

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP012012.D
 Acq On : 07 Oct 2022 17:18
 Operator : CG/JU
 Sample : N4923-09DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10011DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 23:09:23 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	217471	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	882938	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	533504	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	1109103	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	1127430	20.000	ng/u1	0.00
88) Perylene-d12	23.798	264	1176420	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.046	99	12653	0.674	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	53694	5.160	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	36127	2.438	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	25970	1.673	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	39398	5.858	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	23225	3.228	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	41220	3.097	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	131472m	6.480	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	208988	5.478	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	253881	5.837	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.516	176	201107	6.070	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.380	188	300535	5.949	ng/u1	0.00
81) Pyrene-d10	19.616	212	347848	6.092	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	342144	5.810	ng/u1	0.00
Target Compounds						
					Qvalue	
13) 2-Methylphenol	8.322	108	226327	14.752	ng/u1	99
18) 4-Methylphenol	8.651	108	21154	1.251	ng/u1	96
26) 2,4-Dimethylphenol	9.893	107	956313m	61.947	ng/u1	
30) Naphthalene	10.734	128	1755061	37.008	ng/u1	100
36) 2-Methylnaphthalene	12.345	142	41202	1.244	ng/u1	98
37) 1-Methylnaphthalene	12.563	142	1280614	38.536	ng/u1	98
43) 1,1'-Biphenyl	13.357	154	259299	6.571	ng/u1	99
50) Acenaphthylene	14.245	152	352182	7.291	ng/u1	98
52) Acenaphthene	14.586	153	667457	19.585	ng/u1	99
56) Dibenzofuran	14.922	168	597228	12.795	ng/u1	99
61) Fluorene	15.575	166	255532	6.684	ng/u1	98
72) Phenanthrene	17.322	178	880805	14.451	ng/u1	100
74) Anthracene	17.416	178	114471	1.867	ng/u1	99
77) Carbazole	17.692	167	126833	2.289	ng/u1	98
80) Fluoranthene	19.292	202	520618	7.451	ng/u1	99
82) Pyrene	19.645	202	412123	5.665	ng/u1	97
85) Benzo(a)anthracene	21.351	228	176385	2.392	ng/u1	97
87) Chrysene	21.404	228	141312	2.042	ng/u1	97
90) Benzo(b)fluoranthene	23.057	252	216437	2.882	ng/u1	97
93) Benzo(a)pyrene	23.686	252	141165	2.107	ng/u1	94
96) Benzo(g,h,i)perylene	27.103	276	78138	1.033	ng/u1	98

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

Instrument :

BNA_P

ClientSampleId :

E10011DL

Manual Integrations**APPROVED**

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

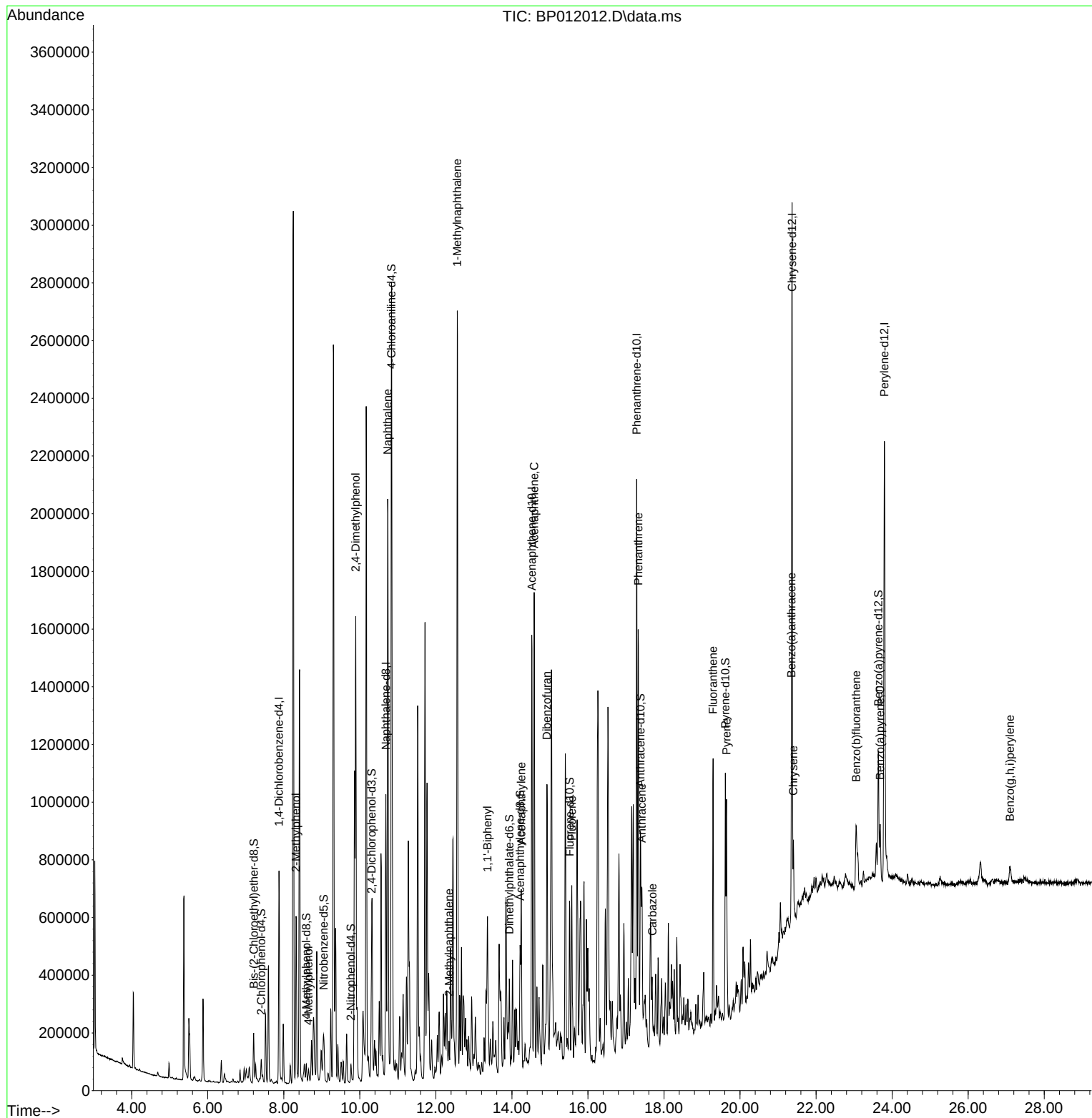
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
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 ALS Vial : 8 Sample Multiplier: 1

