

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP012016.D
 Acq On : 07 Oct 2022 19:39
 Operator : CG/JU
 Sample : N4923-08DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10005DL

Quant Time: Oct 07 23:10:28 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	235562	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	952767	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	567524	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1190107	20.000	ng/u1	0.00
79) Chrysene-d12	21.369	240	1191359	20.000	ng/u1	0.00
88) Perylene-d12	23.798	264	1224980	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	3.758	84	14468m	0.925	ng/u1	0.04
7) Phenol-d5	7.046	99	20928	1.029	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	54261	4.814	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	58523	3.646	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	38426	2.286	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	37505	5.168	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	35267	4.542	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	67285	4.685	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	127617m	5.829	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	244345	6.021	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	278933	6.029	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.516	176	223372	6.338	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	23695	3.289	ng/u1	0.00
73) Anthracene-d10	17.381	188	357829	6.601	ng/u1	0.00
81) Pyrene-d10	19.616	212	399547	6.622	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	383230	6.250	ng/u1	0.00
Target Compounds						
					Qvalue	
13) 2-Methylphenol	8.328	108	37144	2.235	ng/u1	95
26) 2,4-Dimethylphenol	9.858	107	236961m	14.225	ng/u1	
30) Naphthalene	10.734	128	812543	15.878	ng/u1	99
37) 1-Methylnaphthalene	12.563	142	712275	19.863	ng/u1	97
43) 1,1'-Biphenyl	13.351	154	306536	7.302	ng/u1	99
50) Acenaphthylene	14.246	152	102520	1.995	ng/u1#	91
52) Acenaphthene	14.587	153	810292	22.351	ng/u1	100
56) Dibenzofuran	14.922	168	808452	16.282	ng/u1	99
61) Fluorene	15.575	166	487498	11.987	ng/u1	97
72) Phenanthrene	17.322	178	959029	14.663	ng/u1	99
74) Anthracene	17.416	178	167423	2.544	ng/u1	99
77) Carbazole	17.687	167	494393	8.315	ng/u1	98
80) Fluoranthene	19.292	202	233787	3.166	ng/u1	99
82) Pyrene	19.639	202	183613	2.388	ng/u1	99

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

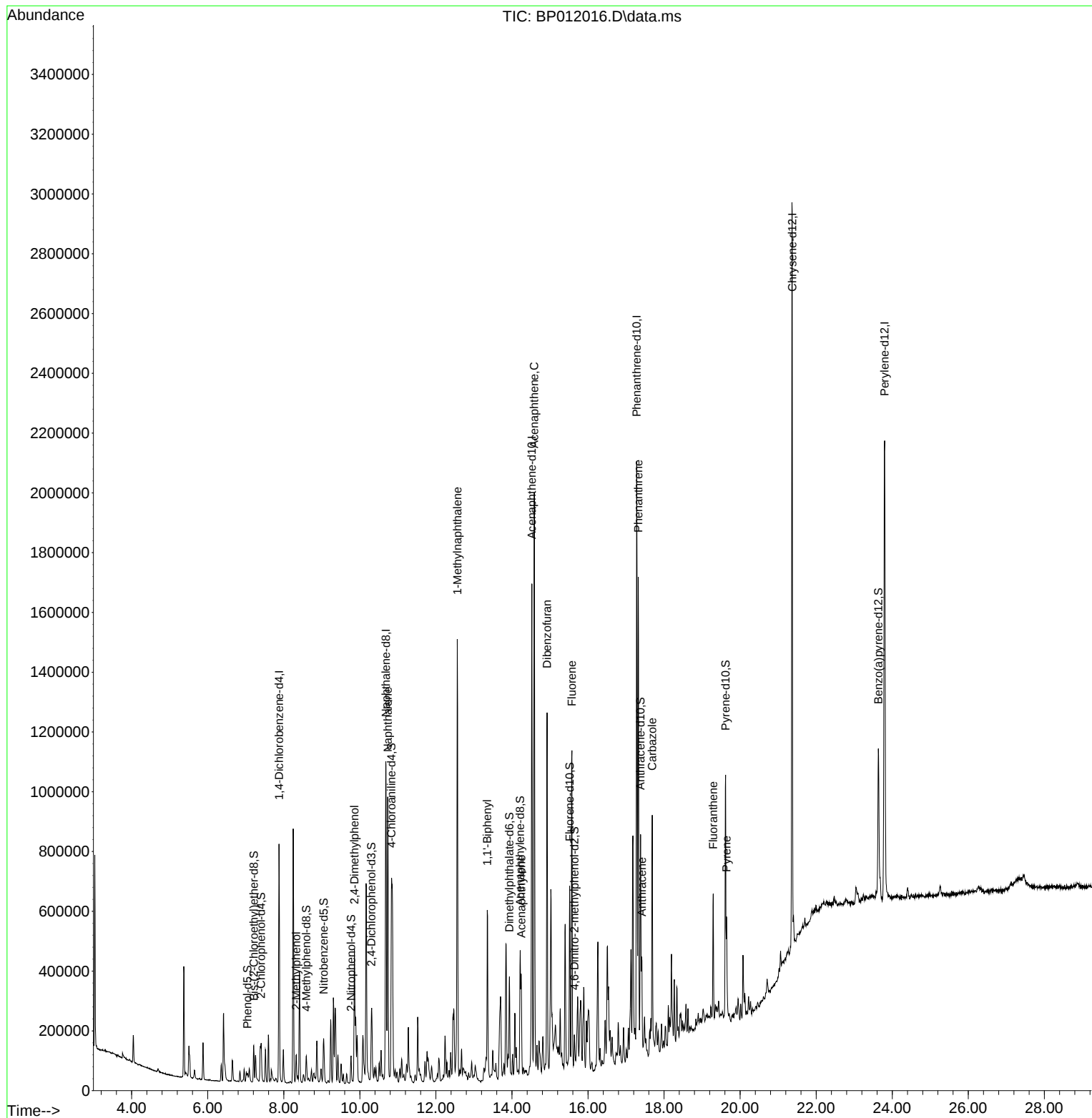
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 Data File : BP012016.D
 Acq On : 07 Oct 2022 19:39
 Operator : CG/JU
 Sample : N4923-08DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

