

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020758.D
 Acq On : 02 Jul 2024 20:07
 Operator : MA/JU
 Sample : P2963-13
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CR7

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Jul 02 22:53:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	209415	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.505	136	807657	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.369	164	457379	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	817334	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	755736	20.000	ng/u1	0.00
88) Perylene-d12	24.986	264	942362	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	21555	4.420	ng/uL	0.00
4) Pyridine-d5	3.699	84	17299m	1.217	ng/u1	0.01
7) Phenol-d5	6.922	99	515879	30.035	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	319228	29.317	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.281	132	436509	31.096	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	426011	30.539	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	207899	34.865	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	236099	39.566	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	414528	33.724	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.652	131	140905	8.180	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	1155502	36.335	ng/u1	-0.01
49) Acenaphthylene-d8	14.057	160	1317495	34.720	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	143191	29.470	ng/u1	0.00
60) Fluorene-d10	15.381	176	932755	34.856	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	117124	28.436	ng/u1	0.01
73) Anthracene-d10	17.287	188	1336961	36.447	ng/u1	0.00
81) Pyrene-d10	19.663	212	1323075	29.142	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.751	264	1131567	24.685	ng/u1	-0.01
Target Compounds						
16) Acetophenone	8.558	105	34289	1.539	ng/u1	99
30) Naphthalene	10.552	128	93940	2.173	ng/u1	100
36) 2-Methylnaphthalene	12.169	142	58451	2.018	ng/u1	98
37) 1-Methylnaphthalene	12.381	142	57154	1.931	ng/u1	95
50) Acenaphthylene	14.087	152	63844	1.489	ng/u1	94
52) Acenaphthene	14.434	153	127932	4.499	ng/u1	99
56) Dibenzofuran	14.775	168	112437	2.935	ng/u1	98
61) Fluorene	15.440	166	158131	5.137	ng/u1	100
72) Phenanthrene	17.228	178	2274258	53.137	ng/u1	100
74) Anthracene	17.322	178	427525	9.711	ng/u1	99
77) Carbazole	17.604	167	102463	2.820	ng/u1	95
80) Fluoranthene	19.310	202	2203707	39.736	ng/u1	99
82) Pyrene	19.692	202	1909360	33.570	ng/u1	97
85) Benzo(a)anthracene	21.610	228	1114596	21.042	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.551	149	48729	1.486	ng/u1#	97
87) Chrysene	21.680	228	1164222	23.252	ng/u1	98
90) Benzo(b)fluoranthene	23.927	252	1281311	22.444	ng/u1	97
91) Benzo(k)fluoranthene	23.986	252	319789	5.538	ng/u1	95
93) Benzo(a)pyrene	24.833	252	508567	9.437	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.780	276	420815	6.088	ng/u1	96
95) Dibenzo(a,h)anthracene	28.845	278	166876m	2.937	ng/u1	

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

Instrument :
BNA_P
ClientSampleId :
A4CR7

Manual Integrations
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Upadhyay

