

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP011991.D
 Acq On : 07 Oct 2022 03:45
 Operator : CG/JU
 Sample : N4923-01
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10007

Quant Time: Oct 07 04:12:33 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 10/07/2022
 Supervised By :mohammad ahmed 10/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	341453	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	913094	20.000	ng/ul	0.06
38) Acenaphthene-d10	14.534	164	875255	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.298	188	1663061	20.000	ng/ul	0.02
79) Chrysene-d12	21.380	240	1731164	20.000	ng/ul	0.01
88) Perylene-d12	23.816	264	1770874	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	35863	4.632	ng/uL	0.00
4) Pyridine-d5	3.728	84	31827	1.403	ng/ul	0.01
7) Phenol-d5	7.111	99	100673m	3.415	ng/ul	0.07
9) Bis-(2-Chloroethyl)eth...	7.264	67	342347	20.952	ng/ul	0.06
11) 2-Chlorophenol-d4	7.434	132	553215	23.774	ng/ul	0.03
15) 4-Methylphenol-d8	8.675	113	188940m	7.754	ng/ul	0.09
21) Nitrobenzene-d5	9.116	128	405437	58.295	ng/ul	0.08
24) 2-Nitrophenol-d4	9.810	143	415719	55.869	ng/ul	0.05
28) 2,4-Dichlorophenol-d3	10.405	165	569952	41.411	ng/ul	0.10
31) 4-Chloroaniline-d4	10.905	131	1156397	55.113	ng/ul	0.08
46) Dimethylphthalate-d6	13.969	166	2104057	33.617	ng/ul	0.04
49) Acenaphthylene-d8	14.234	160	2433854	34.110	ng/ul	0.02
54) 4-Nitrophenol-d4	14.769	143	436285m	33.661	ng/ul	0.05
60) Fluorene-d10	15.534	176	2160283	39.743	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.704	200	188826m	18.759	ng/ul	0.07
73) Anthracene-d10	17.398	188	2799773	36.958	ng/ul	0.02
81) Pyrene-d10	19.628	212	2916685	33.267	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.657	264	3338532	37.661	ng/ul	0.02
Target Compounds						
						Qvalue
8) Phenol	7.164	94	40785138m	1333.978	ng/ul	
13) 2-Methylphenol	8.363	108	21598935m	896.667	ng/ul	
18) 4-Methylphenol	8.899	108	51398312m	1936.615	ng/ul	
26) 2,4-Dimethylphenol	10.016	107	32141875m	2013.275	ng/ul	
30) Naphthalene	10.769	128	59422394m	1211.631	ng/ul	
36) 2-Methylnaphthalene	12.393	142	15713407	458.790	ng/ul	99
37) 1-Methylnaphthalene	12.610	142	12339365m	359.048	ng/ul	
43) 1,1'-Biphenyl	13.375	154	3852560	59.509	ng/ul	98
50) Acenaphthylene	14.269	152	11292136	142.495	ng/ul	96
52) Acenaphthene	14.604	153	3618552	64.721	ng/ul	98
56) Dibenzofuran	14.945	168	9364304	122.284	ng/ul	97
61) Fluorene	15.592	166	6880995	109.709	ng/ul	98
72) Phenanthrene	17.345	178	16500017	180.534	ng/ul	95
74) Anthracene	17.434	178	8223519	89.427	ng/ul	98
77) Carbazole	17.710	167	9336397	112.371	ng/ul	97
80) Fluoranthene	19.310	202	10334550m	96.319	ng/ul	
82) Pyrene	19.657	202	8713155	77.996	ng/ul#	91
85) Benzo(a)anthracene	21.363	228	5221438	46.122	ng/ul#	89
87) Chrysene	21.416	228	4254933	40.049	ng/ul	97
90) Benzo(b)fluoranthene	23.074	252	4684261	41.443	ng/ul	98
91) Benzo(k)fluoranthene	23.110	252	1545635m	14.200	ng/ul	
93) Benzo(a)pyrene	23.710	252	3819753	37.868	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.339	276	1961647	15.279	ng/ul	97
95) Dibenzo(a,h)anthracene	26.345	278	570655	5.003	ng/ul#	73

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) Benzo(g,h,i)perylene	27.115	276	1693325	14.877	ng/ul	98

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

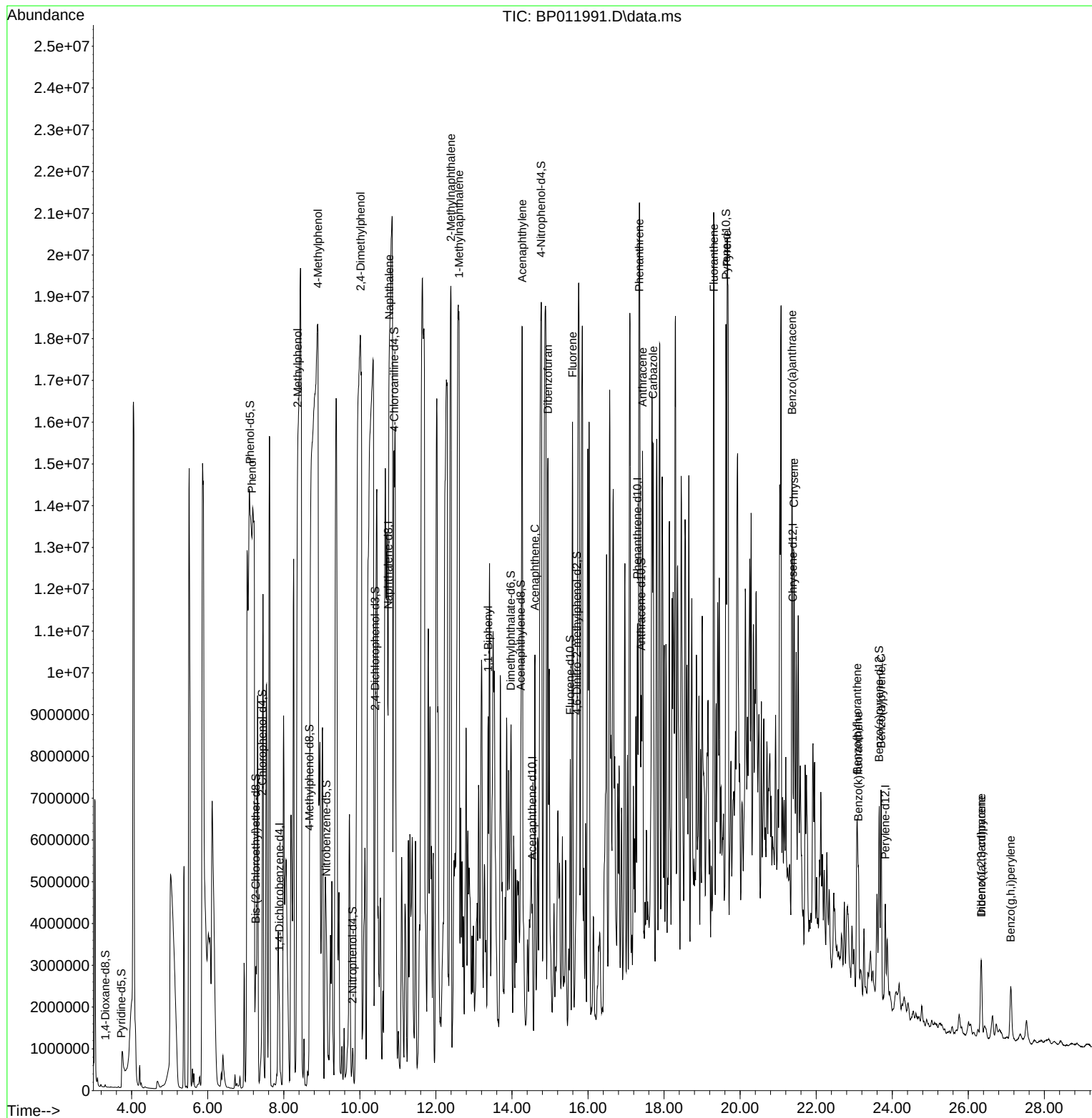
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
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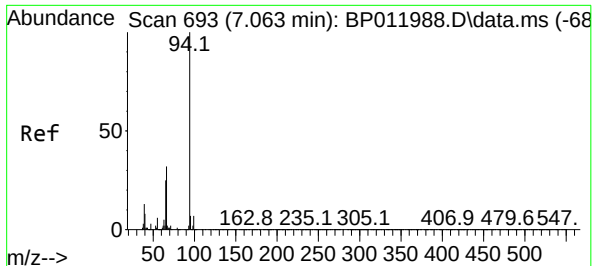
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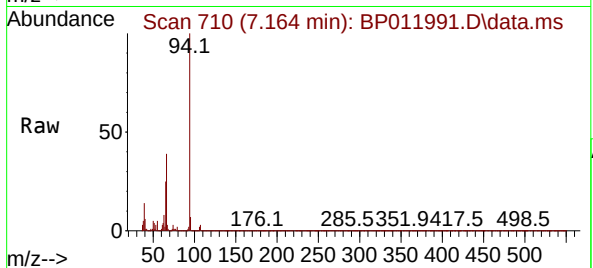
Reviewed By :Jagrut Upadhyay 10/07/2022
 Supervised By :mohammad ahmed 10/10/2022