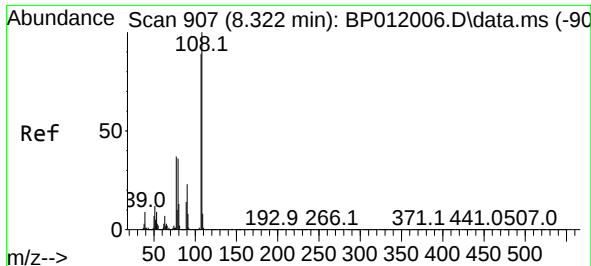
Instrument :
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 ClientSampleId :
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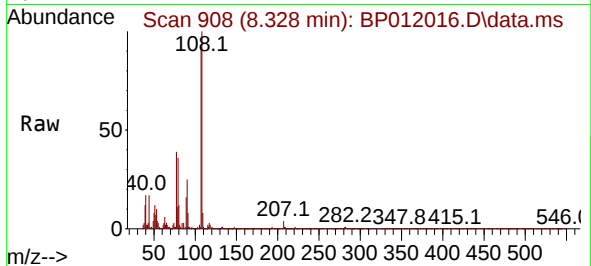
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 07 03:22:44 2022
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#13
2-Methylphenol
Concen: 2.235 ng/ul
RT: 8.328 min Scan# 907
Delta R.T. 0.006 min
Lab File: BP012016.D
Acq: 07 Oct 2022 19:39

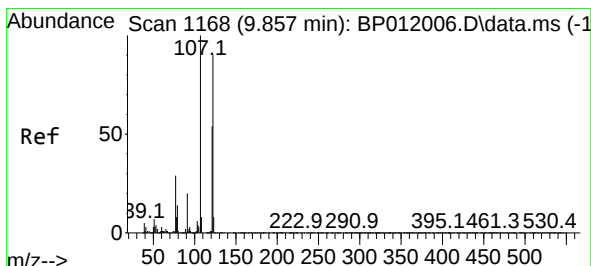
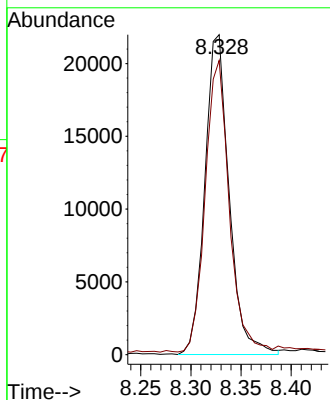
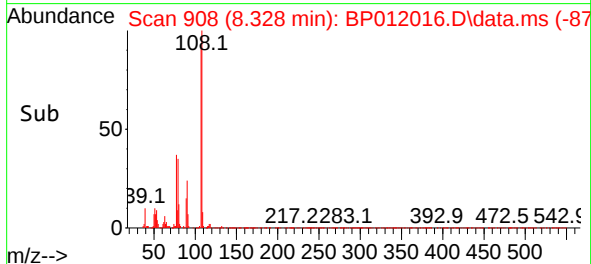
Instrument :
BNA_P
ClientSampleId :
E10005DL



