

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012081.D
 Acq On : 12 Oct 2022 15:09
 Operator : CG/JU
 Sample : N4923-01DL2 50X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10007DL2

Quant Time: Oct 12 23:44:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
 Supervised By :mohammad ahmed 10/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	255210	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	967804	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	505742	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	944497	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	1063143	20.000	ng/u1	0.00
88) Perylene-d12	23.774	264	1207717	20.000	ng/u1	0.01
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	7.028	99	3142	0.153	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.187	67	13117	1.126	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	9160	0.562	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.022	128	5636	0.825	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	4824	0.696	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	8993	0.670	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	23319m	1.178	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	24377	0.761	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	28921	0.730	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	7559m	1.202	ng/u1	-0.02
60) Fluorene-d10	15.498	176	23380	0.807	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	1270	0.255	ng/u1	0.00
73) Anthracene-d10	17.357	188	33649	0.820	ng/u1	0.00
81) Pyrene-d10	19.598	212	40540	0.744	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.610	264	47184	0.804	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.052	94	2002942	92.952	ng/u1	98
13) 2-Methylphenol	8.304	108	1347861	83.866	ng/u1	99
18) 4-Methylphenol	8.646	108	3258229	188.091	ng/u1	97
26) 2,4-Dimethylphenol	9.840	107	1508114m	95.100	ng/u1	
30) Naphthalene	10.716	128	4987068	97.513	ng/u1	99
36) 2-Methylnaphthalene	12.322	142	437126	13.274	ng/u1	100
37) 1-Methylnaphthalene	12.540	142	295441	8.958	ng/u1	100
43) 1,1'-Biphenyl	13.334	154	54452	1.426	ng/u1	97
50) Acenaphthylene	14.222	152	190997	4.262	ng/u1	99
52) Acenaphthene	14.569	153	47585	1.492	ng/u1	98
56) Dibenzofuran	14.904	168	143485	3.328	ng/u1	100
61) Fluorene	15.551	166	98716	2.917	ng/u1	96
72) Phenanthrene	17.304	178	353129	6.875	ng/u1	99
74) Anthracene	17.392	178	107217	2.109	ng/u1	99
77) Carbazole	17.669	167	134819	2.974	ng/u1	99
80) Fluoranthene	19.274	202	174445	2.614	ng/u1	99
82) Pyrene	19.627	202	142903	2.023	ng/u1	97
85) Benzo(a)anthracene	21.333	228	74592	1.115	ng/u1	95

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

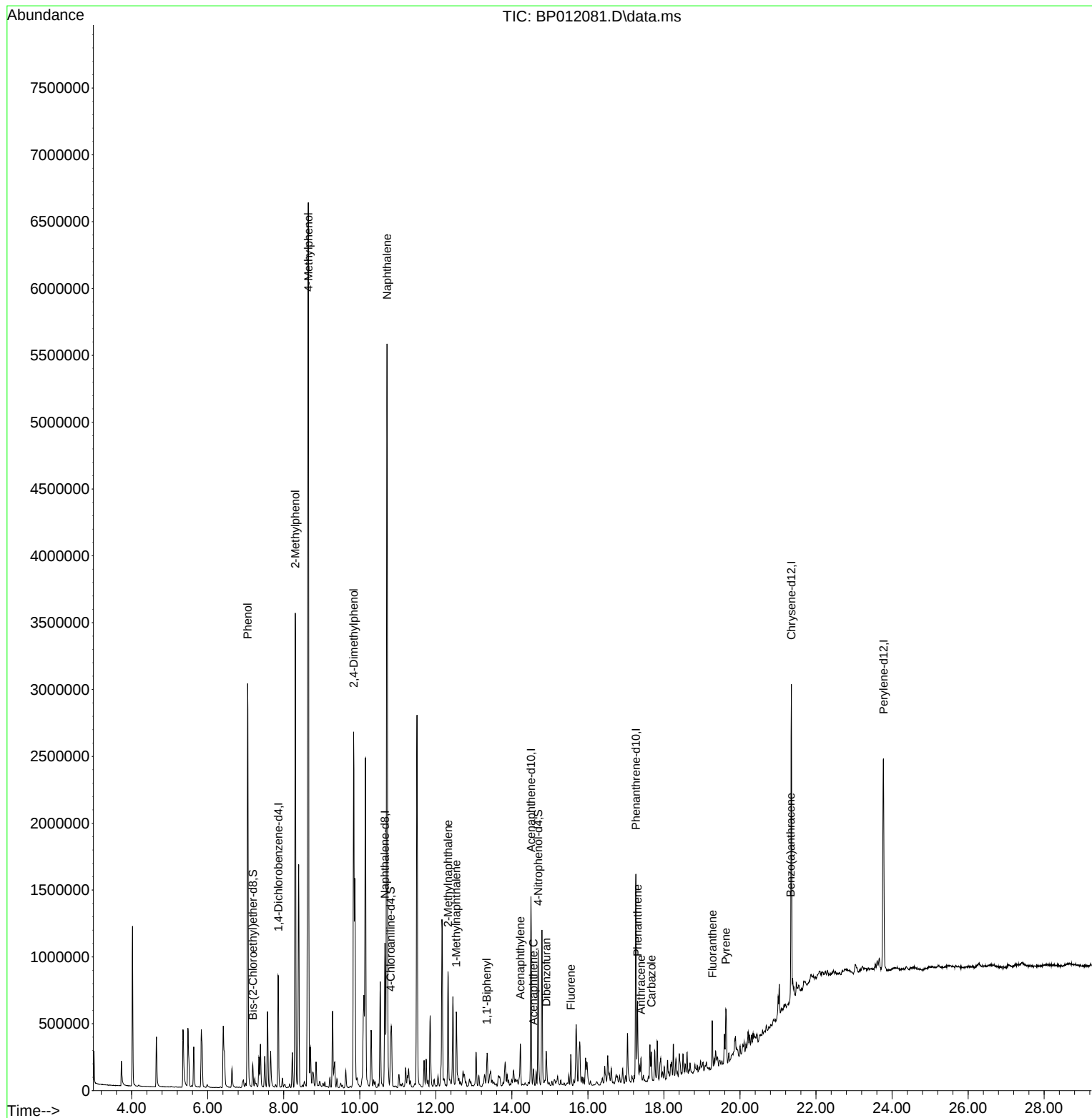
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012081.D
Acq On : 12 Oct 2022 15:09
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ALS Vial : 50 Sample Multiplier: 1