#8
Phenol
Concen: 1333.978 ng/ul m
RT: 7.164 min Scan# 710
Delta R.T. 0.100 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

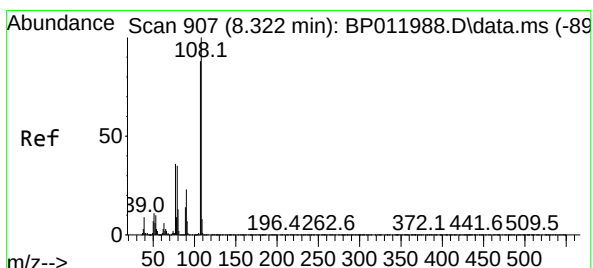
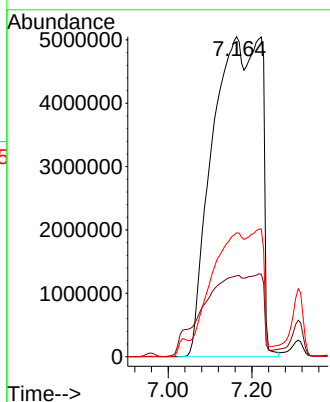
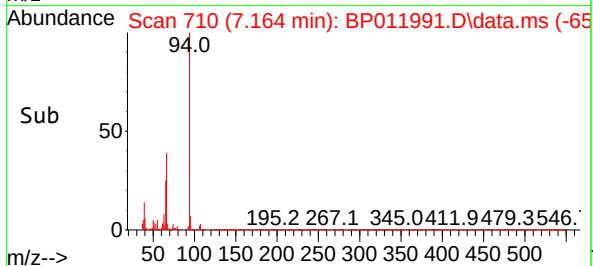
Instrument :
BNA_P
ClientSampleId :
E10007



Tgt Ion: 94 Resp:40785138
Ion Ratio Lower Upper
94 100
65 25.3 19.5 29.3
66 38.7 25.0 37.4

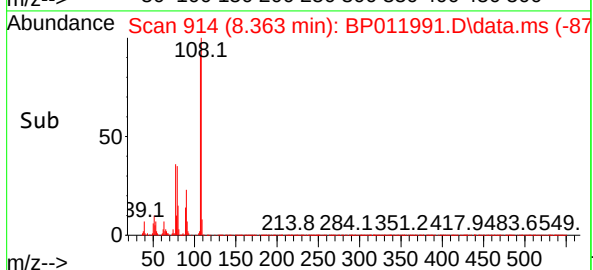
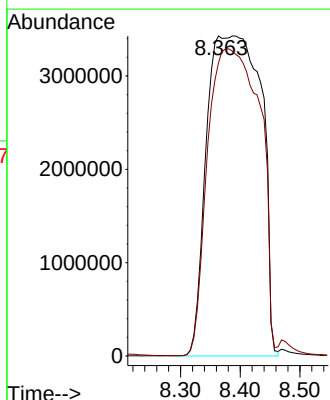
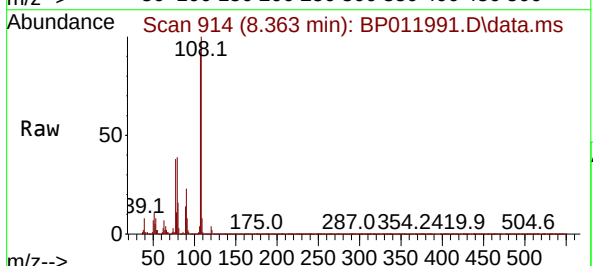
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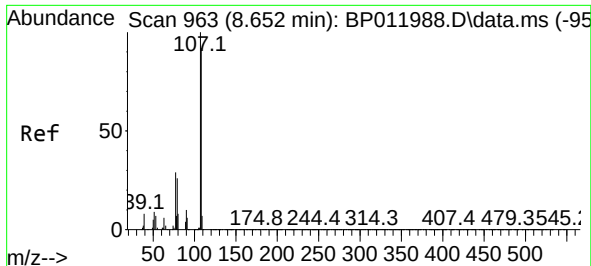
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022



#13
2-Methylphenol
Concen: 896.667 ng/ul m
RT: 8.363 min Scan# 914
Delta R.T. 0.041 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

Tgt Ion:108 Resp:21598935
Ion Ratio Lower Upper
108 100
107 91.6 70.2 105.2





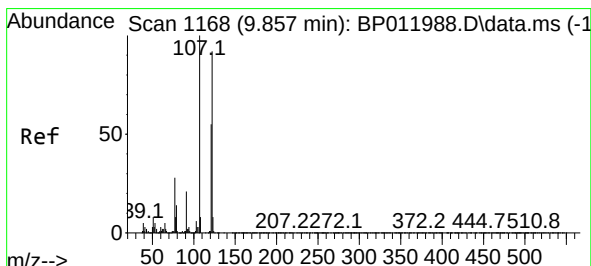
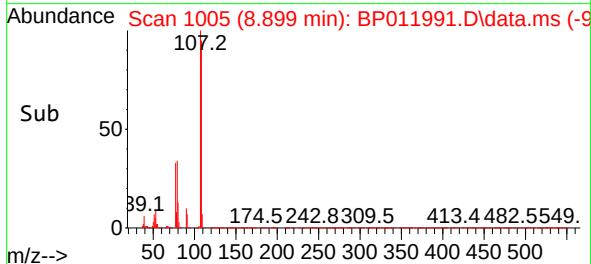
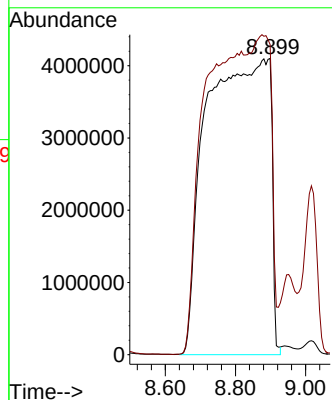
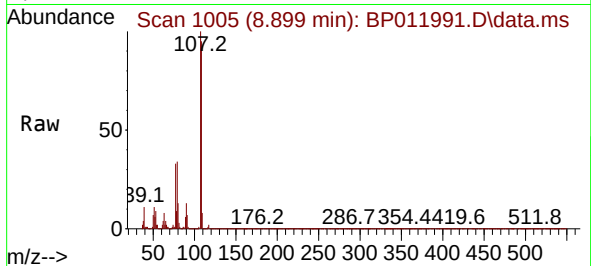
#18
4-Methylphenol
Concen: 1936.615 ng/ul m
RT: 8.899 min Scan# 1105
Delta R.T. 0.247 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

Instrument :
BNA_P
ClientSampleId :
E10007

Tgt Ion:108 Resp:5139831
Ion Ratio Lower Upper
108 100
107 104.8 88.0 132.0

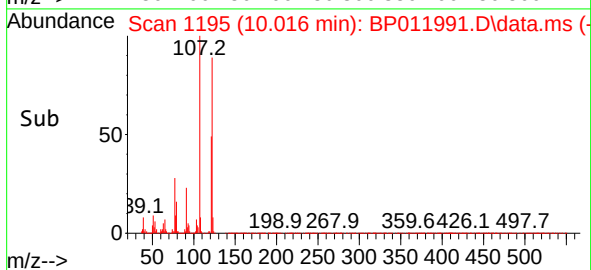
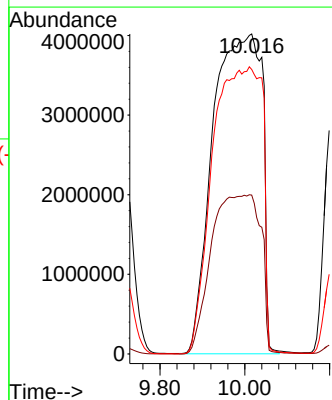
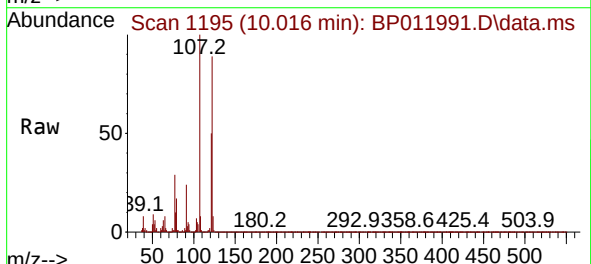
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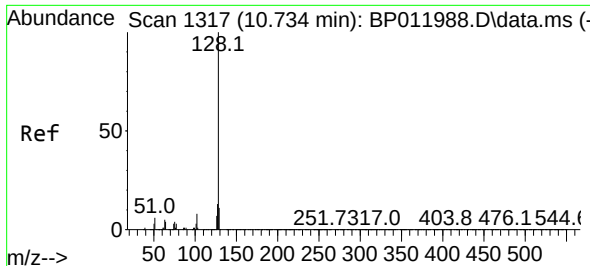
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022



