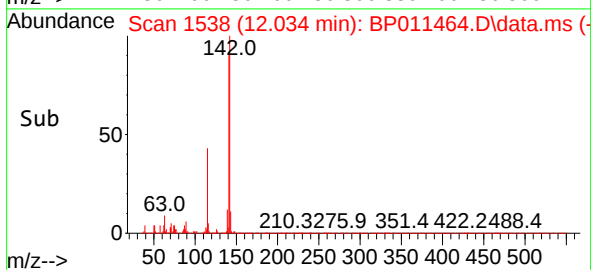
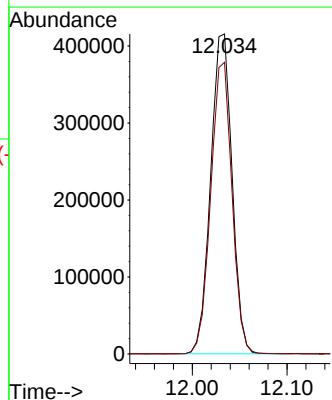
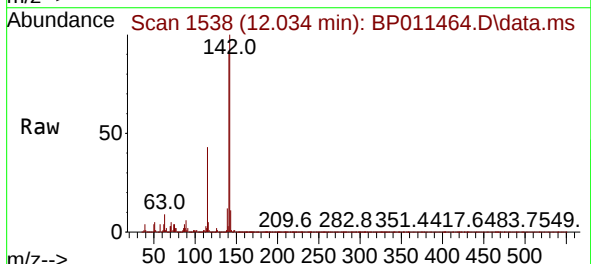
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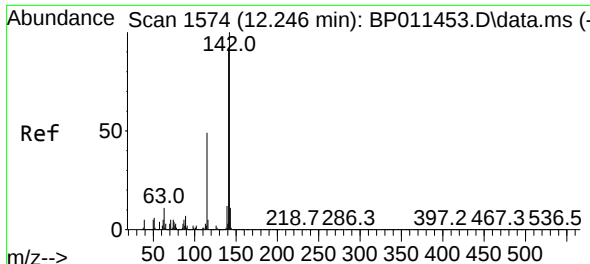
Reviewed By :Jagrut Upadhyay 08/18/2022
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#36
2-Methylnaphthalene
Concen: 35.286 ng/ul
RT: 12.034 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

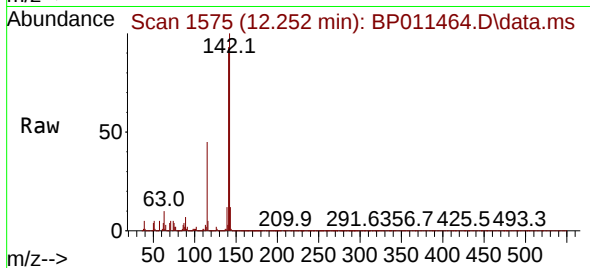
Tgt Ion:142 Resp: 652302
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.0





#37
1-Methylnaphthalene
Concen: 25.558 ng/ul
RT: 12.252 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

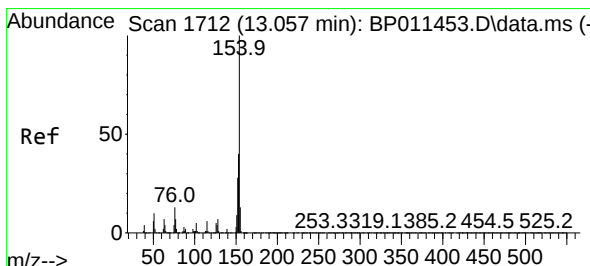
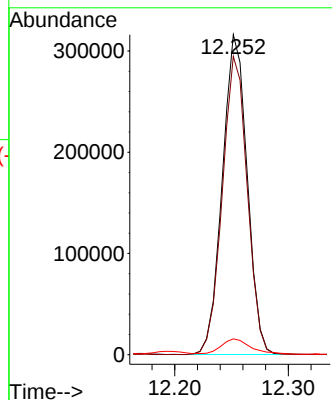
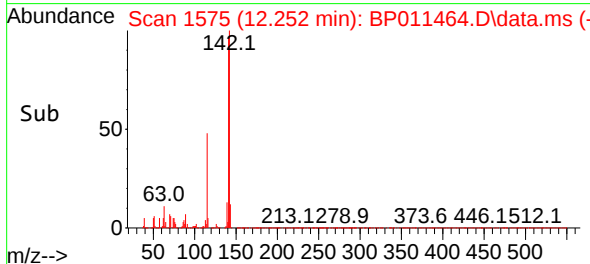
Instrument :
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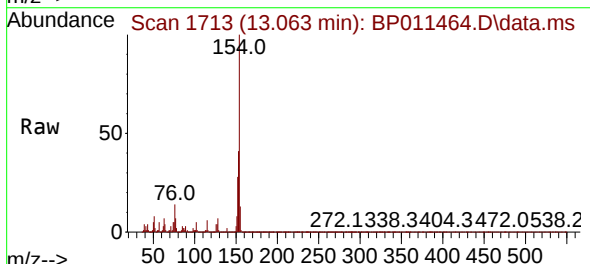
Tgt Ion:142 Resp: 47919
Ion Ratio Lower Upper
142 100
141 93.3 73.0 109.6
116 5.0 4.0 6.0

