

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010062.D
 Acq On : 22 Apr 2022 19:26
 Operator : CG/JU
 Sample : N2373-08DL 5X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFE0DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/25/2022
 Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 22 23:30:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	175015	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	825831	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	582866	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	1228055	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.404	240	1143107	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	987486	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	2531	0.631	ng/uL	0.00
4) Pyridine-d5	3.805	84	22381m	1.982	ng/u1	0.02
7) Phenol-d5	7.099	99	60157	3.779	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	39818	4.168	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	49192	4.172	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	50662	3.841	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	24704	3.761	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	27028	3.768	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	53572	3.836	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	21949	1.096	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	193994	4.279	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	217352	3.961	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	21037m	2.520	ng/u1	0.00
60) Fluorene-d10	15.563	176	176352	4.522	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.422	188	277393	4.669	ng/u1	0.00
81) Pyrene-d10	19.651	212	342170	5.263	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	242477	4.684	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.363	178	586307	8.784	ng/u1	98
77) Carbazole	17.722	167	70272	1.181	ng/u1#	95
80) Fluoranthene	19.328	202	1609327	21.948	ng/u1	96
82) Pyrene	19.681	202	1314913	17.406	ng/u1#	93
85) Benzo(a)anthracene	21.392	228	539273	7.434	ng/u1	97
87) Chrysene	21.445	228	737561	10.325	ng/u1	97
90) Benzo(b)fluoranthene	23.116	252	926511	13.956	ng/u1	99
91) Benzo(k)fluoranthene	23.157	252	285878m	4.546	ng/u1	
93) Benzo(a)pyrene	23.751	252	492078	8.016	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	377926	6.188	ng/u1#	95
95) Dibenzo(a,h)anthracene	26.433	278	87200m	1.669	ng/u1	
96) Benzo(g,h,i)perylene	27.210	276	338911	6.577	ng/u1#	90