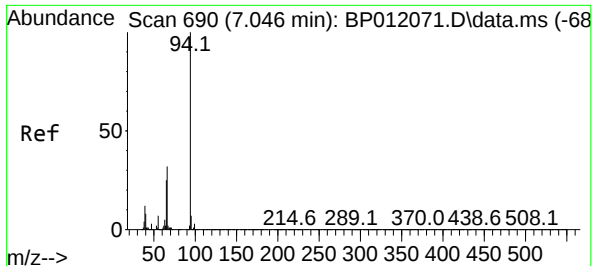
Instrument :
BNA_P
ClientSampleId :
E10007DL2

Quant Time: Oct 12 23:44:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration

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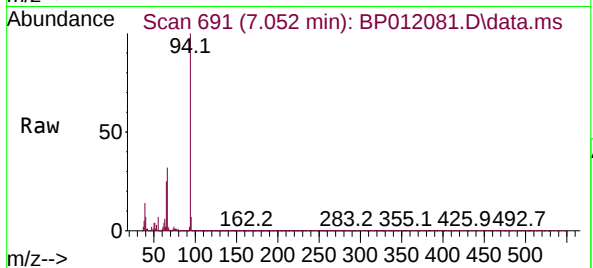
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022





#8
Phenol
Concen: 92.952 ng/ul
RT: 7.052 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

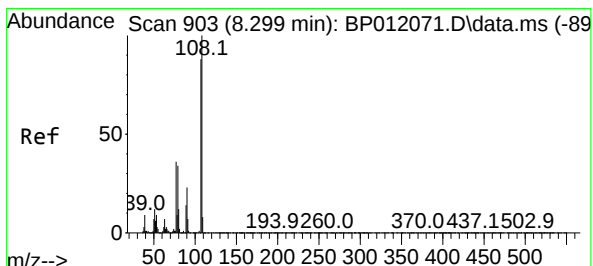
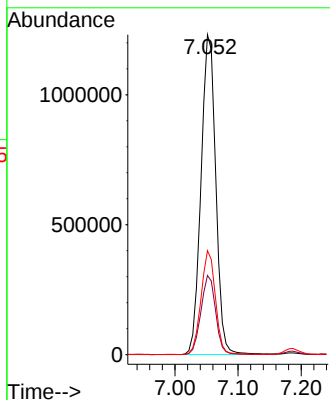
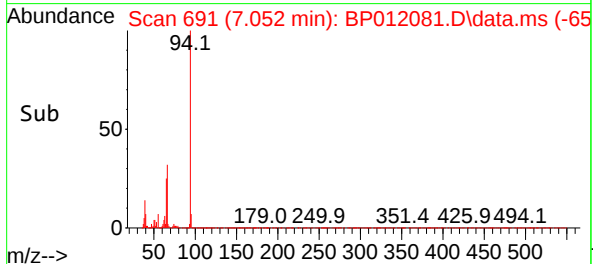
Instrument :
BNA_P
ClientSampleId :
E10007DL2



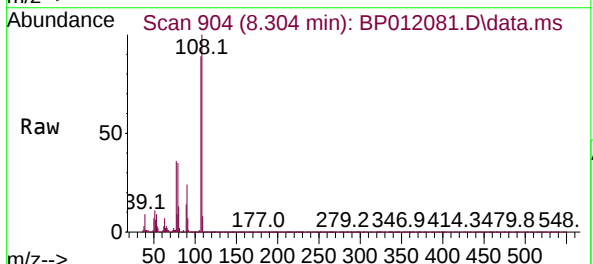
Tgt Ion: 94 Resp: 2002942
Ion Ratio Lower Upper
94 100
65 24.8 19.4 29.0
66 32.5 24.6 37.0

Manual Integrations
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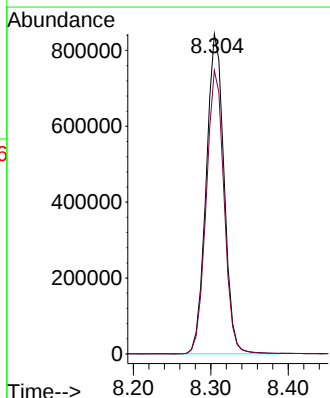
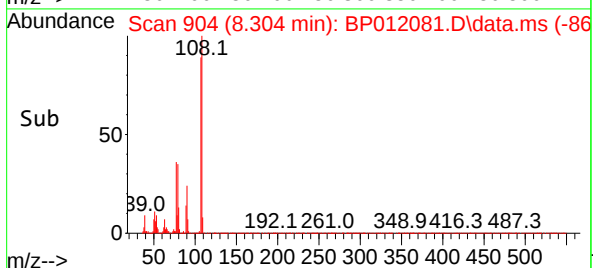
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

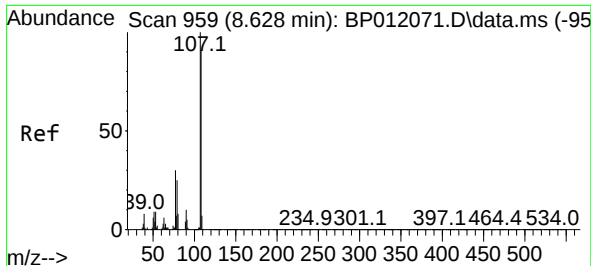


#13
2-Methylphenol
Concen: 83.866 ng/ul
RT: 8.304 min Scan# 904
Delta R.T. 0.006 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09