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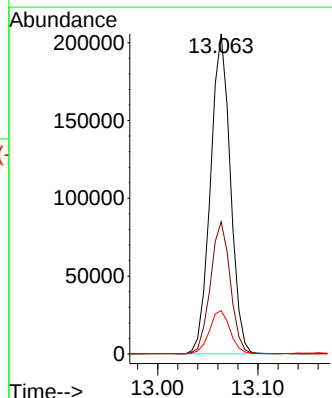
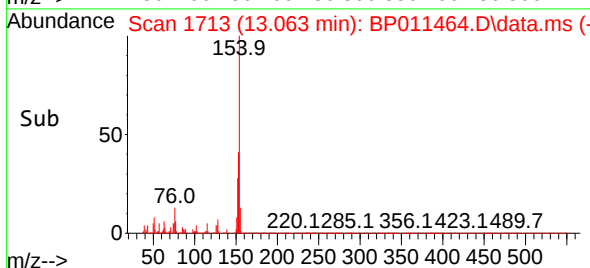
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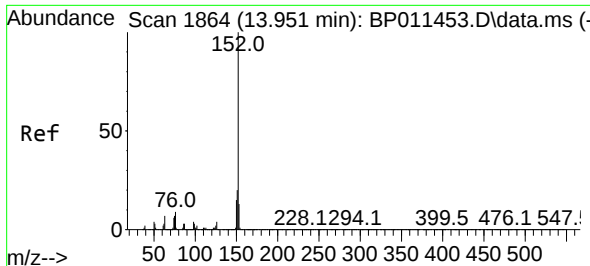


#43
1,1'-Biphenyl
Concen: 12.254 ng/ul
RT: 13.063 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BP011464.D
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Tgt Ion:154 Resp: 282866
Ion Ratio Lower Upper
154 100
153 41.3 32.2 48.4
76 13.6 11.6 17.4





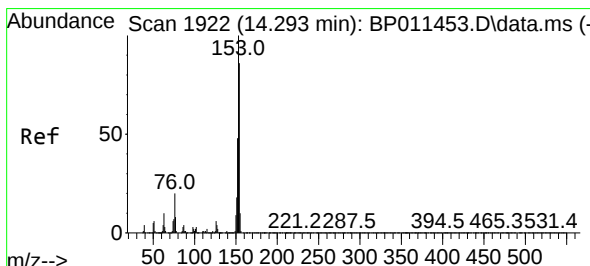
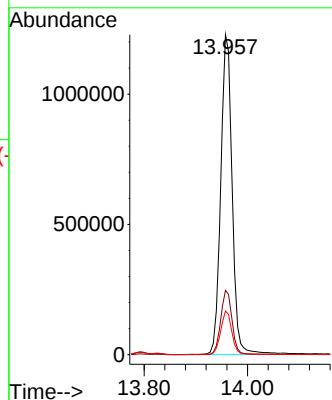
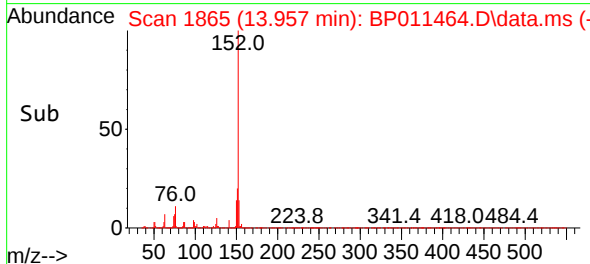
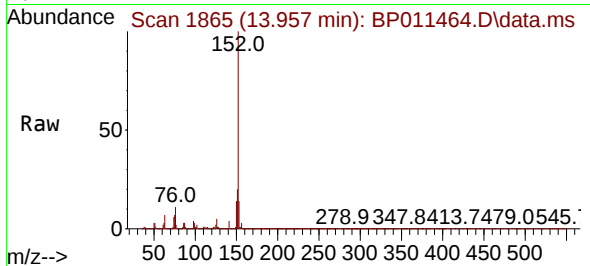
#50
Acenaphthylene
Concen: 64.996 ng/ul
RT: 13.957 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

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Tgt Ion:152 Resp: 1880490
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 13.6 10.6 15.8

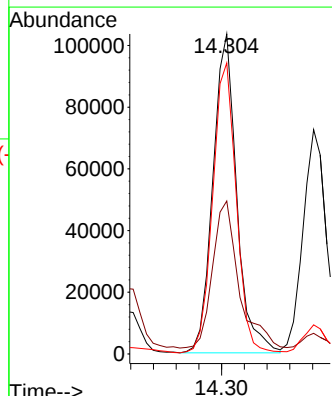
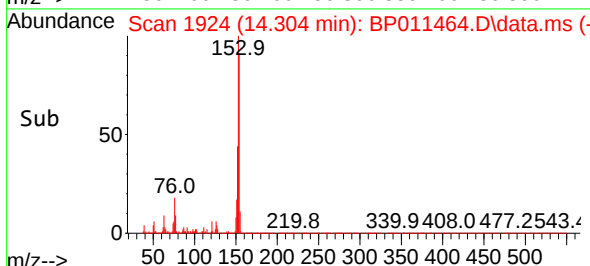
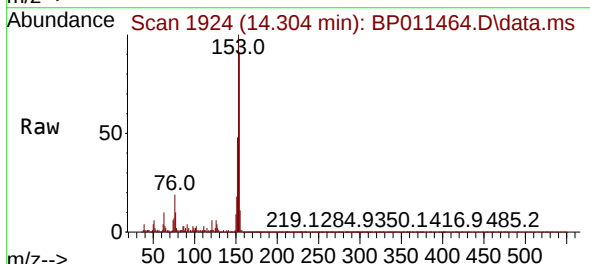
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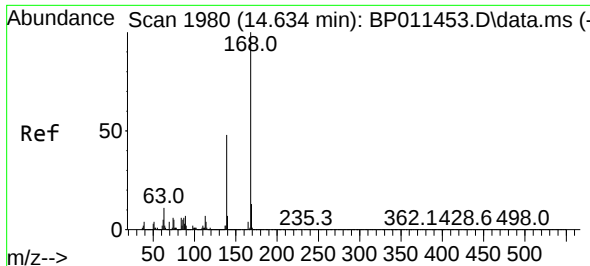
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022



#52
Acenaphthene
Concen: 7.770 ng/ul
RT: 14.304 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

Tgt Ion:153 Resp: 150565
Ion Ratio Lower Upper
153 100
152 47.8 37.7 56.5
154 90.9 69.4 104.0