#26
2,4-Dimethylphenol
Concen: 2013.275 ng/ul m
RT: 10.016 min Scan# 1195
Delta R.T. 0.159 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

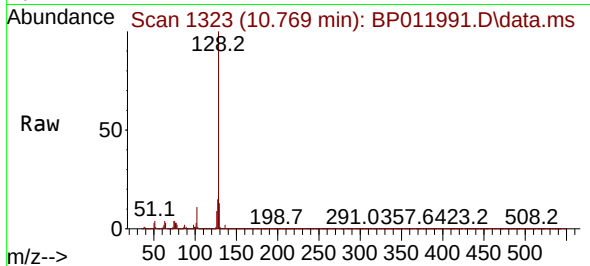
Tgt Ion:107 Resp:32141875
Ion Ratio Lower Upper
107 100
121 49.6 43.0 64.6
122 88.9 74.9 112.3





#30
Naphthalene
Concen: 1211.631 ng/ul m
RT: 10.769 min Scan# 1317
Delta R.T. 0.035 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

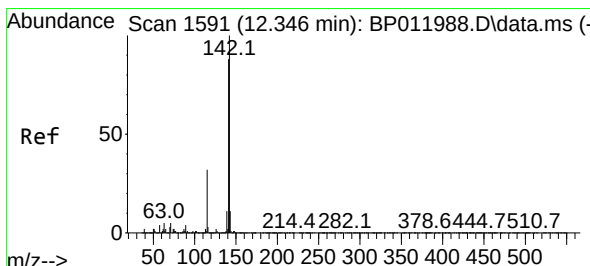
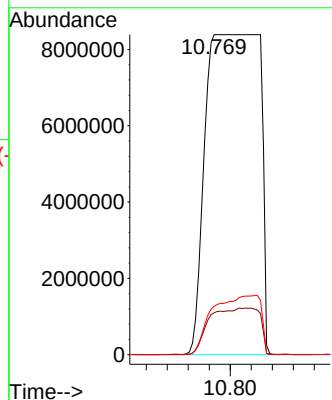
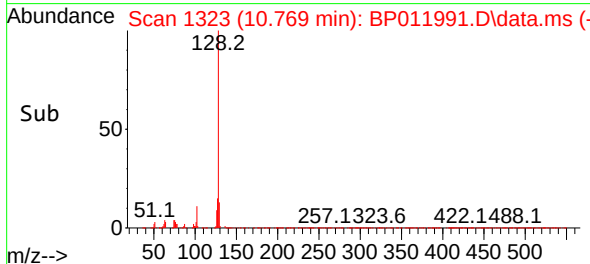
Instrument :
BNA_P
ClientSampleId :
E10007



Tgt Ion:128 Resp:59422394
Ion Ratio Lower Upper
128 100
129 13.0 8.9 13.3
127 15.2 10.5 15.7

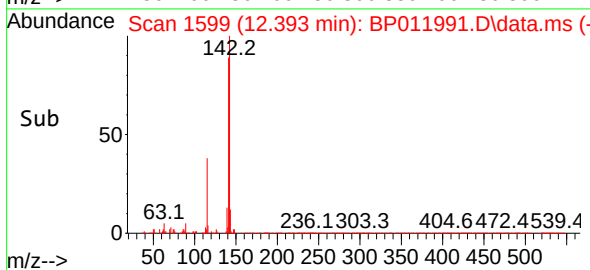
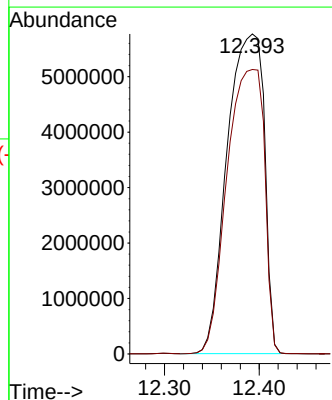
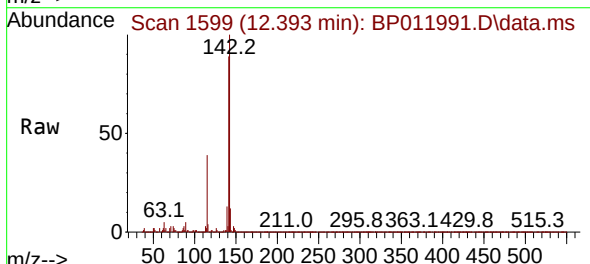
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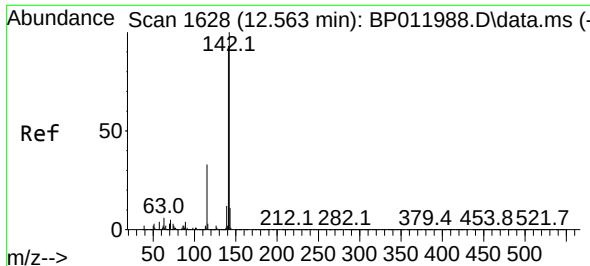
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022



#36
2-Methylnaphthalene
Concen: 458.790 ng/ul
RT: 12.393 min Scan# 1599
Delta R.T. 0.047 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

Tgt Ion:142 Resp:15713407
Ion Ratio Lower Upper
142 100
141 88.9 70.6 106.0





#37

1-Methylnaphthalene

Concen: 359.048 ng/ul m

RT: 12.610 min Scan# 1

Delta R.T. 0.047 min

Lab File: BP011991.D

Acq: 07 Oct 2022 03:45

Instrument :

BNA_P

ClientSampleId :

E10007

Tgt Ion:142 Resp:1233936

Ion Ratio Lower Upper

142 100

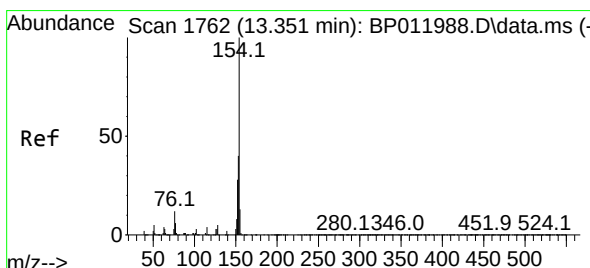
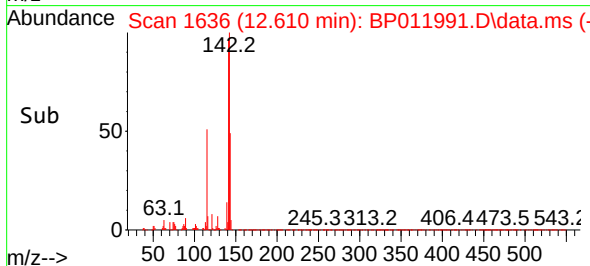
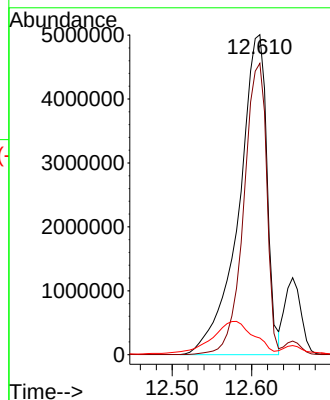
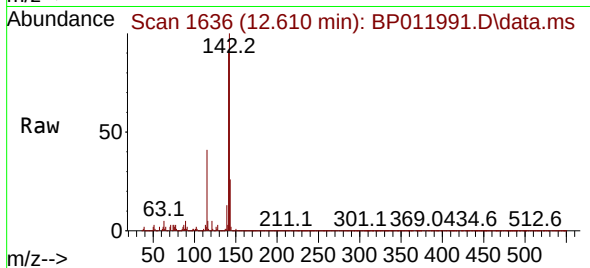
141 91.0 74.8 112.2