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

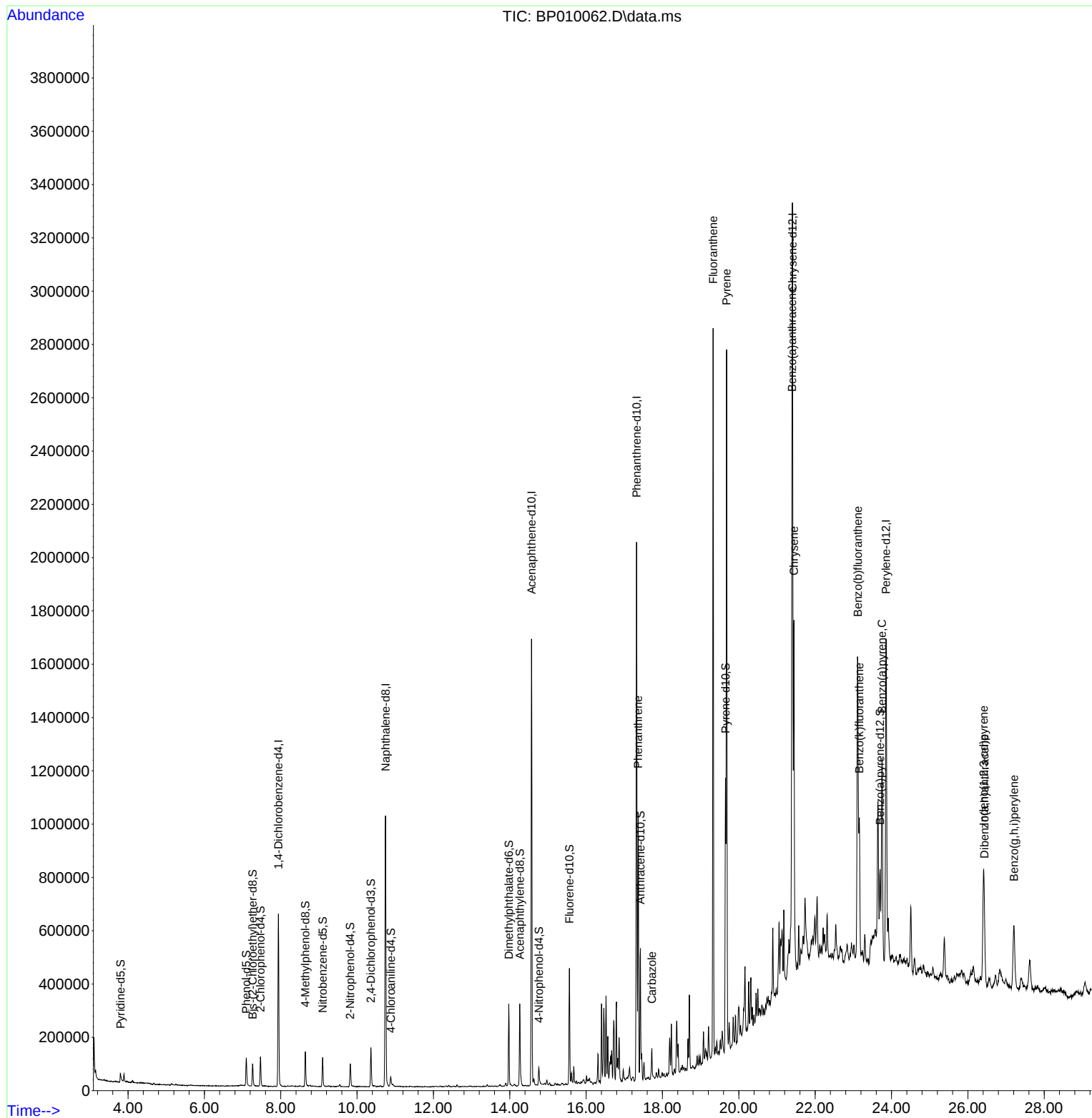
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
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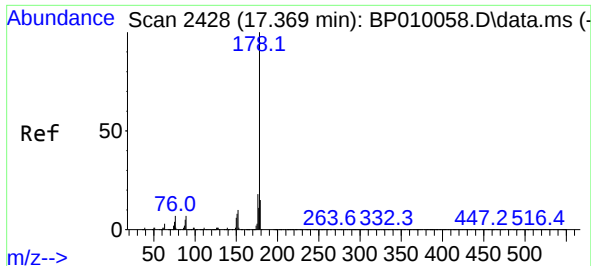
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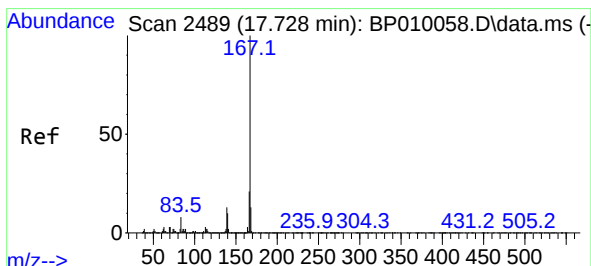
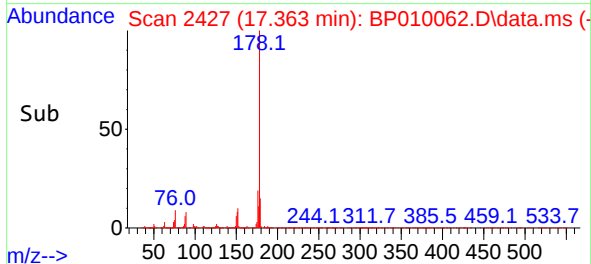
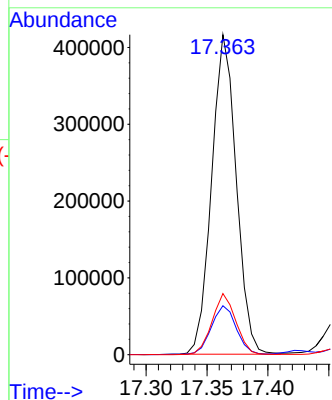
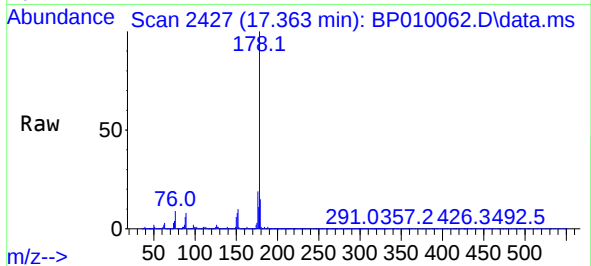
#72
Phenanthrene
Concen: 8.784 ng/u1
RT: 17.363 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP010062.D
Acq: 22 Apr 2022 19:26