Tgt Ion:108 Resp: 37144
Ion Ratio Lower Upper
108 100
107 92.0 70.2 105.2

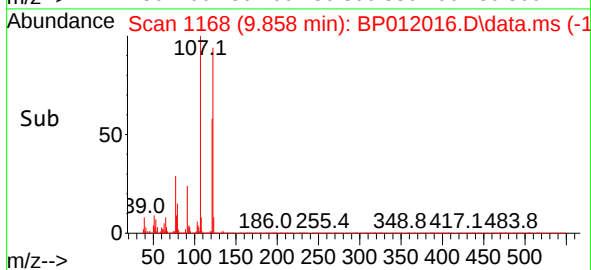
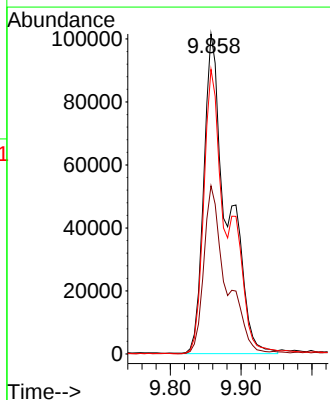
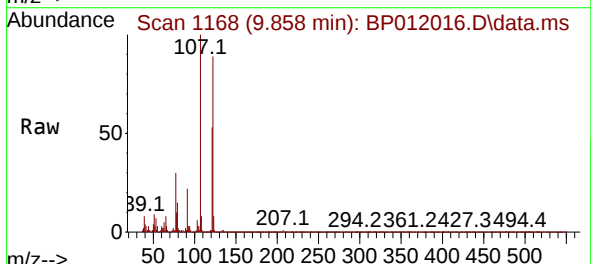
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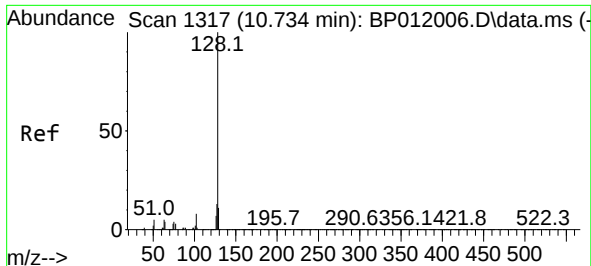
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#26
2,4-Dimethylphenol
Concen: 14.225 ng/ul m
RT: 9.858 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BP012016.D
Acq: 07 Oct 2022 19:39

Tgt Ion:107 Resp: 236961
Ion Ratio Lower Upper
107 100
121 52.6 43.0 64.6
122 89.0 74.9 112.3





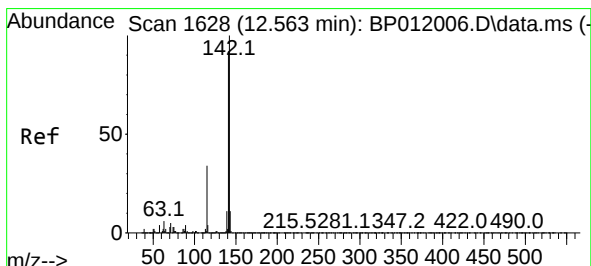
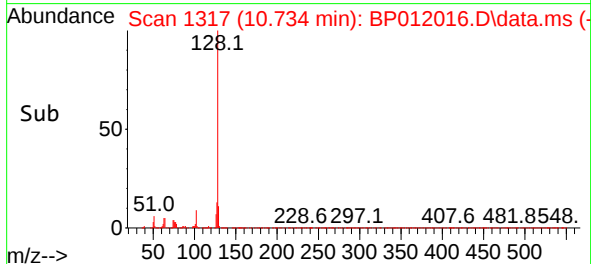
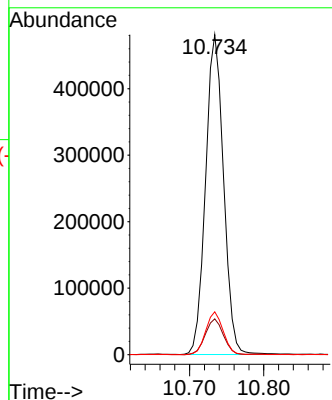
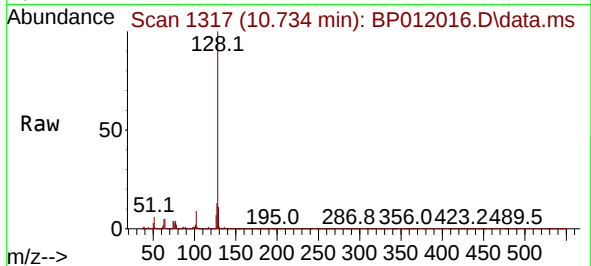
#30
Naphthalene
Concen: 15.878 ng/ul
RT: 10.734 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP012016.D
Acq: 07 Oct 2022 19:39

Instrument :
BNA_P
ClientSampleId :
E10005DL

Tgt Ion:128 Resp: 81254
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.5 15.7