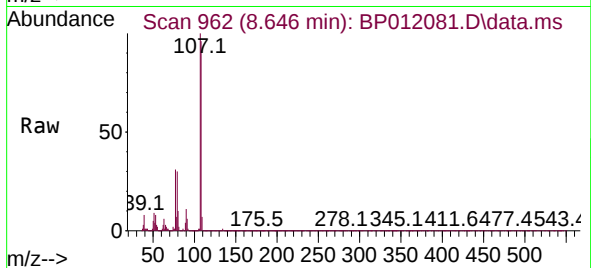
Tgt Ion:108 Resp: 1347861
Ion Ratio Lower Upper
108 100
107 88.6 71.9 107.9





#18
4-Methylphenol
Concen: 188.091 ng/ul
RT: 8.646 min Scan# 90
Delta R.T. 0.018 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

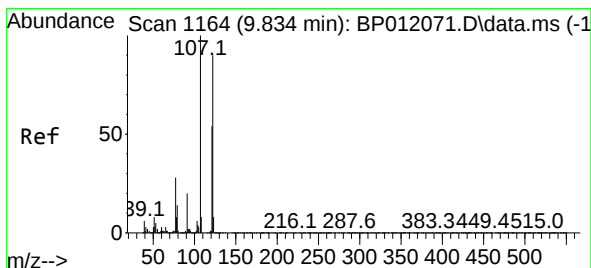
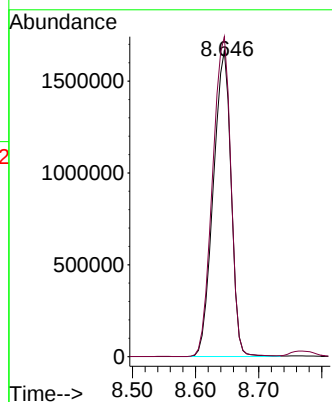
Instrument :
BNA_P
ClientSampleId :
E10007DL2



Tgt Ion:108 Resp: 3258229
Ion Ratio Lower Upper
108 100
107 104.6 86.3 129.5

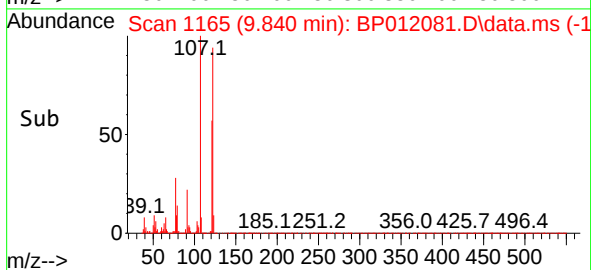
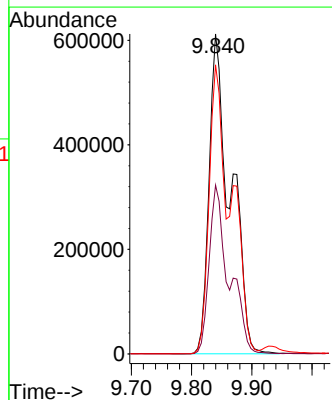
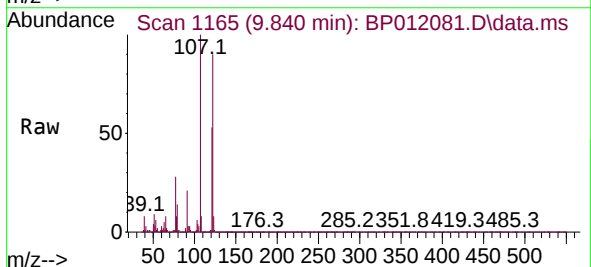
Manual Integrations
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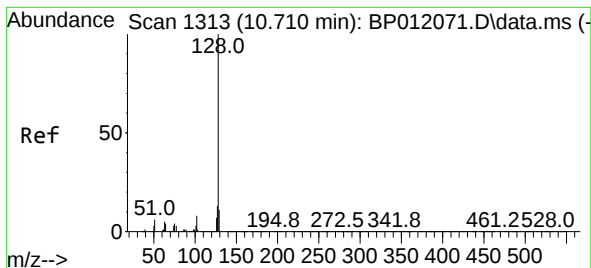
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#26
2,4-Dimethylphenol
Concen: 95.100 ng/ul m
RT: 9.840 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

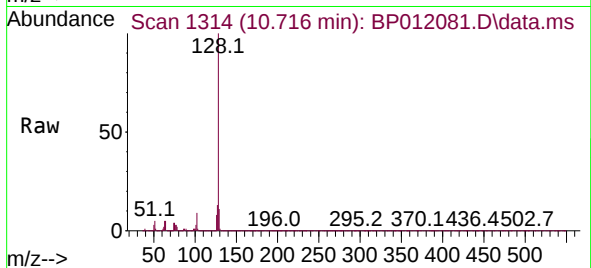
Tgt Ion:107 Resp: 1508114
Ion Ratio Lower Upper
107 100
121 52.7 43.0 64.4
122 90.3 71.4 107.2





#30
Naphthalene
Concen: 97.513 ng/ul
RT: 10.716 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

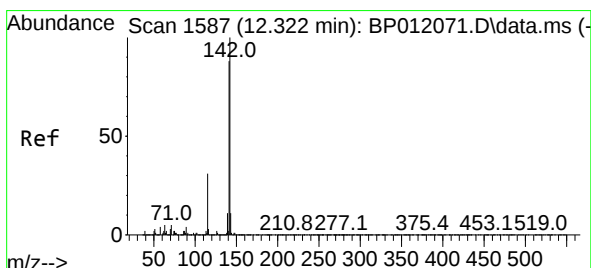
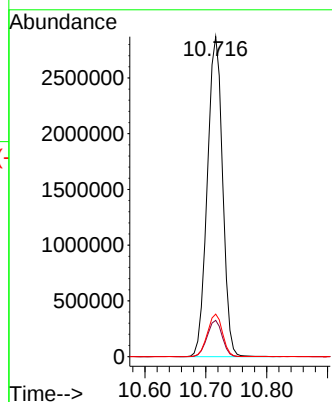
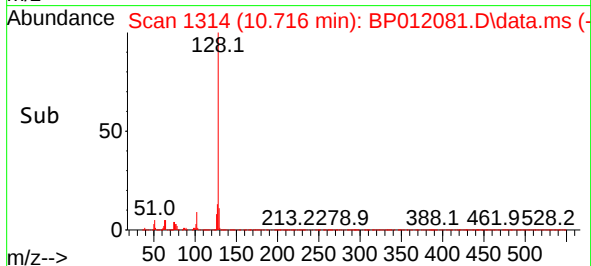
Instrument :
BNA_P
ClientSampleId :
E10007DL2