Instrument :
BNA_P
ClientSampleId :
BFFE0DL

Tgt Ion:178 Resp: 58630
Ion Ratio Lower Upper
178 100
179 15.3 11.7 17.5
176 19.1 14.5 21.7

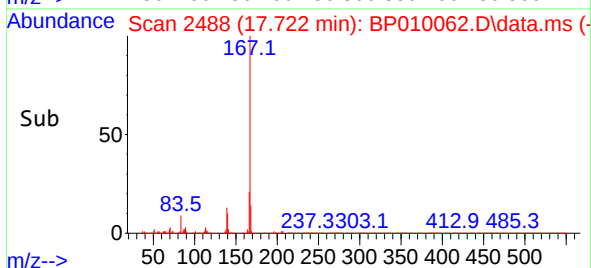
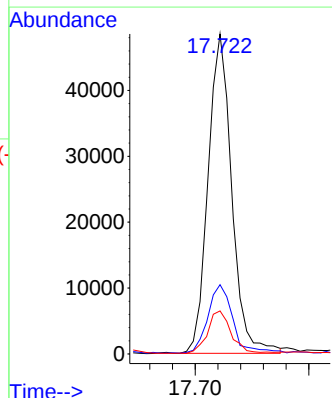
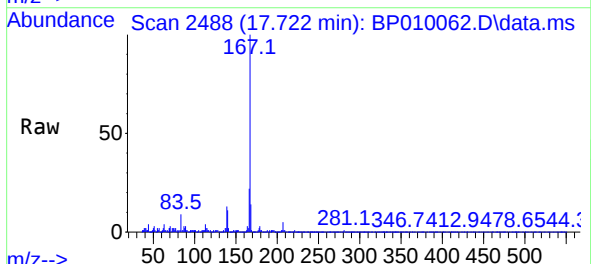
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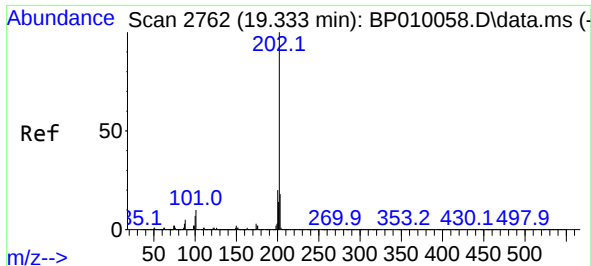
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#77
Carbazole
Concen: 1.181 ng/u1
RT: 17.722 min Scan# 2488
Delta R.T. -0.000 min
Lab File: BP010062.D
Acq: 22 Apr 2022 19:26

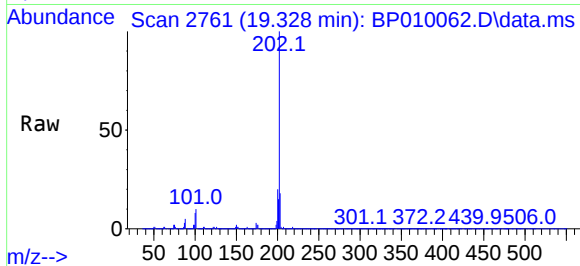
Tgt Ion:167 Resp: 70272
Ion Ratio Lower Upper
167 100
166 21.6 15.8 23.8
139 13.4 8.3 12.5





#80
Fluoranthene
Concen: 21.948 ng/u1
RT: 19.328 min Scan# 21
Delta R.T. 0.001 min
Lab File: BP010062.D
Acq: 22 Apr 2022 19:26