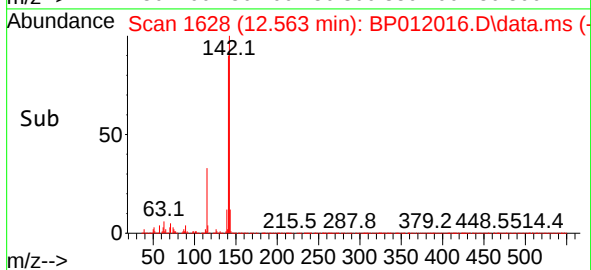
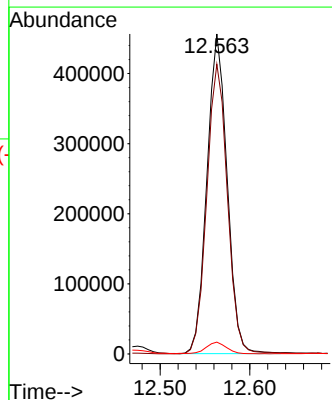
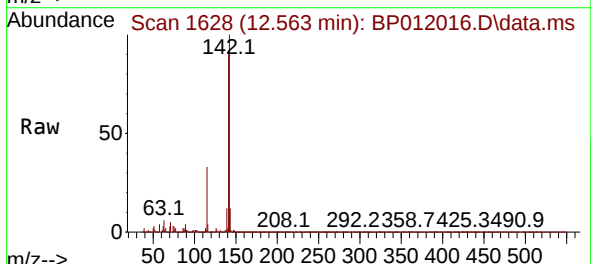
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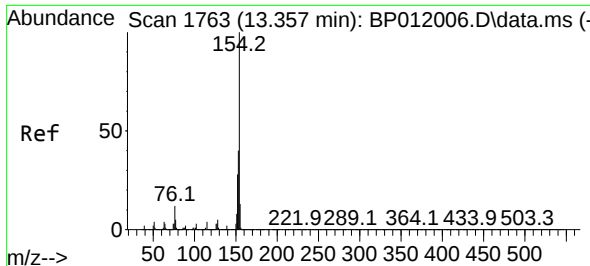
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#37
1-Methylnaphthalene
Concen: 19.863 ng/ul
RT: 12.563 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BP012016.D
Acq: 07 Oct 2022 19:39

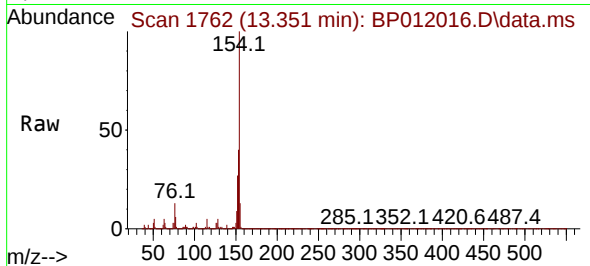
Tgt Ion:142 Resp: 712275
Ion Ratio Lower Upper
142 100
141 90.5 74.8 112.2
116 3.7 2.9 4.3





#43
1,1'-Biphenyl
Concen: 7.302 ng/ul
RT: 13.351 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BP012016.D
Acq: 07 Oct 2022 19:39

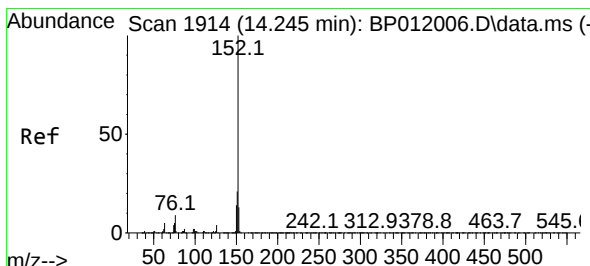
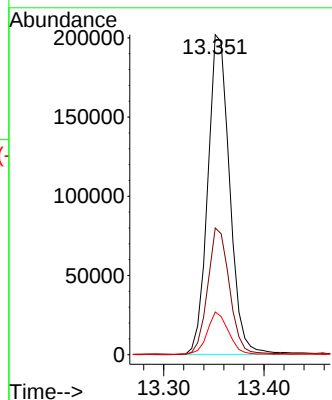
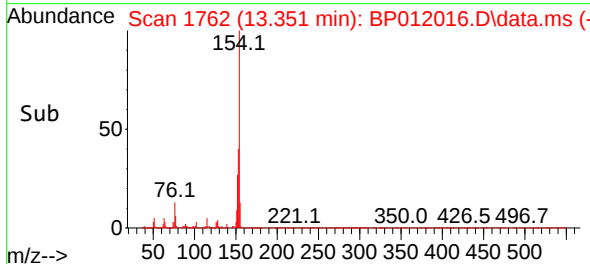
Instrument :
BNA_P
ClientSampleId :
E10005DL



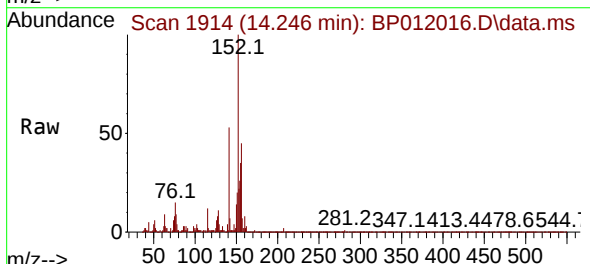
Tgt Ion:154 Resp: 306530
Ion Ratio Lower Upper
154 100
153 39.6 31.8 47.6
76 13.3 9.5 14.3