Tgt Ion:128 Resp: 4987068
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.2 15.4

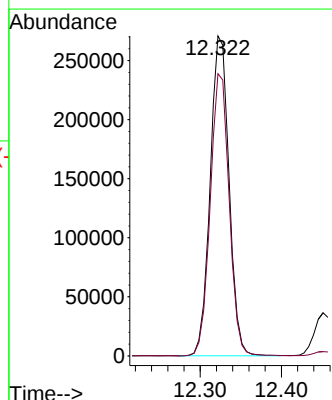
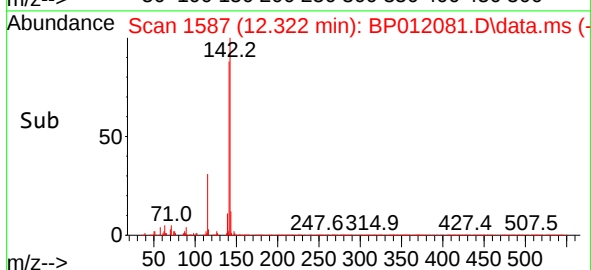
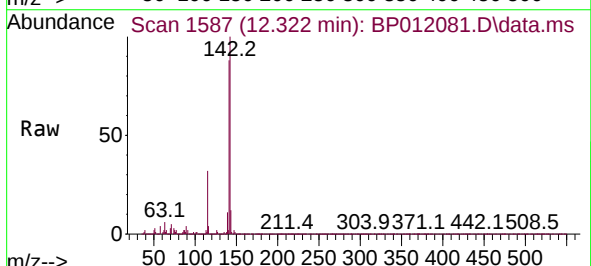
Manual Integrations
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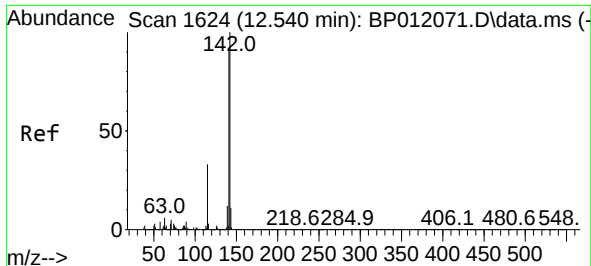
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#36
2-Methylnaphthalene
Concen: 13.274 ng/ul
RT: 12.322 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

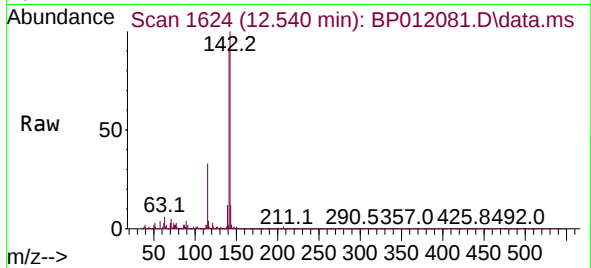
Tgt Ion:142 Resp: 437126
Ion Ratio Lower Upper
142 100
141 88.2 70.7 106.1





#37
1-Methylnaphthalene
Concen: 8.958 ng/ul
RT: 12.540 min Scan# 1624
Delta R.T. -0.000 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

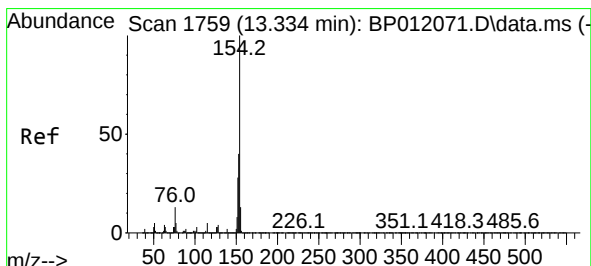
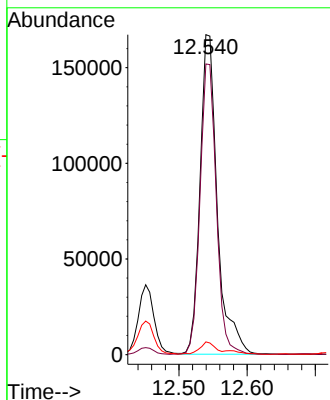
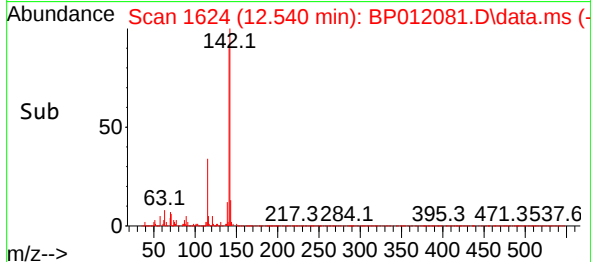
Instrument :
BNA_P
ClientSampleId :
E10007DL2



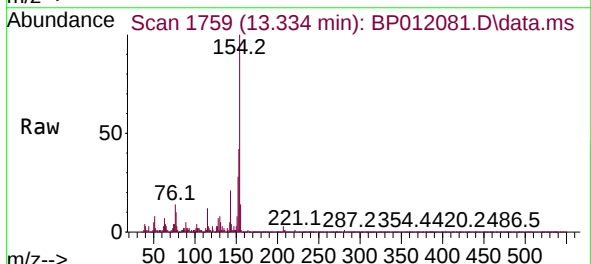
Tgt Ion:142 Resp: 29544
Ion Ratio Lower Upper
142 100
141 90.8 72.9 109.3
116 4.0 2.8 4.2