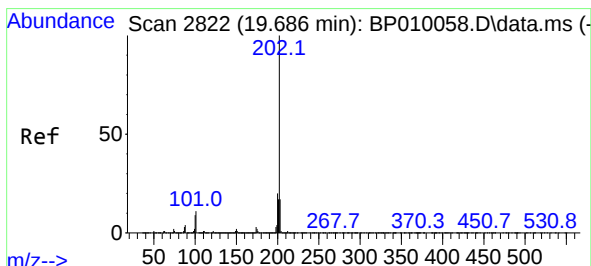
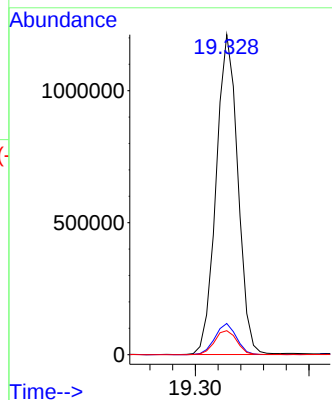
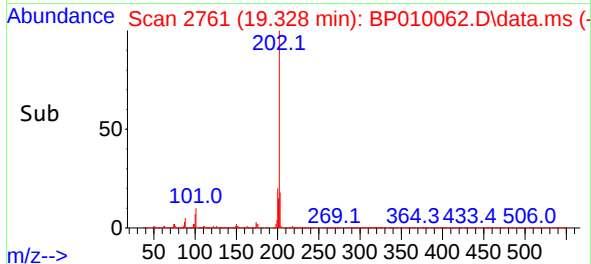
Instrument :
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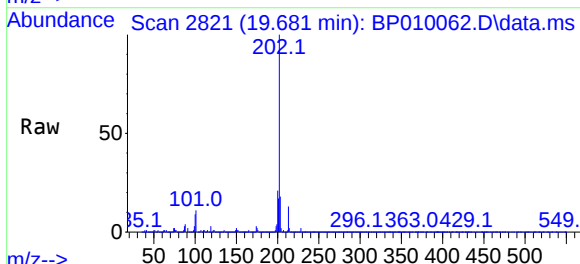
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Ion Ratio Lower Upper
202 100
101 9.7 9.6 14.4
100 7.5 6.3 9.5

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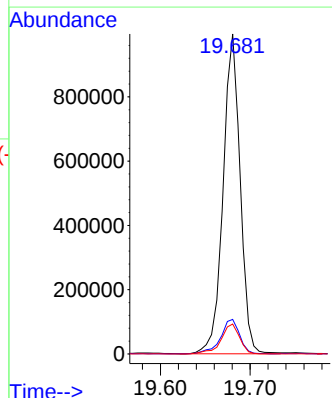
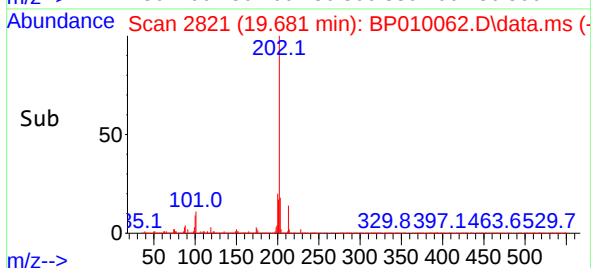
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

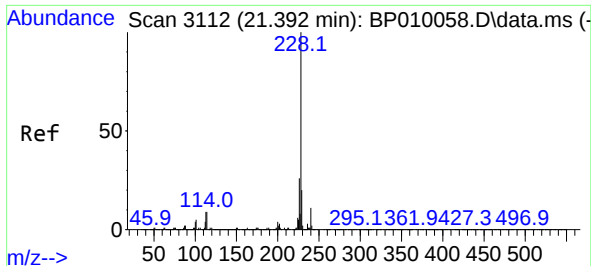


#82
Pyrene
Concen: 17.406 ng/u1
RT: 19.681 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BP010062.D
Acq: 22 Apr 2022 19:26



Tgt Ion:202 Resp: 1314913
Ion Ratio Lower Upper
202 100
101 10.8 10.6 15.8
100 9.4 9.8 14.6#