116 5.2 2.9 4.3

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#43

1,1'-Biphenyl

Concen: 59.509 ng/ul

RT: 13.375 min Scan# 1766

Delta R.T. 0.024 min

Lab File: BP011991.D

Acq: 07 Oct 2022 03:45

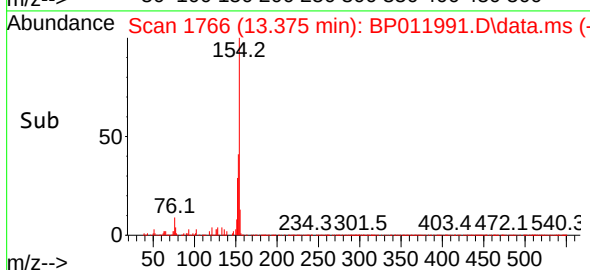
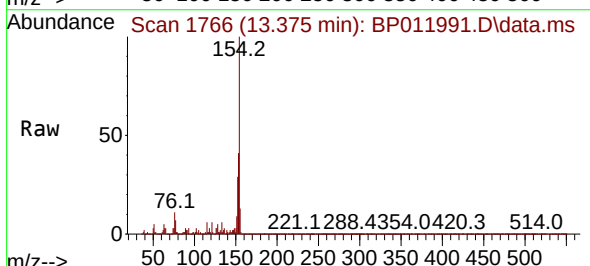
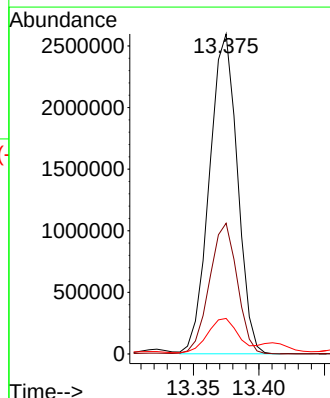
Tgt Ion:154 Resp: 3852560

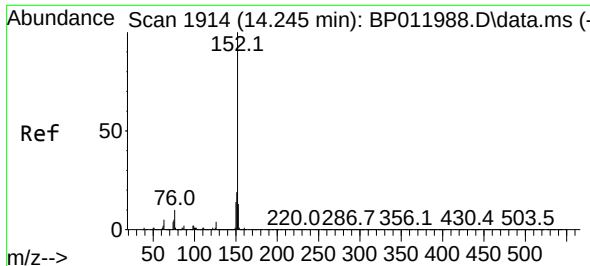
Ion Ratio Lower Upper

154 100

153 40.9 31.8 47.6

76 11.1 9.5 14.3





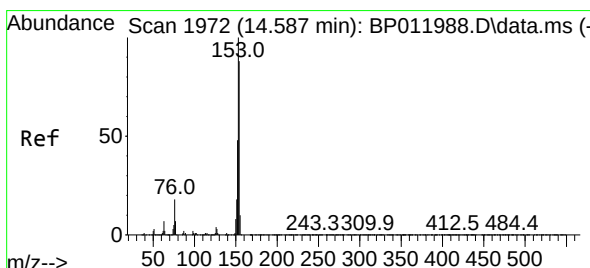
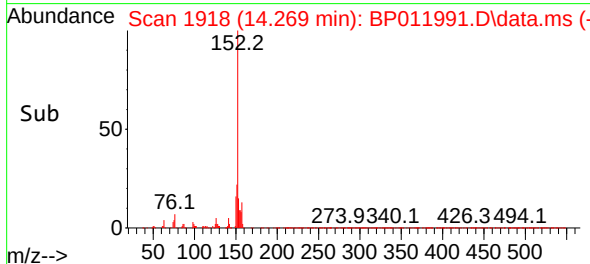
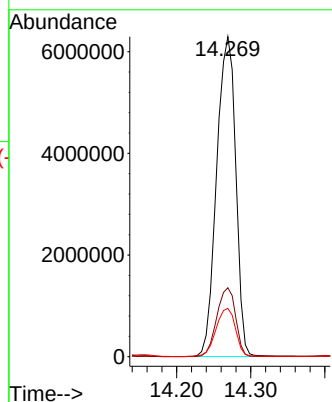
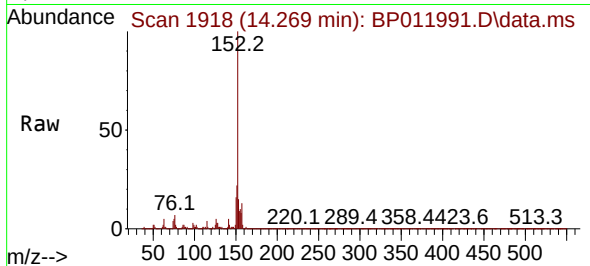
#50
Acenaphthylene
Concen: 142.495 ng/ul
RT: 14.269 min Scan# 1918
Delta R.T. 0.024 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp:11292130
Ion Ratio Lower Upper
152 100
151 21.6 16.0 24.0
153 15.1 10.8 16.2

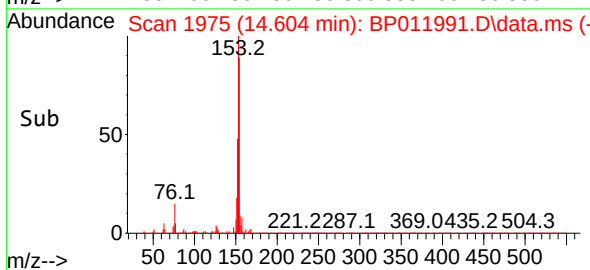
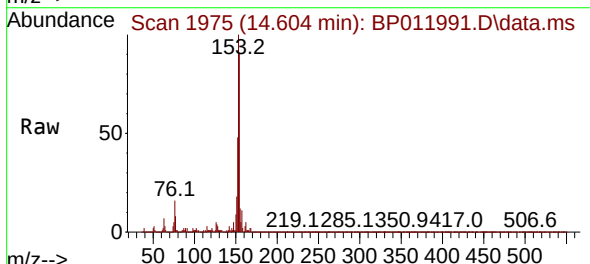
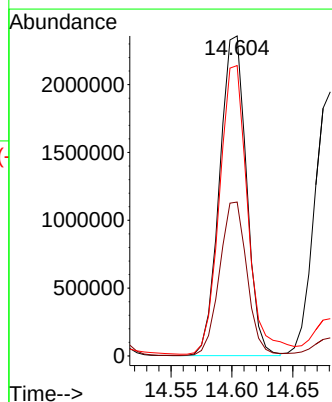
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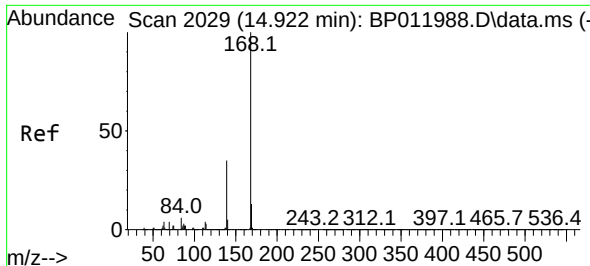
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022



#52
Acenaphthene
Concen: 64.721 ng/ul
RT: 14.604 min Scan# 1975
Delta R.T. 0.018 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

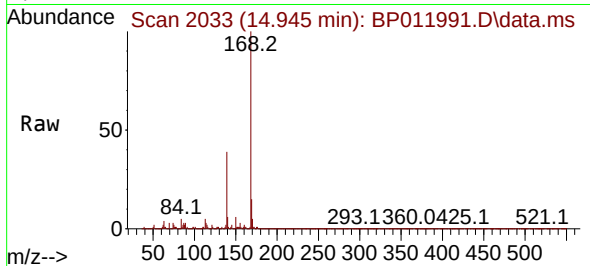
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Ion Ratio Lower Upper
153 100
152 48.1 38.4 57.6
154 90.8 70.6 105.8





#56
Dibenzenofuran
Concen: 122.284 ng/ul
RT: 14.945 min Scan# 2029
Delta R.T. 0.024 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

