

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP011992.D
 Acq On : 07 Oct 2022 04:19
 Operator : CG/JU
 Sample : N4923-09
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10011

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022
 Supervised By :mohammad ahmed 10/10/2022

Supervised By :mohammad
 ahmed
 10/10/2022

Quant Time: Oct 07 04:47:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 07 03:22:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	227195	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	850549	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	513945	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1042902	20.000	ng/u1	0.00
79) Chrysene-d12	21.369	240	1259630	20.000	ng/u1	0.00
88) Perylene-d12	23.798	264	1355948	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	22238	4.317	ng/uL	0.00
4) Pyridine-d5	3.722	84	154434	10.235	ng/u1	0.00
7) Phenol-d5	7.040	99	82042	4.183	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	322175	29.634	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	242970	15.692	ng/u1	0.00
15) 4-Methylphenol-d8	8.587	113	167977	10.360	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	238412	36.800	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	155139	22.382	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	252348	19.683	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	599482m	30.672	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	1217478	33.126	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	1442899	34.438	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	37665	4.949	ng/u1	0.02
60) Fluorene-d10	15.516	176	1106289	34.661	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	110030	17.431	ng/u1	0.00
73) Anthracene-d10	17.381	188	1728038	36.375	ng/u1	0.00
81) Pyrene-d10	19.616	212	2138660	33.525	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	2395516	35.292	ng/u1	0.00
Target Compounds						Qvalue
8) Phenol	7.069	94	74719	3.673	ng/u1	94
13) 2-Methylphenol	8.322	108	1331151	83.054	ng/u1	98
16) Acetophenone	8.704	105	65122m	2.634	ng/u1	
18) 4-Methylphenol	8.652	108	147758	8.367	ng/u1	95
26) 2,4-Dimethylphenol	9.899	107	5103588m	343.181	ng/u1	
30) Naphthalene	10.740	128	8689003	190.198	ng/u1	99
36) 2-Methylnaphthalene	12.345	142	235121	7.370	ng/u1	98
37) 1-Methylnaphthalene	12.569	142	6156975	192.328	ng/u1	98
43) 1,1'-Biphenyl	13.357	154	1429236	37.597	ng/u1	99
50) Acenaphthylene	14.245	152	1942521	41.745	ng/u1	98
52) Acenaphthene	14.587	153	3497470	106.533	ng/u1	99
56) Dibenzofuran	14.922	168	3177851	70.672	ng/u1	99
61) Fluorene	15.575	166	1404112	38.125	ng/u1	99
72) Phenanthrene	17.328	178	4695937	81.934	ng/u1	99
74) Anthracene	17.416	178	653424	11.331	ng/u1	99
77) Carbazole	17.692	167	768992	14.759	ng/u1	99
80) Fluoranthene	19.292	202	3136997	40.182	ng/u1	98
82) Pyrene	19.645	202	2492038	30.658	ng/u1	97
85) Benzo(a)anthracene	21.351	228	1152978	13.997	ng/u1	98
87) Chrysene	21.404	228	913550	11.818	ng/u1	97
90) Benzo(b)fluoranthene	23.051	252	1429848	16.521	ng/u1	99
91) Benzo(k)fluoranthene	23.098	252	433685m	5.204	ng/u1	
93) Benzo(a)pyrene	23.686	252	992633	12.852	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.315	276	580972	5.910	ng/u1	97

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QLast Update : Fri Oct 07 03:22:44 2022
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ahmed
10/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Dibenzo(a,h)anthracene	26.321	278	152566	1.747	ng/ul#	77
96) Benzo(g,h,i)perylene	27.098	276	550214	6.313	ng/ul	98

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

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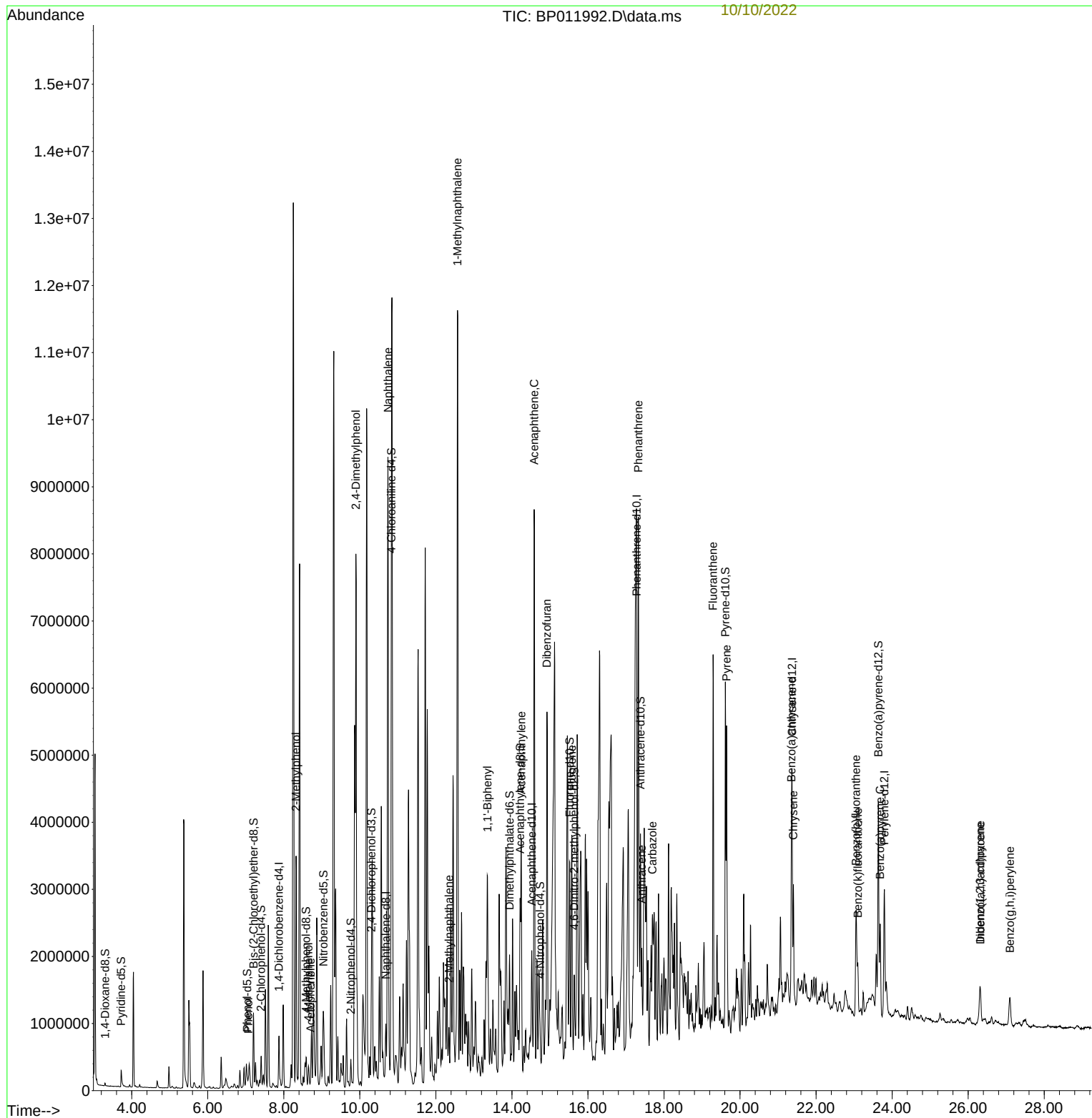
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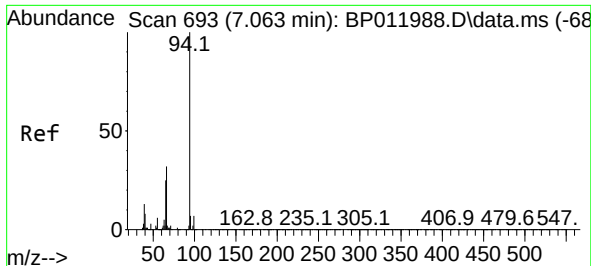
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#8
Phenol
Concen: 3.673 ng/ul
RT: 7.069 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