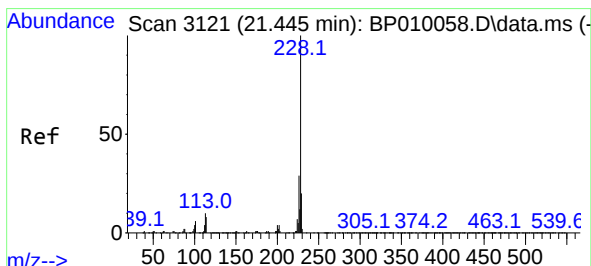
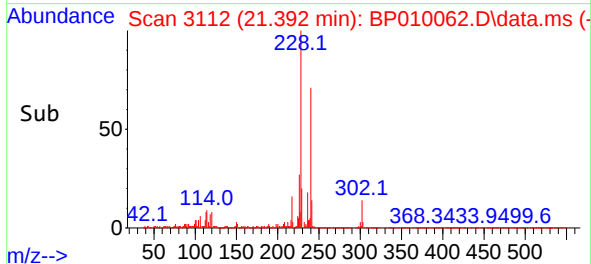
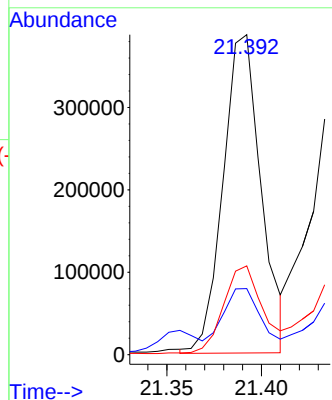
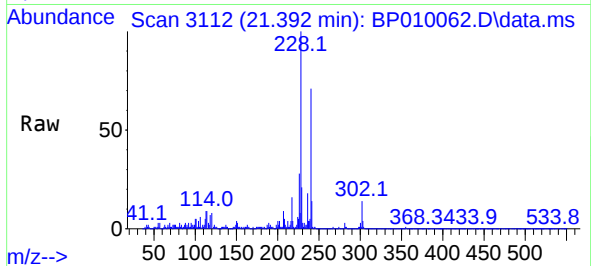
#85
Benzo(a)anthracene
Concen: 7.434 ng/u1
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP010062.D
Acq: 22 Apr 2022 19:26

Instrument :
BNA_P
ClientSampleId :
BFFE0DL

Tgt Ion:228 Resp: 53927
Ion Ratio Lower Upper
228 100
229 20.7 18.2 27.2
226 27.7 22.8 34.2

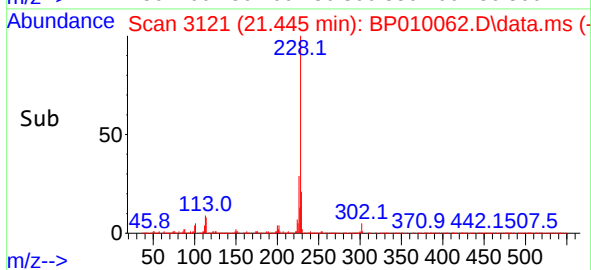
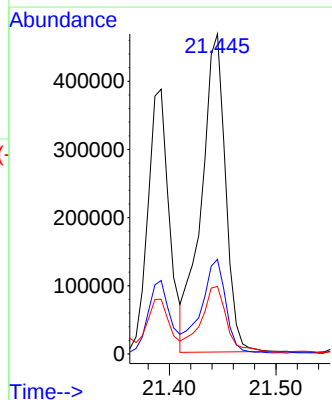
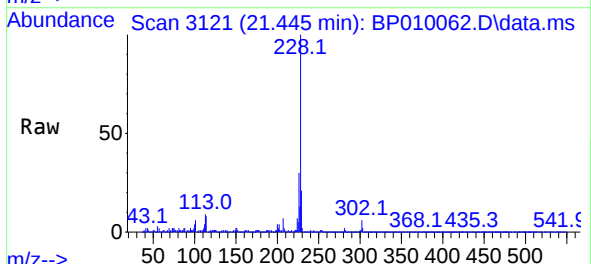
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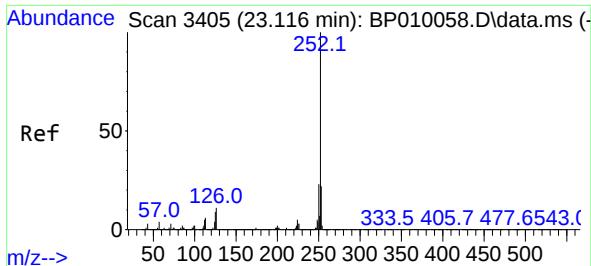
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#87
Chrysene
Concen: 10.325 ng/u1
RT: 21.445 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP010062.D
Acq: 22 Apr 2022 19:26

Tgt Ion:228 Resp: 737561
Ion Ratio Lower Upper
228 100
226 29.6 22.7 34.1
229 21.1 15.2 22.8