Manual Integrations
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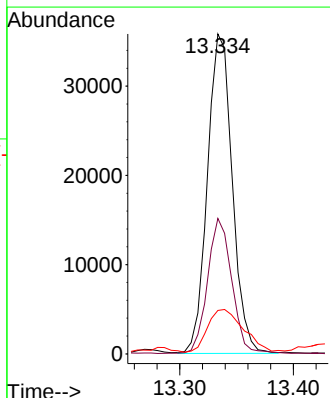
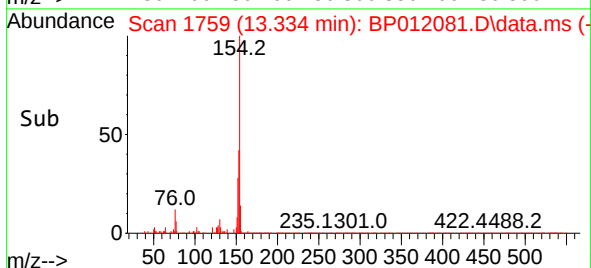
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

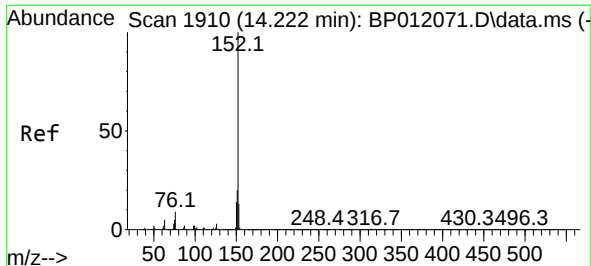


#43
1,1'-Biphenyl
Concen: 1.426 ng/ul
RT: 13.334 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09



Tgt Ion:154 Resp: 54452
Ion Ratio Lower Upper
154 100
153 42.3 32.2 48.2
76 13.6 10.3 15.5





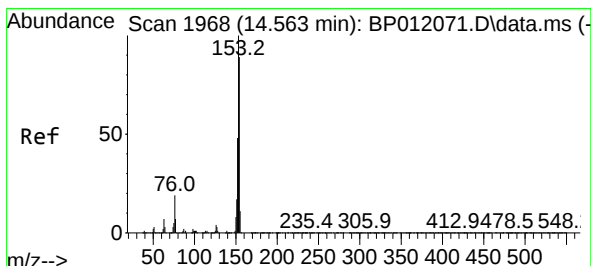
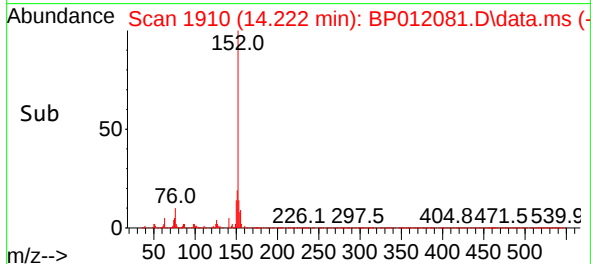
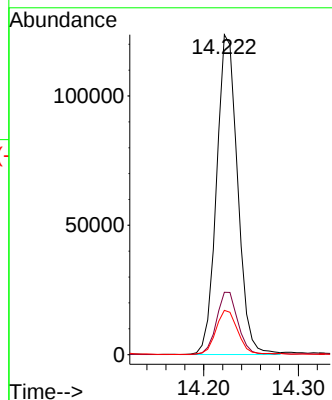
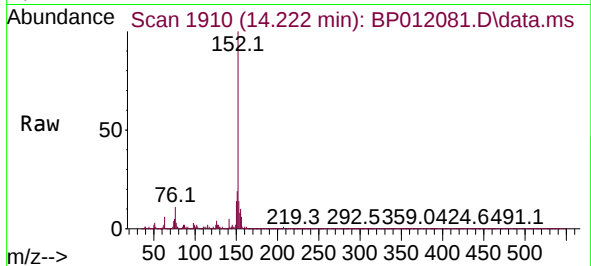
#50
Acenaphthylene
Concen: 4.262 ng/ul
RT: 14.222 min Scan# 1910
Delta R.T. -0.000 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

Instrument : BNA_P
ClientSampleId : E10007DL2

Tgt Ion:152 Resp: 190997
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.8 10.4 15.6

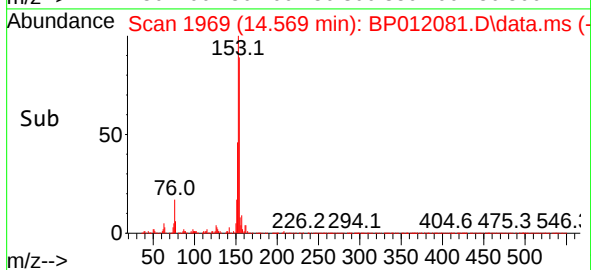
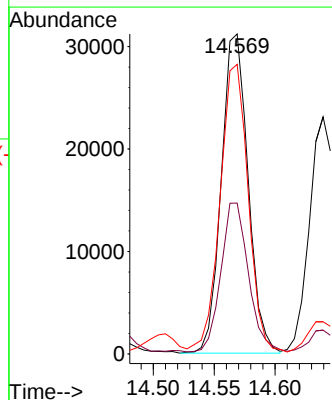
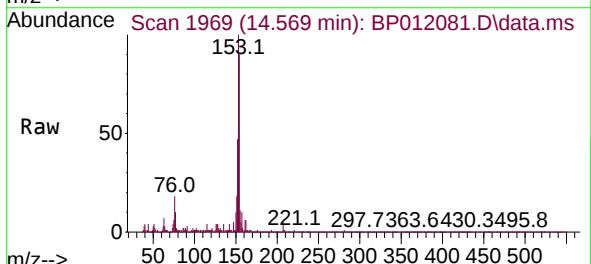
Manual Integrations
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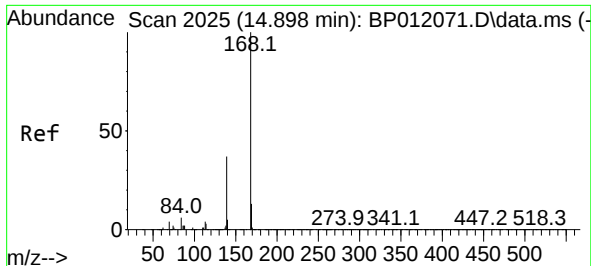
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#52
Acenaphthene
Concen: 1.492 ng/ul
RT: 14.569 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