07/03/2024
Supervised By :mohammad
ahmed

07/04/2024

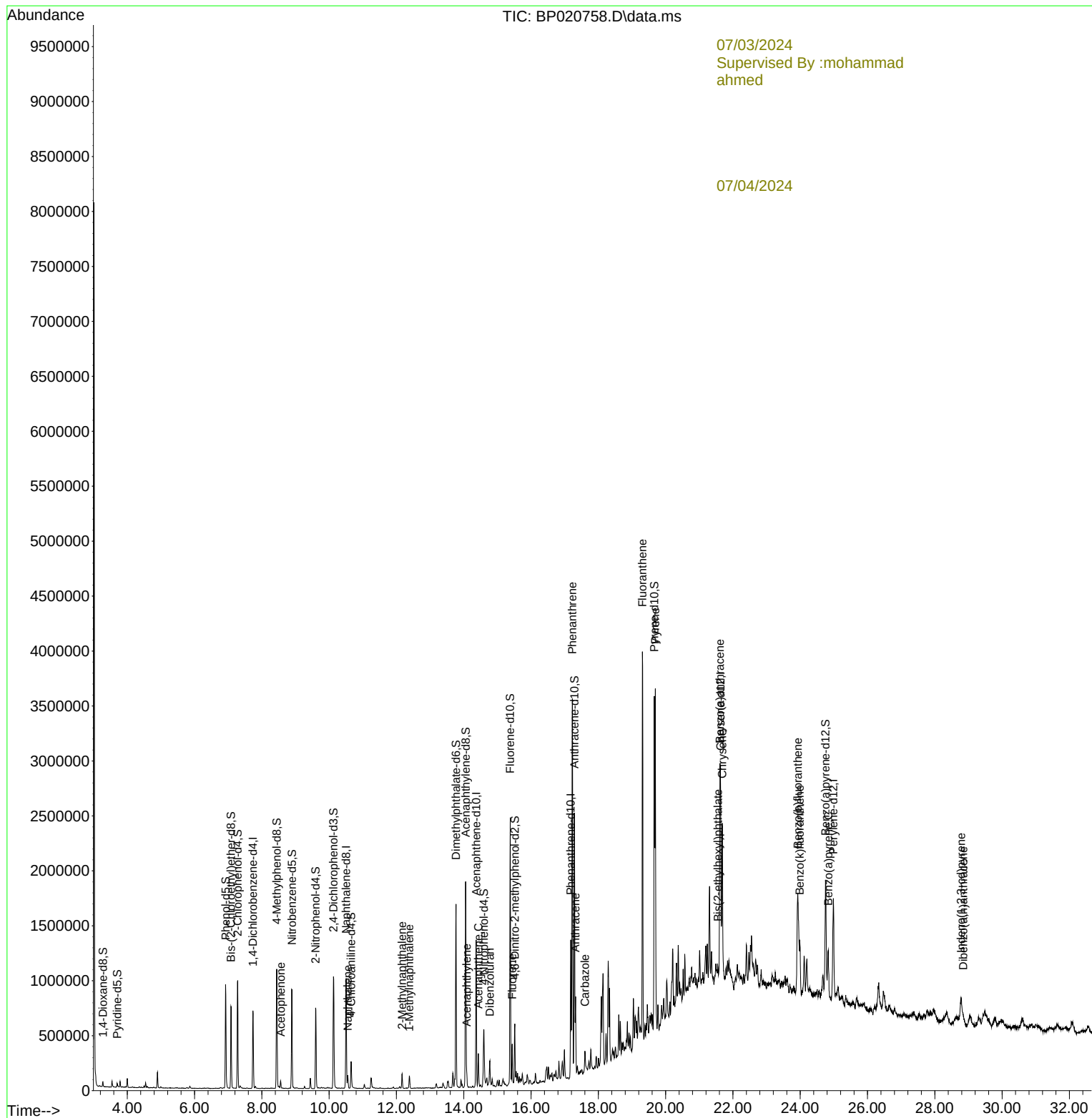
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020758.D
Acq On : 02 Jul 2024 20:07
Operator : MA/JU
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ALS Vial : 48 Sample Multiplier: 1

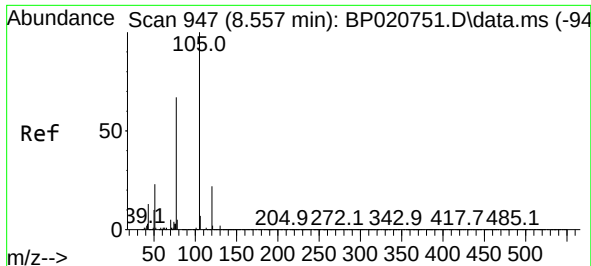
Instrument :
BNA_P
ClientSampleId :
A4CR7

