

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP011999.D
 Acq On : 07 Oct 2022 08:18
 Operator : CG/JU
 Sample : N4923-08
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10005

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 08:43:15 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	236672	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	983344	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	592802	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1193272	20.000	ng/u1	0.00
79) Chrysene-d12	21.369	240	1217682	20.000	ng/u1	0.00
88) Perylene-d12	23.798	264	1296558	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	20463	3.813	ng/uL	0.00
4) Pyridine-d5	3.728	84	117978	7.506	ng/u1	0.01
7) Phenol-d5	7.046	99	131691	6.445	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	291665	25.753	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	349721	21.683	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	246803	14.612	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	230297	30.747	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	240895	30.061	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	427725	28.857	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	731631m	32.378	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	1390462	32.800	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	1657119	34.290	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	63238	7.204	ng/u1	0.02
60) Fluorene-d10	15.522	176	1245908	33.843	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	203432	28.166	ng/u1	0.01
73) Anthracene-d10	17.380	188	1921335	35.347	ng/u1	0.00
81) Pyrene-d10	19.622	212	2170604	35.198	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.645	264	2308370	35.566	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	7.069	94	46920	2.214	ng/u1	97
13) 2-Methylphenol	8.322	108	230453	13.803	ng/u1	98
18) 4-Methylphenol	8.646	108	46507	2.528	ng/u1	86
26) 2,4-Dimethylphenol	9.863	107	1382976m	80.437	ng/u1	
30) Naphthalene	10.734	128	4206368	79.641	ng/u1	100
36) 2-Methylnaphthalene	12.345	142	49527	1.343	ng/u1	98
37) 1-Methylnaphthalene	12.569	142	3686389	99.603	ng/u1	99
43) 1,1'-Biphenyl	13.357	154	1720947	39.249	ng/u1	99
50) Acenaphthylene	14.245	152	573199	10.680	ng/u1#	93
52) Acenaphthene	14.592	153	4174323	110.235	ng/u1	99
56) Dibenzofuran	14.928	168	4332659	83.536	ng/u1	100
61) Fluorene	15.575	166	2647480	62.323	ng/u1	99
72) Phenanthrene	17.328	178	4942704	75.372	ng/u1	99
74) Anthracene	17.416	178	910349	13.797	ng/u1	99
77) Carbazole	17.692	167	2652909	44.501	ng/u1	98
80) Fluoranthene	19.316	202	1276368	16.912	ng/u1	98
82) Pyrene	19.651	202	991763	12.621	ng/u1	97
85) Benzo(a)anthracene	21.357	228	325494	4.088	ng/u1	97
87) Chrysene	21.410	228	238963m	3.198	ng/u1	
90) Benzo(b)fluoranthene	23.057	252	231924	2.803	ng/u1	98
91) Benzo(k)fluoranthene	23.098	252	93490m	1.173	ng/u1	
93) Benzo(a)pyrene	23.686	252	198075	2.682	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.321	276	95520	1.016	ng/u1	97
96) Benzo(g,h,i)perylene	27.098	276	86434	1.037	ng/u1	98

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QLast Update : Fri Oct 07 03:22:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

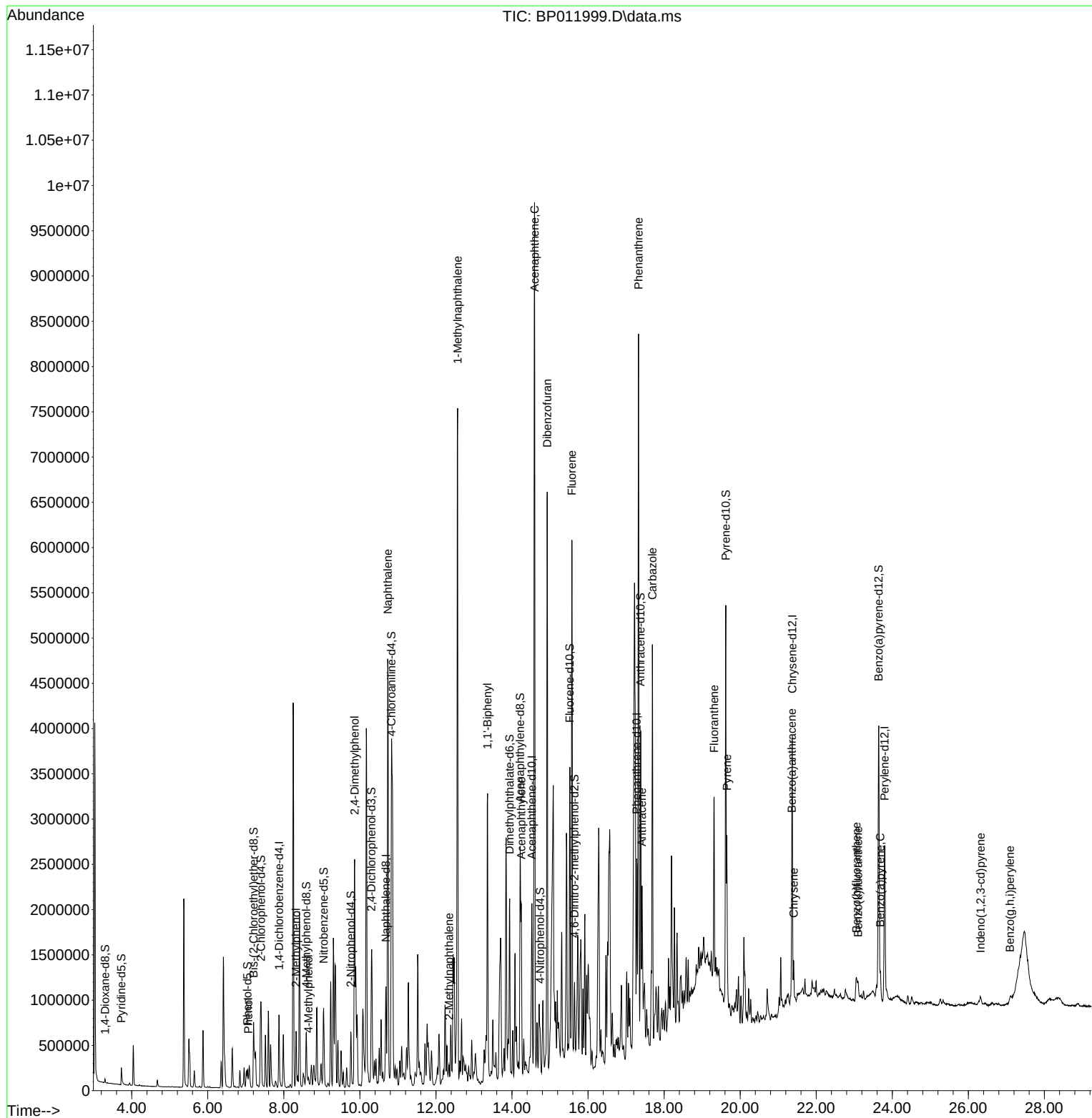
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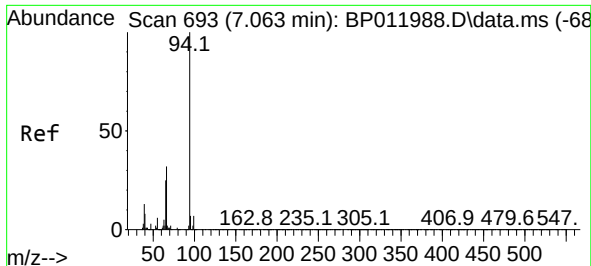
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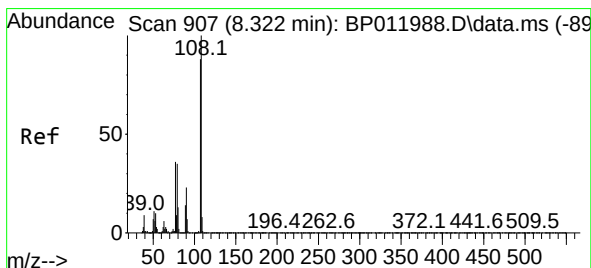
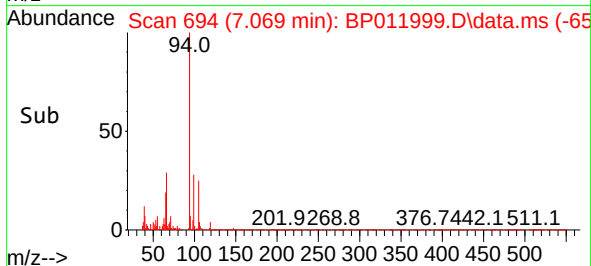
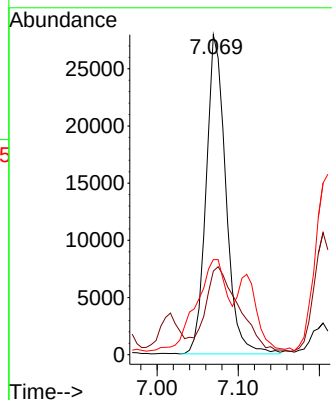
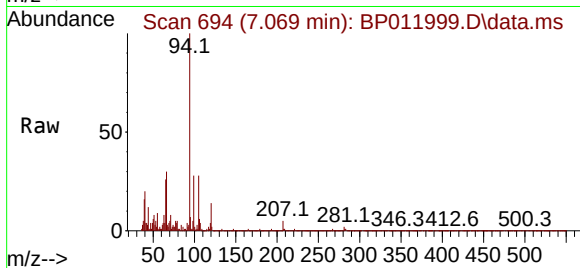
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Phenol
Concen: 2.214 ng/ul
RT: 7.069 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18