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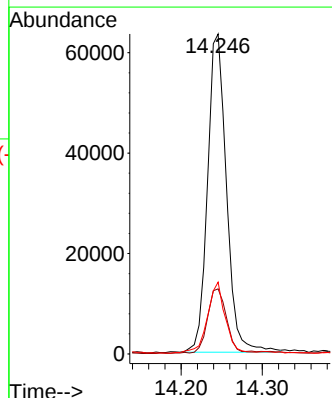
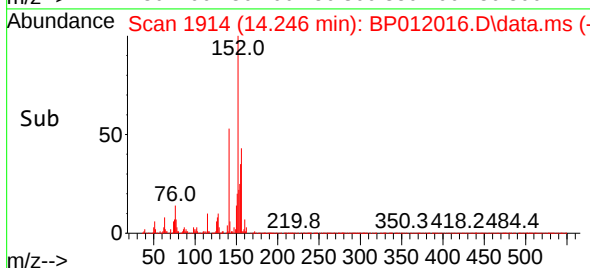
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022

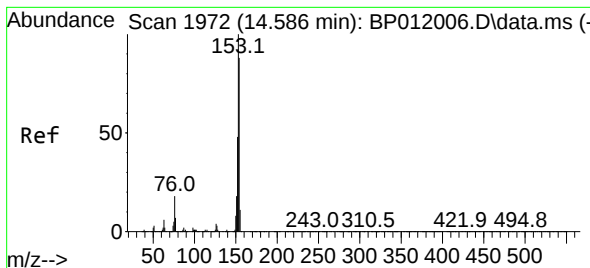


#50
Acenaphthylene
Concen: 1.995 ng/ul
RT: 14.246 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP012016.D
Acq: 07 Oct 2022 19:39



Tgt Ion:152 Resp: 102520
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 22.4 10.8 16.2





#52

Acenaphthene

Concen: 22.351 ng/ul

RT: 14.587 min Scan# 1972

Delta R.T. 0.000 min

Lab File: BP012016.D

Acq: 07 Oct 2022 19:39

Instrument :

BNA_P

ClientSampleId :

E10005DL

Tgt Ion:153 Resp: 81029

Ion Ratio Lower Upper

153 100

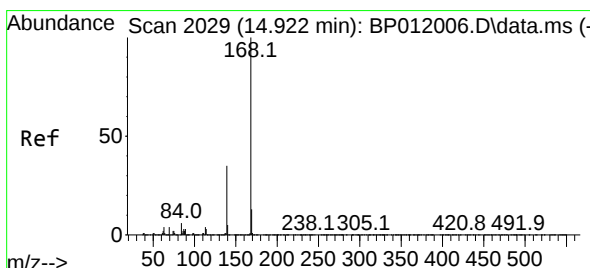
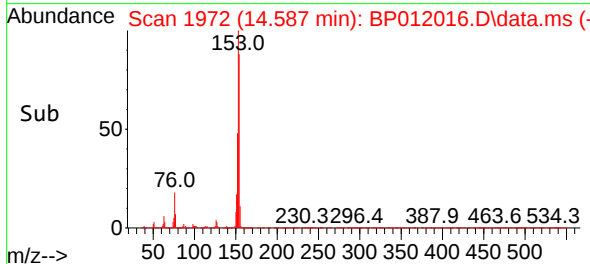
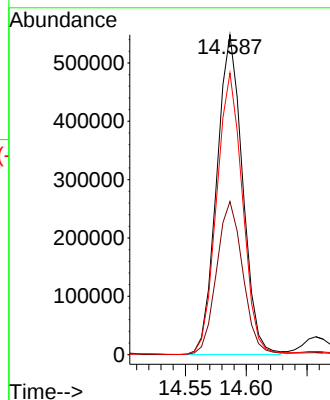
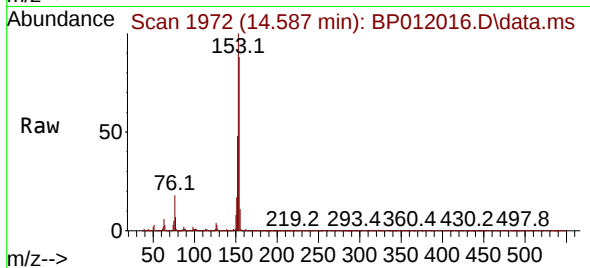
152 47.9 38.4 57.6