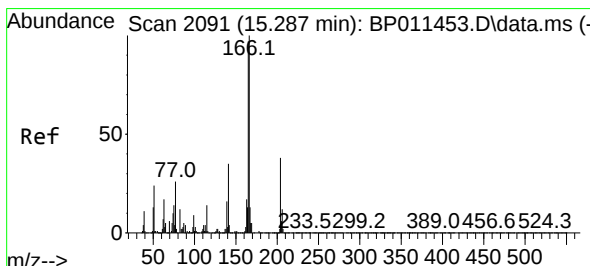
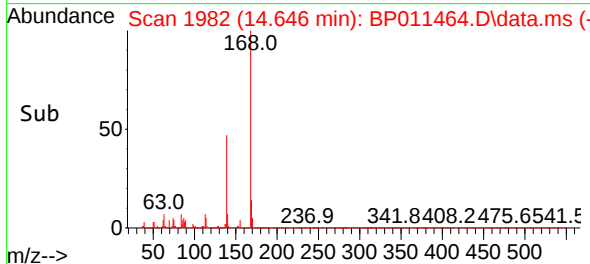
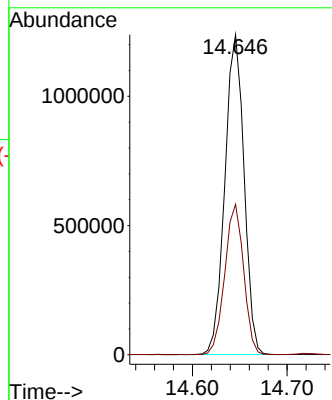
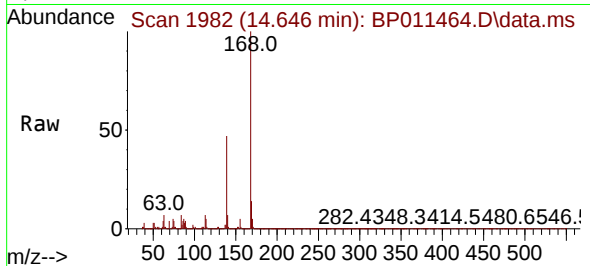
#56
Dibenzenofuran
Concen: 65.237 ng/ul
RT: 14.646 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BP011464.D
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Instrument :
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Tgt Ion:168 Resp: 174335
Ion Ratio Lower Upper
168 100
139 47.0 38.4 57.6

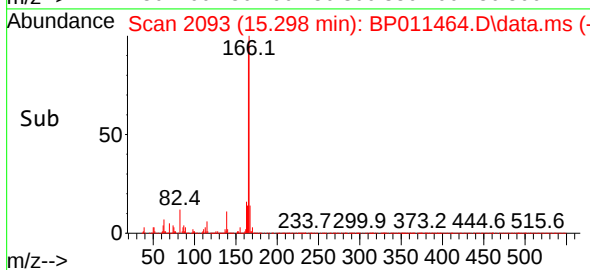
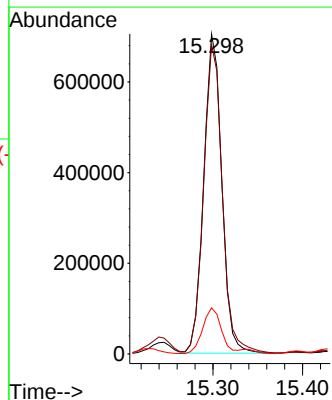
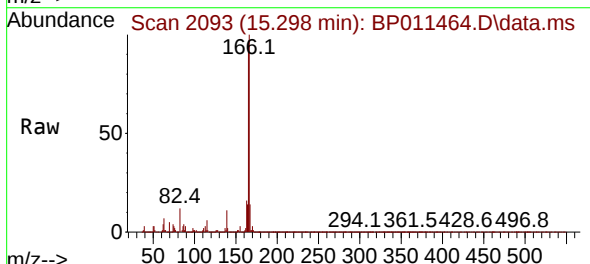
Manual Integrations
APPROVED

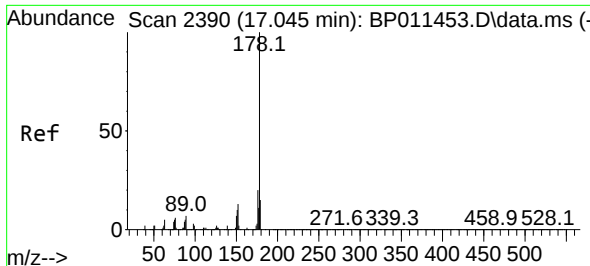
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022



#61
Fluorene
Concen: 44.991 ng/ul
RT: 15.298 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

Tgt Ion:166 Resp: 983598
Ion Ratio Lower Upper
166 100
165 96.7 78.2 117.2
167 14.4 10.3 15.5





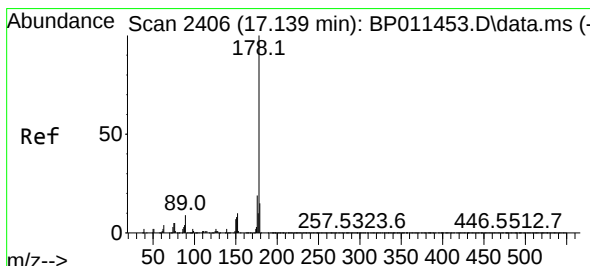
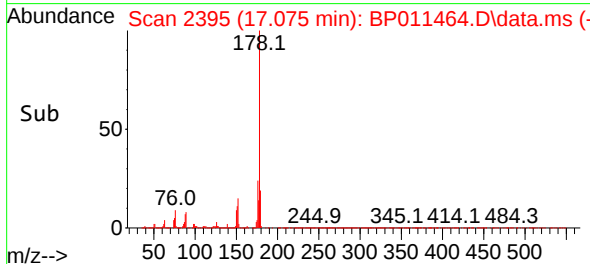
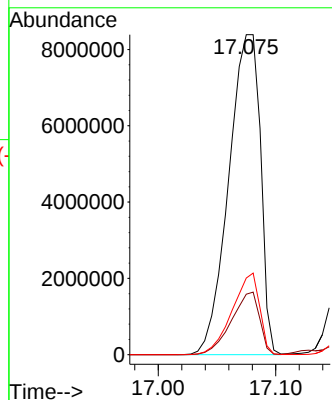
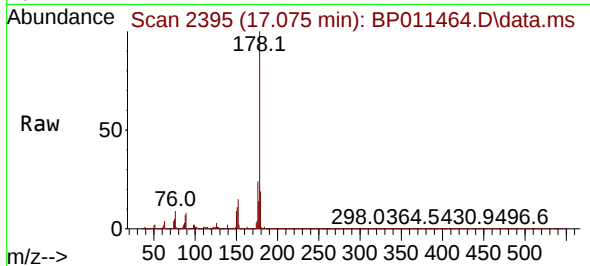
#72
Phenanthrene
Concen: 496.770 ng/ul m
RT: 17.075 min Scan# 21
Delta R.T. 0.029 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