Instrument :
BNA_P
ClientSampleId :
E10005

Tgt Ion: 94 Resp: 46920
Ion Ratio Lower Upper
94 100
65 26.1 19.5 29.3
66 29.7 25.0 37.4

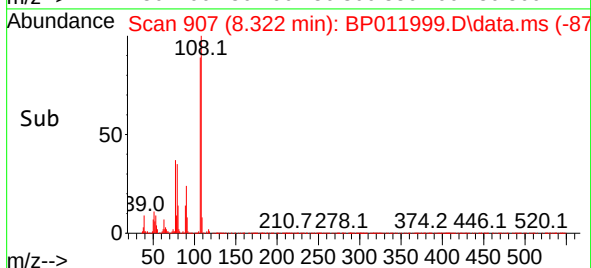
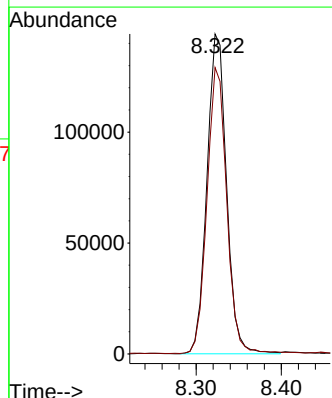
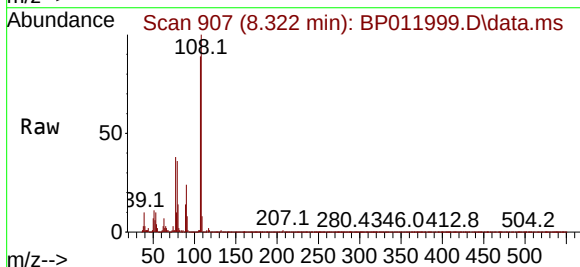
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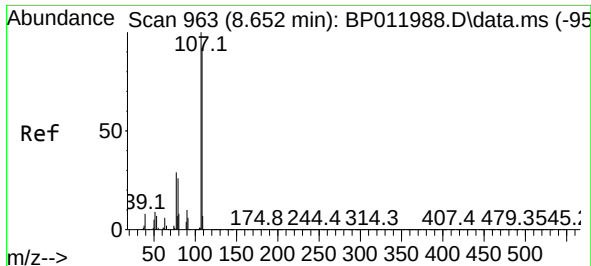
Reviewed By :Jagrut Upadhyay 10/07/2022
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#13
2-Methylphenol
Concen: 13.803 ng/ul
RT: 8.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18

Tgt Ion:108 Resp: 230453
Ion Ratio Lower Upper
108 100
107 89.5 70.2 105.2





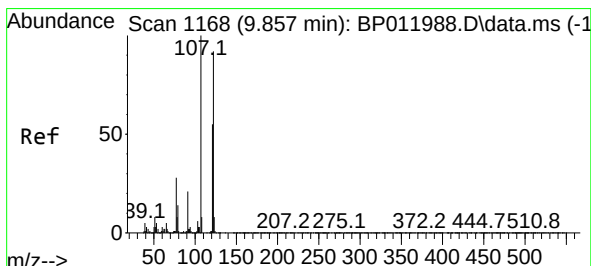
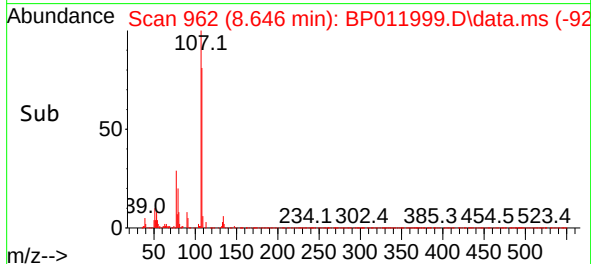
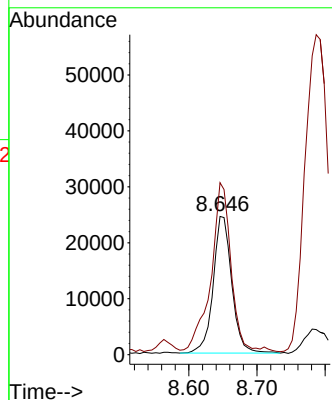
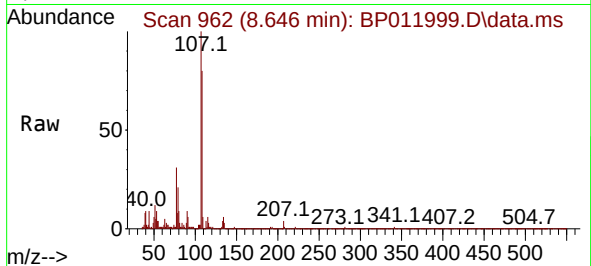
#18
4-Methylphenol
Concen: 2.528 ng/ul
RT: 8.646 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18

Instrument :
BNA_P
ClientSampleId :
E10005

Tgt Ion:108 Resp: 4650
Ion Ratio Lower Upper
108 100
107 124.4 88.0 132.0

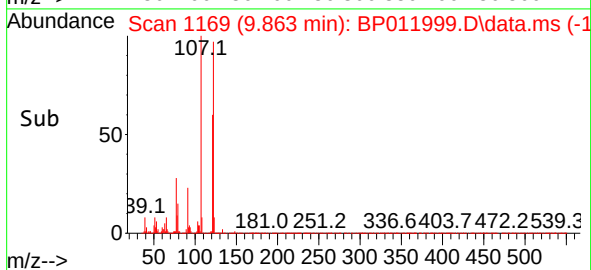
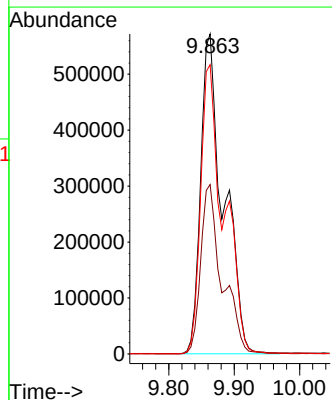
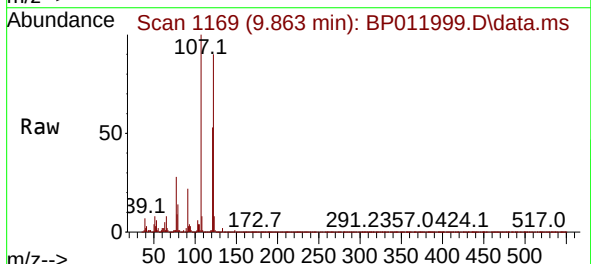
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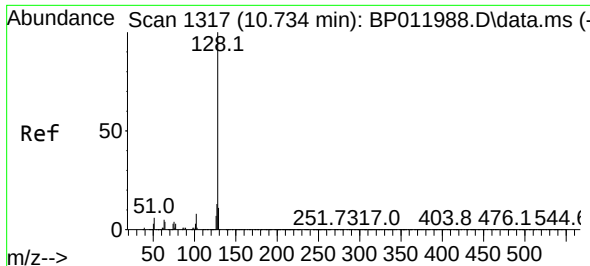
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022