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





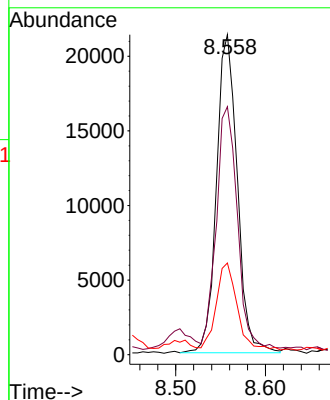
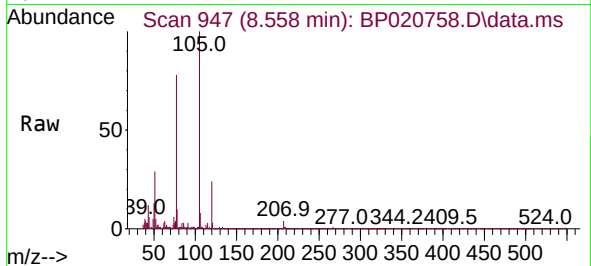
#16
Acetophenone
Concen: 1.539 ng/ul
RT: 8.558 min Scan# 947
Delta R.T. -0.006 min
Lab File: BP020758.D
Acq: 02 Jul 2024 20:07

Instrument :
BNA_P
ClientSampleId :
A4CR7

Tgt Ion:	105	Resp:	34289
Ion Ratio	Lower	Upper	
105	100		
77	77.5	62.2	93.4
51	28.6	23.6	35.4

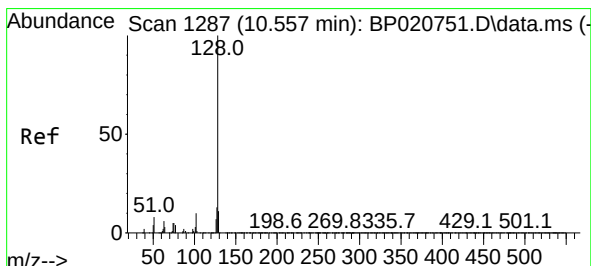
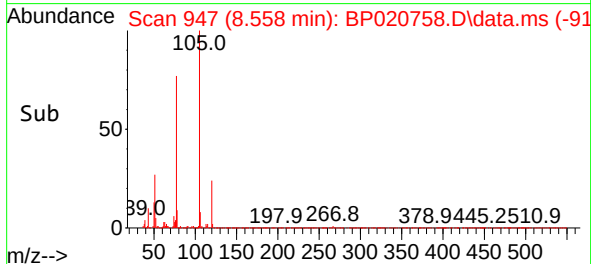
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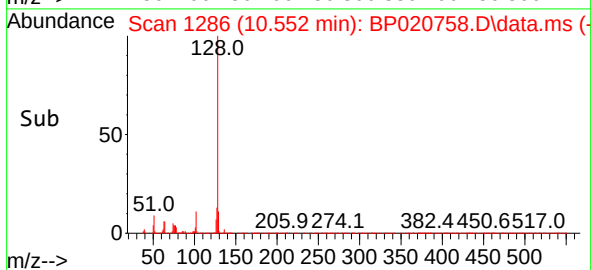
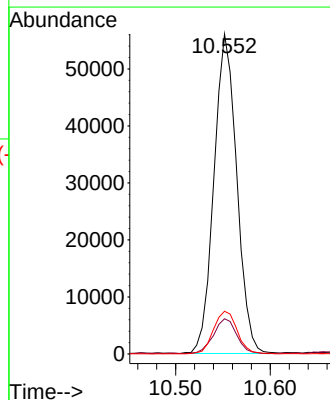
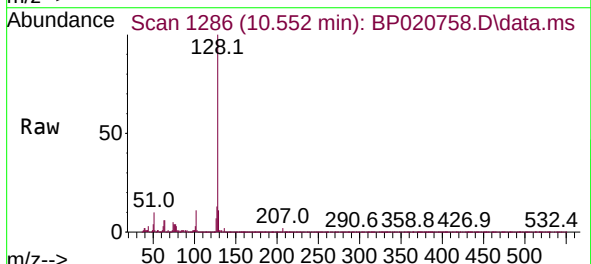
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ahmed