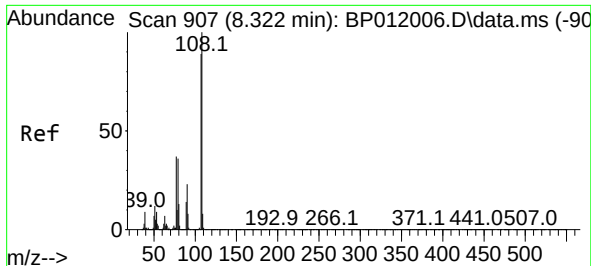
Instrument :
 BNA_P
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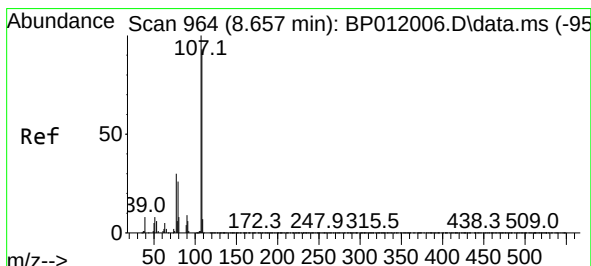
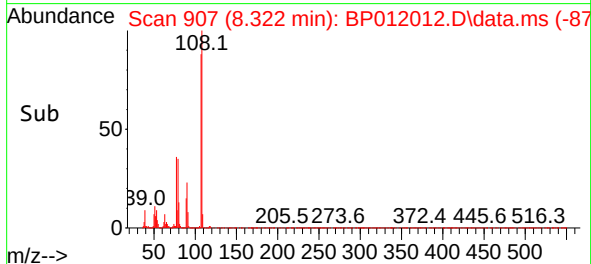
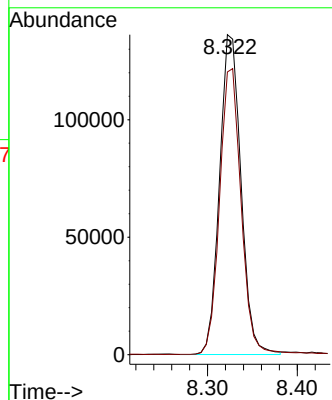
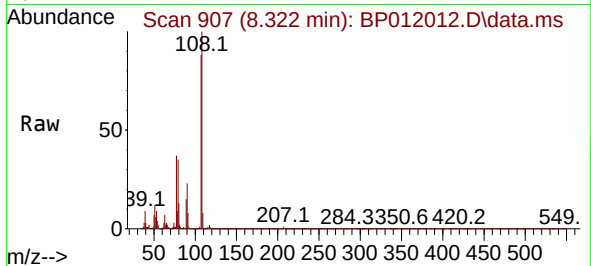
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2-Methylphenol
Concen: 14.752 ng/ul
RT: 8.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

Instrument :
BNA_P
ClientSampleId :
E10011DL

Tgt Ion:108 Resp: 22632
Ion Ratio Lower Upper
108 100
107 88.3 70.2 105.2

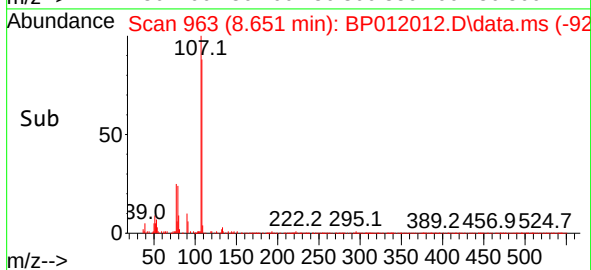
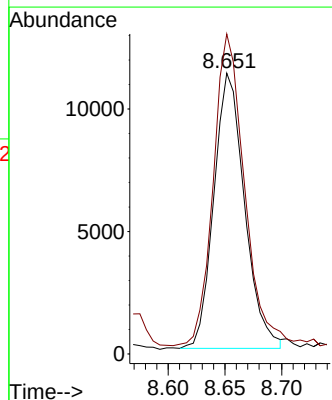
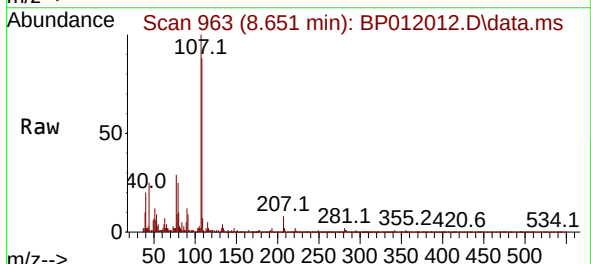
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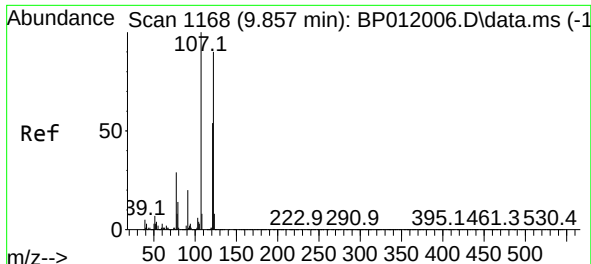
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#18
4-Methylphenol
Concen: 1.251 ng/ul
RT: 8.651 min Scan# 963
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

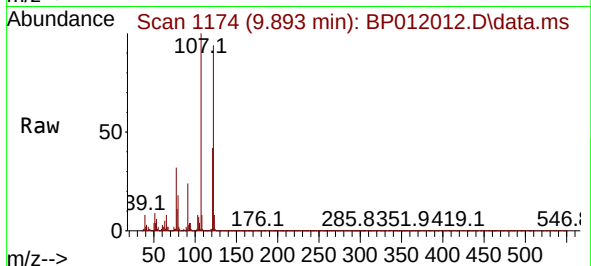
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Ion Ratio Lower Upper
108 100
107 114.0 88.0 132.0





#26
2,4-Dimethylphenol
Concen: 61.947 ng/ul m
RT: 9.893 min Scan# 1174
Delta R.T. 0.035 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

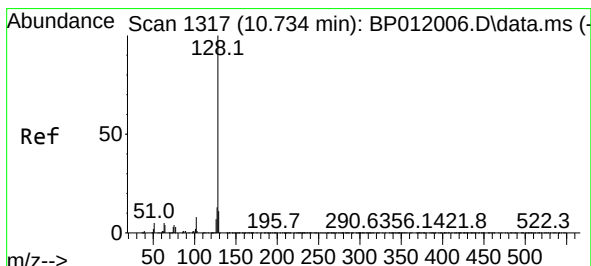
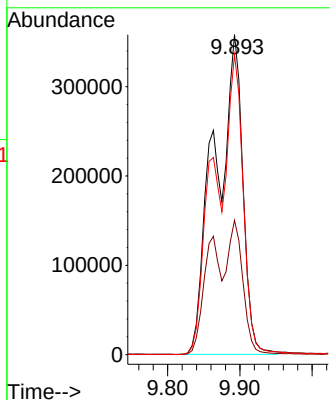
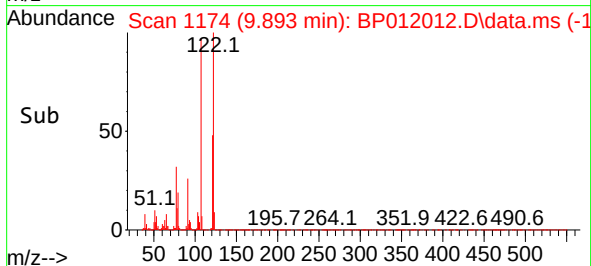
Instrument :
BNA_P
ClientSampleId :
E10011DL