#26
2,4-Dimethylphenol
Concen: 80.437 ng/ul m
RT: 9.863 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18

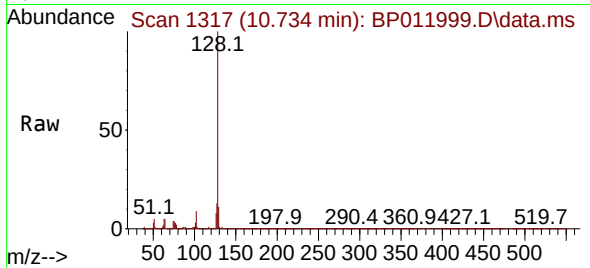
Tgt Ion:107 Resp: 1382976
Ion Ratio Lower Upper
107 100
121 53.0 43.0 64.6
122 90.4 74.9 112.3





#30
Naphthalene
Concen: 79.641 ng/ul
RT: 10.734 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18

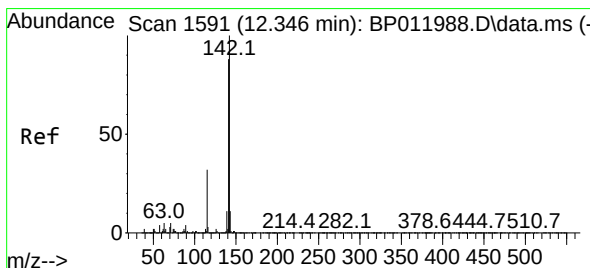
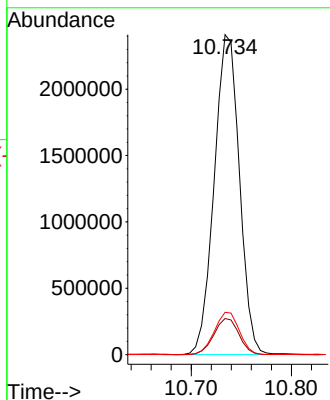
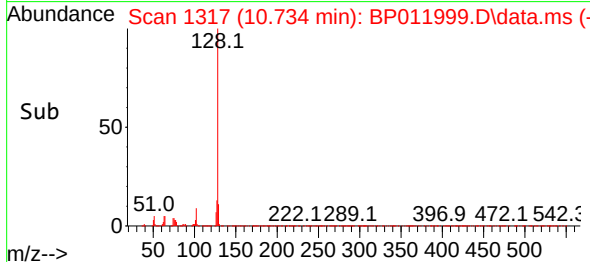
Instrument :
BNA_P
ClientSampleId :
E10005



Tgt Ion:128 Resp: 420636
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.5 15.7

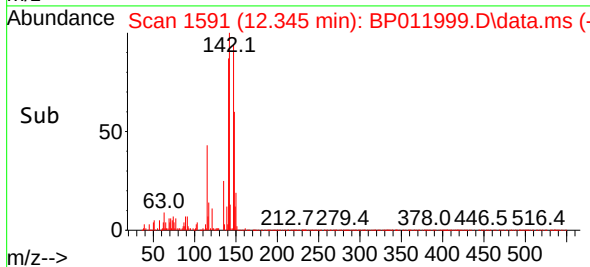
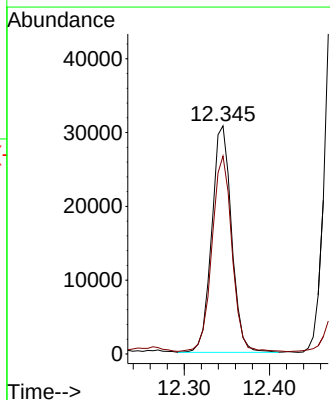
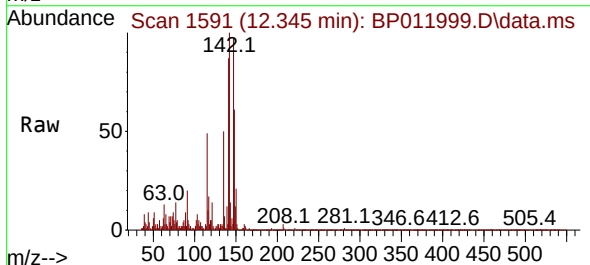
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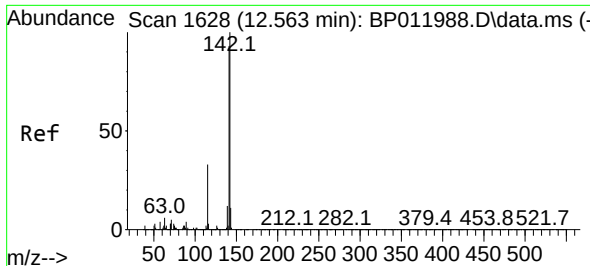
Reviewed By :Jagrut Upadhyay 10/07/2022
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#36
2-Methylnaphthalene
Concen: 1.343 ng/ul
RT: 12.345 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18

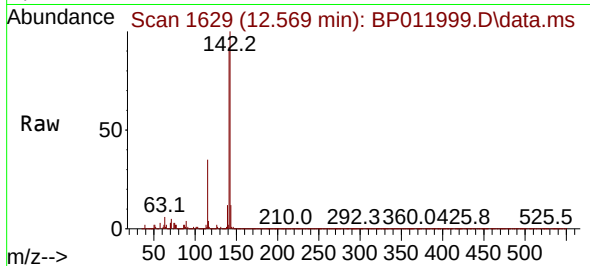
Tgt Ion:142 Resp: 49527
Ion Ratio Lower Upper
142 100
141 86.8 70.6 106.0





#37
1-Methylnaphthalene
Concen: 99.603 ng/ul
RT: 12.569 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18

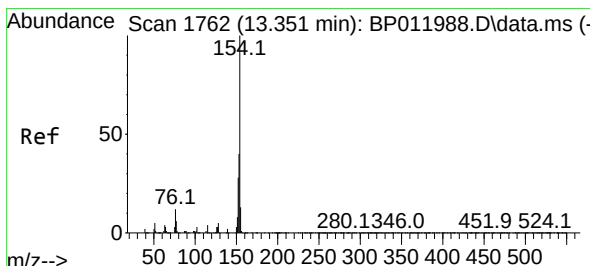
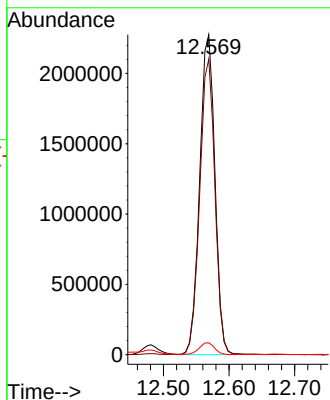
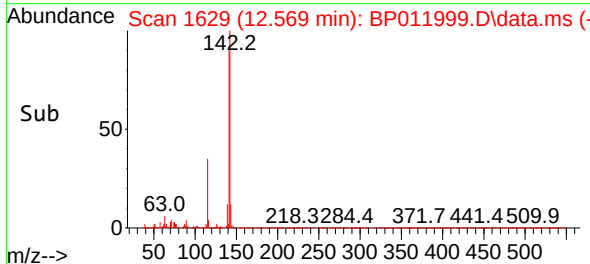
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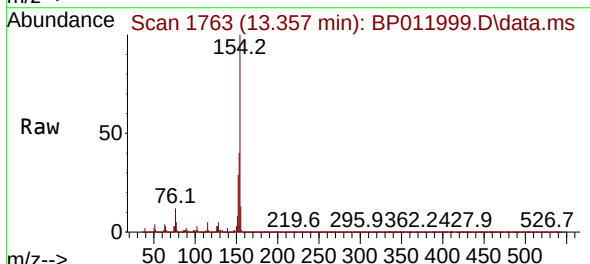
Tgt Ion:142 Resp: 3686389
Ion Ratio Lower Upper
142 100
141 92.4 74.8 112.2
116 3.7 2.9 4.3