Instrument :
BNA_P
ClientSampleId :
EX7Q8DL

Tgt Ion:178 Resp:1574272
Ion Ratio Lower Upper
178 100
179 18.9 12.6 18.8
176 24.0 15.8 23.8

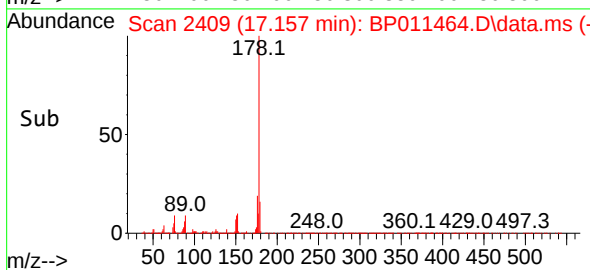
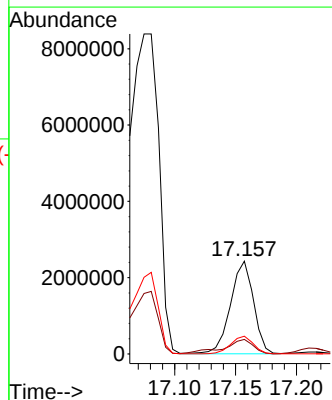
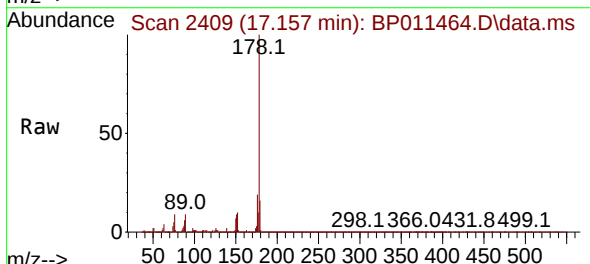
Manual Integrations
APPROVED

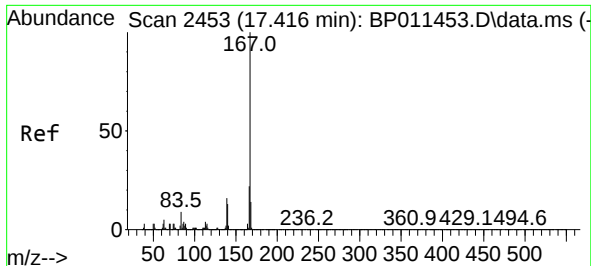
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022



#74
Anthracene
Concen: 100.065 ng/ul
RT: 17.157 min Scan# 2409
Delta R.T. 0.018 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

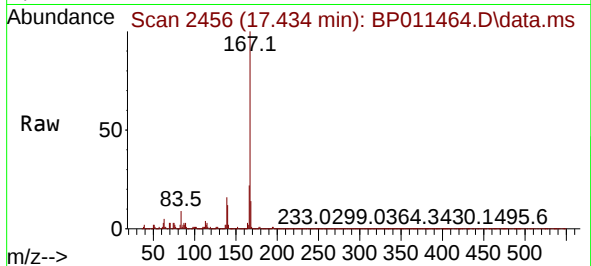
Tgt Ion:178 Resp: 3199197
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.2 15.4 23.0





#77
 Carbazole
 Concen: 38.980 ng/ul
 RT: 17.434 min Scan# 2453
 Delta R.T. 0.012 min
 Lab File: BP011464.D
 Acq: 17 Aug 2022 15:56

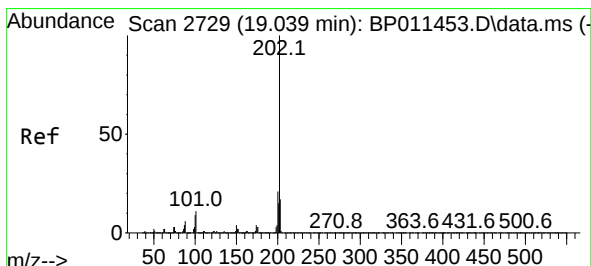
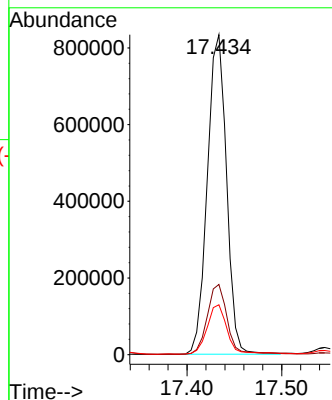
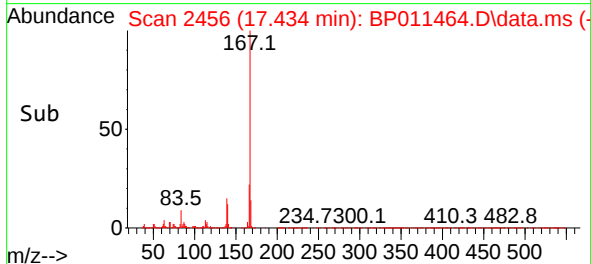
Instrument :
 BNA_P
 ClientSampleId :
 EX7Q8DL