Tgt Ion:107 Resp: 95631
Ion Ratio Lower Upper
107 100
121 42.0 43.0 64.6
122 93.7 74.9 112.3

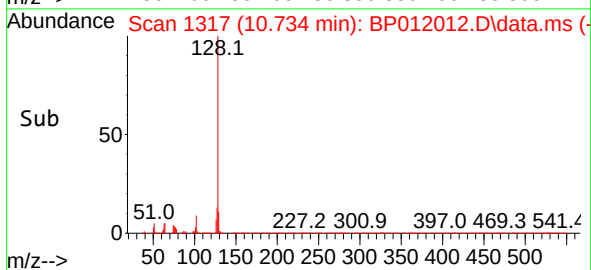
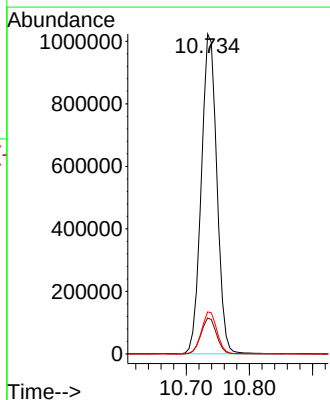
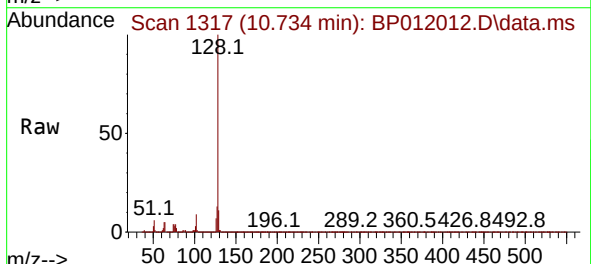
Manual Integrations
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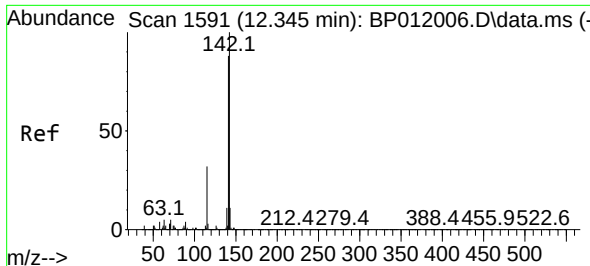
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#30
Naphthalene
Concen: 37.008 ng/ul
RT: 10.734 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

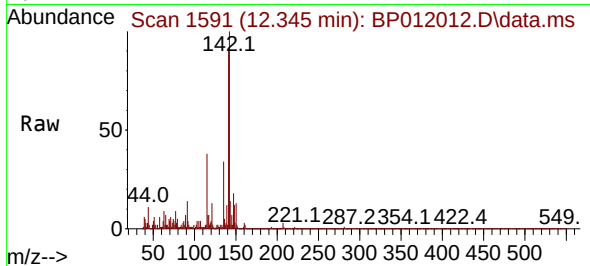
Tgt Ion:128 Resp: 1755061
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.5 15.7





#36
2-Methylnaphthalene
Concen: 1.244 ng/ul
RT: 12.345 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

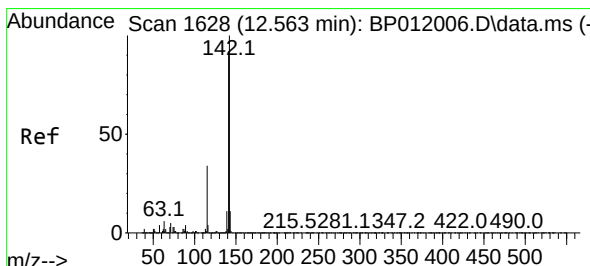
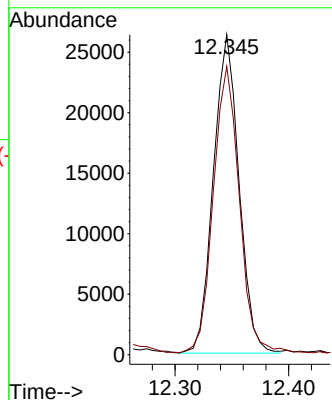
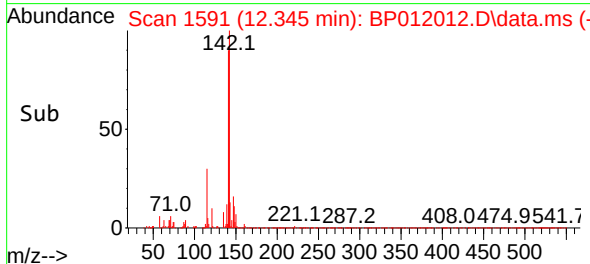
Instrument :
BNA_P
ClientSampleId :
E10011DL



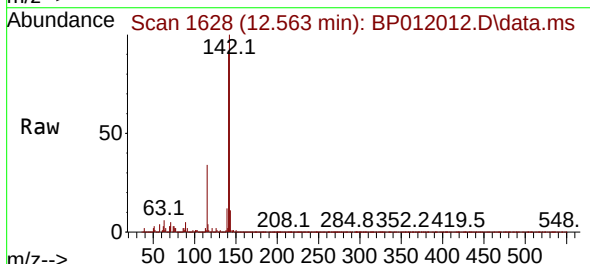
Tgt Ion:142 Resp: 4120
Ion Ratio Lower Upper
142 100
141 90.0 70.6 106.0

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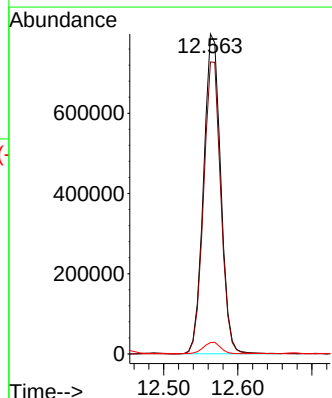
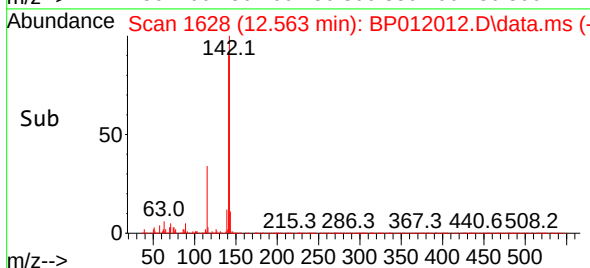
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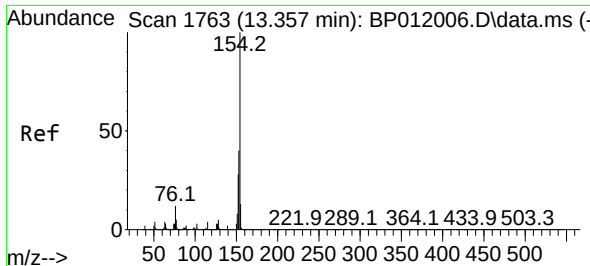