Manual Integrations
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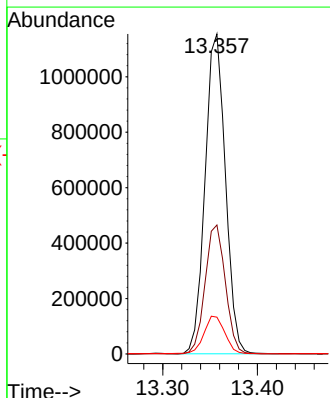
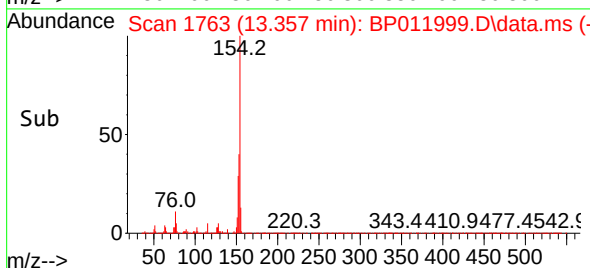
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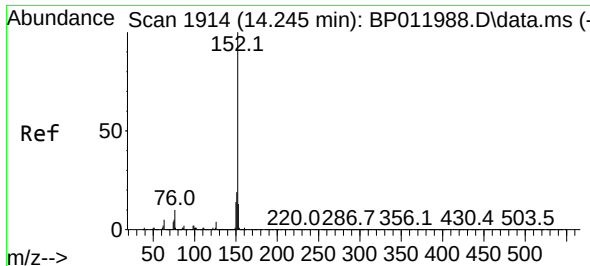


#43
1,1'-Biphenyl
Concen: 39.249 ng/ul
RT: 13.357 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18



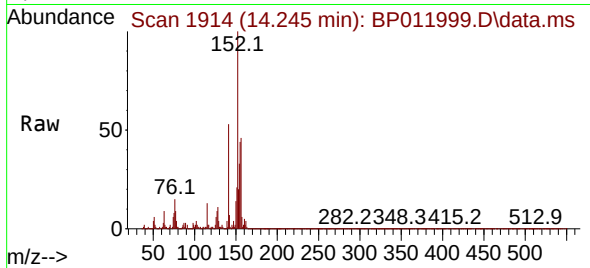
Tgt Ion:154 Resp: 1720947
Ion Ratio Lower Upper
154 100
153 40.3 31.8 47.6
76 11.5 9.5 14.3





#50
Acenaphthylene
Concen: 10.680 ng/ul
RT: 14.245 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18

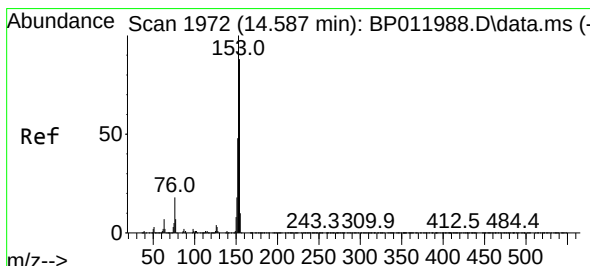
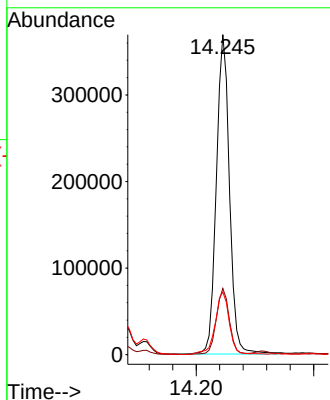
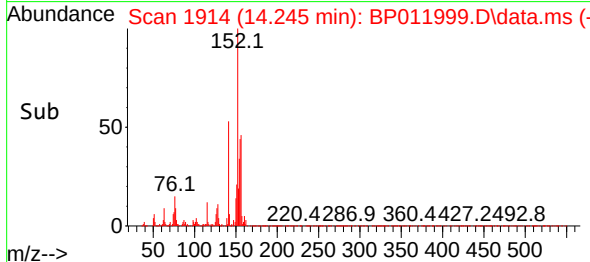
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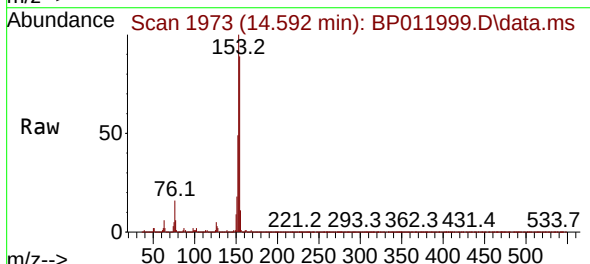
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Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 19.6 10.8 16.2

Manual Integrations
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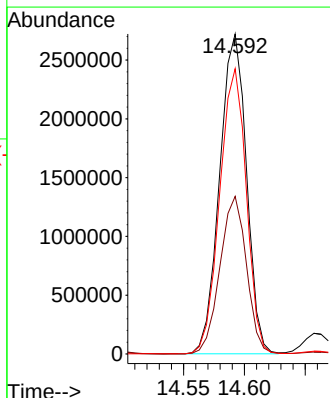
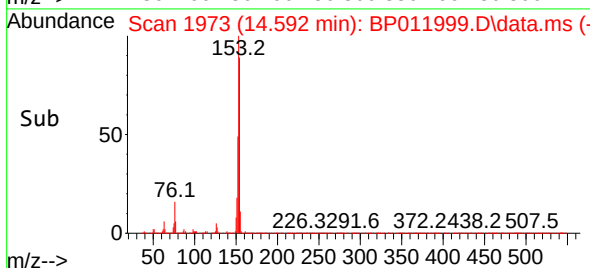
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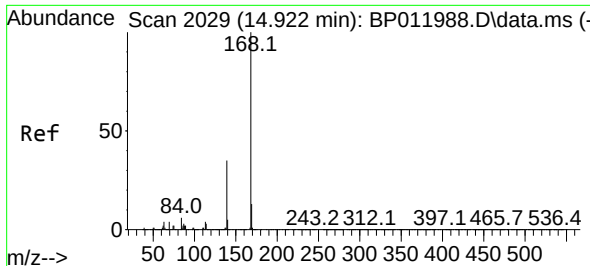


#52
Acenaphthene
Concen: 110.235 ng/ul
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18



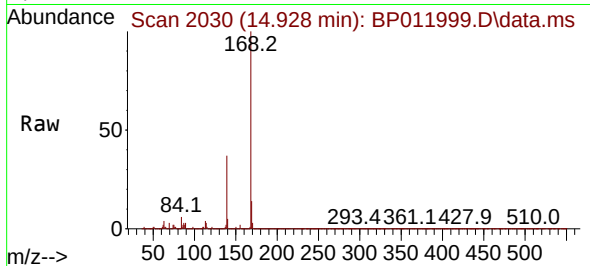
Tgt Ion:153 Resp: 4174323
Ion Ratio Lower Upper
153 100
152 49.3 38.4 57.6
154 89.2 70.6 105.8





#56
Dibenzenofuran
Concen: 83.536 ng/ul
RT: 14.928 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18