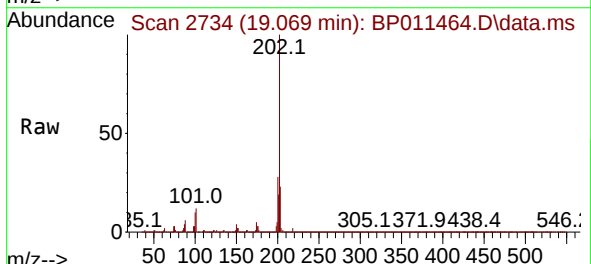
Tgt Ion:167 Resp: 1172210
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 15.6 12.1 18.1

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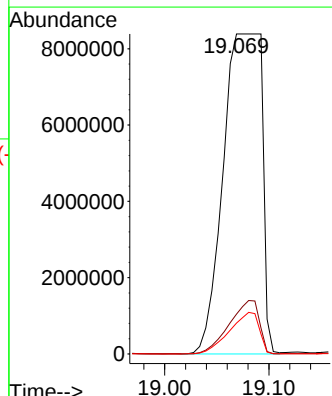
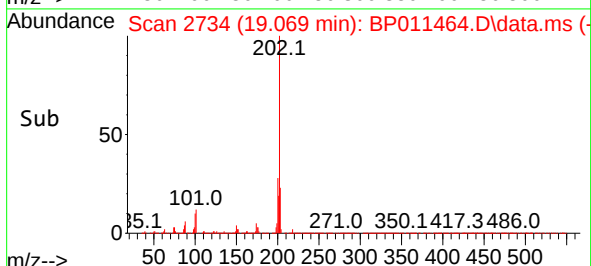
Reviewed By :Jagrut Upadhyay 08/18/2022
 Supervised By :Sohil Jodhani 08/18/2022

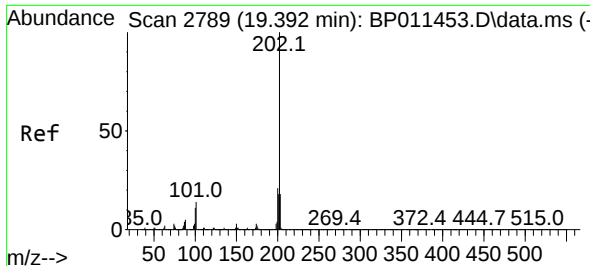


#80
 Fluoranthene
 Concen: 553.642 ng/ul m
 RT: 19.069 min Scan# 2734
 Delta R.T. 0.029 min
 Lab File: BP011464.D
 Acq: 17 Aug 2022 15:56



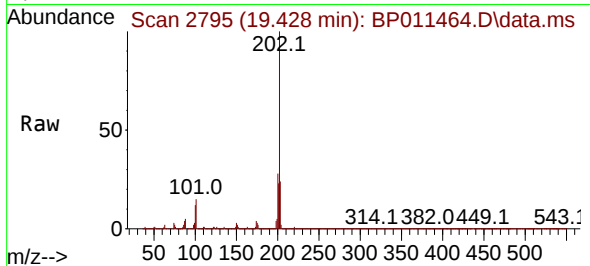
Tgt Ion:202 Resp:21681551
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.5 14.3
 100 9.7 7.9 11.9





#82
Pyrene
Concen: 483.339 ng/ul m
RT: 19.428 min Scan# 21
Delta R.T. 0.035 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

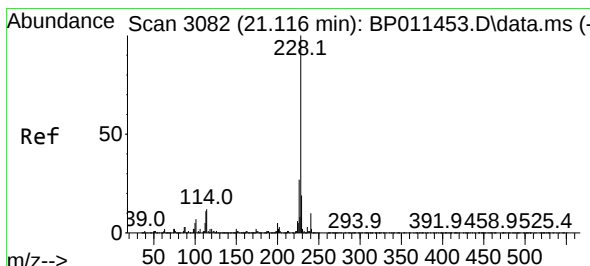
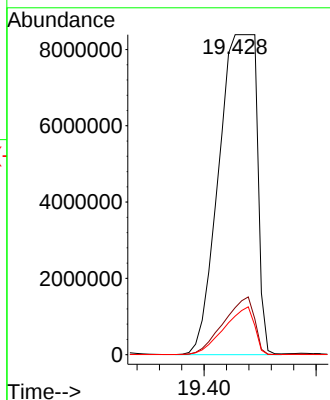
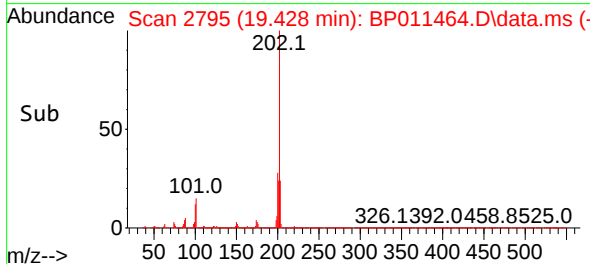
Instrument :
BNA_P
ClientSampleId :
EX7Q8DL



Tgt Ion:202 Resp:19888690
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.2
100 12.1 9.4 14.0