#37
1-Methylnaphthalene
Concen: 38.536 ng/ul
RT: 12.563 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18



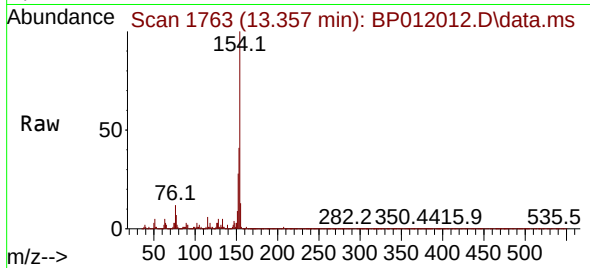
Tgt Ion:142 Resp: 1280614
Ion Ratio Lower Upper
142 100
141 91.2 74.8 112.2
116 3.6 2.9 4.3





#43
1,1'-Biphenyl
Concen: 6.571 ng/ul
RT: 13.357 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

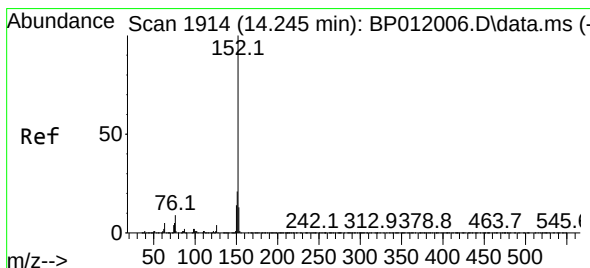
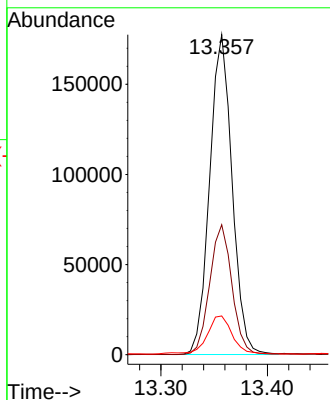
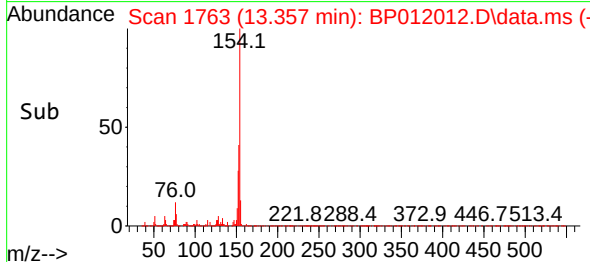
Instrument :
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E10011DL



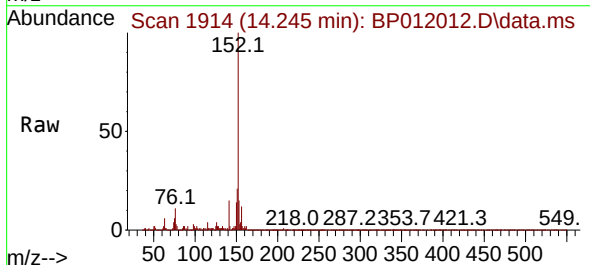
Tgt Ion:154 Resp: 259299
Ion Ratio Lower Upper
154 100
153 40.6 31.8 47.6
76 12.1 9.5 14.3

Manual Integrations
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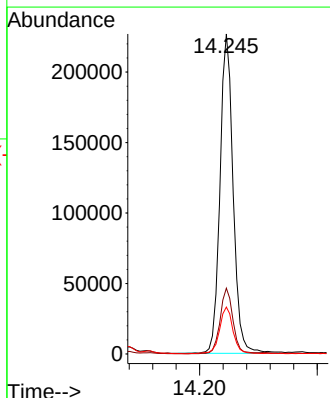
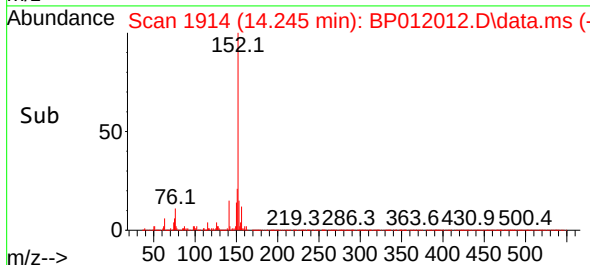
Reviewed By :Jagrut Upadhyay 10/10/2022
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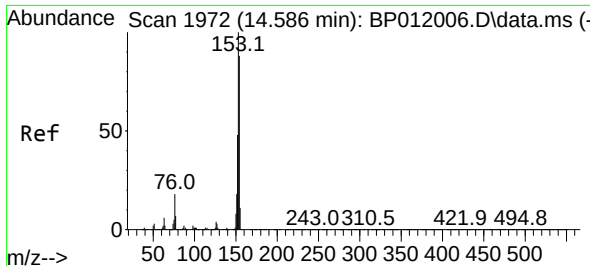


#50
Acenaphthylene
Concen: 7.291 ng/ul
RT: 14.245 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18



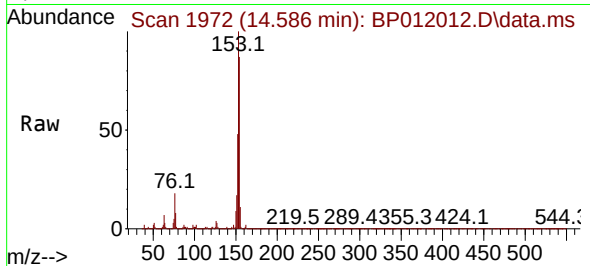
Tgt Ion:152 Resp: 352182
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 14.6 10.8 16.2





#52
Acenaphthene
Concen: 19.585 ng/ul
RT: 14.586 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

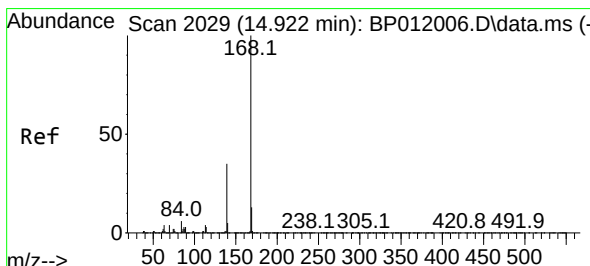
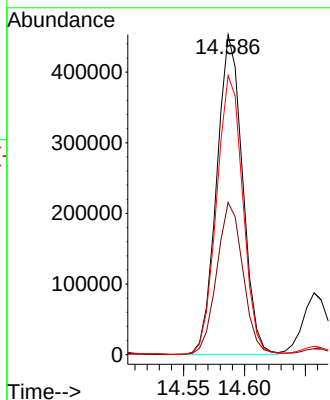
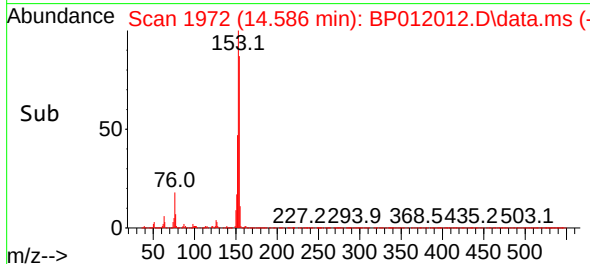
Instrument :
BNA_P
ClientSampleId :
E10011DL