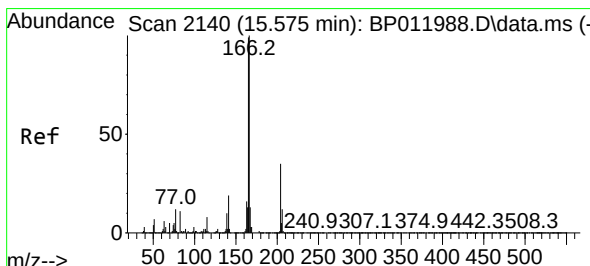
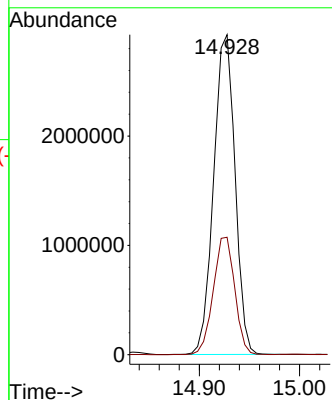
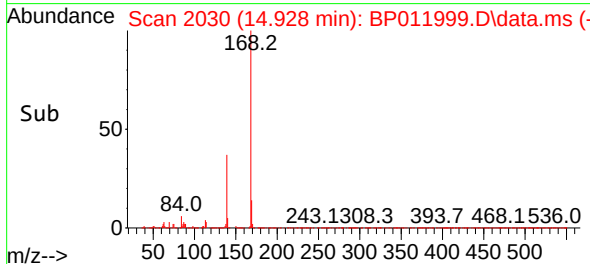
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Tgt Ion:168 Resp: 4332659
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.2

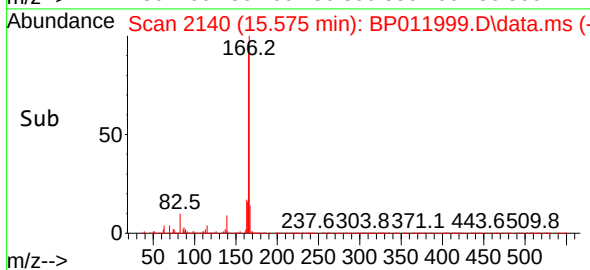
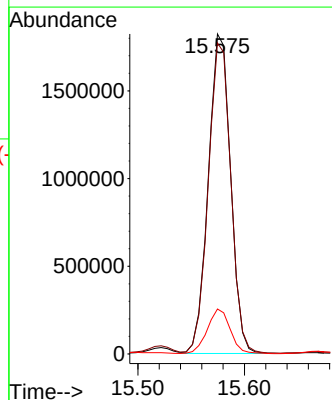
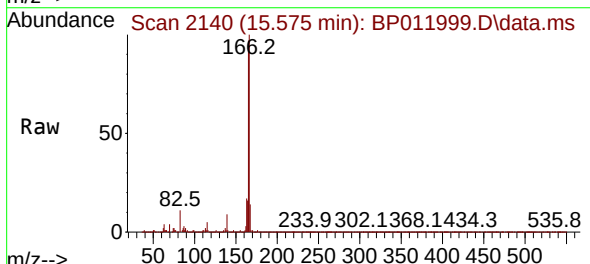
Manual Integrations
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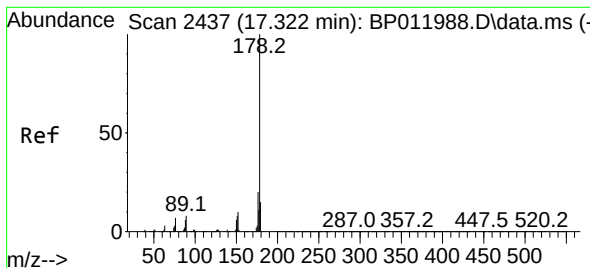
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022



#61
Fluorene
Concen: 62.323 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18

Tgt Ion:166 Resp: 2647480
Ion Ratio Lower Upper
166 100
165 97.2 77.2 115.8
167 14.0 10.7 16.1





#72

Phenanthrene

Concen: 75.372 ng/ul

RT: 17.328 min Scan# 2437

Delta R.T. 0.006 min

Lab File: BP011999.D

Acq: 07 Oct 2022 08:18

Instrument :

BNA_P

ClientSampleId :

E10005

Tgt Ion:178 Resp: 4942704

Ion Ratio Lower Upper

178 100

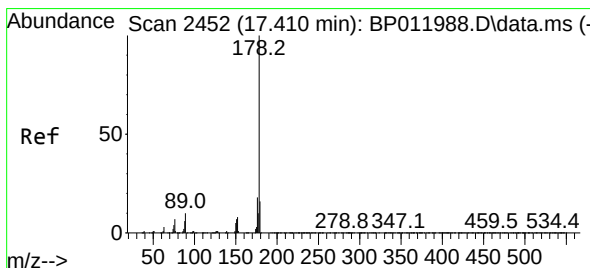
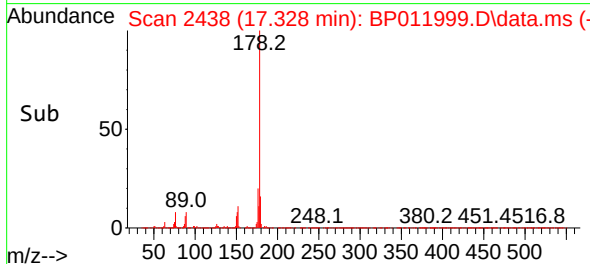
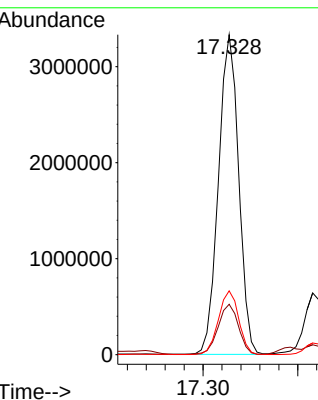
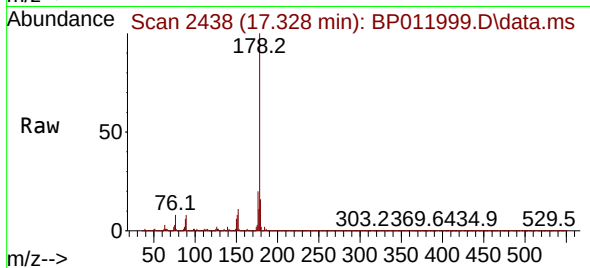
179 15.7 12.5 18.7

176 19.9 15.4 23.2

Manual Integrations

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



#74

Anthracene

Concen: 13.797 ng/ul

RT: 17.416 min Scan# 2453

Delta R.T. 0.006 min

Lab File: BP011999.D

Acq: 07 Oct 2022 08:18

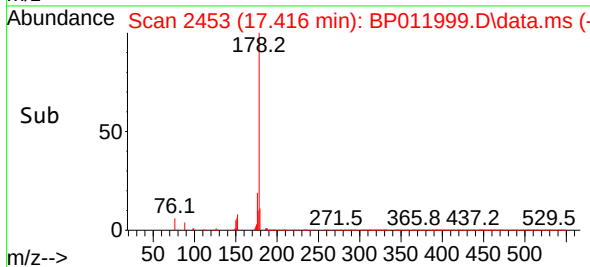
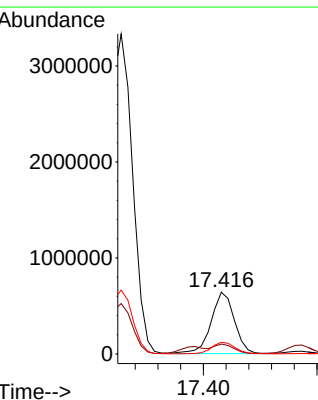
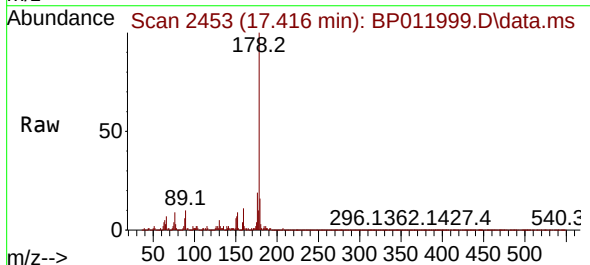
Tgt Ion:178 Resp: 910349