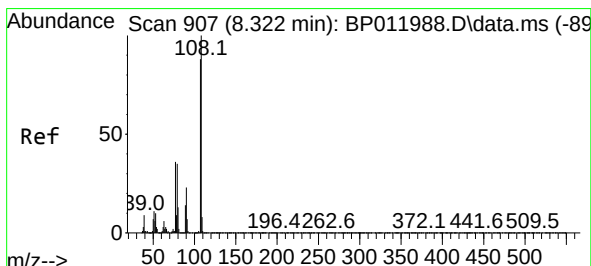
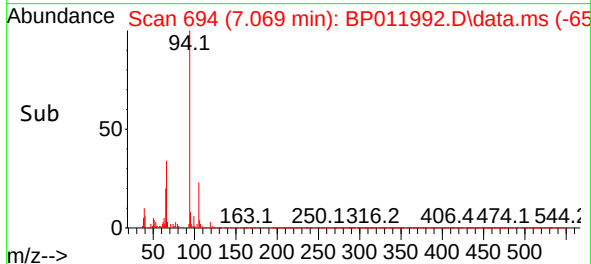
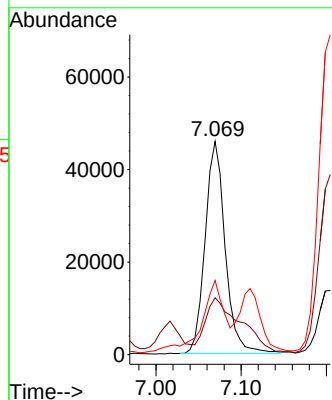
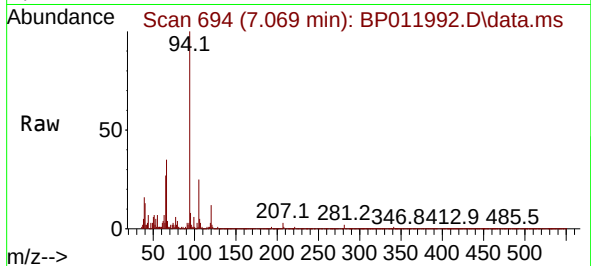
Instrument :
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Client Sample Id :
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Tgt Ion: 94 Resp: 74719
Ion Ratio Lower Upper
94 100
65 26.7 19.5 29.3
66 34.8 25.0 37.4

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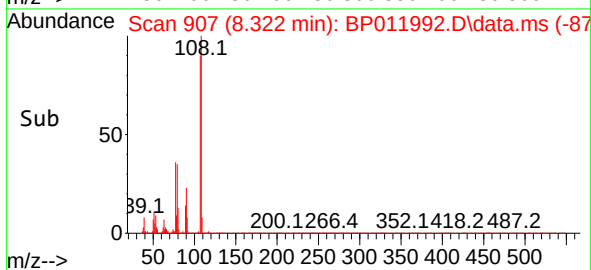
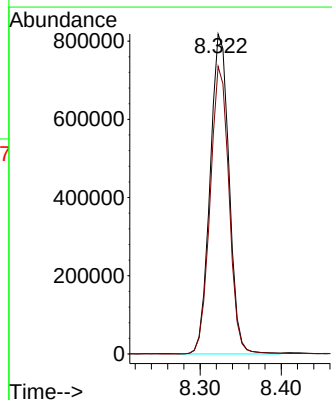
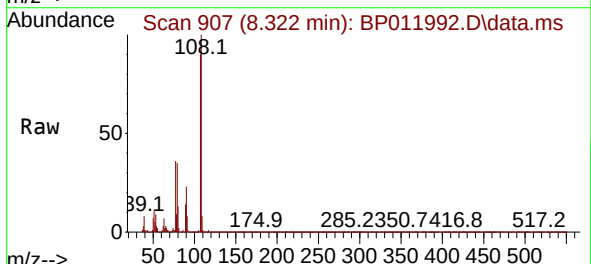
Reviewed By :Jagrut Upadhyay 10/07/2022
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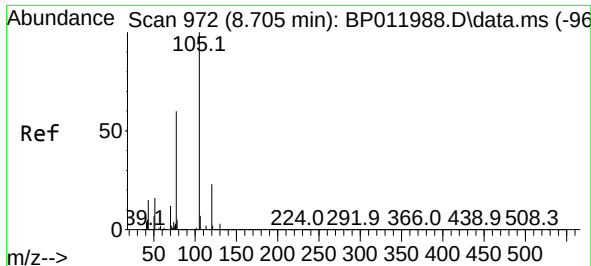
Supervised By :mohammad
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#13
2-Methylphenol
Concen: 83.054 ng/ul
RT: 8.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

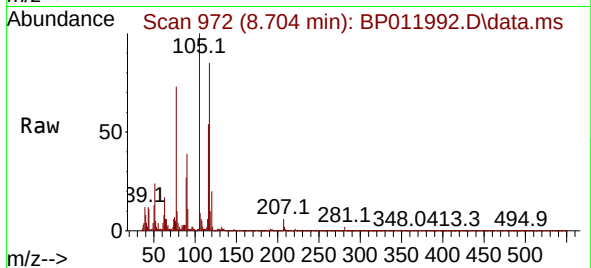
Tgt Ion:108 Resp: 1331151
Ion Ratio Lower Upper
108 100
107 89.8 70.2 105.2





#16
Acetophenone
Concen: 2.634 ng/ul m
RT: 8.704 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

Instrument :
BNA_P
ClientSampleId :
E10011

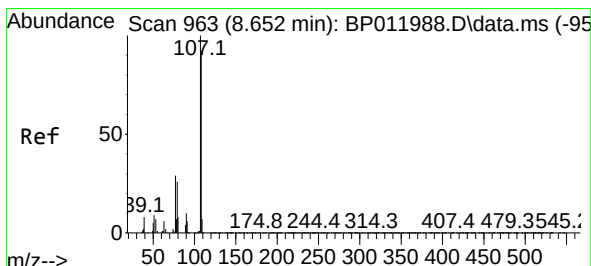
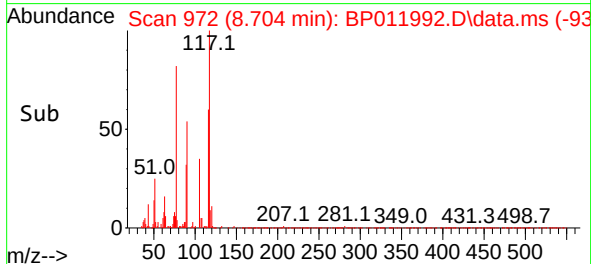
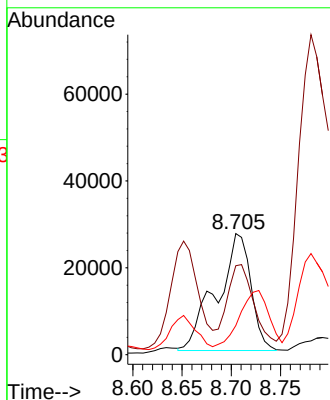


Tgt Ion:105 Resp: 6512
Ion Ratio Lower Upper
105 100
77 73.4 55.4 83.0
51 24.1 15.2 22.8

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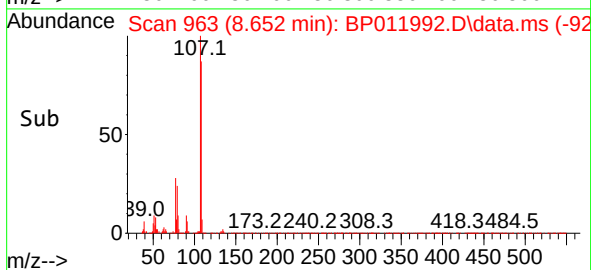
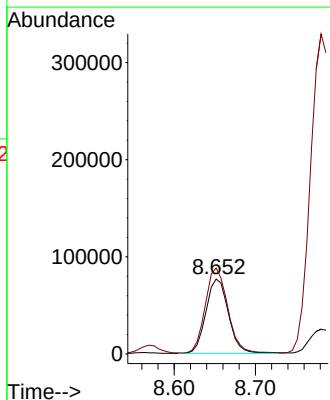
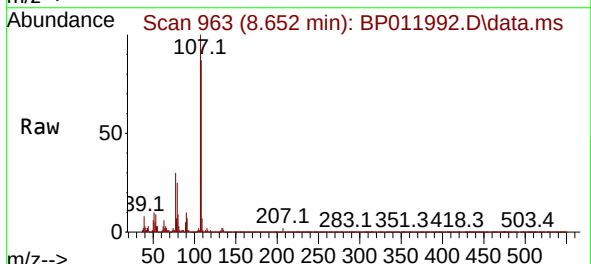
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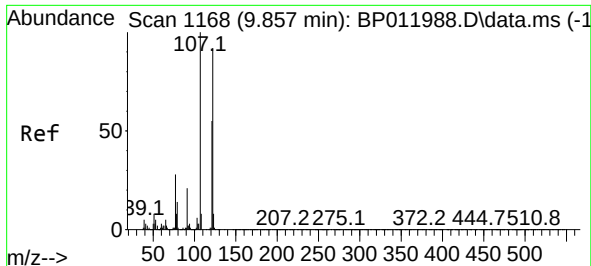
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10/10/2022