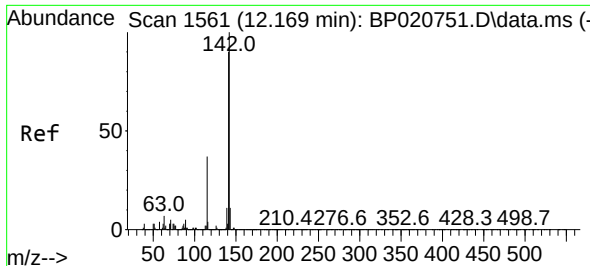
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#30
Naphthalene
Concen: 2.173 ng/ul
RT: 10.552 min Scan# 1286
Delta R.T. -0.018 min
Lab File: BP020758.D
Acq: 02 Jul 2024 20:07

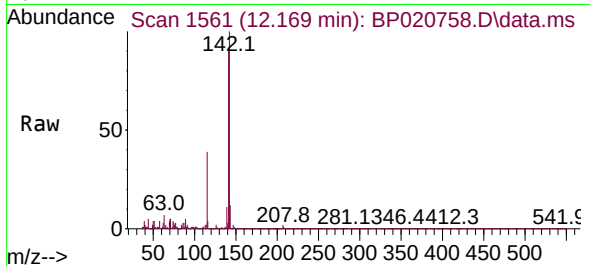
Tgt Ion:	128	Resp:	93940
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.7	13.1
127	13.4	10.6	15.8





#36
2-Methylnaphthalene
Concen: 2.018 ng/ul
RT: 12.169 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BP020758.D
Acq: 02 Jul 2024 20:07

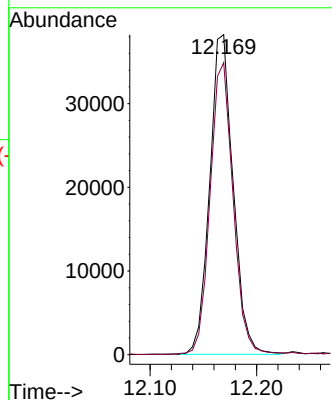
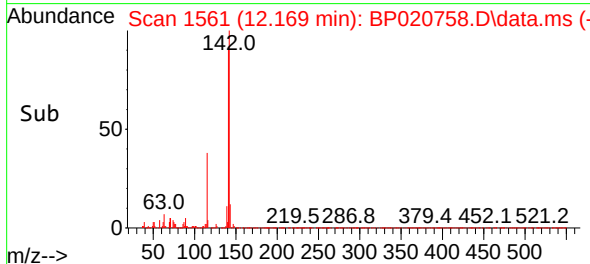
Instrument :
BNA_P
ClientSampleId :
A4CR7



Tgt Ion:142 Resp: 5845
Ion Ratio Lower Upper
142 100
141 91.2 71.1 106.7

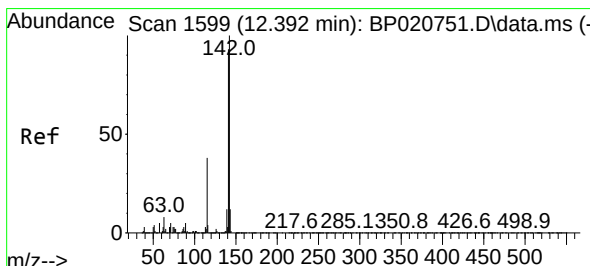
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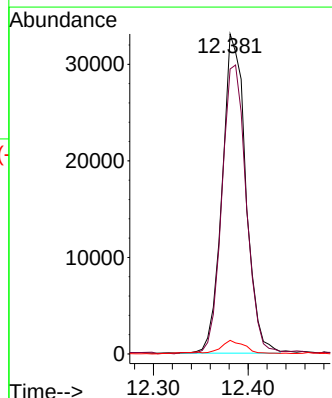
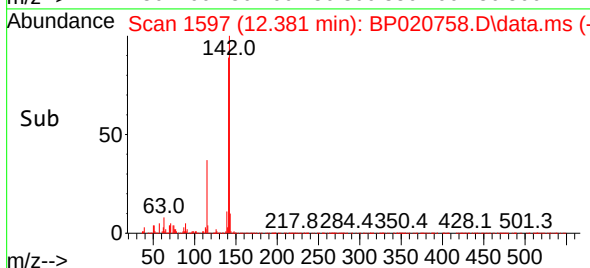
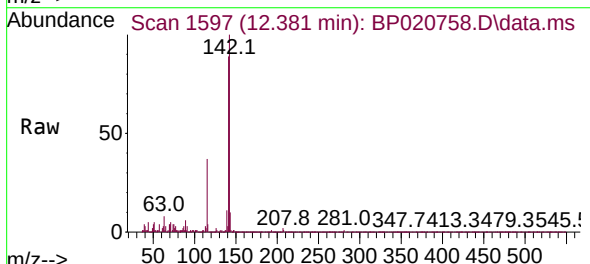
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Supervised By :mohammad
ahmed