Tgt Ion:153 Resp: 66745
Ion Ratio Lower Upper
153 100
152 47.5 38.4 57.6
154 87.2 70.6 105.8

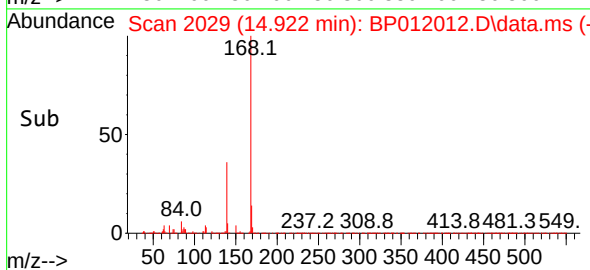
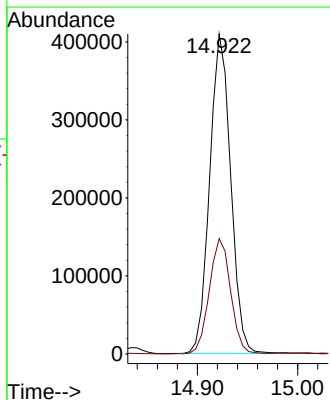
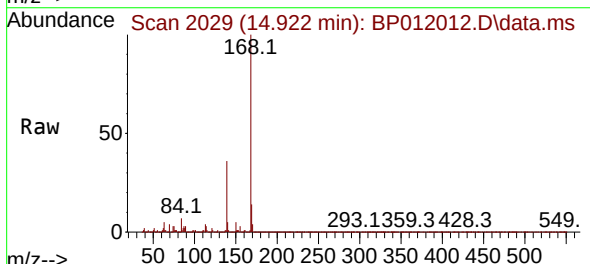
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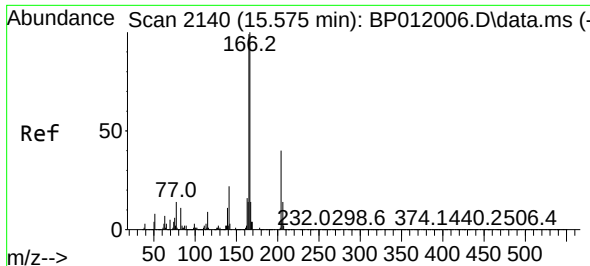
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#56
Dibenzofuran
Concen: 12.795 ng/ul
RT: 14.922 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

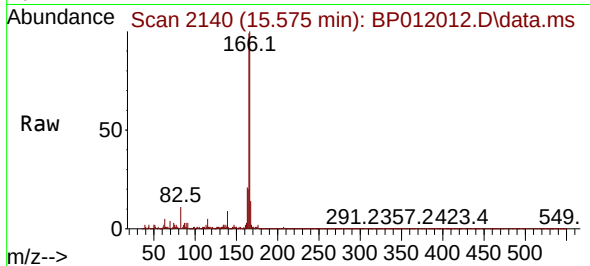
Tgt Ion:168 Resp: 597228
Ion Ratio Lower Upper
168 100
139 36.1 29.4 44.2





#61
Fluorene
Concen: 6.684 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

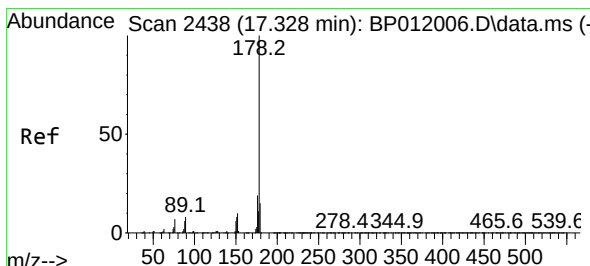
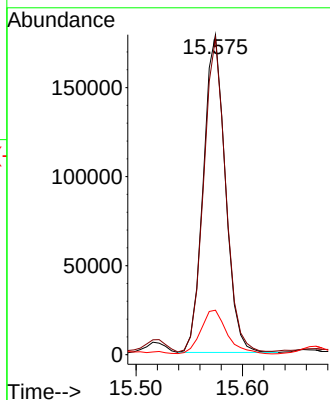
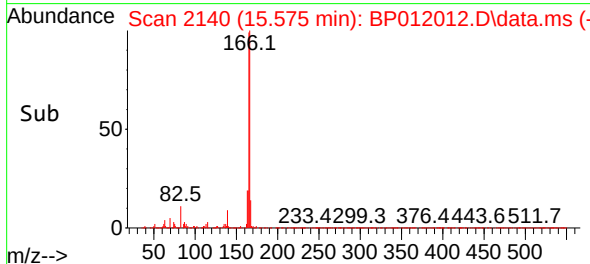
Instrument :
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ClientSampleId :
E10011DL



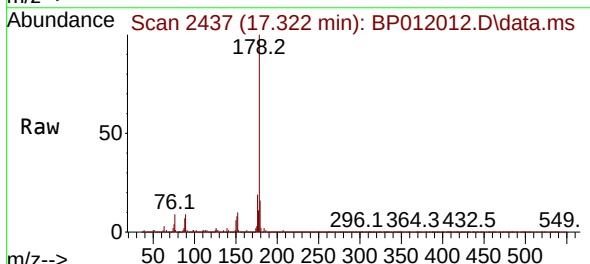
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Ion Ratio Lower Upper
166 100
165 99.0 77.2 115.8
167 13.9 10.7 16.1

Manual Integrations
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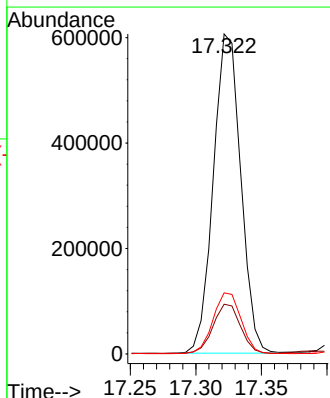
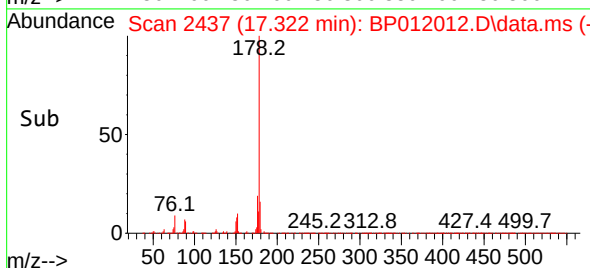
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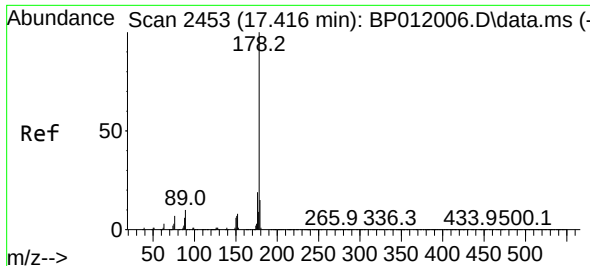