154 88.1 70.6 105.8

Manual Integrations

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#56

Dibenzofuran

Concen: 16.282 ng/ul

RT: 14.922 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BP012016.D

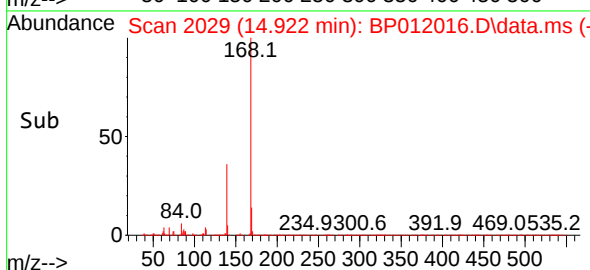
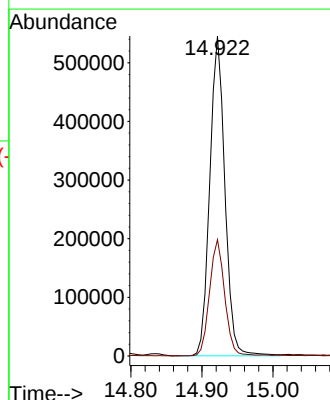
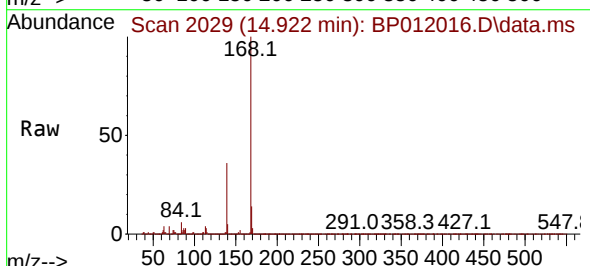
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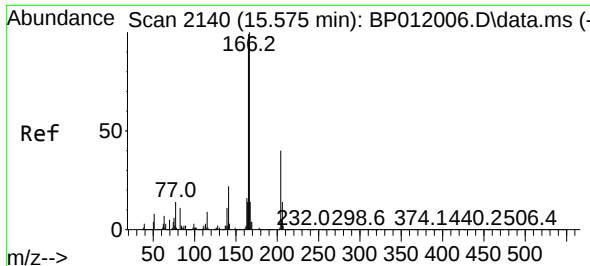
Tgt Ion:168 Resp: 808452

Ion Ratio Lower Upper

168 100

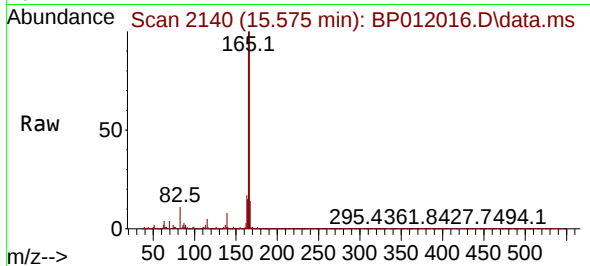
139 36.4 29.4 44.2





#61
Fluorene
Concen: 11.987 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BP012016.D
Acq: 07 Oct 2022 19:39

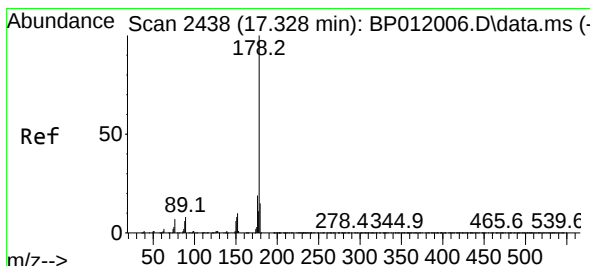
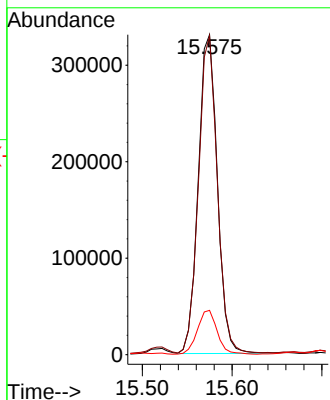
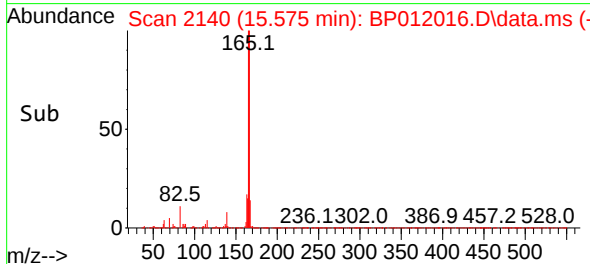
Instrument :
BNA_P
ClientSampleId :
E10005DL



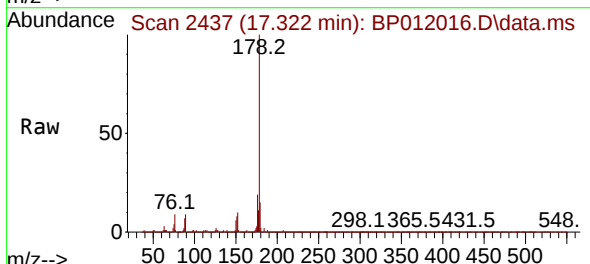
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Ion Ratio Lower Upper
166 100
165 99.7 77.2 115.8
167 13.9 10.7 16.1