Tgt Ion:153 Resp: 47585
Ion Ratio Lower Upper
153 100
152 47.1 38.2 57.2
154 90.5 70.6 105.8





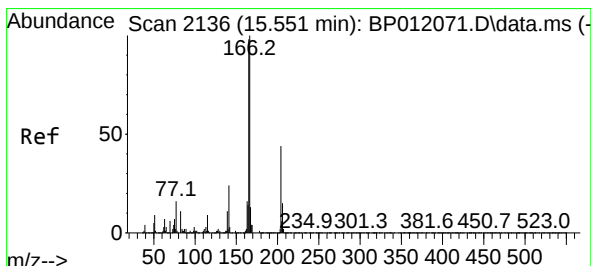
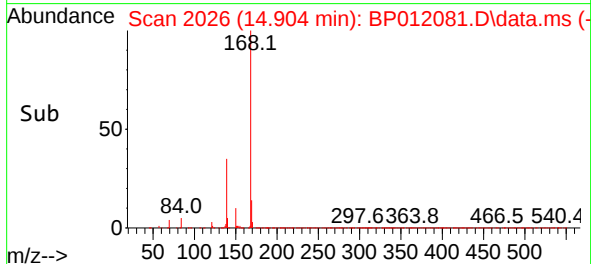
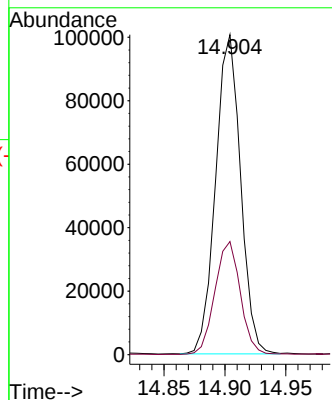
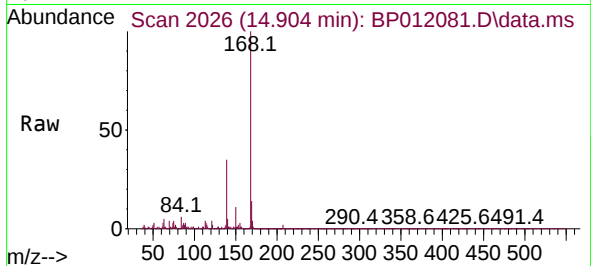
#56
Dibenzenofuran
Concen: 3.328 ng/ul
RT: 14.904 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

Instrument :
BNA_P
ClientSampleId :
E10007DL2

Tgt Ion:168 Resp: 143485
Ion Ratio Lower Upper
168 100
139 35.3 28.2 42.4

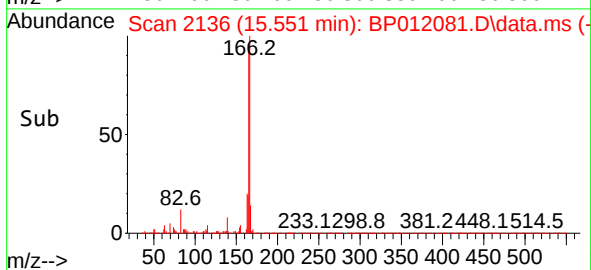
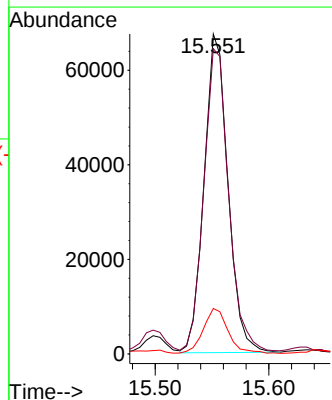
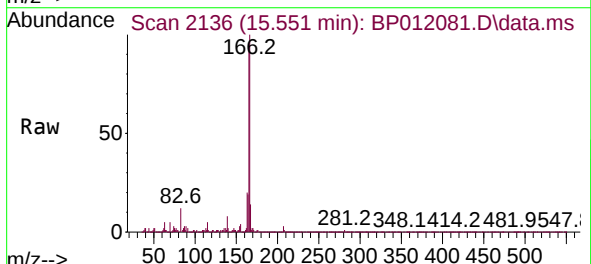
Manual Integrations
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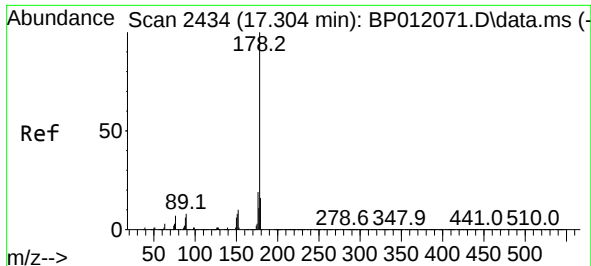
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#61
Fluorene
Concen: 2.917 ng/ul
RT: 15.551 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

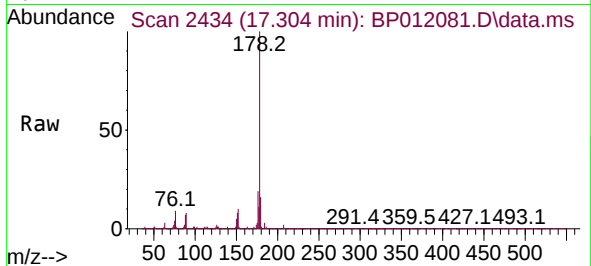
Tgt Ion:166 Resp: 98716
Ion Ratio Lower Upper
166 100
165 95.4 79.5 119.3
167 14.2 10.9 16.3





#72
Phenanthrene
Concen: 6.875 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09