#72
Phenanthrene
Concen: 14.451 ng/ul
RT: 17.322 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18



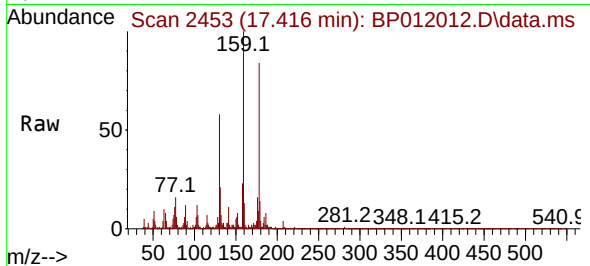
Tgt Ion:178 Resp: 880805
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.1 15.4 23.2





#74
 Anthracene
 Concen: 1.867 ng/ul
 RT: 17.416 min Scan# 2453
 Delta R.T. 0.006 min
 Lab File: BP012012.D
 Acq: 07 Oct 2022 17:18

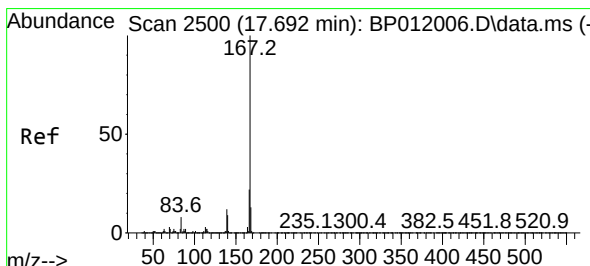
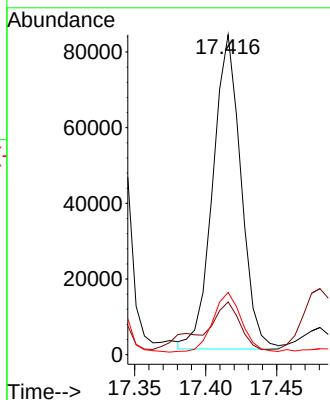
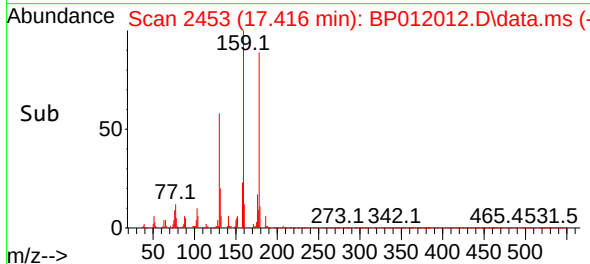
Instrument :
 BNA_P
 ClientSampleId :
 E10011DL



Tgt Ion:178 Resp: 11447
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.3 18.5
 176 19.5 15.4 23.2

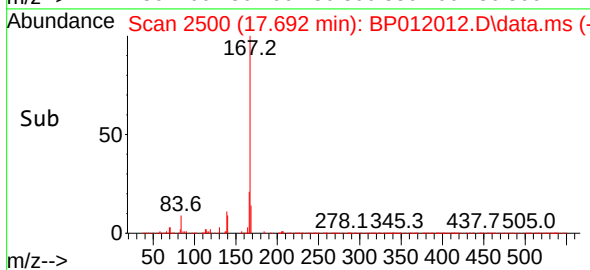
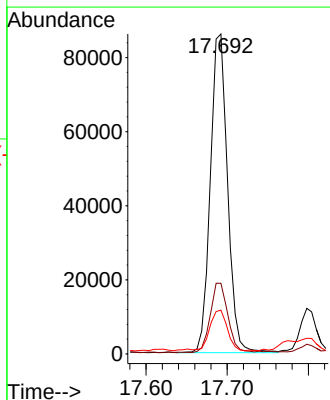
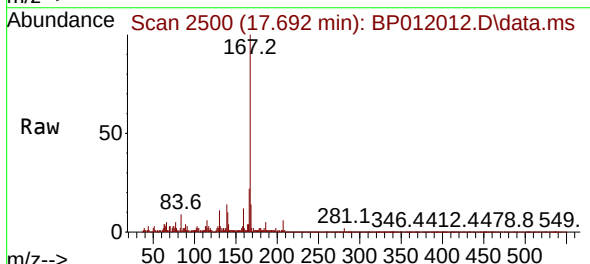
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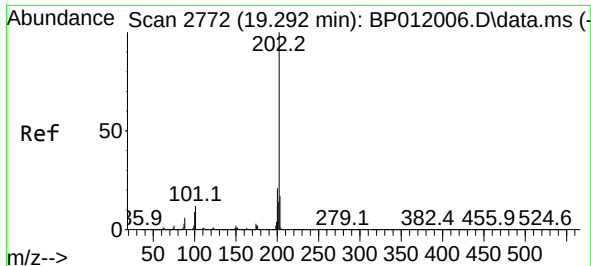
Reviewed By :Jagrut Upadhyay 10/10/2022
 Supervised By :mohammad ahmed 10/10/2022



#77
 Carbazole
 Concen: 2.289 ng/ul
 RT: 17.692 min Scan# 2500
 Delta R.T. 0.006 min
 Lab File: BP012012.D
 Acq: 07 Oct 2022 17:18

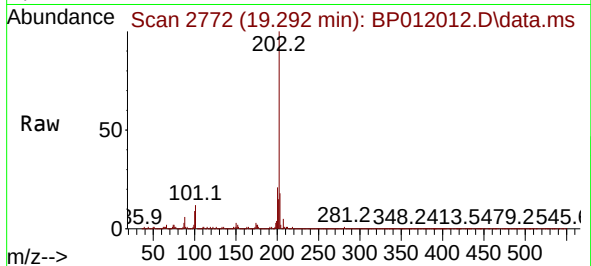
Tgt Ion:167 Resp: 126833
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.1 25.7
 139 13.7 10.1 15.1





#80
Fluoranthene
Concen: 7.451 ng/u1
RT: 19.292 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

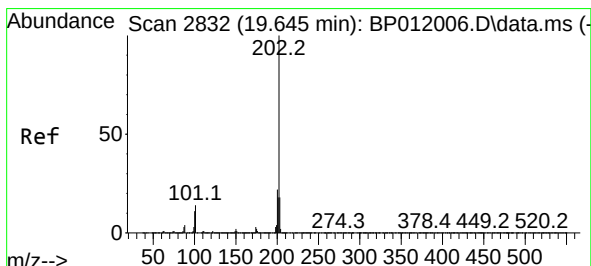
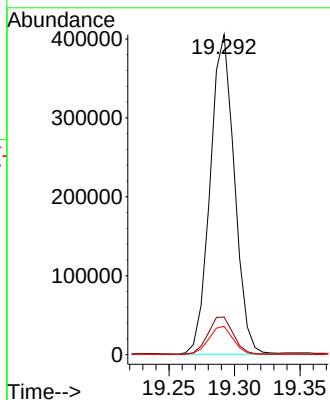
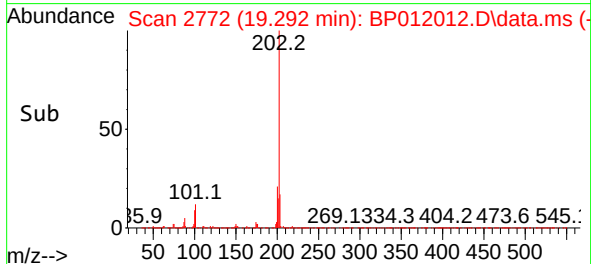
Instrument :
BNA_P
ClientSampleId :
E10011DL