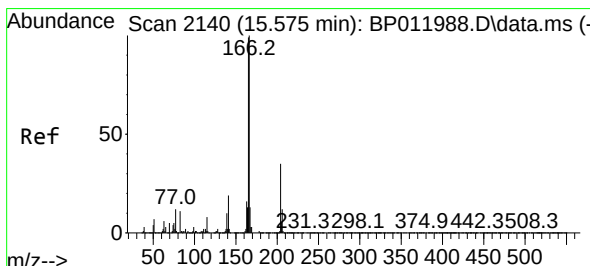
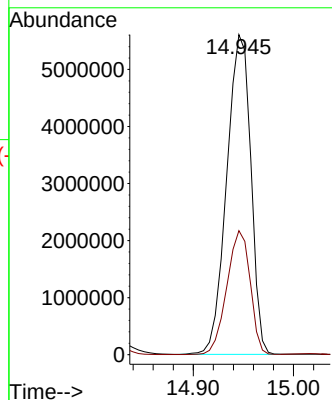
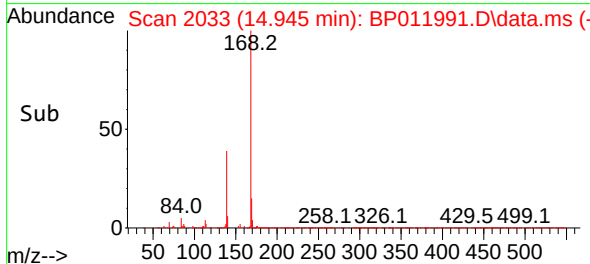
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Tgt Ion:168 Resp: 9364304
Ion Ratio Lower Upper
168 100
139 38.8 29.4 44.2

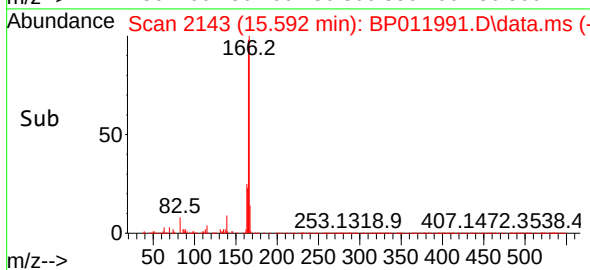
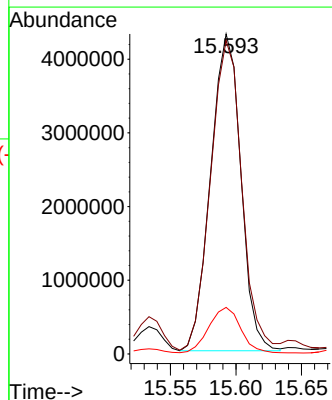
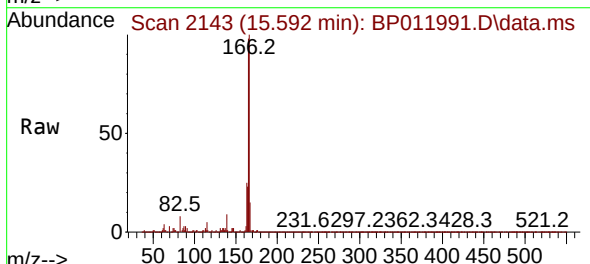
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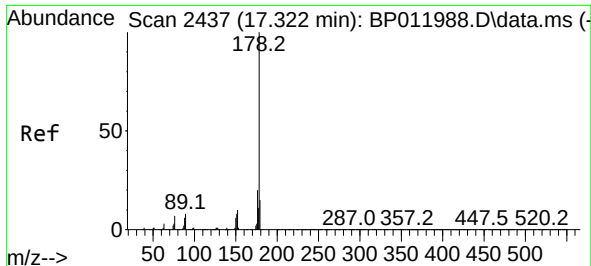
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022



#61
Fluorene
Concen: 109.709 ng/ul
RT: 15.592 min Scan# 2143
Delta R.T. 0.018 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

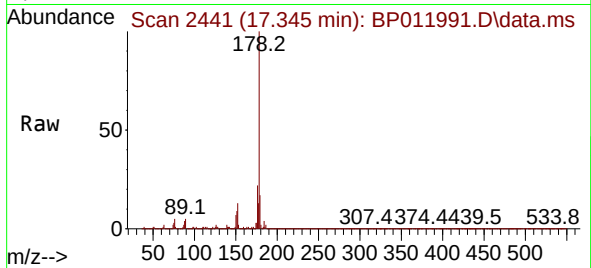
Tgt Ion:166 Resp: 6880995
Ion Ratio Lower Upper
166 100
165 98.0 77.2 115.8
167 14.6 10.7 16.1





#72
Phenanthrene
Concen: 180.534 ng/uI
RT: 17.345 min Scan# 2437
Delta R.T. 0.024 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

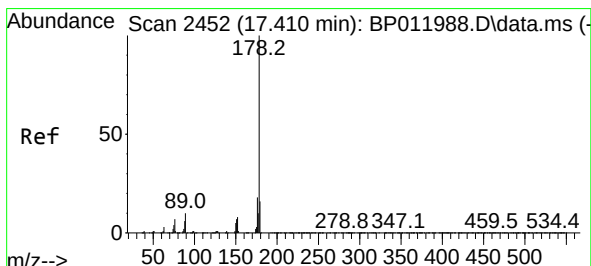
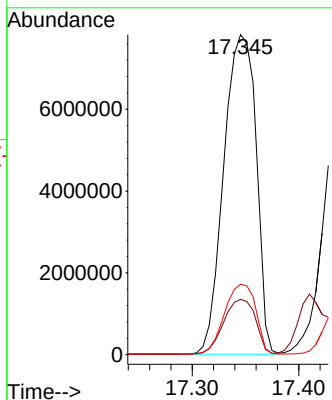
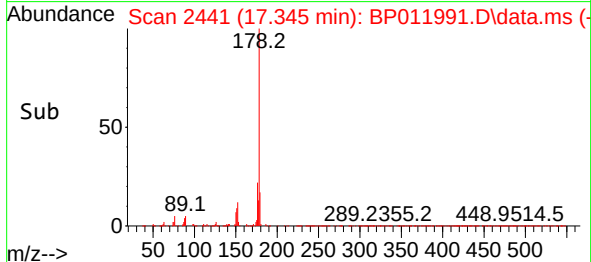
Instrument :
BNA_P
ClientSampleId :
E10007



Tgt Ion:178 Resp:1650001
Ion Ratio Lower Upper
178 100
179 17.3 12.5 18.7
176 22.0 15.4 23.2

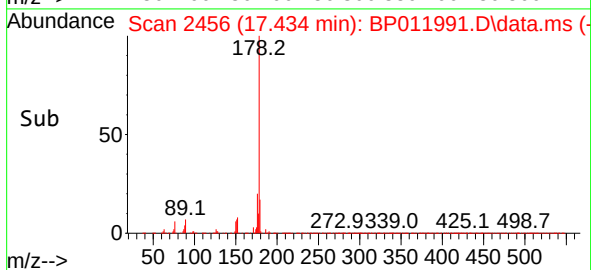
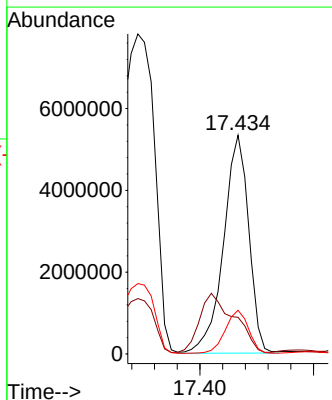
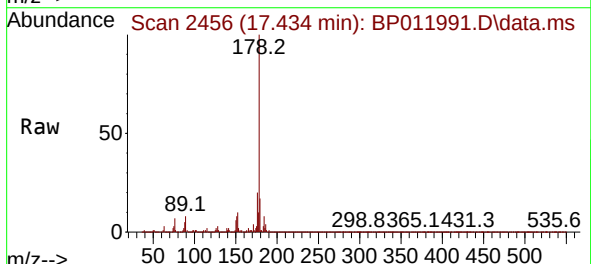
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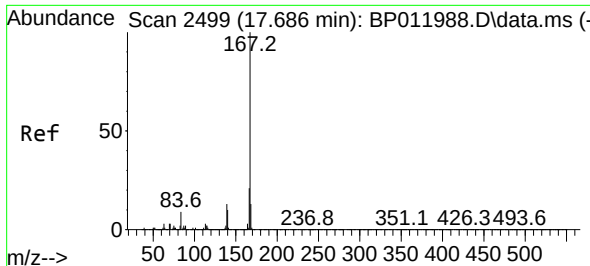
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022



#74
Anthracene
Concen: 89.427 ng/uI
RT: 17.434 min Scan# 2456
Delta R.T. 0.024 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