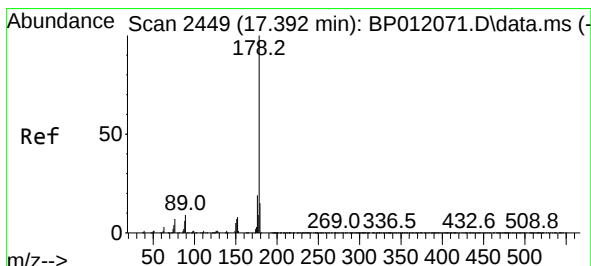
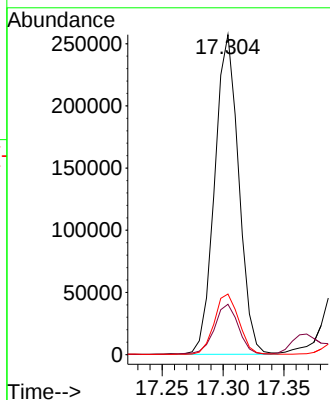
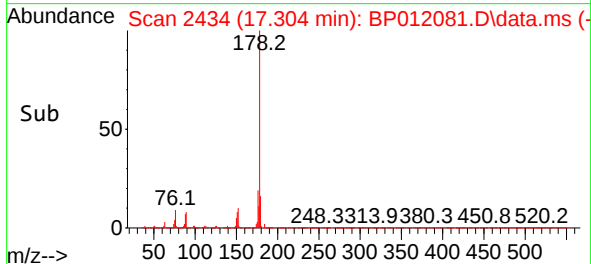
Instrument :
BNA_P
ClientSampleId :
E10007DL2



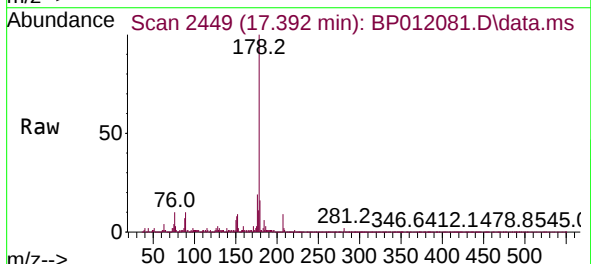
Tgt Ion:178 Resp: 353129
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 18.9 15.8 23.6

Manual Integrations
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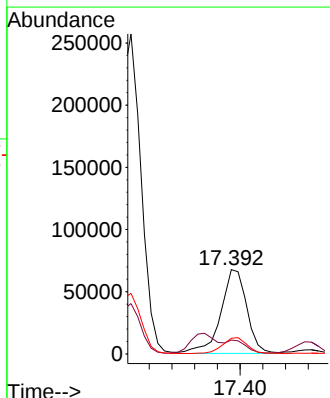
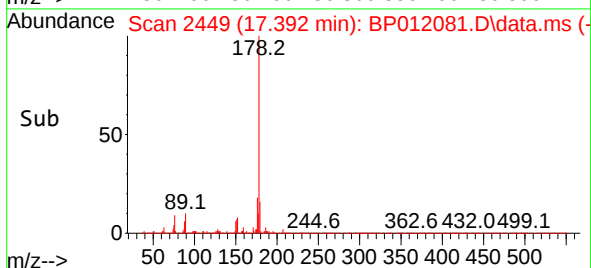
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

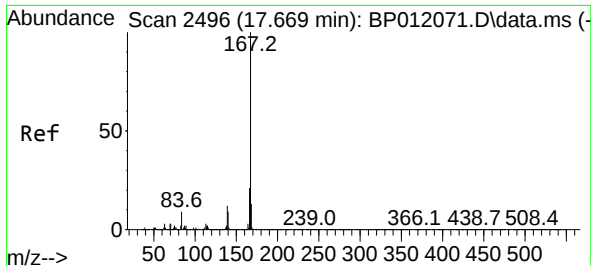


#74
Anthracene
Concen: 2.109 ng/ul
RT: 17.392 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BP012081.D
Acq: 12 Oct 2022 15:09



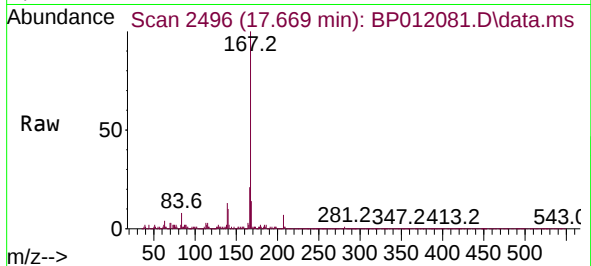
Tgt Ion:178 Resp: 107217
Ion Ratio Lower Upper
178 100
179 16.5 12.2 18.4
176 18.5 14.8 22.2





#77
 Carbazole
 Concen: 2.974 ng/ul
 RT: 17.669 min Scan# 2496
 Delta R.T. -0.000 min
 Lab File: BP012081.D
 Acq: 12 Oct 2022 15:09

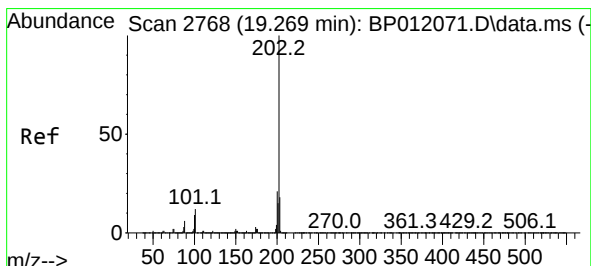
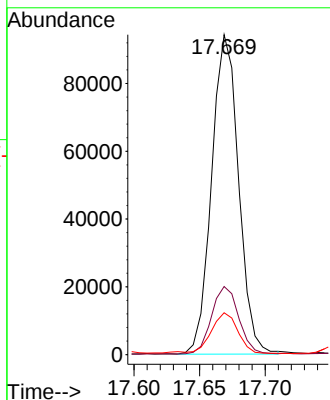
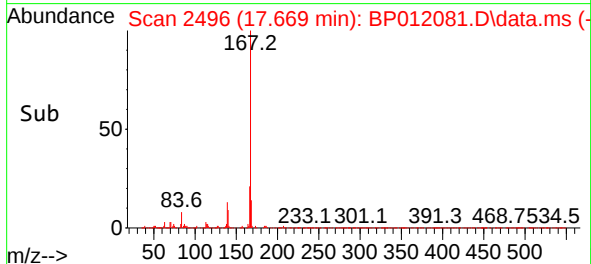
Instrument :
 BNA_P
 ClientSampleId :
 E10007DL2