#18
4-Methylphenol
Concen: 8.367 ng/ul
RT: 8.652 min Scan# 963
Delta R.T. -0.000 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

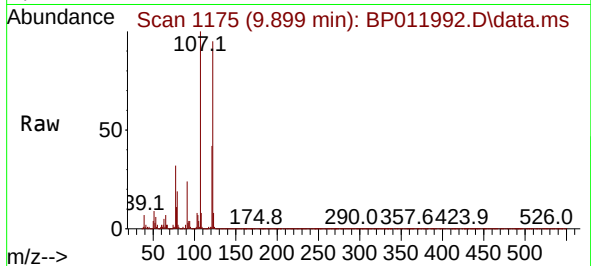
Tgt Ion:108 Resp: 147758
Ion Ratio Lower Upper
108 100
107 114.8 88.0 132.0





#26
2,4-Dimethylphenol
Concen: 343.181 ng/ul m
RT: 9.899 min Scan# 1168
Delta R.T. 0.041 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

Instrument :
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ClientSampleId :
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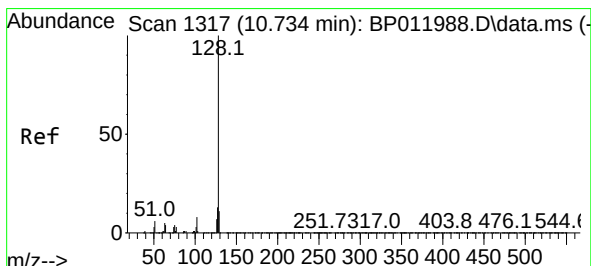
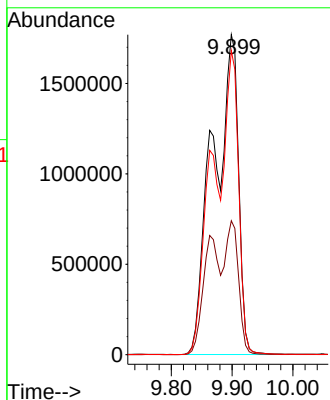
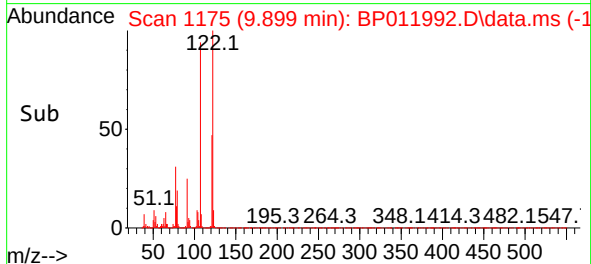


Tgt Ion:107 Resp: 510358
Ion Ratio Lower Upper
107 100
121 41.9 43.0 64.6
122 95.0 74.9 112.3

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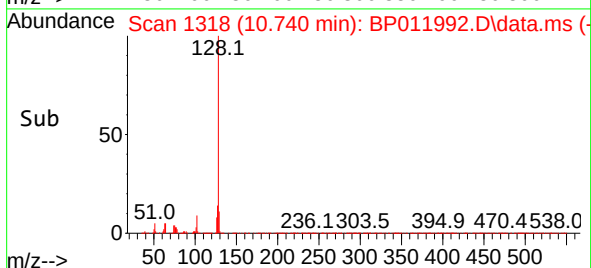
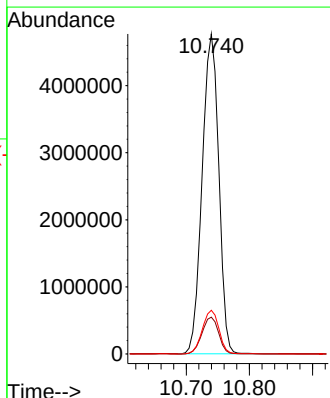
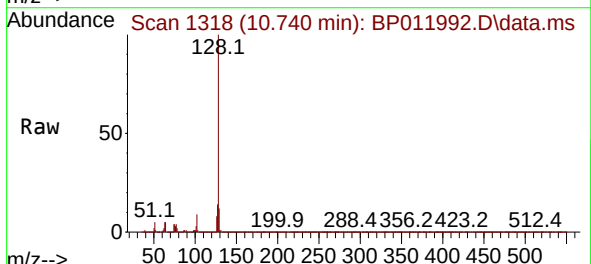
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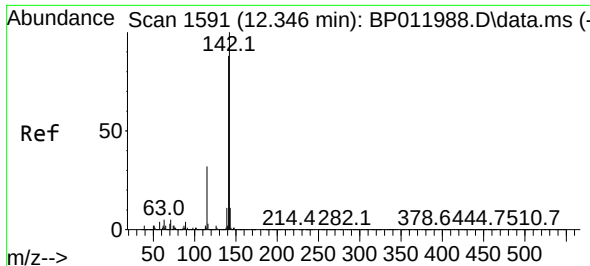
Supervised By :mohammad
ahmed
10/10/2022



#30
Naphthalene
Concen: 190.198 ng/ul
RT: 10.740 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

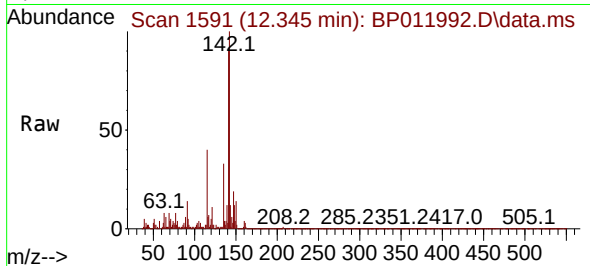
Tgt Ion:128 Resp: 8689003
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.7 10.5 15.7





#36
2-Methylnaphthalene
Concen: 7.370 ng/ul
RT: 12.345 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

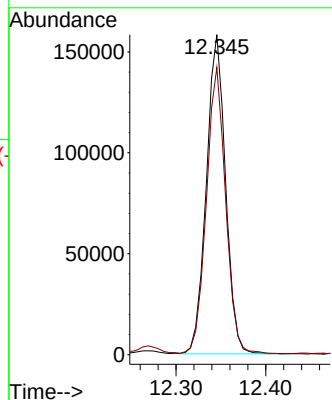
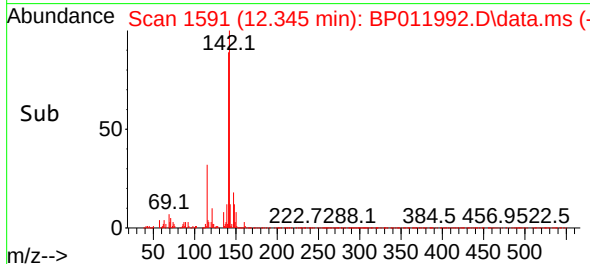
Instrument :
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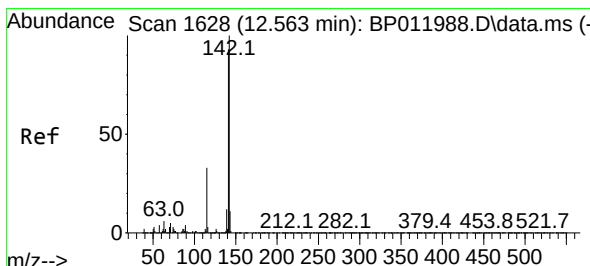
Tgt Ion:142 Resp: 23512
Ion Ratio Lower Upper
142 100
141 89.7 70.6 106.0

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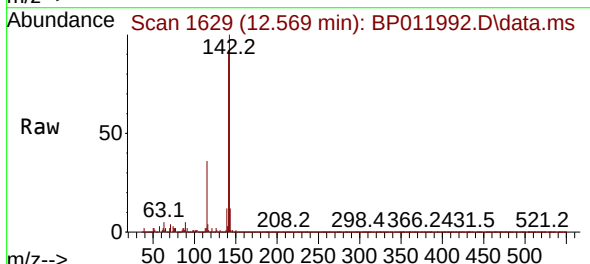
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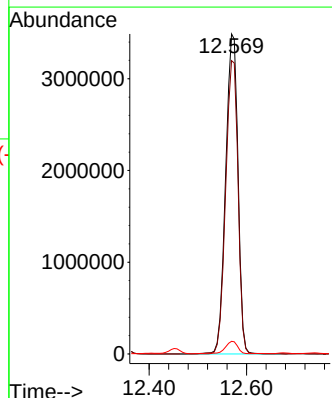
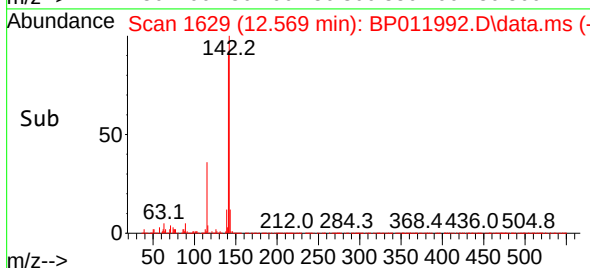
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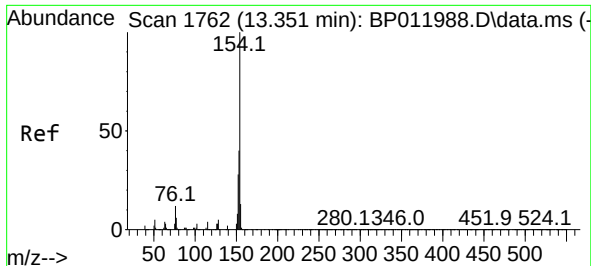