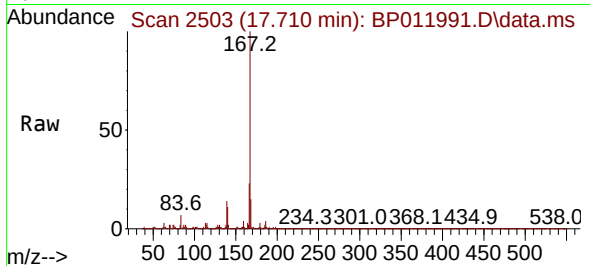
Tgt Ion:178 Resp: 8223519
Ion Ratio Lower Upper
178 100
179 16.7 12.3 18.5
176 19.9 15.4 23.2





#77
 Carbazole
 Concen: 112.371 ng/ul
 RT: 17.710 min Scan# 2499
 Delta R.T. 0.024 min
 Lab File: BP011991.D
 Acq: 07 Oct 2022 03:45

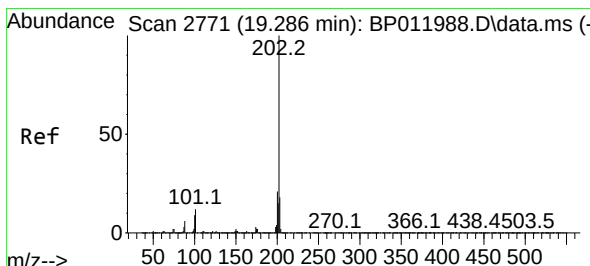
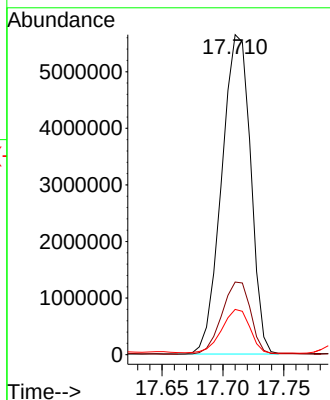
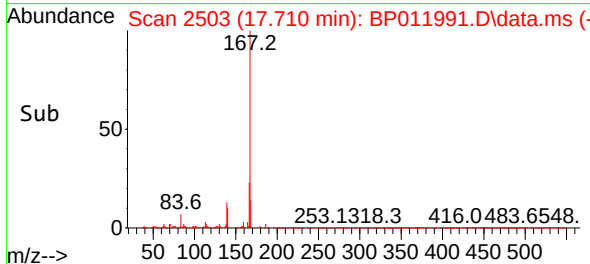
Instrument :
 BNA_P
 ClientSampleId :
 E10007



Tgt Ion:167 Resp: 933639
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.1 25.7
 139 14.2 10.1 15.1

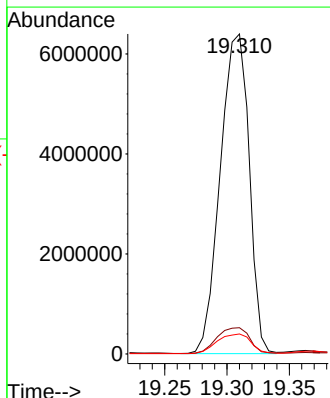
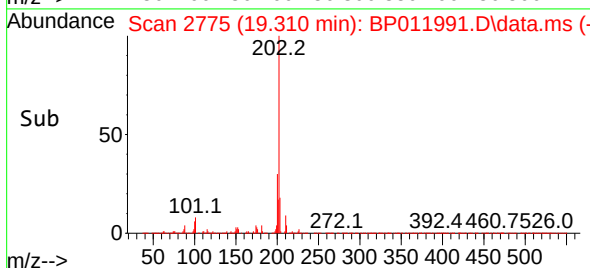
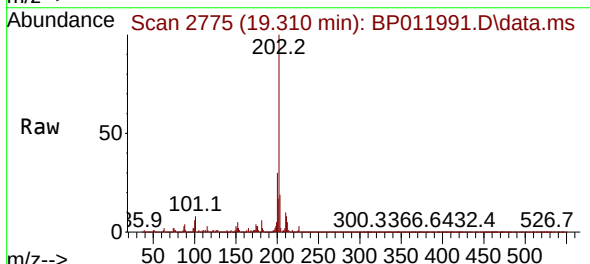
Manual Integrations
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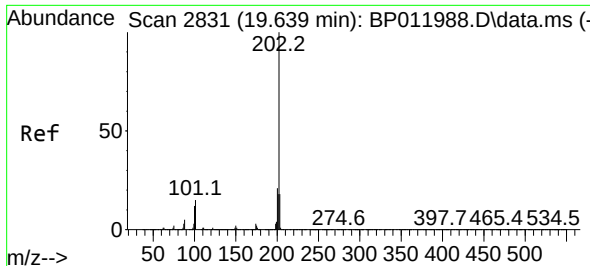
Reviewed By :Jagrut Upadhyay 10/07/2022
 Supervised By :mohammad ahmed 10/10/2022



#80
 Fluoranthene
 Concen: 96.319 ng/ul m
 RT: 19.310 min Scan# 2775
 Delta R.T. 0.024 min
 Lab File: BP011991.D
 Acq: 07 Oct 2022 03:45

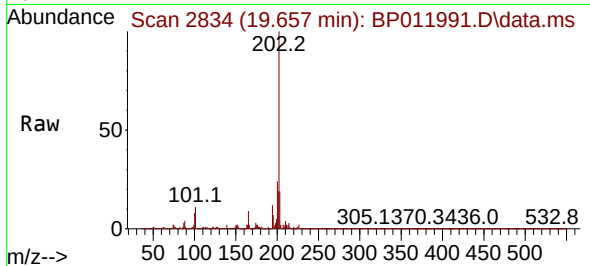
Tgt Ion:202 Resp:10334550
 Ion Ratio Lower Upper
 202 100
 101 8.2 9.8 14.6#
 100 6.2 7.4 11.0#





#82
Pyrene
Concen: 77.996 ng/ul
RT: 19.657 min Scan# 2834
Delta R.T. 0.018 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

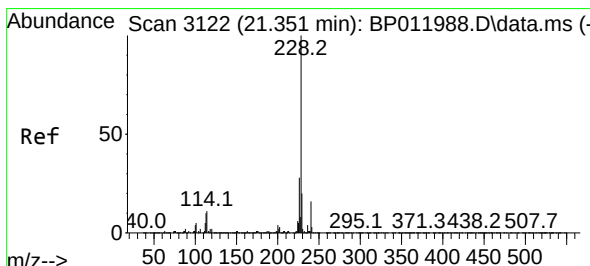
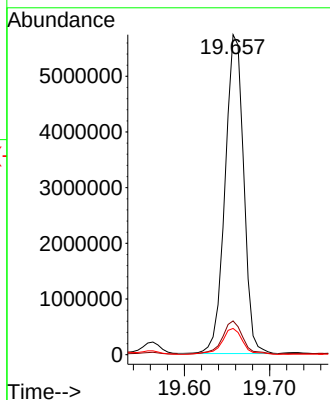
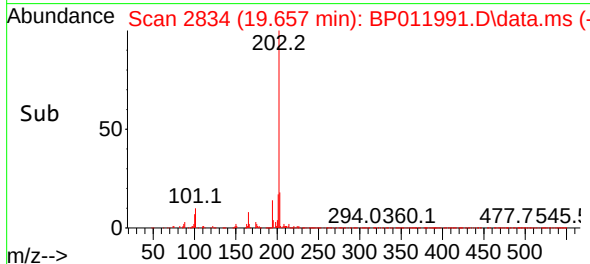
Instrument :
BNA_P
ClientSampleId :
E10007



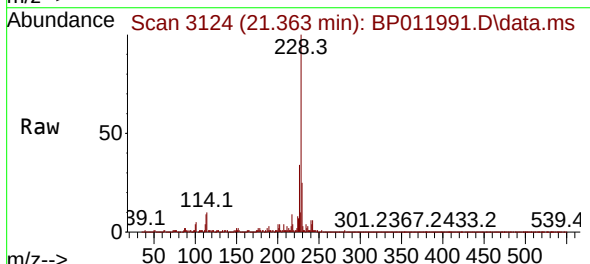
Tgt Ion:202 Resp: 871315
Ion Ratio Lower Upper
202 100
101 10.6 11.6 17.4
100 8.2 9.4 14.0