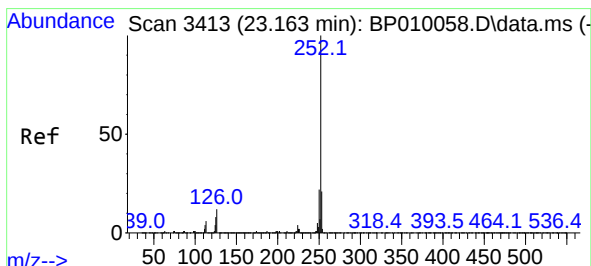
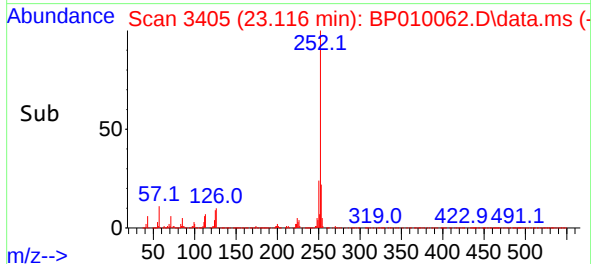
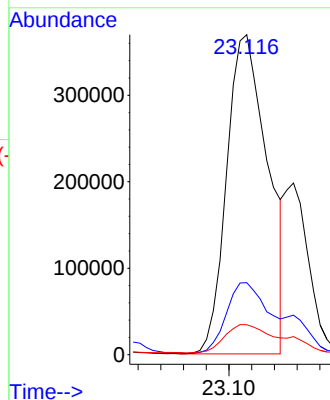
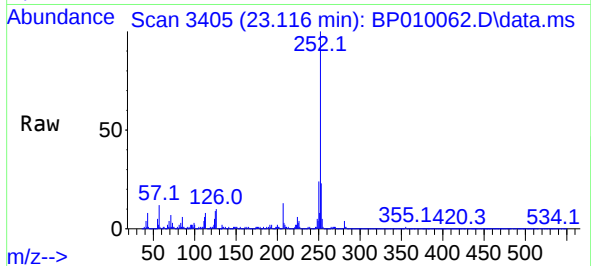
#90
Benzo(b)fluoranthene
Concen: 13.956 ng/ul
RT: 23.116 min Scan# 3405
Delta R.T. 0.006 min
Lab File: BP010062.D
Acq: 22 Apr 2022 19:26

Instrument :
BNA_P
ClientSampleId :
BFFE0DL

Tgt Ion:252 Resp: 92651
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 9.3 7.3 10.9

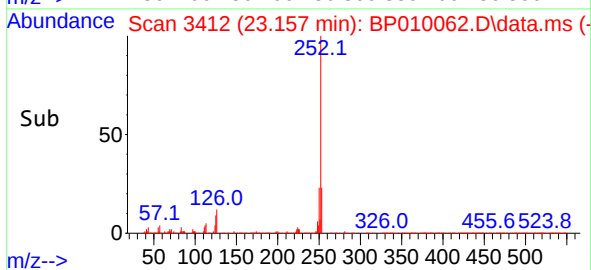
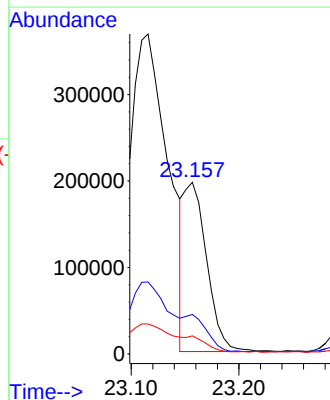
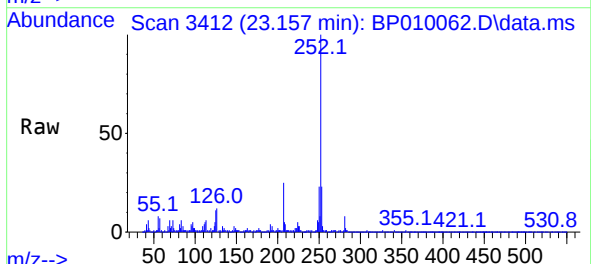
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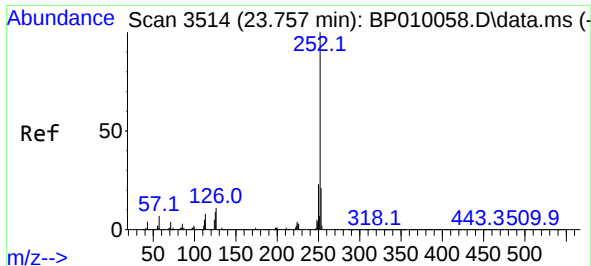
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#91
Benzo(k)fluoranthene
Concen: 4.546 ng/ul m
RT: 23.157 min Scan# 3412
Delta R.T. 0.000 min
Lab File: BP010062.D
Acq: 22 Apr 2022 19:26