#37
1-Methylnaphthalene
Concen: 192.328 ng/ul
RT: 12.569 min Scan# 1629
Delta R.T. 0.006 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19



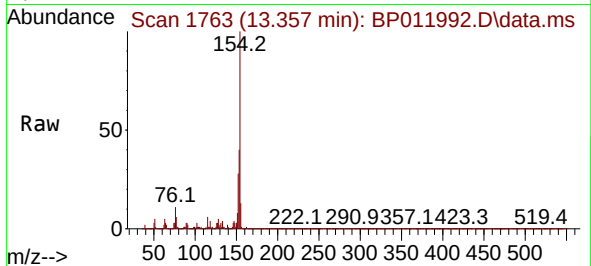
Tgt Ion:142 Resp: 6156975
Ion Ratio Lower Upper
142 100
141 91.6 74.8 112.2
116 4.0 2.9 4.3





#43
1,1'-Biphenyl
Concen: 37.597 ng/ul
RT: 13.357 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BP011992.D
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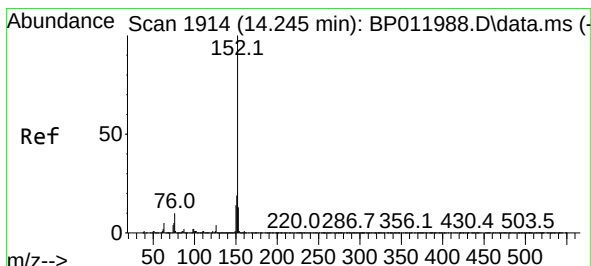
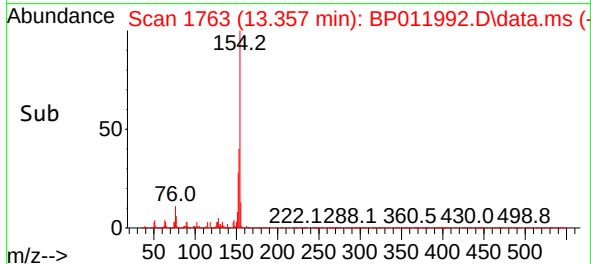
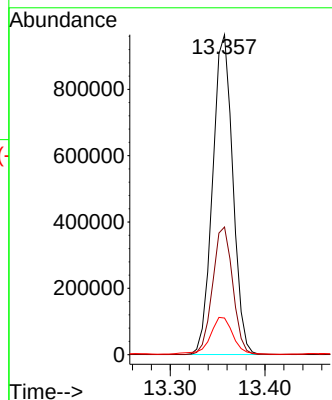


Tgt Ion:154 Resp: 1429230
Ion Ratio Lower Upper
154 100
153 39.9 31.8 47.6
76 11.5 9.5 14.3

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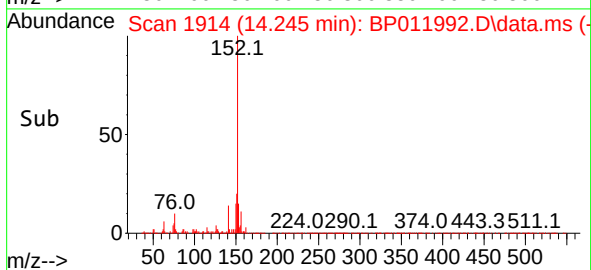
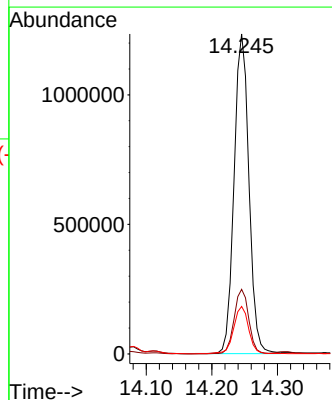
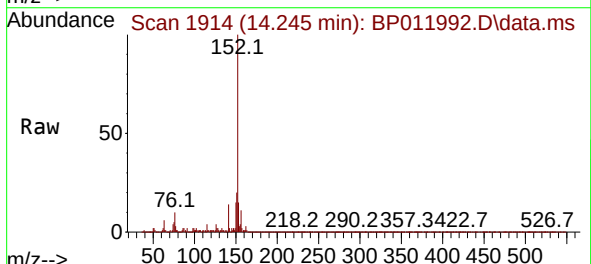
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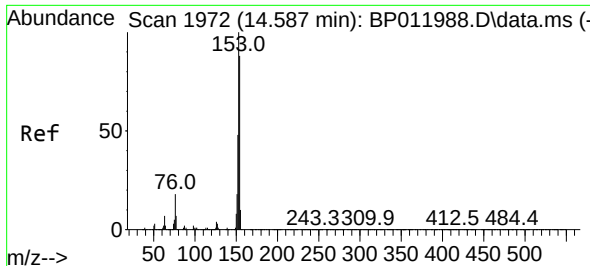
Supervised By :mohammad
ahmed
10/10/2022



#50
Acenaphthylene
Concen: 41.745 ng/ul
RT: 14.245 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

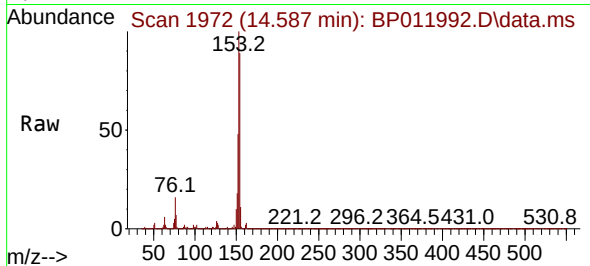
Tgt Ion:152 Resp: 1942521
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 14.8 10.8 16.2





#52
Acenaphthene
Concen: 106.533 ng/ul
RT: 14.587 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP011992.D
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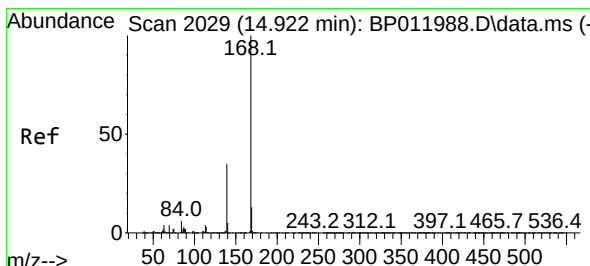
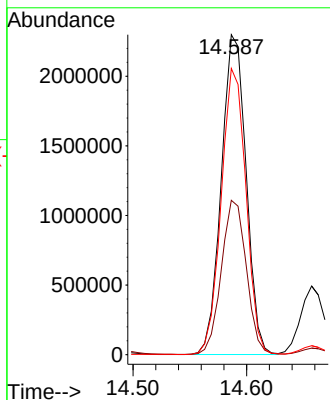
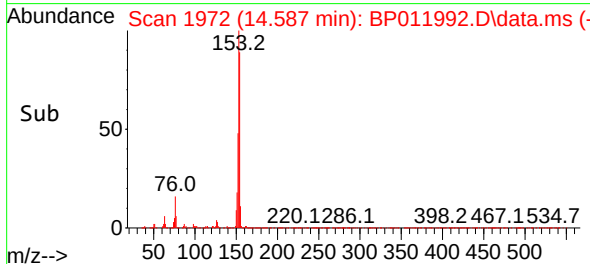


Tgt Ion:153 Resp: 3497470
Ion Ratio Lower Upper
153 100
152 48.2 38.4 57.6
154 89.4 70.6 105.8