Tgt Ion:202 Resp: 520618
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.6
100 8.9 7.4 11.0

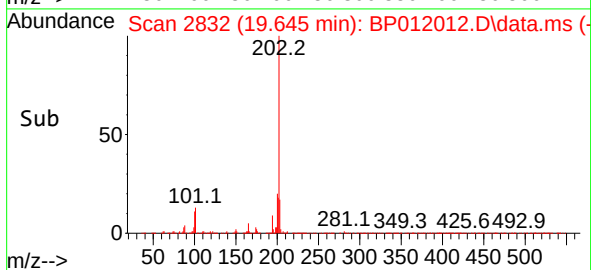
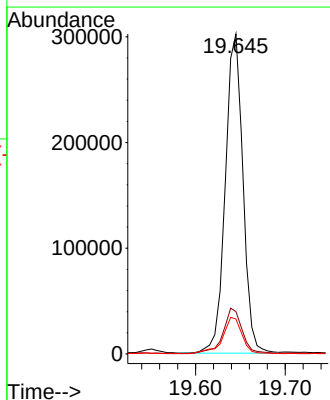
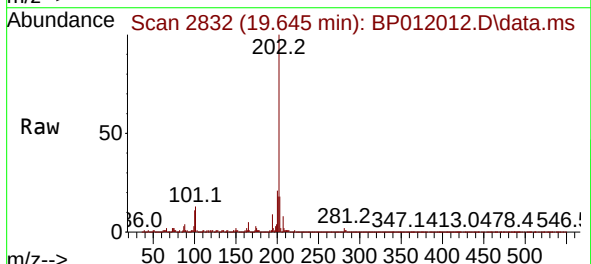
Manual Integrations
APPROVED

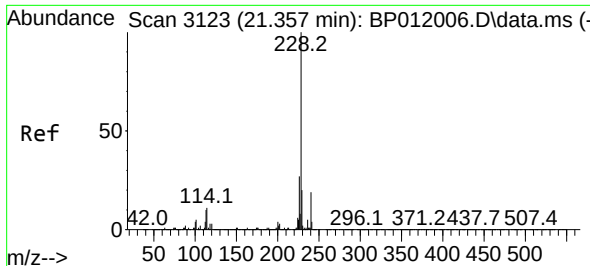
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#82
Pyrene
Concen: 5.665 ng/u1
RT: 19.645 min Scan# 2832
Delta R.T. 0.006 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

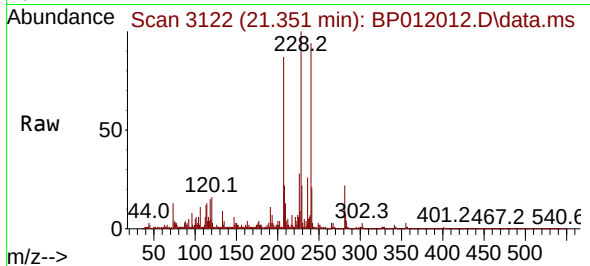
Tgt Ion:202 Resp: 412123
Ion Ratio Lower Upper
202 100
101 13.3 11.6 17.4
100 10.9 9.4 14.0





#85
Benzo(a)anthracene
Concen: 2.392 ng/ul
RT: 21.351 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

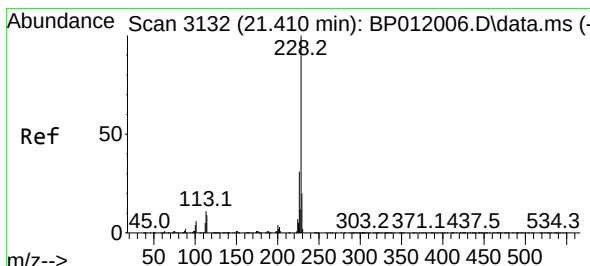
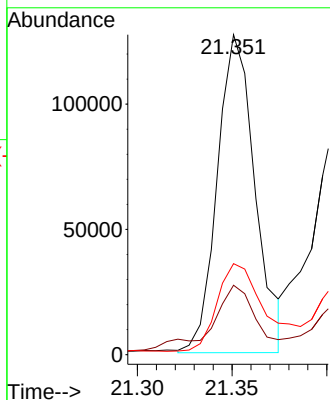
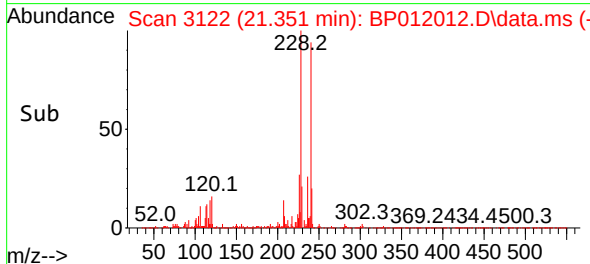
Instrument : BNA_P
ClientSampleId : E10011DL



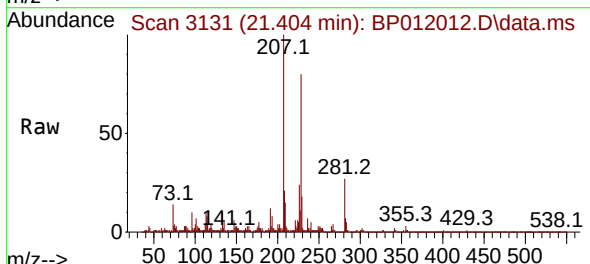
Tgt Ion:228 Resp: 176385
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.6
226 28.4 22.0 33.0

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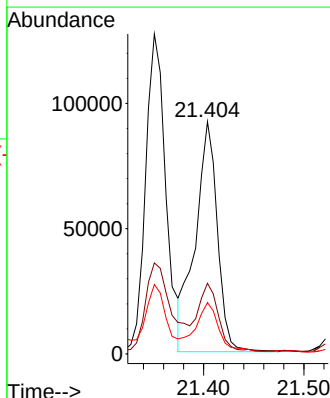
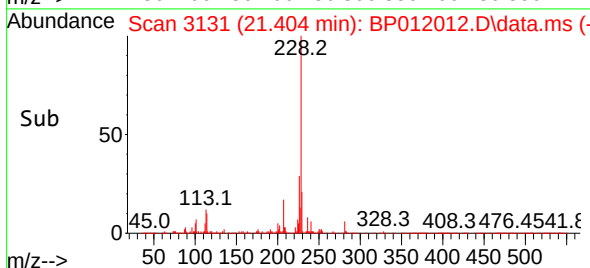
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022