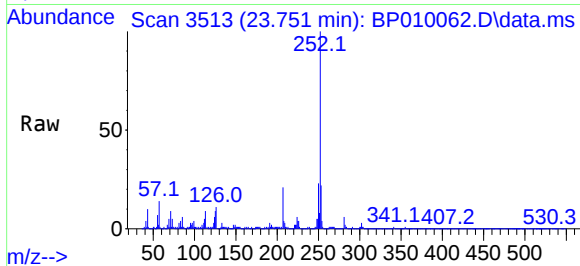
Tgt Ion:252 Resp: 285878
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 10.6 5.1 7.7#





#93
Benzo(a)pyrene
Concen: 8.016 ng/u1
RT: 23.751 min Scan# 3513
Delta R.T. 0.000 min
Lab File: BP010062.D
Acq: 22 Apr 2022 19:26

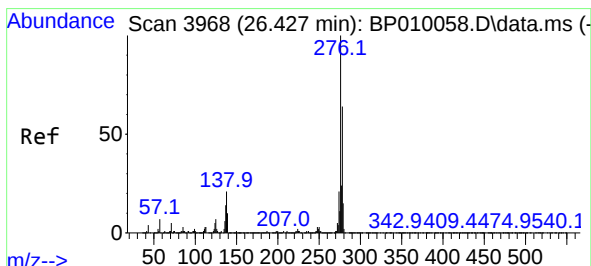
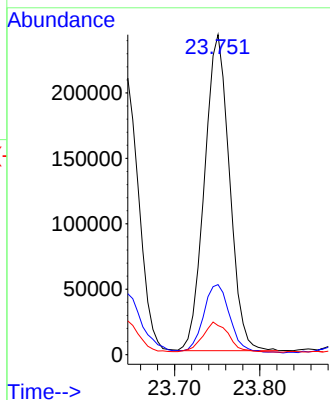
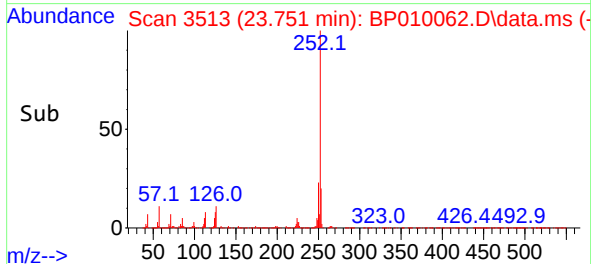
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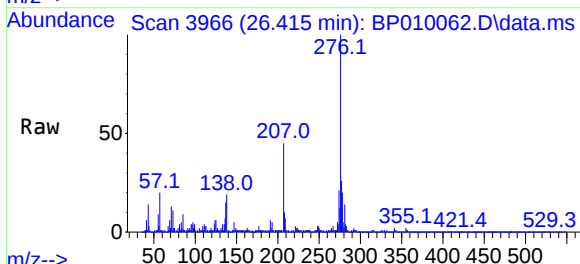
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Ion Ratio Lower Upper
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253 21.9 17.5 26.3
125 9.1 6.4 9.6

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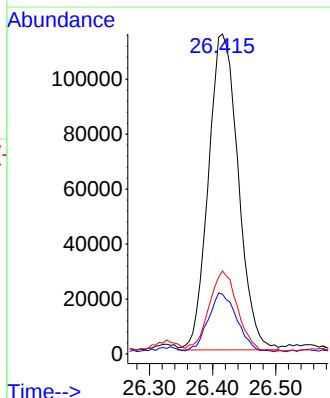
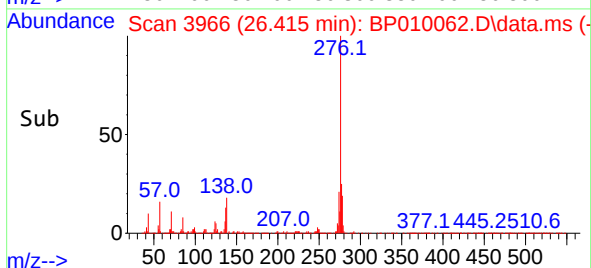
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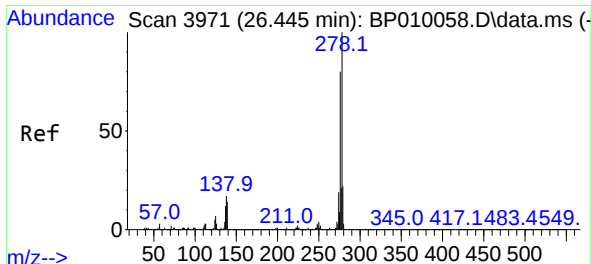