Manual Integrations
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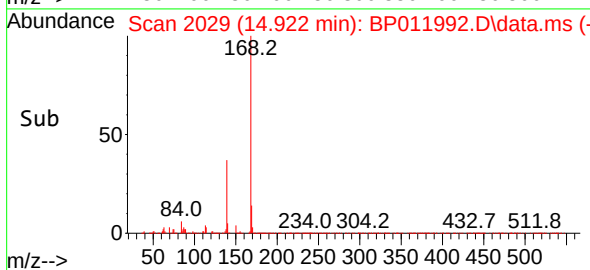
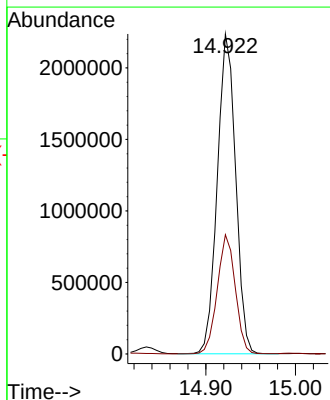
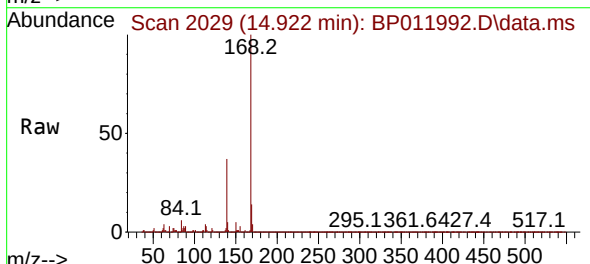
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022

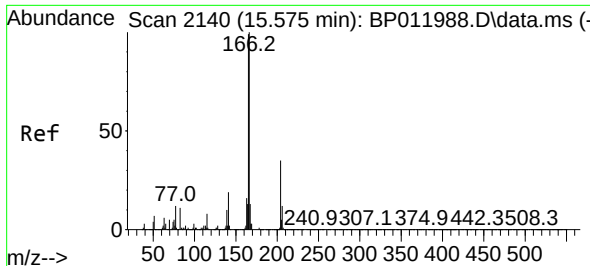
Supervised By :mohammad
ahmed
10/10/2022



#56
Dibenzofuran
Concen: 70.672 ng/ul
RT: 14.922 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

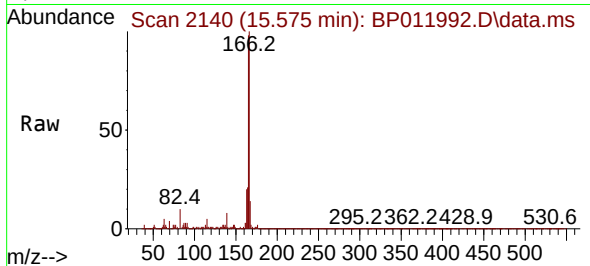
Tgt Ion:168 Resp: 3177851
Ion Ratio Lower Upper
168 100
139 37.3 29.4 44.2





#61
Fluorene
Concen: 38.125 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

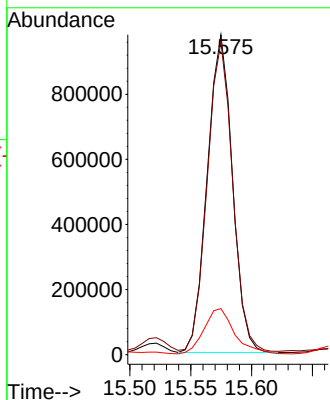
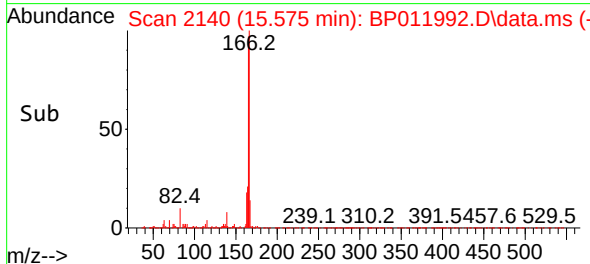
Instrument :
BNA_P
ClientSampleId :
E10011



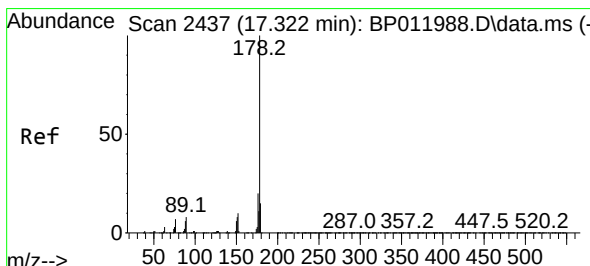
Tgt Ion:166 Resp: 140411
Ion Ratio Lower Upper
166 100
165 97.7 77.2 115.8
167 14.4 10.7 16.1

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Supervised By :mohammad ahmed 10/10/2022

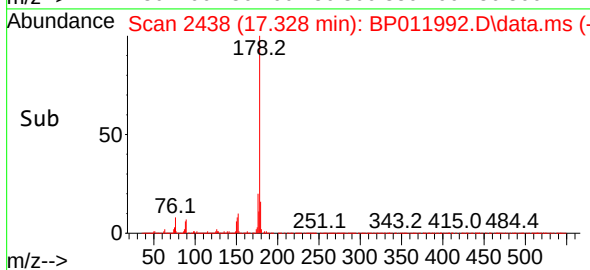
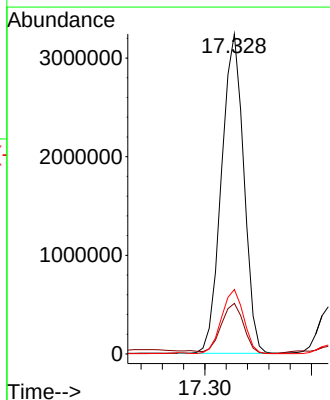
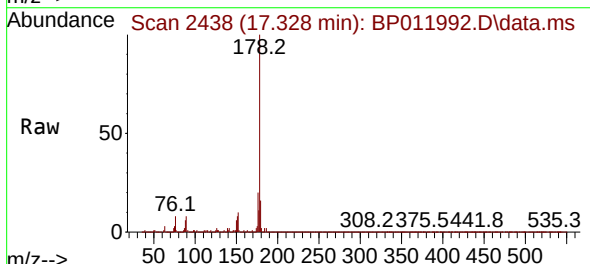


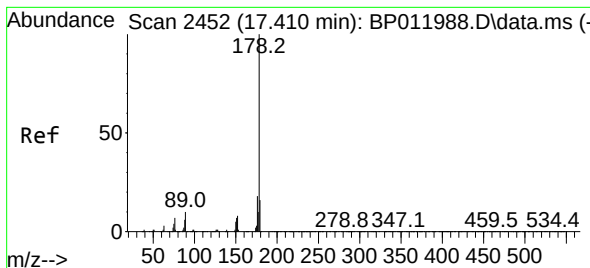
Supervised By :mohammad
ahmed
10/10/2022



#72
Phenanthrene
Concen: 81.934 ng/ul
RT: 17.328 min Scan# 2438
Delta R.T. 0.006 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

Tgt Ion:178 Resp: 4695937
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 20.1 15.4 23.2





#74

Anthracene

Concen: 11.331 ng/ul

RT: 17.416 min Scan# 24

Delta R.T. 0.006 min

Lab File: BP011992.D

Acq: 07 Oct 2022 04:19

Instrument :

BNA_P

ClientSampleId :

E10011

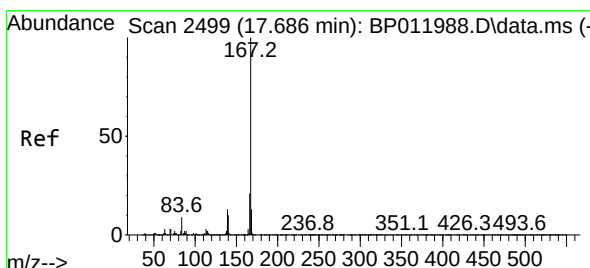
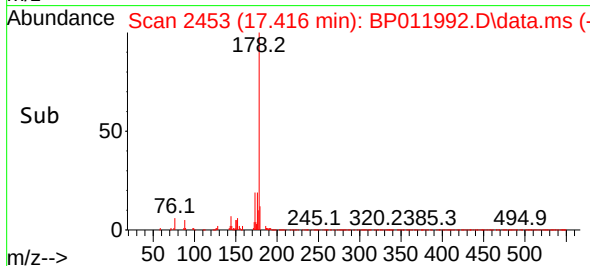
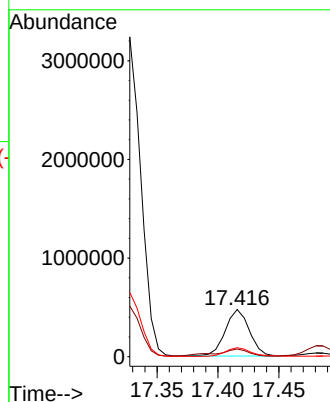
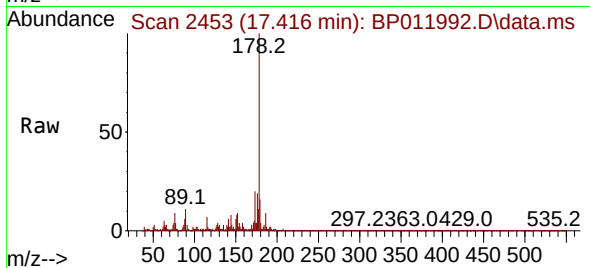
Tgt Ion:178	Resp: 653424
Ion Ratio	Lower Upper
178 100	
179 16.4	12.3 18.5
176 19.0	15.4 23.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022