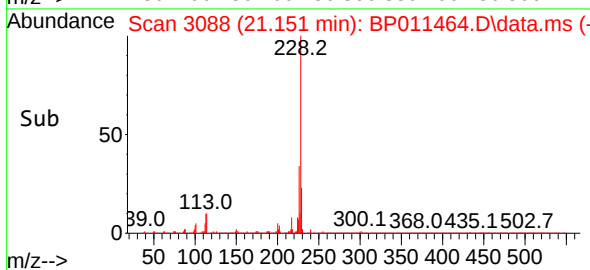
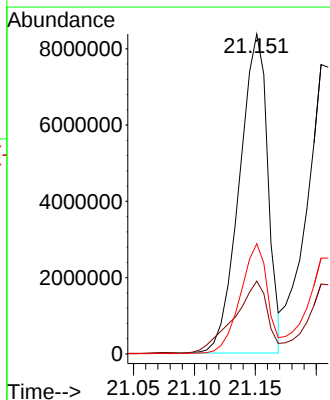
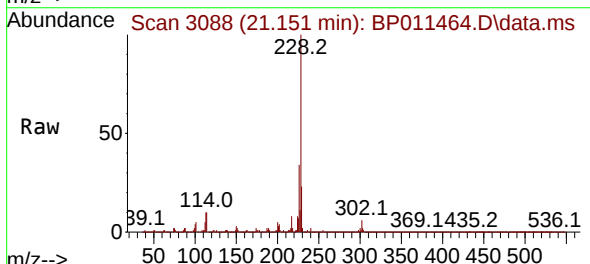
Manual Integrations
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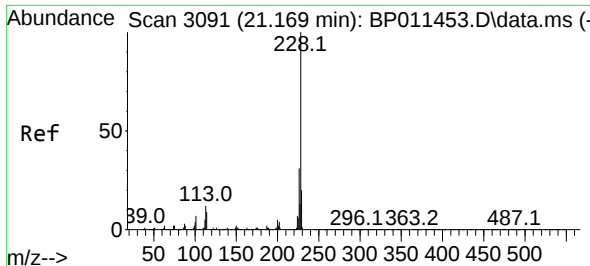
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022



#85
Benzo(a)anthracene
Concen: 355.006 ng/ul
RT: 21.151 min Scan# 3088
Delta R.T. 0.035 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

Tgt Ion:228 Resp:13613305
Ion Ratio Lower Upper
228 100
229 22.8 16.0 24.0
226 34.4 22.6 33.8#





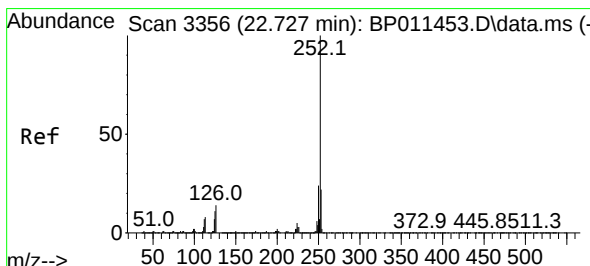
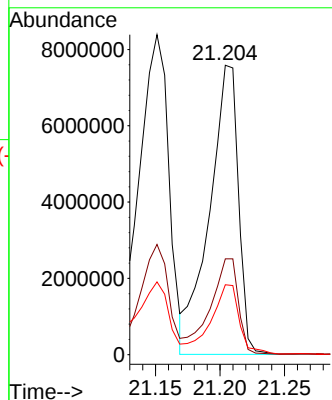
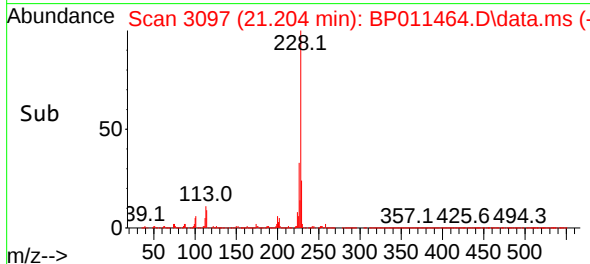
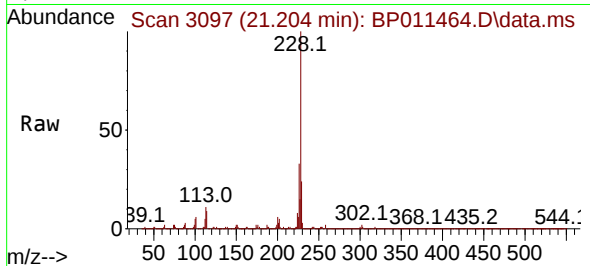
#87
Chrysene
Concen: 314.324 ng/ul m
RT: 21.204 min Scan# 3097
Delta R.T. 0.035 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

Instrument :
BNA_P
ClientSampleId :
EX7Q8DL

Tgt Ion:228 Resp:11840330
Ion Ratio Lower Upper
228 100
226 33.1 23.9 35.9
229 24.1 16.0 24.0

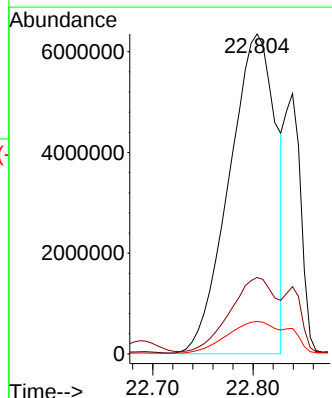
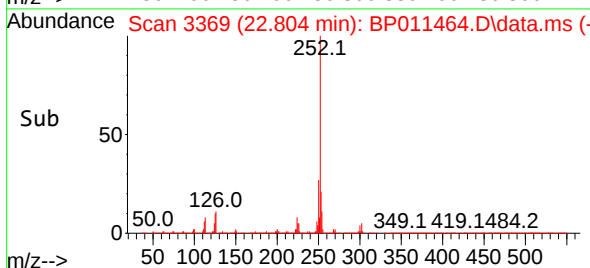
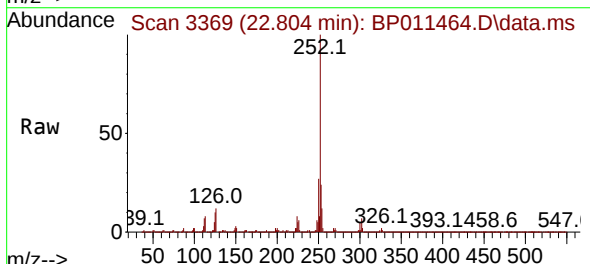
Manual Integrations
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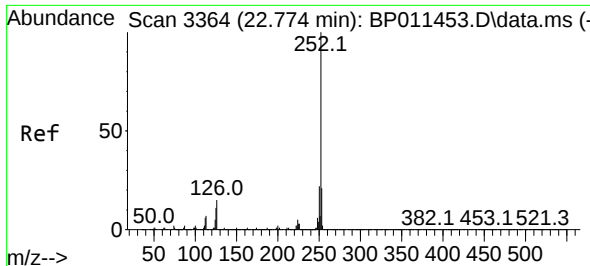
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022