#94
Indeno(1,2,3-cd)pyrene
Concen: 6.188 ng/u1
RT: 26.415 min Scan# 3966
Delta R.T. -0.012 min
Lab File: BP010062.D
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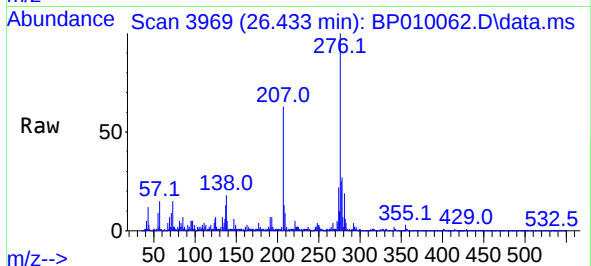
Tgt Ion:276 Resp: 377926
Ion Ratio Lower Upper
276 100
138 18.7 12.3 18.5#
277 25.9 19.3 28.9





#95
Dibenzo(a,h)anthracene
Concen: 1.669 ng/ul m
RT: 26.433 min Scan# 3969
Delta R.T. -0.006 min
Lab File: BP010062.D
Acq: 22 Apr 2022 19:26

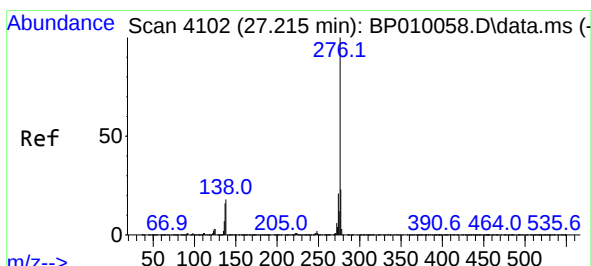
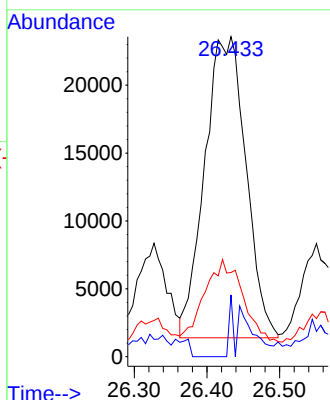
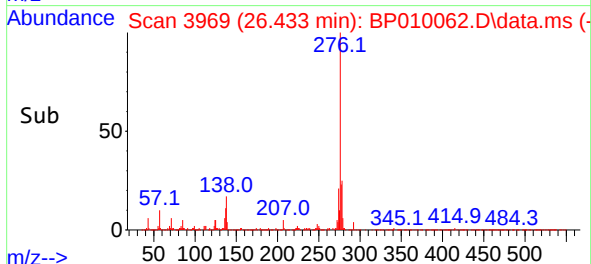
Instrument :
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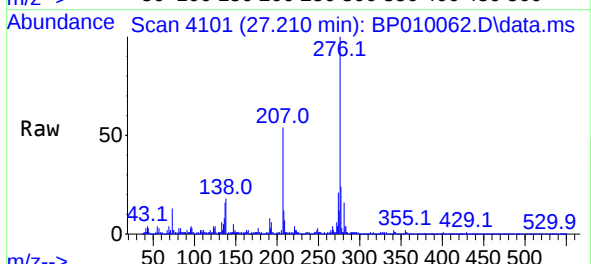
Tgt Ion:278 Resp: 87200
Ion Ratio Lower Upper
278 100
139 19.3 6.6 10.0#
279 26.3 18.4 27.6

Manual Integrations
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Supervised By :mohammad ahmed 04/26/2022



#96
Benzo(g,h,i)perylene
Concen: 6.577 ng/ul
RT: 27.210 min Scan# 4101
Delta R.T. 0.000 min
Lab File: BP010062.D
Acq: 22 Apr 2022 19:26



Tgt Ion:276 Resp: 338911
Ion Ratio Lower Upper
276 100
138 18.5 11.6 17.4#
277 24.4 15.9 23.9#