Supervised By :mohammad
ahmed
10/10/2022



#77

Carbazole

Concen: 14.759 ng/ul

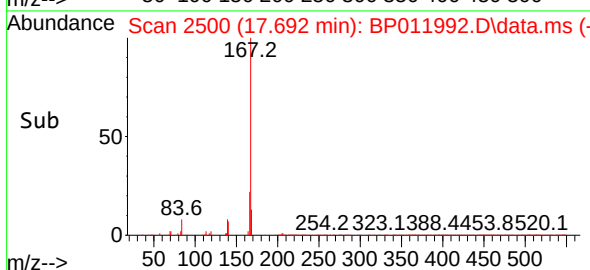
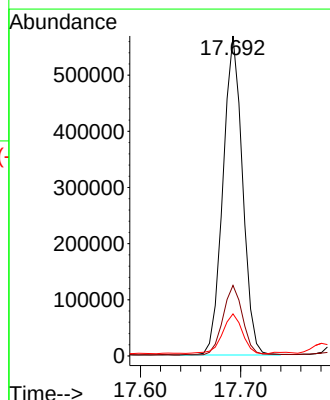
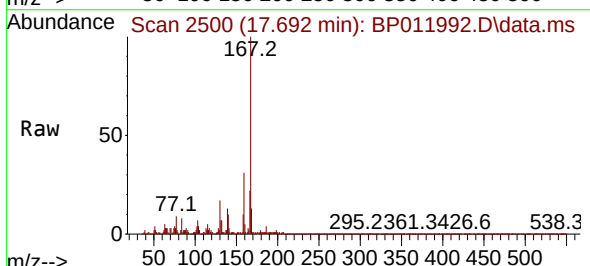
RT: 17.692 min Scan# 2500

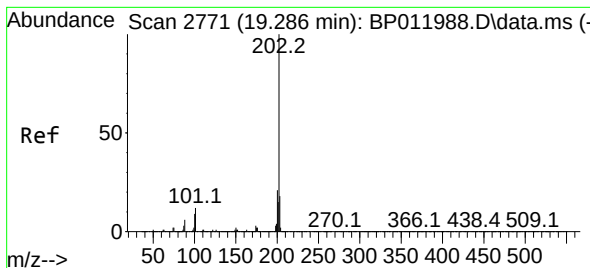
Delta R.T. 0.006 min

Lab File: BP011992.D

Acq: 07 Oct 2022 04:19

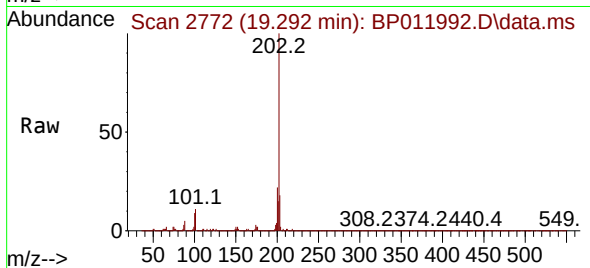
Tgt Ion:167	Resp: 768992
Ion Ratio	Lower Upper
167 100	
166 22.1	17.1 25.7
139 13.2	10.1 15.1





#80
Fluoranthene
Concen: 40.182 ng/u1
RT: 19.292 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

Instrument :
BNA_P
ClientSampleId :
E10011

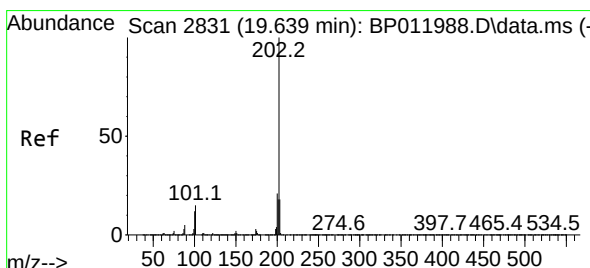
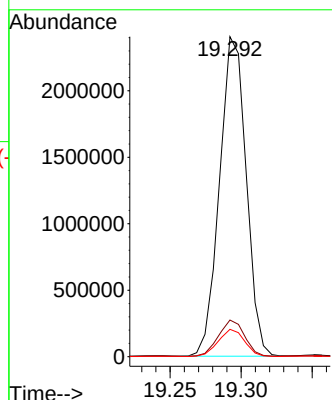
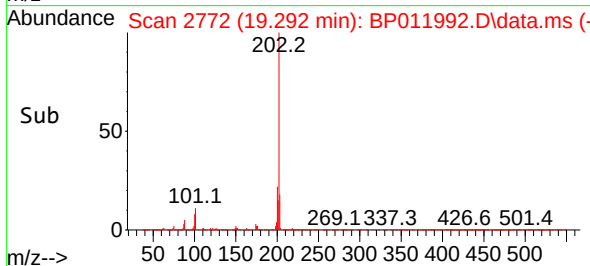


Tgt Ion:202 Resp: 313699
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.6
100 8.6 7.4 11.0

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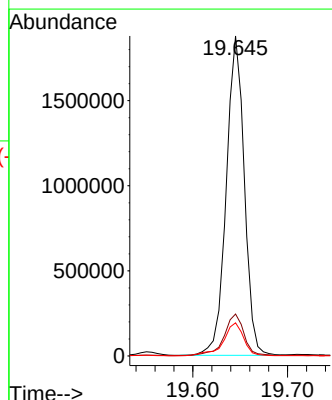
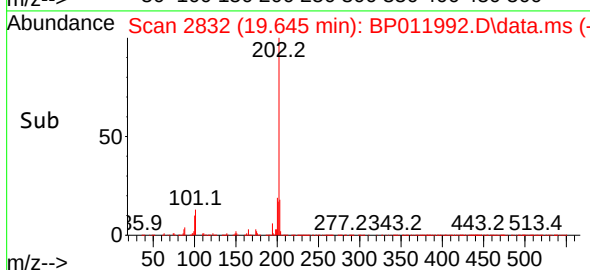
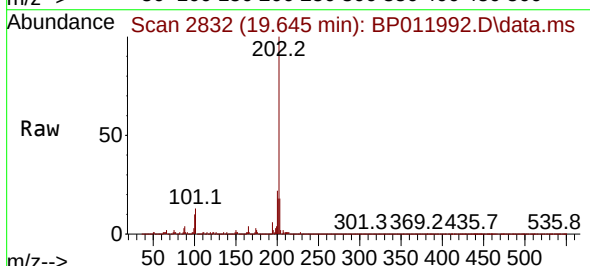
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022

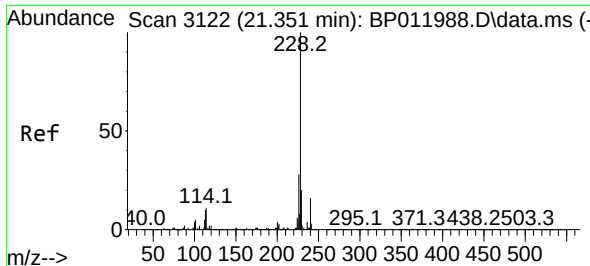
Supervised By :mohammad
ahmed
10/10/2022



#82
Pyrene
Concen: 30.658 ng/u1
RT: 19.645 min Scan# 2832
Delta R.T. 0.006 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

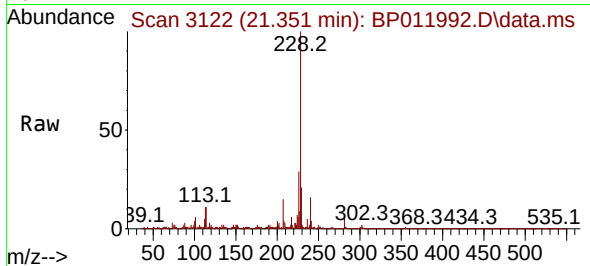
Tgt Ion:202 Resp: 2492038
Ion Ratio Lower Upper
202 100
101 13.1 11.6 17.4
100 10.4 9.4 14.0