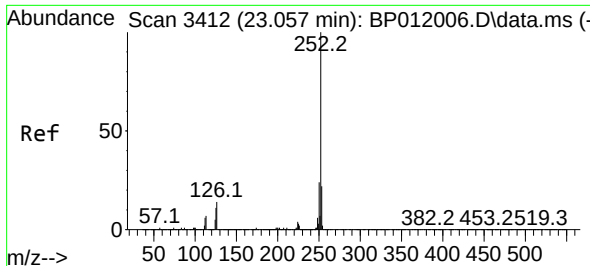


#87
Chrysene
Concen: 2.042 ng/ul
RT: 21.404 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18



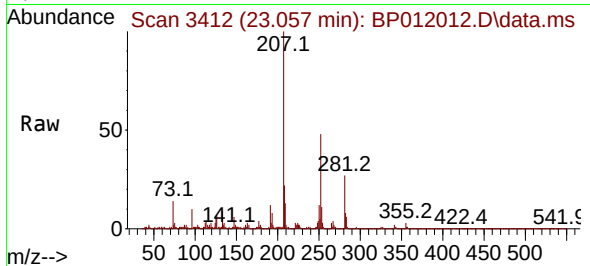
Tgt Ion:228 Resp: 141312
Ion Ratio Lower Upper
228 100
226 30.5 25.3 37.9
229 22.1 16.2 24.2





#90
Benzo(b)fluoranthene
Concen: 2.882 ng/u1
RT: 23.057 min Scan# 3412
Delta R.T. 0.006 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18

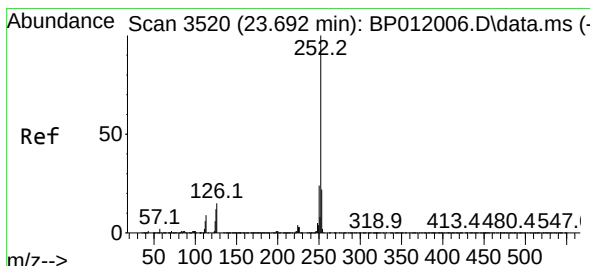
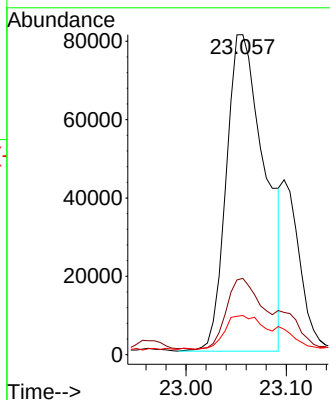
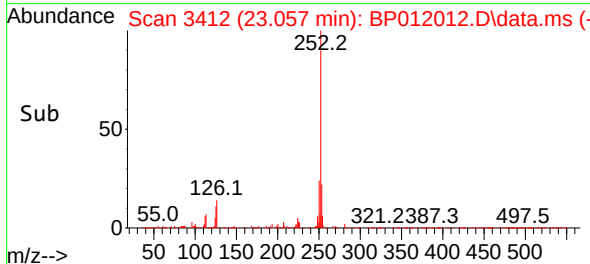
Instrument :
BNA_P
ClientSampleId :
E10011DL



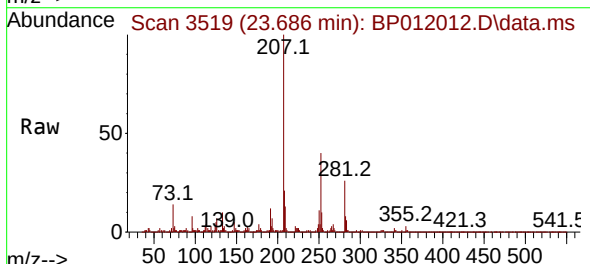
Tgt Ion:252 Resp: 21643
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 12.3 9.2 13.8

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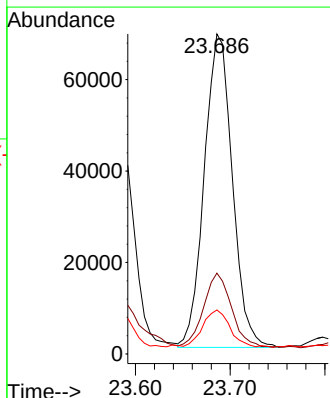
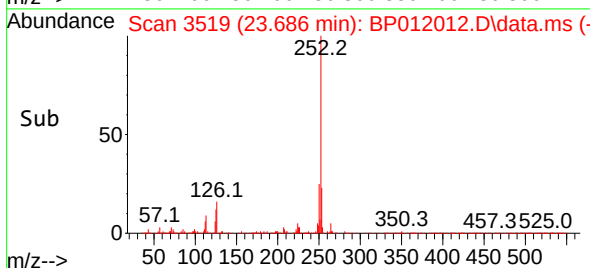
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022

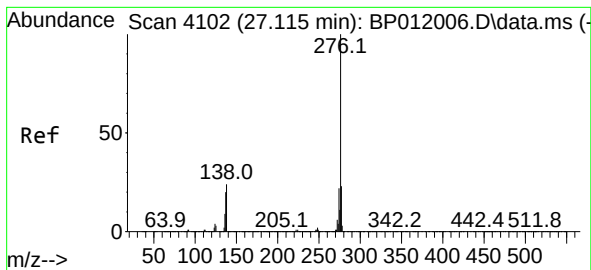


#93
Benzo(a)pyrene
Concen: 2.107 ng/u1
RT: 23.686 min Scan# 3519
Delta R.T. -0.000 min
Lab File: BP012012.D
Acq: 07 Oct 2022 17:18



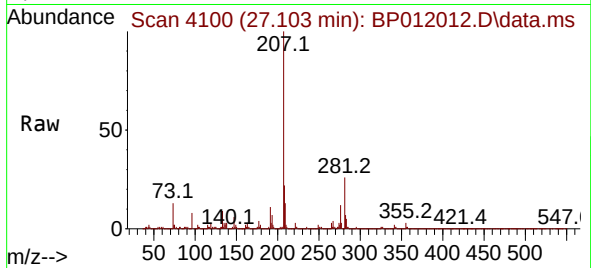
Tgt Ion:252 Resp: 141165
Ion Ratio Lower Upper
252 100
253 25.2 17.7 26.5
125 13.7 9.8 14.8





#96
 Benzo(g,h,i)perylene
 Concen: 1.033 ng/ul
 RT: 27.103 min Scan# 4100
 Delta R.T. 0.006 min
 Lab File: BP012012.D
 Acq: 07 Oct 2022 17:18

Instrument :
 BNA_P
 ClientSampleId :
 E10011DL



Tgt Ion:	276	Resp:	78138
Ion Ratio	Lower	Upper	
276	100		
138	25.4	19.8	29.6
277	24.5	18.6	27.8

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