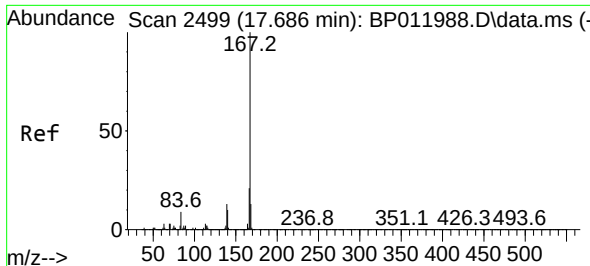
Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

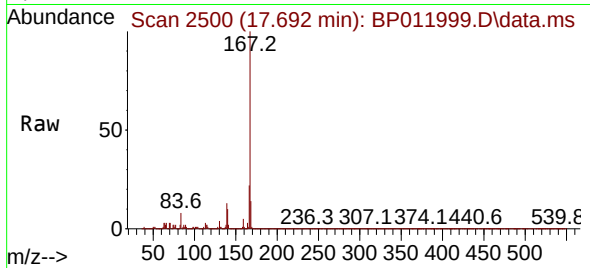
176 19.0 15.4 23.2





#77
 Carbazole
 Concen: 44.501 ng/ul
 RT: 17.692 min Scan# 2499
 Delta R.T. 0.006 min
 Lab File: BP011999.D
 Acq: 07 Oct 2022 08:18

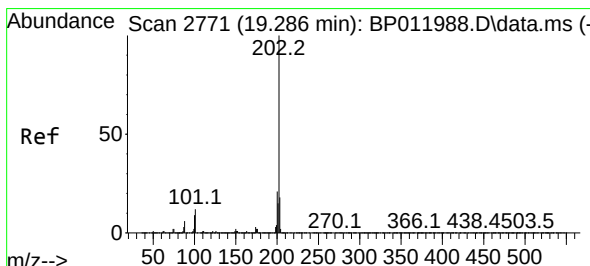
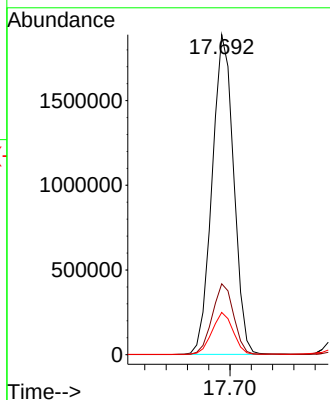
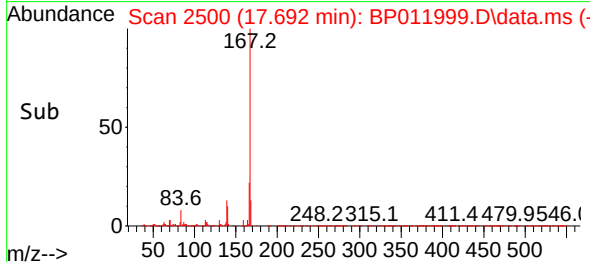
Instrument :
 BNA_P
 ClientSampleId :
 E10005



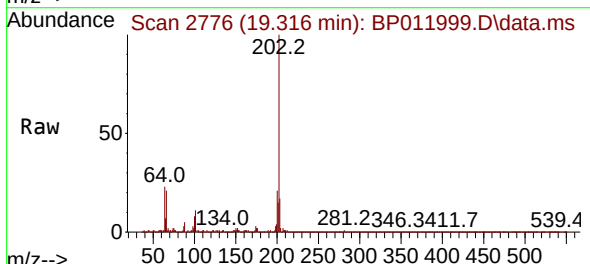
Tgt Ion:167 Resp: 2652909
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.1 25.7
 139 13.2 10.1 15.1

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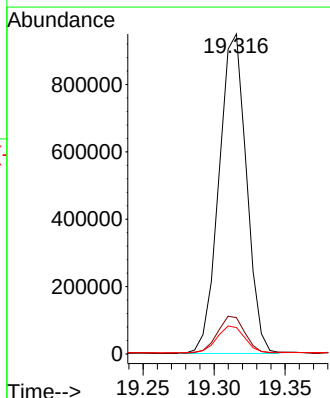
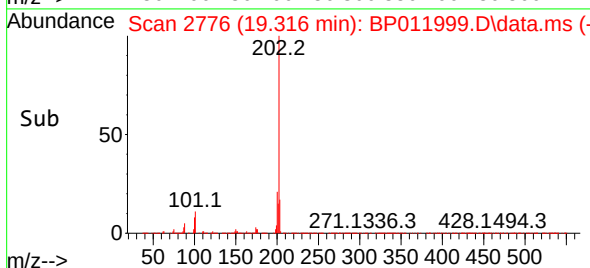
Reviewed By :Jagrut Upadhyay 10/07/2022
 Supervised By :mohammad ahmed 10/10/2022

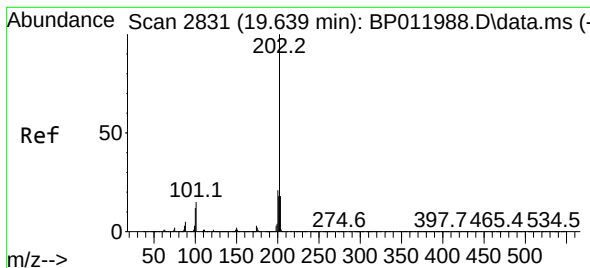


#80
 Fluoranthene
 Concen: 16.912 ng/ul
 RT: 19.316 min Scan# 2776
 Delta R.T. 0.029 min
 Lab File: BP011999.D
 Acq: 07 Oct 2022 08:18



Tgt Ion:202 Resp: 1276368
 Ion Ratio Lower Upper
 202 100
 101 11.4 9.8 14.6
 100 8.3 7.4 11.0





#82

Pyrene

Concen: 12.621 ng/ul

RT: 19.651 min Scan# 2833

Delta R.T. 0.012 min

Lab File: BP011999.D

Acq: 07 Oct 2022 08:18

Instrument :

BNA_P

ClientSampleId :

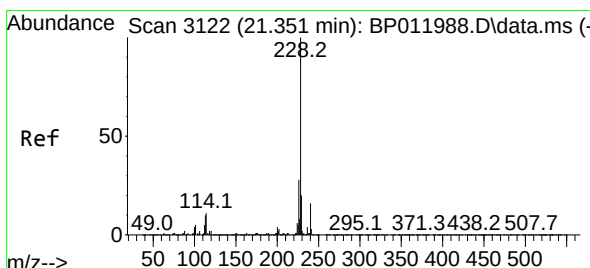
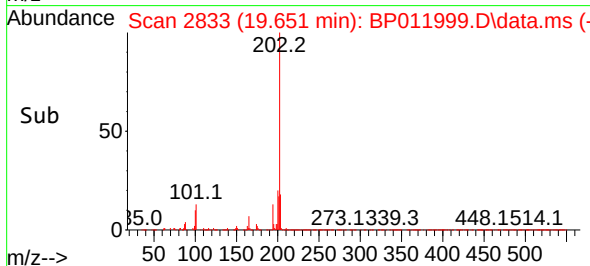
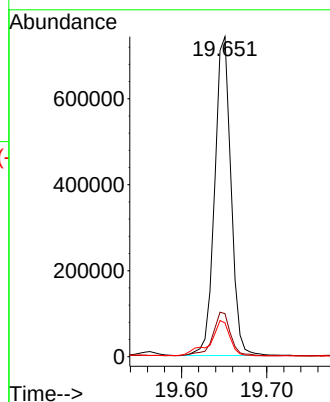
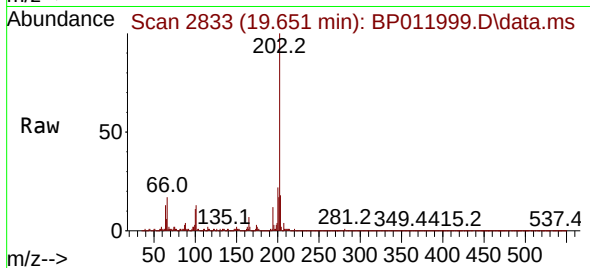
E10005