#85
Benzo(a)anthracene
Concen: 13.997 ng/ul
RT: 21.351 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

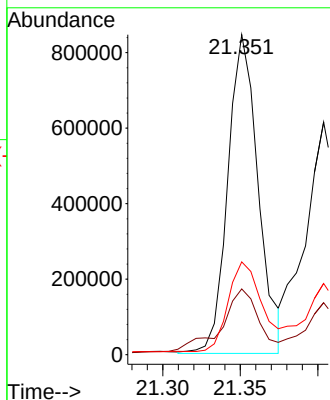
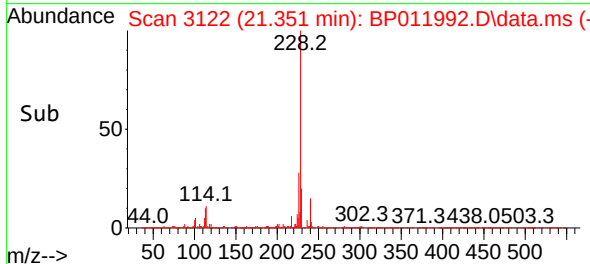
Instrument :
BNA_P
ClientSampleId :
E10011



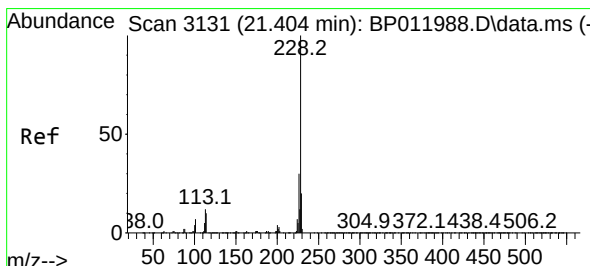
Tgt Ion:228 Resp: 1152978
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 29.0 22.0 33.0

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Supervised By :mohammad ahmed 10/10/2022

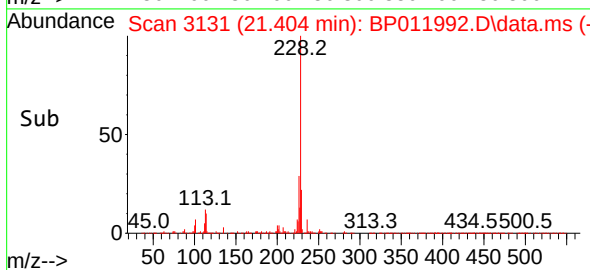
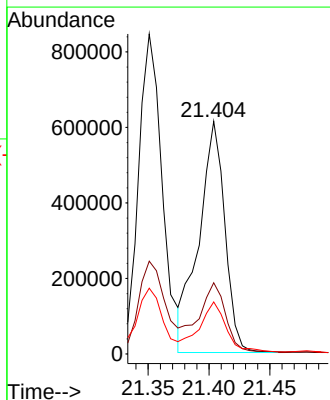
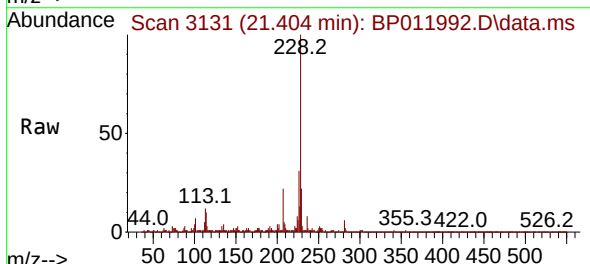


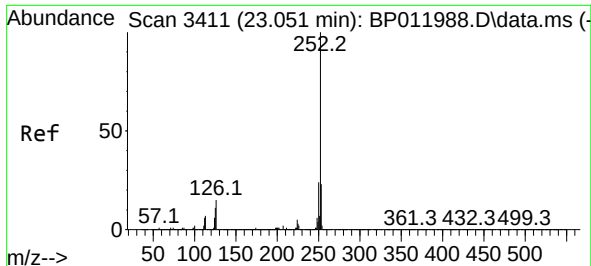
Supervised By :mohammad
ahmed
10/10/2022



#87
Chrysene
Concen: 11.818 ng/ul
RT: 21.404 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

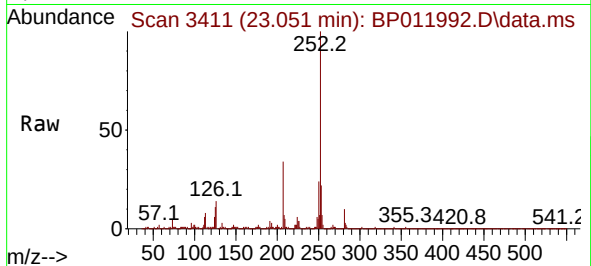
Tgt Ion:228 Resp: 913550
Ion Ratio Lower Upper
228 100
226 30.6 25.3 37.9
229 22.4 16.2 24.2





#90
Benzo(b)fluoranthene
Concen: 16.521 ng/ul
RT: 23.051 min Scan# 3411
Delta R.T. -0.000 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

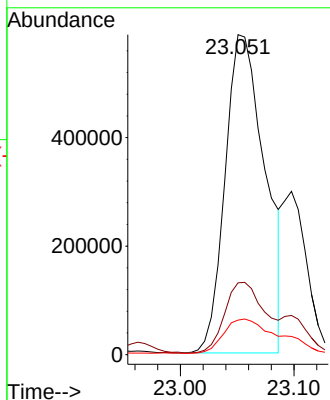
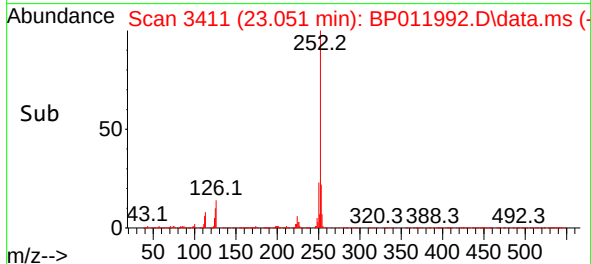
Instrument :
BNA_P
ClientSampleId :
E10011



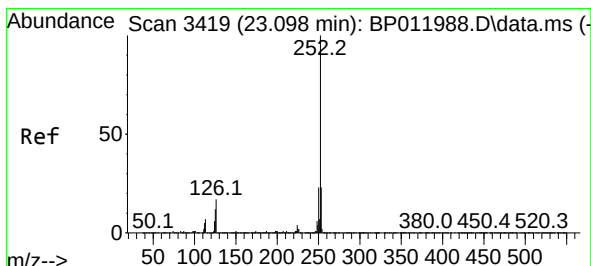
Tgt Ion:252 Resp: 142984
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.8 9.2 13.8

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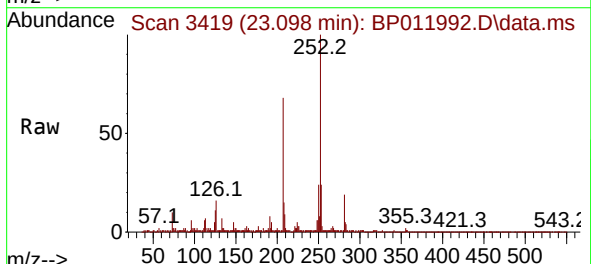
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022



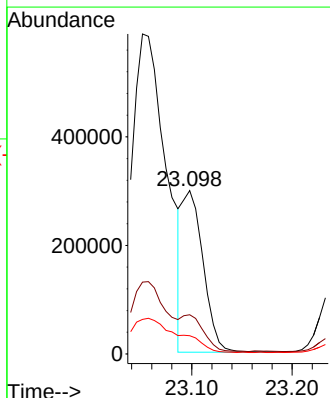
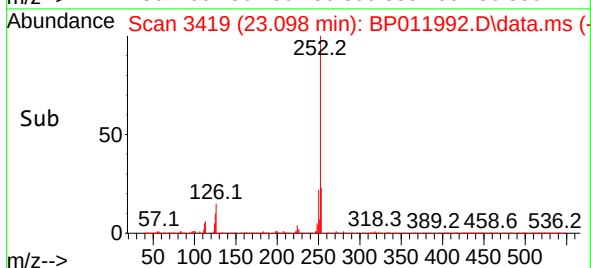
Supervised By :mohammad
ahmed
10/10/2022