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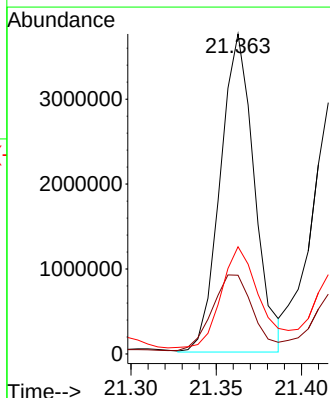
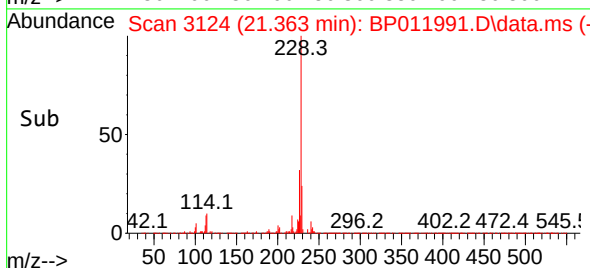
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022

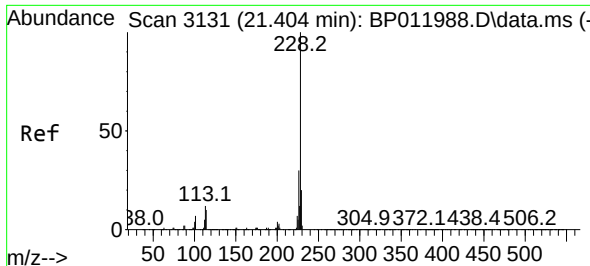


#85
Benzo(a)anthracene
Concen: 46.122 ng/ul
RT: 21.363 min Scan# 3124
Delta R.T. 0.012 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45



Tgt Ion:228 Resp: 5221438
Ion Ratio Lower Upper
228 100
229 24.6 15.8 23.6#
226 33.5 22.0 33.0#





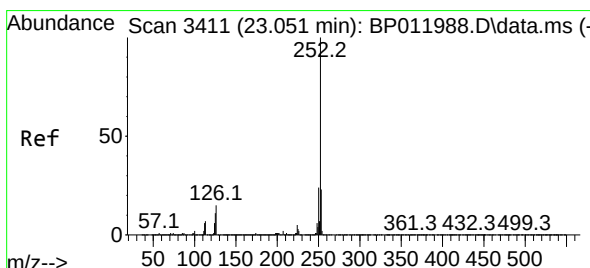
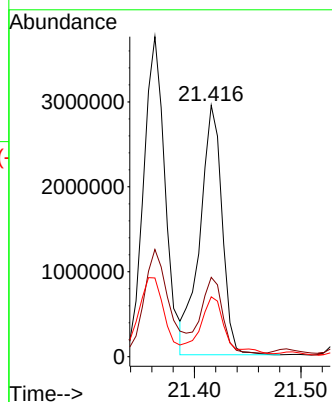
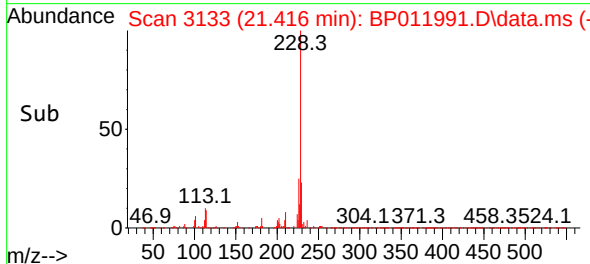
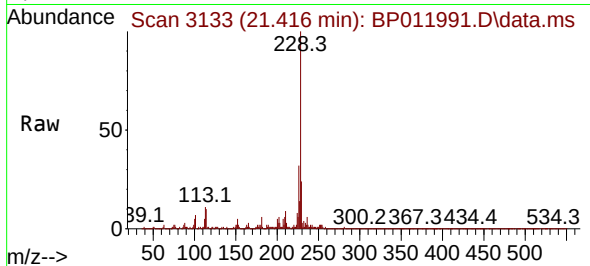
#87
Chrysene
Concen: 40.049 ng/ul
RT: 21.416 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

Instrument :
BNA_P
ClientSampleId :
E10007

Tgt Ion:228 Resp: 425493
Ion Ratio Lower Upper
228 100
226 31.6 25.3 37.9
229 23.8 16.2 24.2

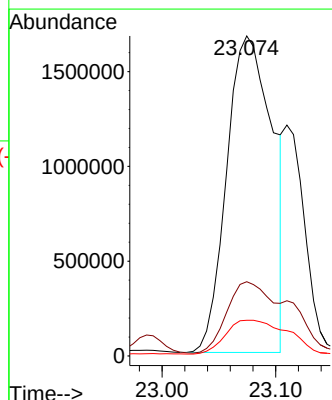
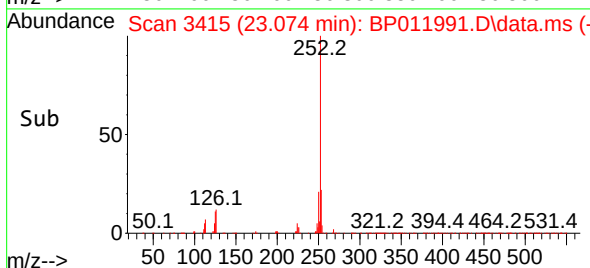
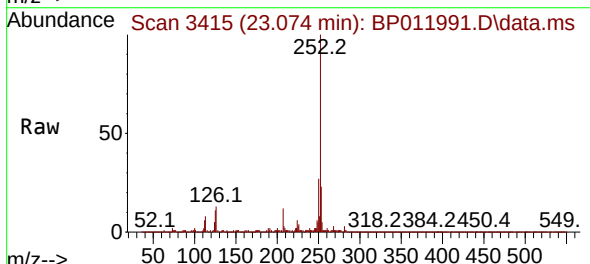
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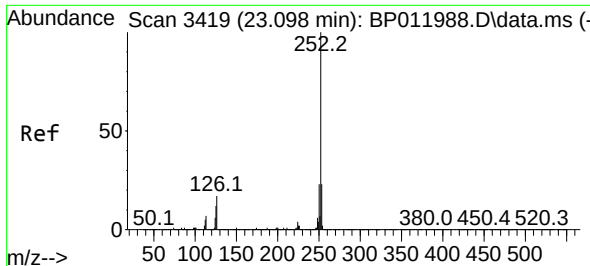
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022



#90
Benzo(b)fluoranthene
Concen: 41.443 ng/ul
RT: 23.074 min Scan# 3415
Delta R.T. 0.024 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

Tgt Ion:252 Resp: 4684261
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 11.2 9.2 13.8





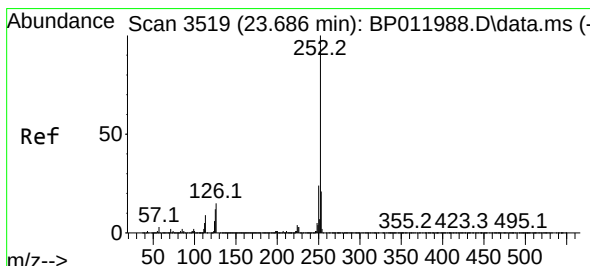
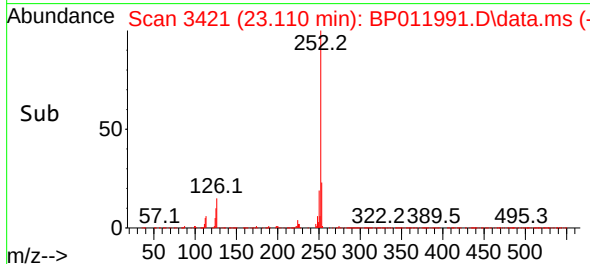
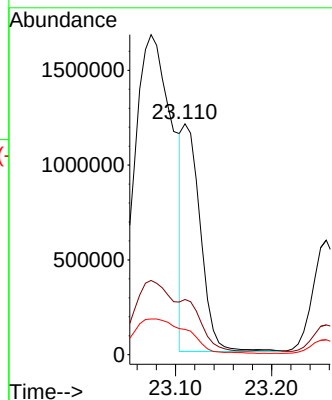
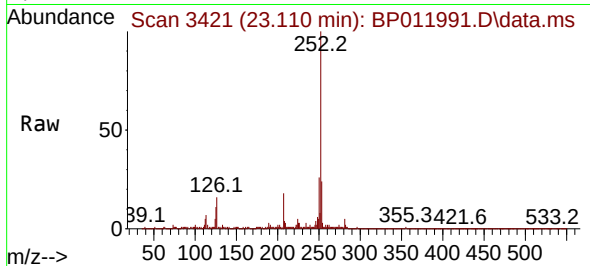
#91
Benzo(k)fluoranthene
Concen: 14.200 ng/ul m
RT: 23.110 min Scan# 3419
Delta R.T. 0.012 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