Tgt Ion:	202	Resp:	99176
Ion Ratio	Lower	Upper	
202	100		
101	13.5	11.6	17.4
100	10.6	9.4	14.0

Manual Integrations

APPROVED

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



#85

Benzo(a)anthracene

Concen: 4.088 ng/ul

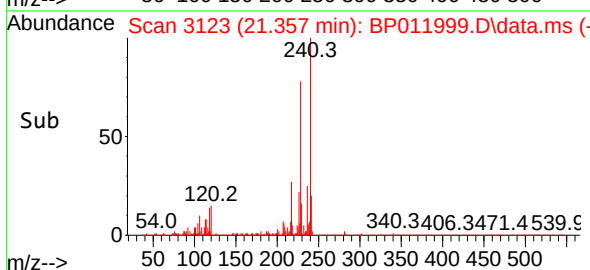
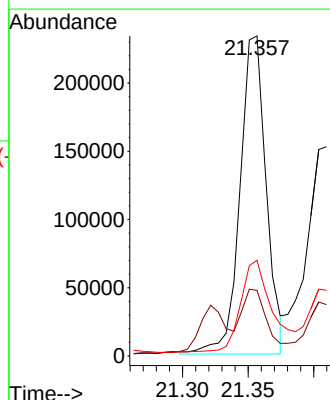
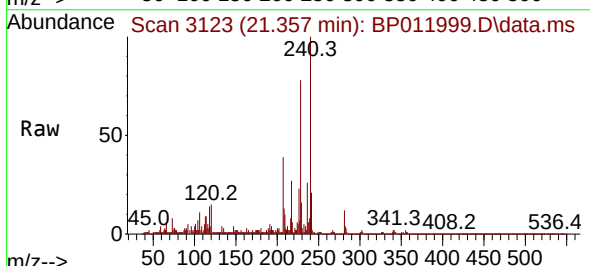
RT: 21.357 min Scan# 3123

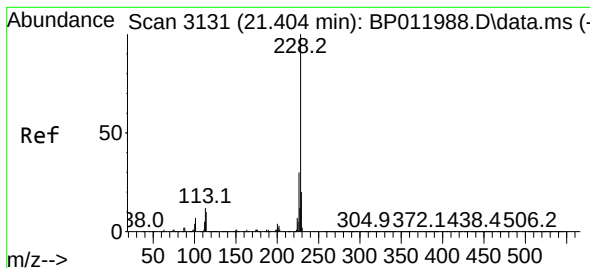
Delta R.T. 0.006 min

Lab File: BP011999.D

Acq: 07 Oct 2022 08:18

Tgt Ion:	228	Resp:	325494
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.8	23.6
226	29.9	22.0	33.0





#87

Chrysene

Concen: 3.198 ng/ul m

RT: 21.410 min Scan# 3131

Delta R.T. 0.006 min

Lab File: BP011999.D

Acq: 07 Oct 2022 08:18

Instrument :

BNA_P

ClientSampleId :

E10005

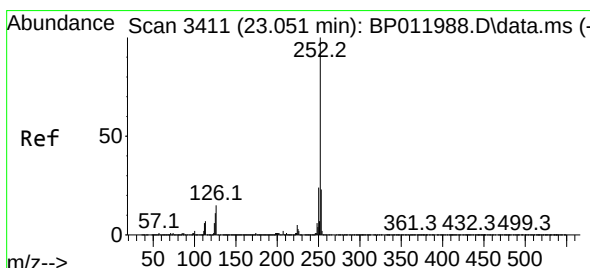
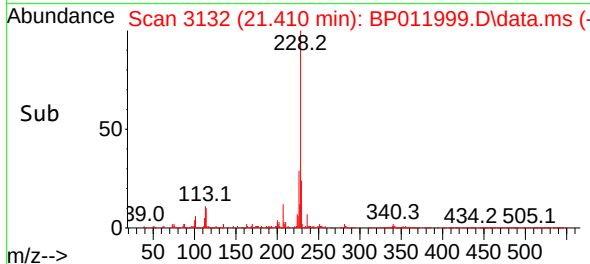
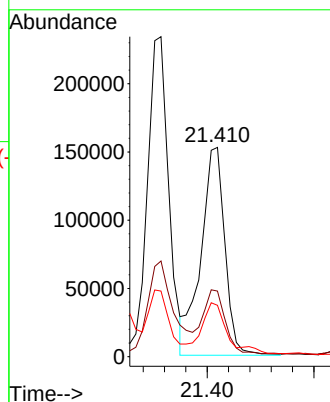
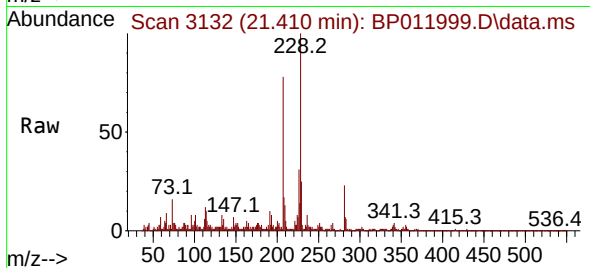
Tgt Ion:228 Resp: 23896

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.3	37.9
229	24.6	16.2	24.2

Manual Integrations

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



#90

Benzo(b)fluoranthene

Concen: 2.803 ng/ul

RT: 23.057 min Scan# 3412

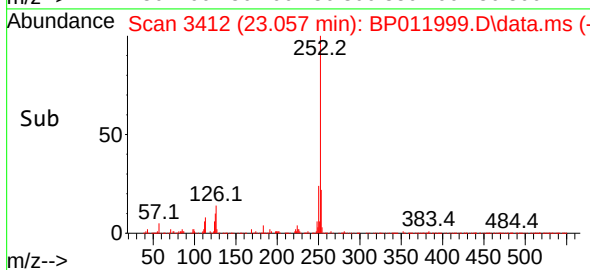
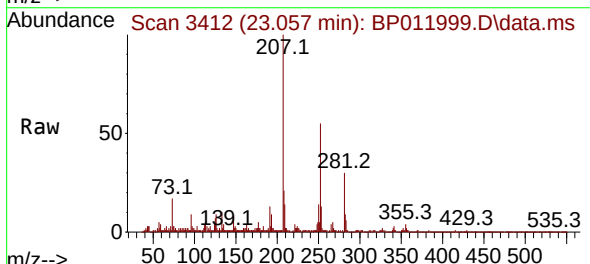
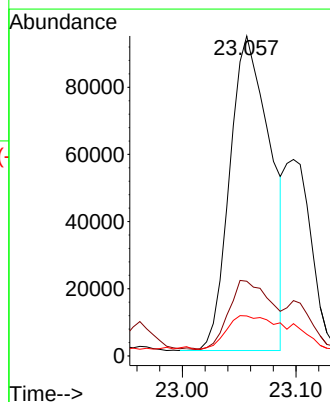
Delta R.T. 0.006 min