#90
Benzo(b)fluoranthene
Concen: 533.210 ng/ul m
RT: 22.804 min Scan# 3369
Delta R.T. 0.076 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

Tgt Ion:252 Resp:20520085
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 10.2 9.0 13.4





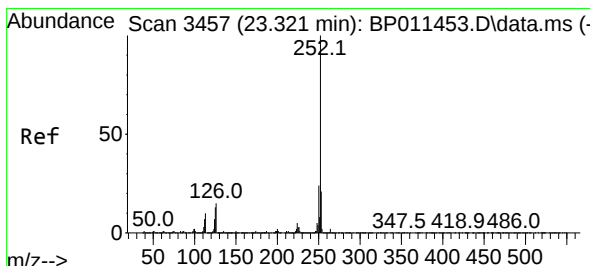
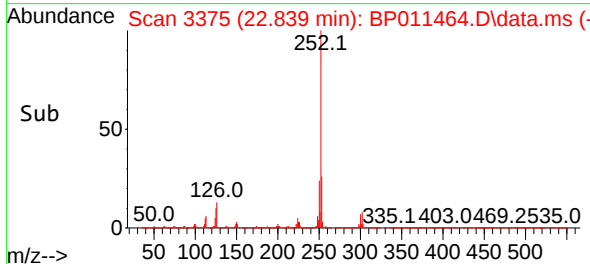
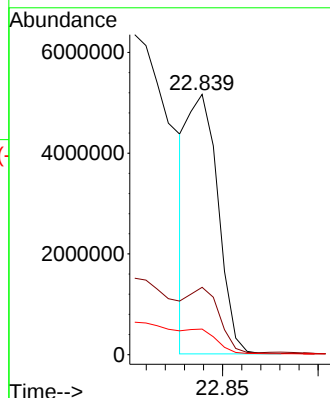
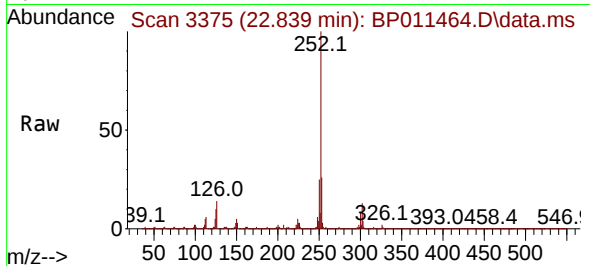
#91
Benzo(k)fluoranthene
Concen: 155.056 ng/ul m
RT: 22.839 min Scan# 31
Delta R.T. 0.065 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

Instrument :
BNA_P
ClientSampleId :
EX7Q8DL

Tgt Ion:252 Resp: 569443
Ion Ratio Lower Upper
252 100
253 25.9 17.9 26.9
125 9.8 9.8 14.8

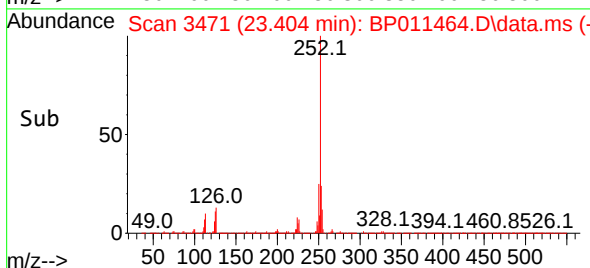
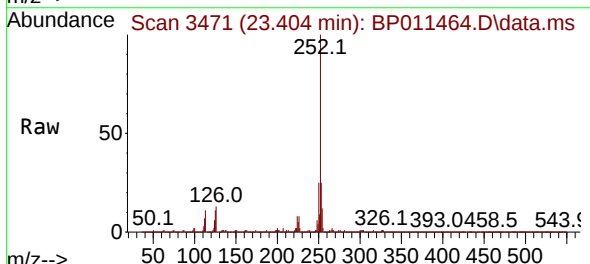
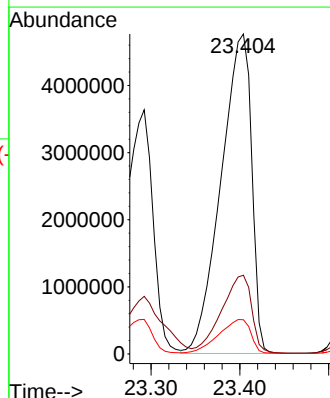
Manual Integrations
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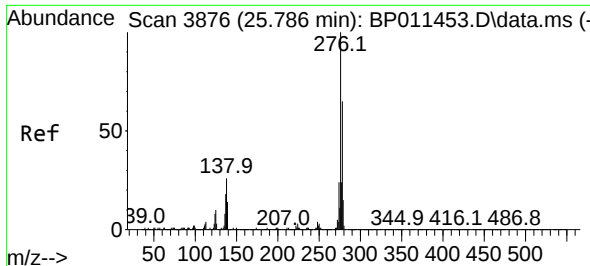
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022



#93
Benzo(a)pyrene
Concen: 303.279 ng/ul m
RT: 23.404 min Scan# 3471
Delta R.T. 0.076 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

Tgt Ion:252 Resp:11394859
Ion Ratio Lower Upper
252 100
253 24.6 16.8 25.2
125 10.7 9.9 14.9