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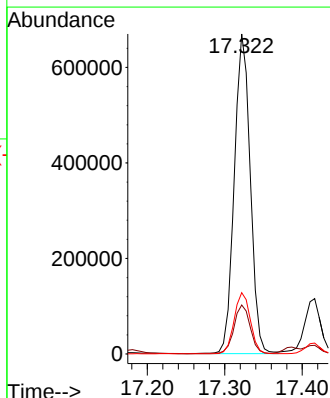
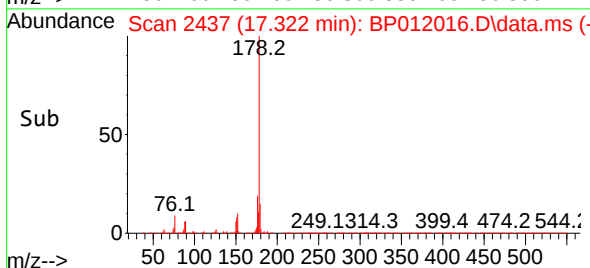
Reviewed By :Jagrut Upadhyay 10/10/2022
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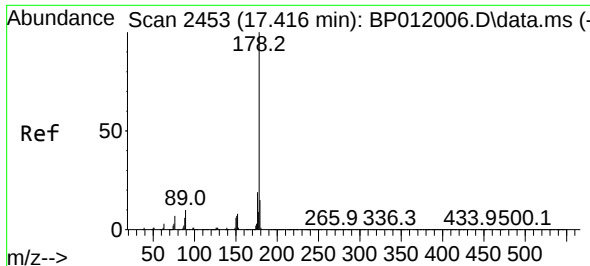


#72
Phenanthrene
Concen: 14.663 ng/ul
RT: 17.322 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BP012016.D
Acq: 07 Oct 2022 19:39



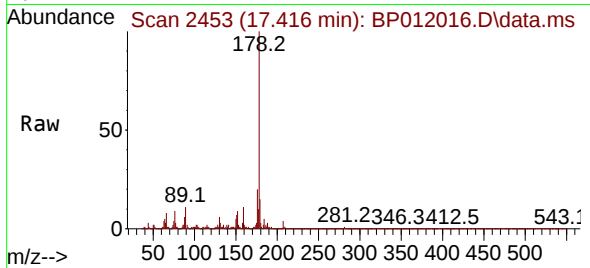
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Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.1 15.4 23.2





#74
 Anthracene
 Concen: 2.544 ng/ul
 RT: 17.416 min Scan# 2453
 Delta R.T. 0.006 min
 Lab File: BP012016.D
 Acq: 07 Oct 2022 19:39

Instrument :
 BNA_P
 Client Sample Id :
 E10005DL

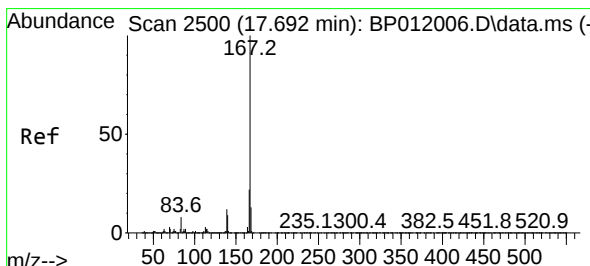
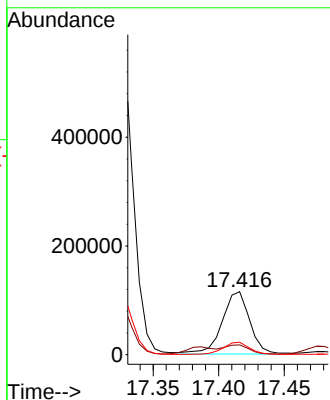
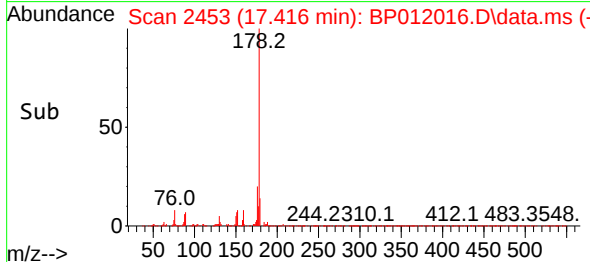


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 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 19.7 15.4 23.2

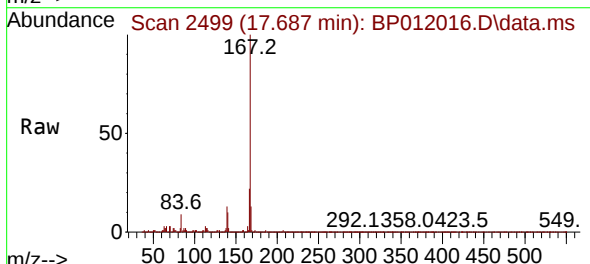
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 Supervised By :mohammad ahmed 10/10/2022