Instrument :
BNA_P
ClientSampleId :
E10007

Tgt Ion:252 Resp: 1545639
Ion Ratio Lower Upper
252 100
253 23.9 18.0 27.0
125 11.0 9.2 13.8

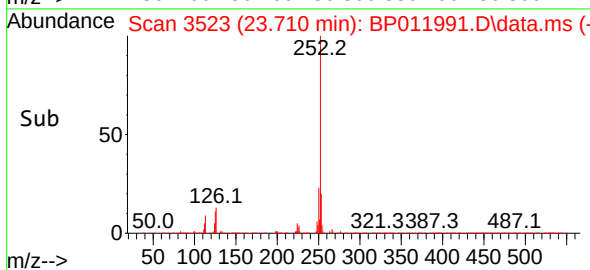
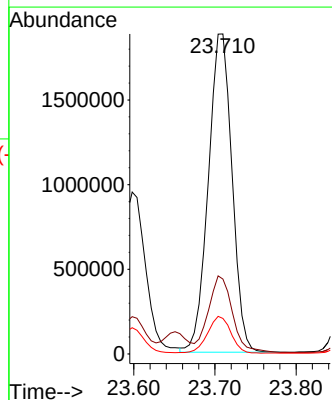
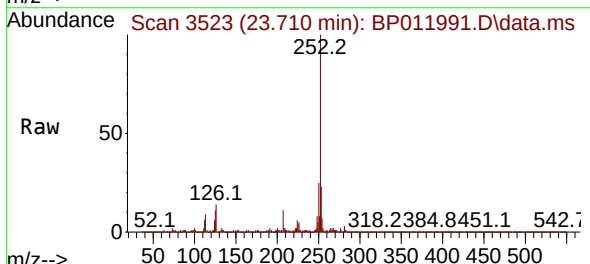
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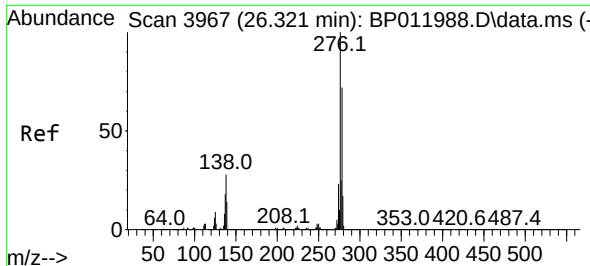
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022



#93
Benzo(a)pyrene
Concen: 37.868 ng/ul
RT: 23.710 min Scan# 3523
Delta R.T. 0.024 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

Tgt Ion:252 Resp: 3819753
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 11.1 9.8 14.8





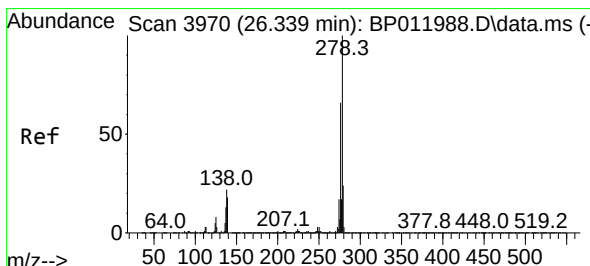
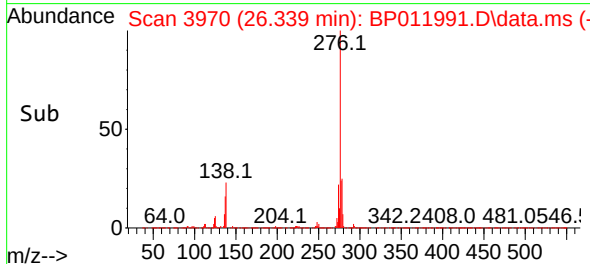
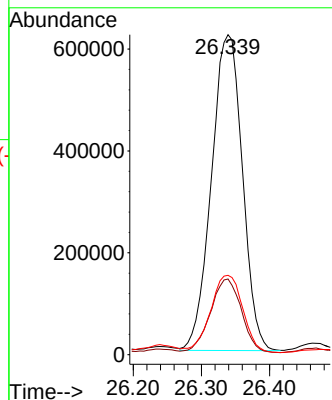
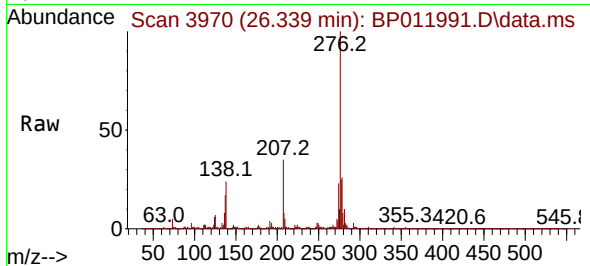
#94
Indeno(1,2,3-cd)pyrene
Concen: 15.279 ng/ul
RT: 26.339 min Scan# 3970
Delta R.T. 0.018 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

Instrument :
BNA_P
ClientSampleId :
E10007

Tgt Ion:276 Resp: 196164
Ion Ratio Lower Upper
276 100
138 23.6 21.4 32.0
277 24.8 19.9 29.9

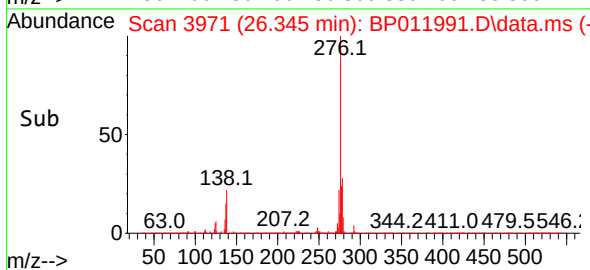
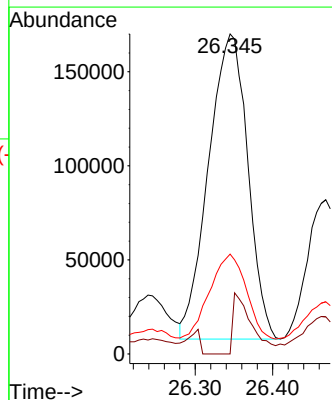
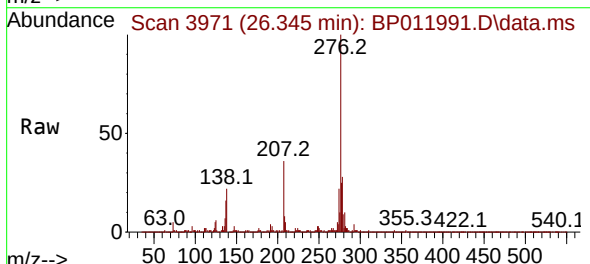
Manual Integrations
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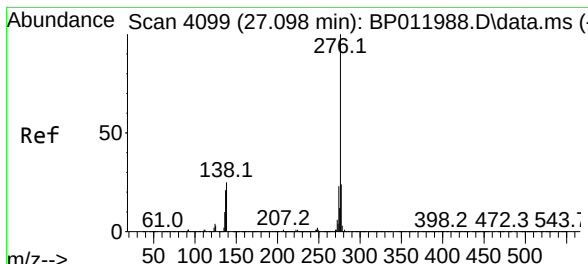
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022



#95
Dibenzo(a,h)anthracene
Concen: 5.003 ng/ul
RT: 26.345 min Scan# 3971
Delta R.T. 0.006 min
Lab File: BP011991.D
Acq: 07 Oct 2022 03:45

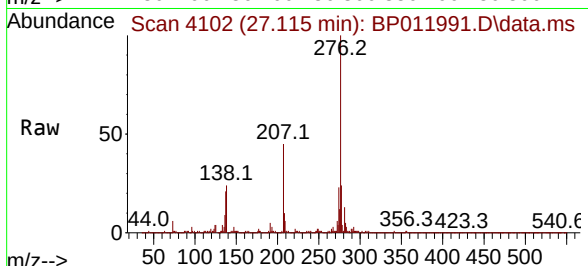
Tgt Ion:278 Resp: 570655
Ion Ratio Lower Upper
278 100
139 0.0 15.0 22.6#
279 31.2 19.0 28.6#





#96
 Benzo(g,h,i)perylene
 Concen: 14.877 ng/ul
 RT: 27.115 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: BP011991.D
 Acq: 07 Oct 2022 03:45

Instrument :
 BNA_P
 ClientSampleId :
 E10007



Tgt Ion: 276 Resp: 1693329
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.8 29.6
 277 24.4 18.6 27.8

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