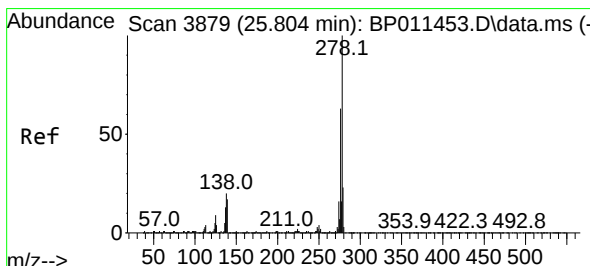
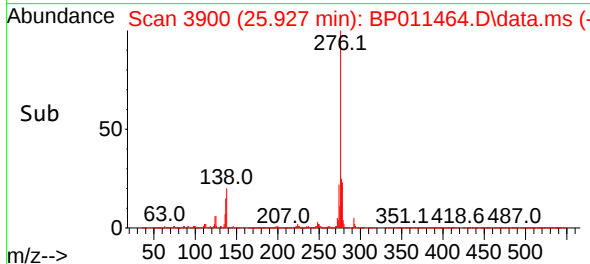
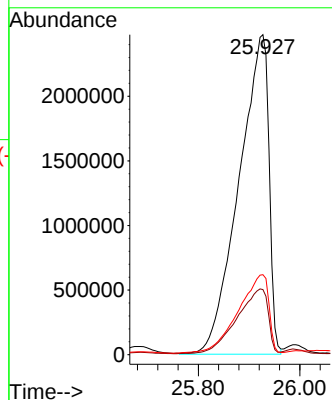
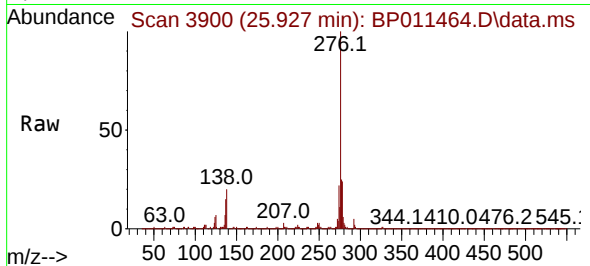
#94
Indeno(1,2,3-cd)pyrene
Concen: 241.977 ng/ul m
RT: 25.927 min Scan# 3890
Delta R.T. 0.141 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

Instrument :
BNA_P
ClientSampleId :
EX7Q8DL

Tgt Ion:276 Resp:1014069
Ion Ratio Lower Upper
276 100
138 20.3 20.2 30.4
277 25.0 20.1 30.1

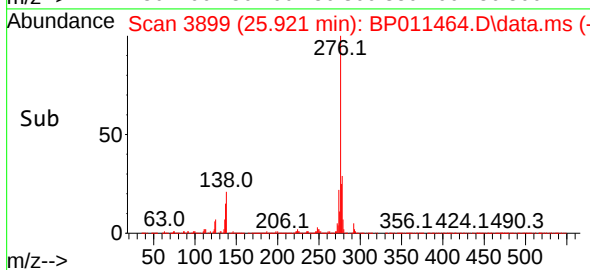
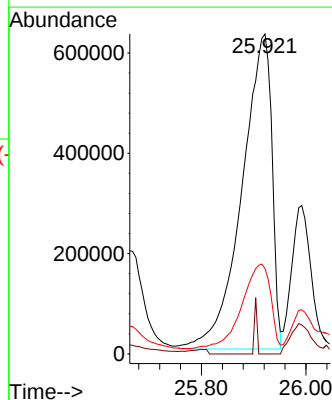
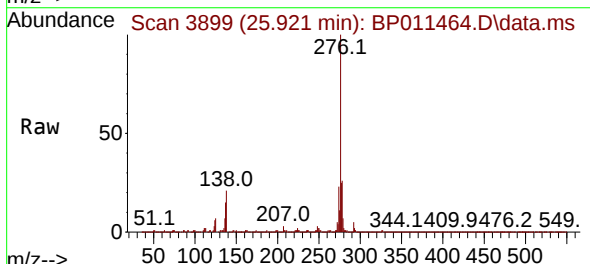
Manual Integrations
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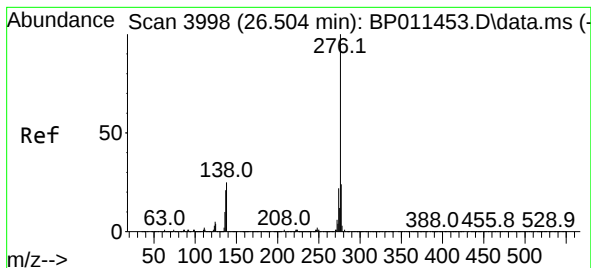
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022



#95
Dibenzo(a,h)anthracene
Concen: 69.329 ng/ul m
RT: 25.921 min Scan# 3899
Delta R.T. 0.118 min
Lab File: BP011464.D
Acq: 17 Aug 2022 15:56

Tgt Ion:278 Resp: 2501728
Ion Ratio Lower Upper
278 100
139 0.0 15.4 23.0#
279 26.7 19.3 28.9





#96

Benzo(g,h,i)perylene

Concen: 211.340 ng/ul m

RT: 26.663 min Scan# 40

Delta R.T. 0.153 min

Lab File: BP011464.D

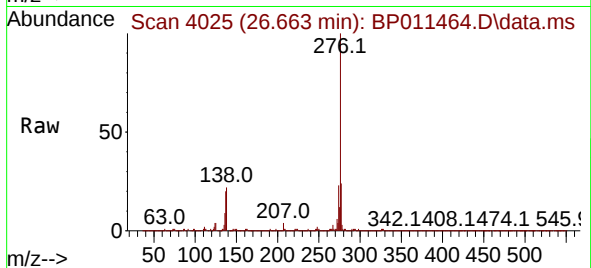
Acq: 17 Aug 2022 15:56

Instrument :

BNA_P

ClientSampleId :

EX7Q8DL



Tgt Ion:276 Resp: 753382

Ion Ratio Lower Upper

276 100

138 22.5 19.4 29.2

277 24.4 19.1 28.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/18/2022

Supervised By :Sohil Jodhani 08/18/2022