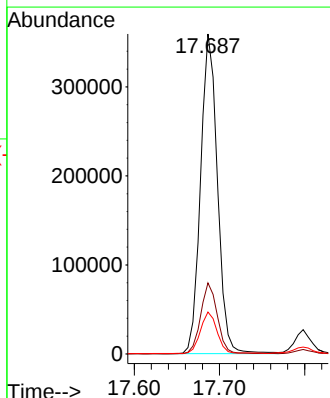
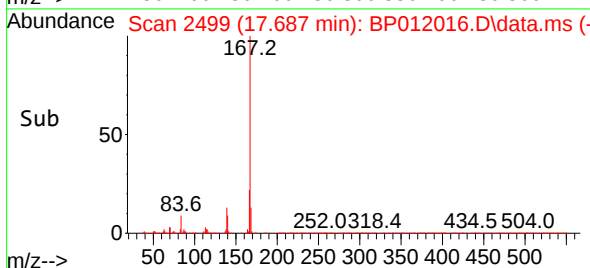
Supervised By :mohammad
 ahmed
 10/10/2022

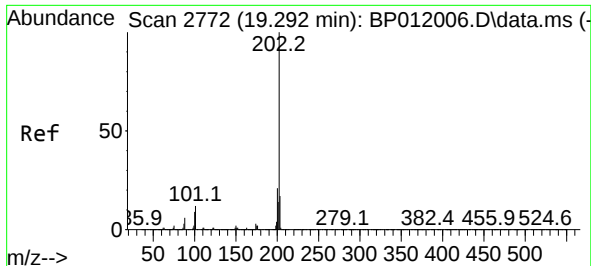


#77
 Carbazole
 Concen: 8.315 ng/ul
 RT: 17.687 min Scan# 2499
 Delta R.T. 0.000 min
 Lab File: BP012016.D
 Acq: 07 Oct 2022 19:39



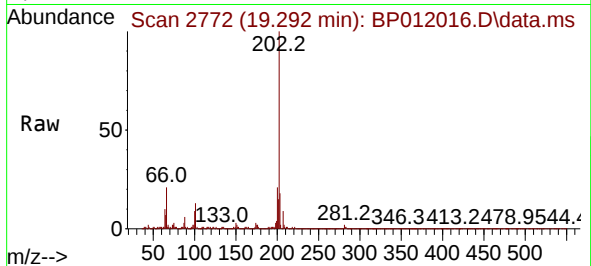
Tgt Ion:167 Resp: 494393
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.1 25.7
 139 13.1 10.1 15.1





#80
Fluoranthene
Concen: 3.166 ng/ul
RT: 19.292 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP012016.D
Acq: 07 Oct 2022 19:39

Instrument :
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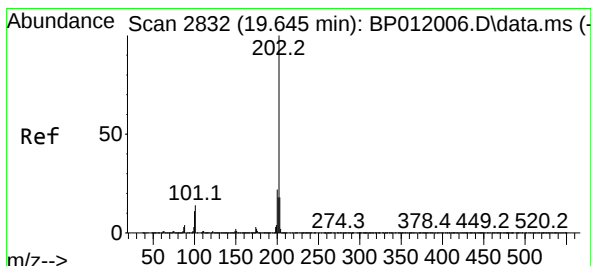
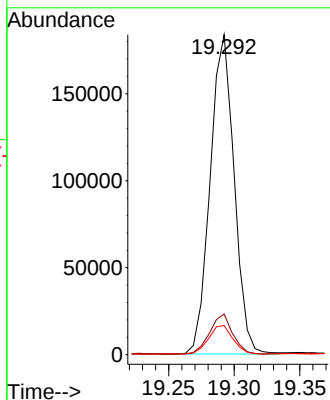
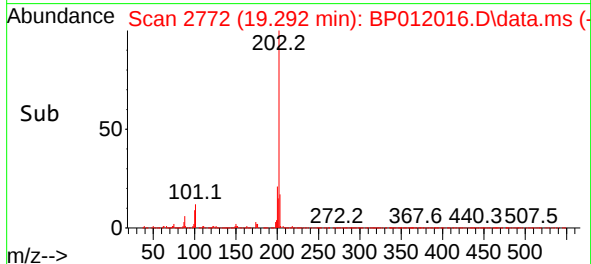


Tgt Ion:202 Resp: 23378
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.6
100 9.1 7.4 11.0

Manual Integrations
APPROVED

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

Supervised By :mohammad
ahmed
10/10/2022



#82
Pyrene
Concen: 2.388 ng/ul
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BP012016.D
Acq: 07 Oct 2022 19:39

Tgt Ion:202 Resp: 183613
Ion Ratio Lower Upper
202 100
101 15.0 11.6 17.4
100 12.0 9.4 14.0