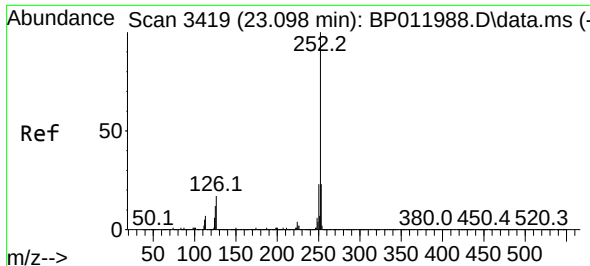
Lab File: BP011999.D

Acq: 07 Oct 2022 08:18

Tgt Ion:252 Resp: 231924

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	12.5	9.2	13.8





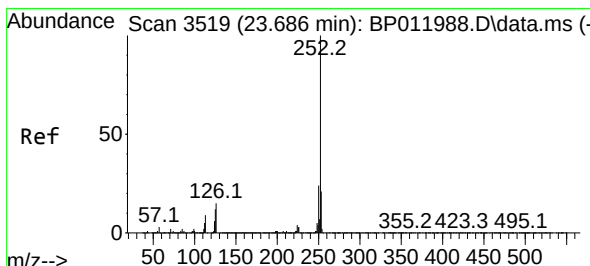
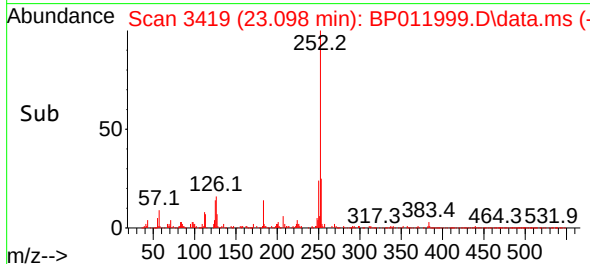
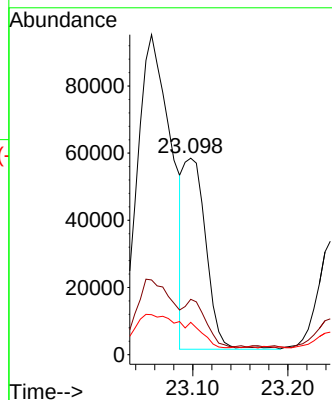
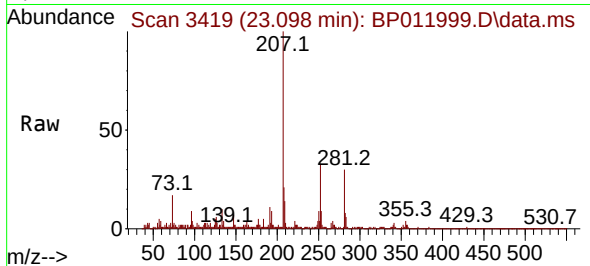
#91
Benzo(k)fluoranthene
Concen: 1.173 ng/ul m
RT: 23.098 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18

Instrument : BNA_P
ClientSampleId : E10005

Tgt Ion:252 Resp: 93490
Ion Ratio Lower Upper
252 100
253 28.2 18.0 27.0
125 16.4 9.2 13.8

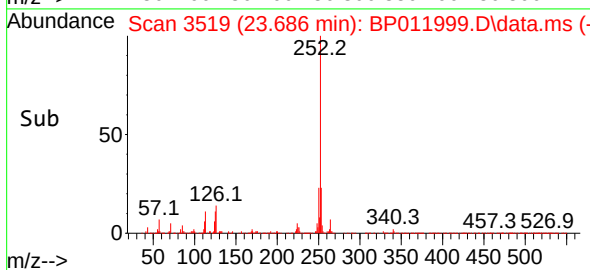
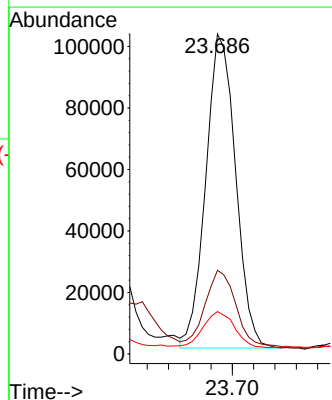
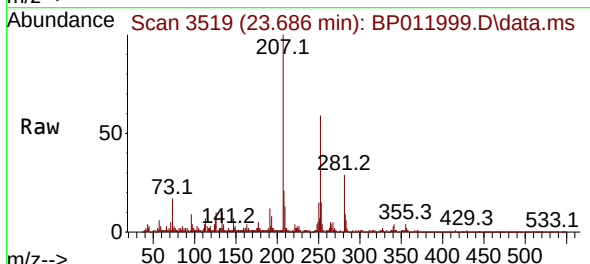
Manual Integrations
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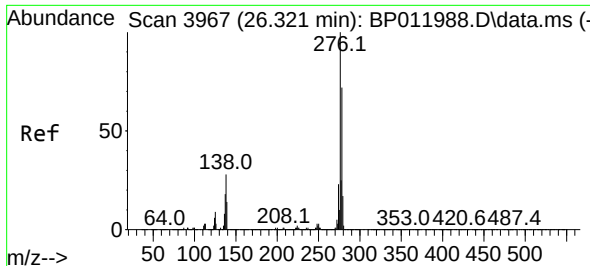
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022



#93
Benzo(a)pyrene
Concen: 2.682 ng/ul
RT: 23.686 min Scan# 3519
Delta R.T. -0.000 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18

Tgt Ion:252 Resp: 198075
Ion Ratio Lower Upper
252 100
253 26.2 17.7 26.5
125 13.2 9.8 14.8





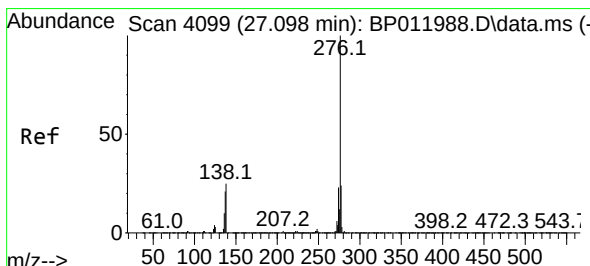
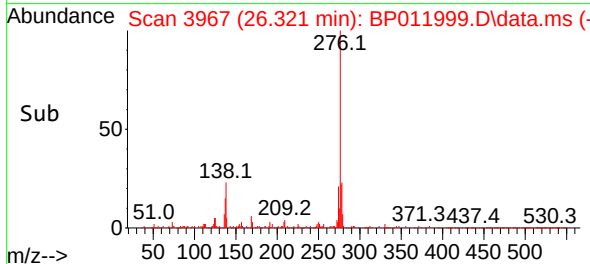
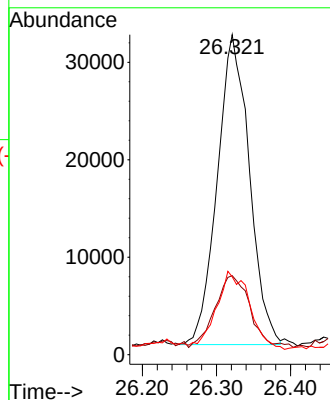
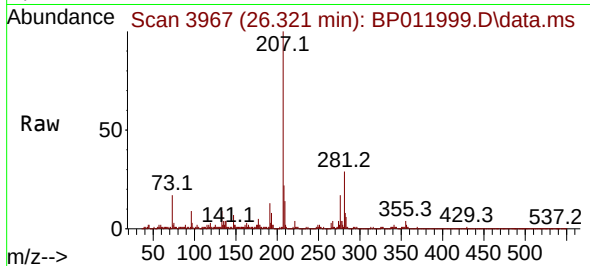
#94
Indeno(1,2,3-cd)pyrene
Concen: 1.016 ng/ul
RT: 26.321 min Scan# 3967
Delta R.T. -0.000 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18

Instrument :
BNA_P
ClientSampleId :
E10005

Tgt Ion:276 Resp: 95520
Ion Ratio Lower Upper
276 100
138 24.7 21.4 32.0
277 24.3 19.9 29.9

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 1.037 ng/ul
RT: 27.098 min Scan# 4099
Delta R.T. -0.000 min
Lab File: BP011999.D
Acq: 07 Oct 2022 08:18

Tgt Ion:276 Resp: 86434
Ion Ratio Lower Upper
276 100
138 24.0 19.8 29.6
277 24.8 18.6 27.8