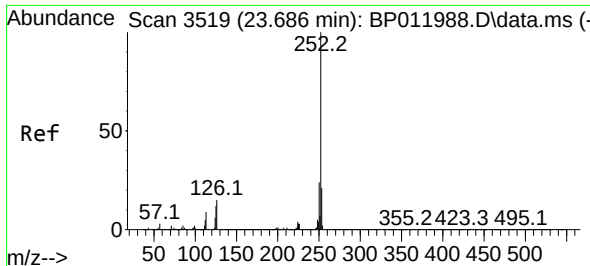


#91
Benzo(k)fluoranthene
Concen: 5.204 ng/ul m
RT: 23.098 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19



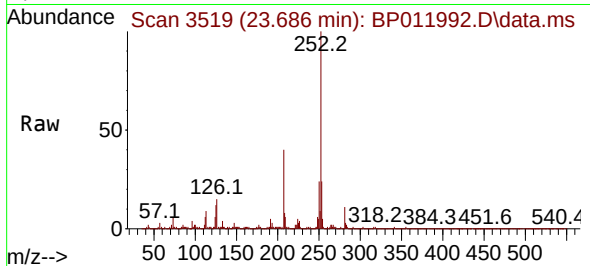
Tgt Ion:252 Resp: 433685
Ion Ratio Lower Upper
252 100
253 24.0 18.0 27.0
125 11.2 9.2 13.8





#93
Benzo(a)pyrene
Concen: 12.852 ng/ul
RT: 23.686 min Scan# 3519
Delta R.T. -0.000 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

Instrument :
BNA_P
ClientSampleId :
E10011

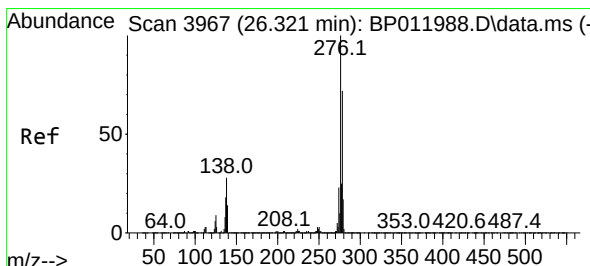
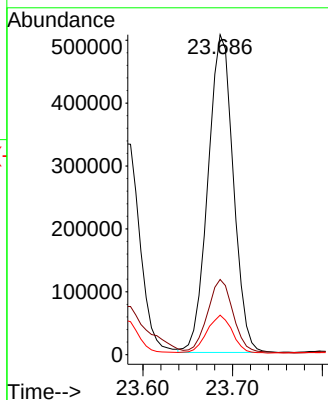
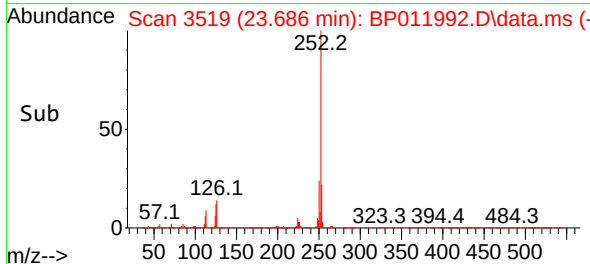


Tgt Ion:252 Resp: 992633
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 12.3 9.8 14.8

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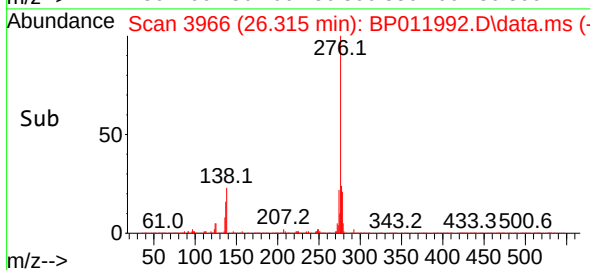
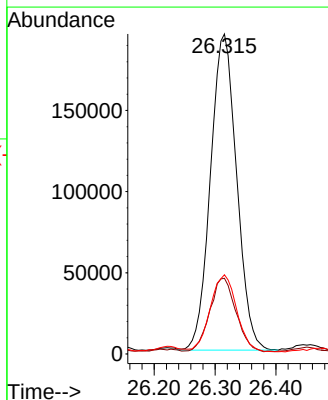
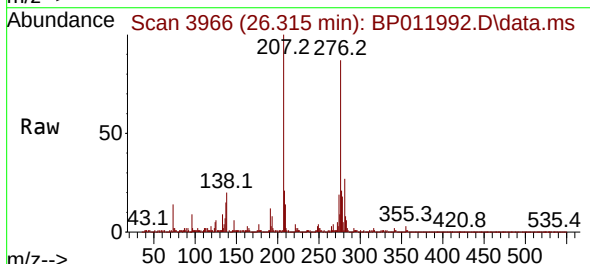
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022

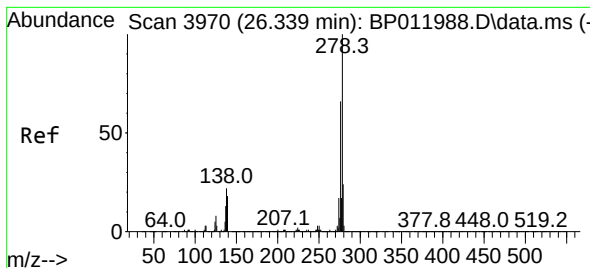
Supervised By :mohammad
ahmed
10/10/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 5.910 ng/ul
RT: 26.315 min Scan# 3966
Delta R.T. -0.006 min
Lab File: BP011992.D
Acq: 07 Oct 2022 04:19

Tgt Ion:276 Resp: 580972
Ion Ratio Lower Upper
276 100
138 23.6 21.4 32.0
277 24.8 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 1.747 ng/ul

RT: 26.321 min Scan# 3967

Delta R.T. -0.018 min

Lab File: BP011992.D

Acq: 07 Oct 2022 04:19

Instrument :

BNA_P

ClientSampleId :

E10011

Tgt Ion:278 Resp: 152560

Ion Ratio Lower Upper

278 100

139 0.0 15.0 22.6

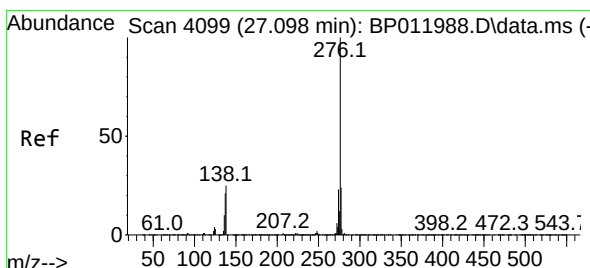
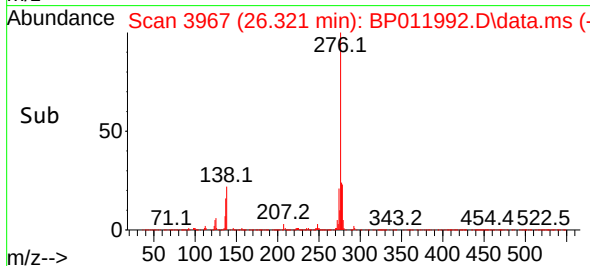
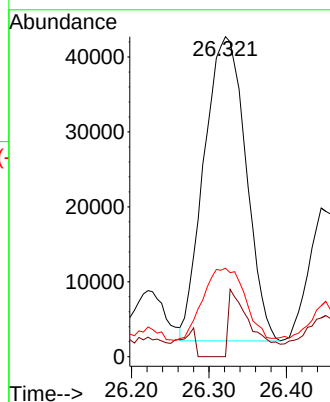
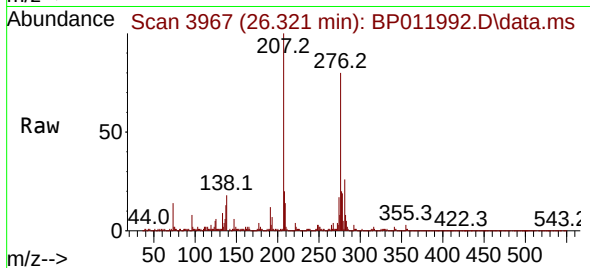
279 27.6 19.0 28.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022

Supervised By :mohammad
ahmed
10/10/2022



#96

Benzo(g,h,i)perylene

Concen: 6.313 ng/ul

RT: 27.098 min Scan# 4099

Delta R.T. -0.000 min

Lab File: BP011992.D

Acq: 07 Oct 2022 04:19

Tgt Ion:276 Resp: 550214

Ion Ratio Lower Upper

276 100

138 23.9 19.8 29.6

277 24.3 18.6 27.8