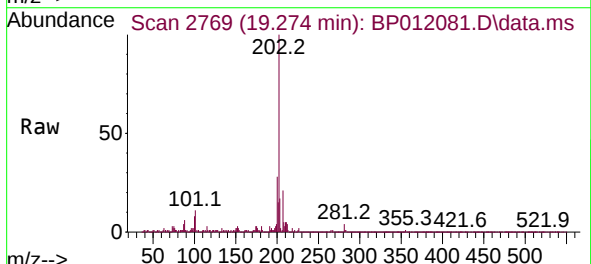
Tgt Ion:167 Resp: 134819
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 13.1 10.1 15.1

Manual Integrations
 APPROVED

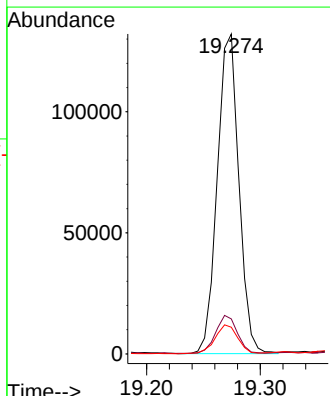
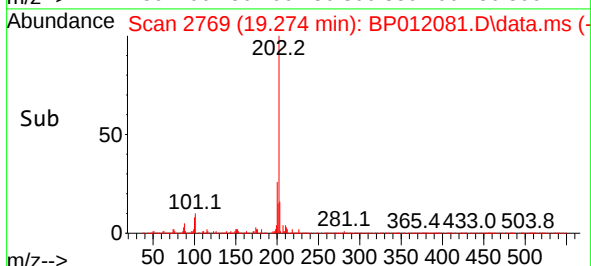
Reviewed By :Jagrut Upadhyay 10/13/2022
 Supervised By :mohammad ahmed 10/14/2022

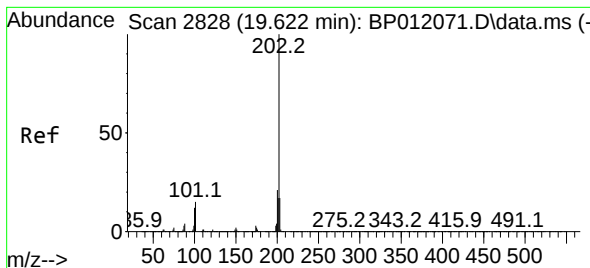


#80
 Fluoranthene
 Concen: 2.614 ng/ul
 RT: 19.274 min Scan# 2769
 Delta R.T. 0.006 min
 Lab File: BP012081.D
 Acq: 12 Oct 2022 15:09



Tgt Ion:202 Resp: 174445
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.0 13.6
 100 8.3 7.0 10.6





#82

Pyrene

Concen: 2.023 ng/ul

RT: 19.627 min Scan# 2828

Delta R.T. 0.006 min

Lab File: BP012081.D

Acq: 12 Oct 2022 15:09

Instrument :

BNA_P

ClientSampleId :

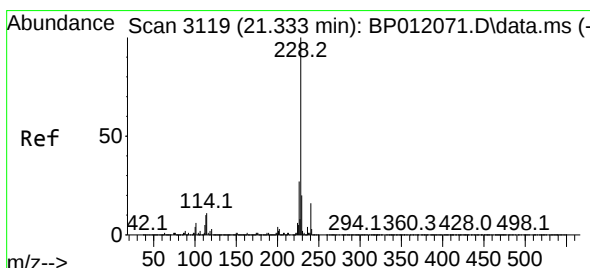
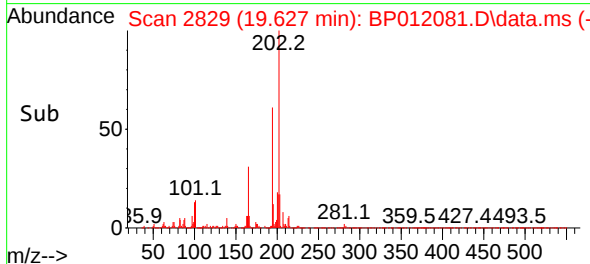
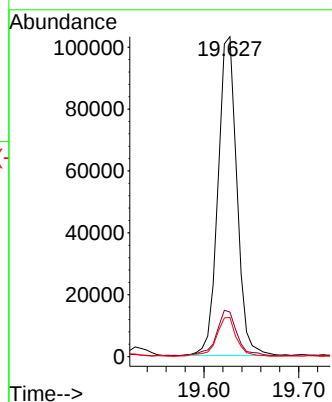
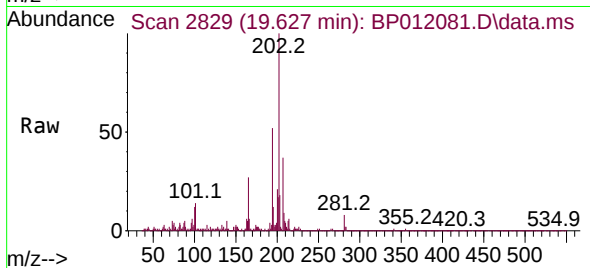
E10007DL2

Tgt Ion:	202	Resp:	142903
Ion Ratio	Lower	Upper	
202	100		
101	13.9	10.4	15.6
100	12.2	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#85

Benzo(a)anthracene

Concen: 1.115 ng/ul

RT: 21.333 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BP012081.D

Acq: 12 Oct 2022 15:09

Tgt Ion:	228	Resp:	74592
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.7	23.5
226	31.1	21.9	32.9