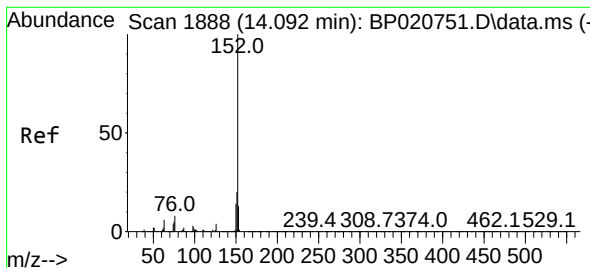
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#37
1-Methylnaphthalene
Concen: 1.931 ng/ul
RT: 12.381 min Scan# 1597
Delta R.T. -0.023 min
Lab File: BP020758.D
Acq: 02 Jul 2024 20:07

Tgt Ion:142 Resp: 57154
Ion Ratio Lower Upper
142 100
141 89.0 74.9 112.3
116 4.3 3.3 4.9





#50

Acenaphthylene

Concen: 1.489 ng/ul

RT: 14.087 min Scan# 1888

Delta R.T. -0.006 min

Lab File: BP020758.D

Acq: 02 Jul 2024 20:07

Instrument :

BNA_P

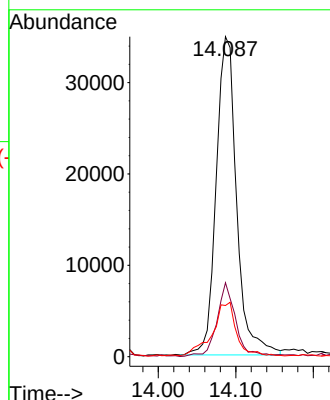
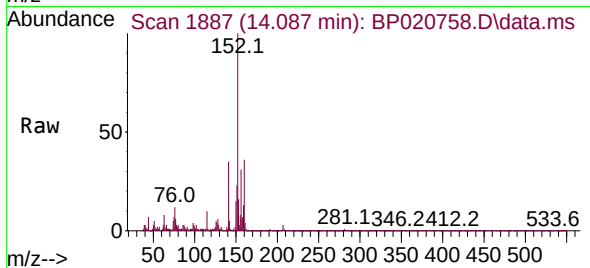
ClientSampleId :

A4CR7

Tgt Ion:152	Resp: 6384
Ion Ratio	Lower Upper
152 100	
151 23.1	16.2 24.4
153 16.0	10.8 16.2

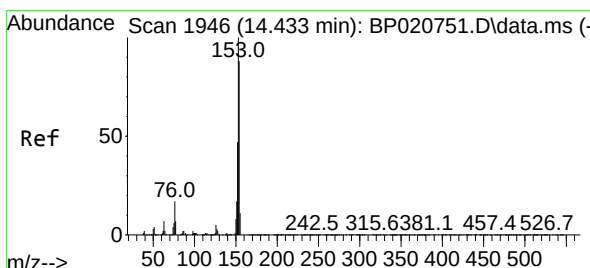
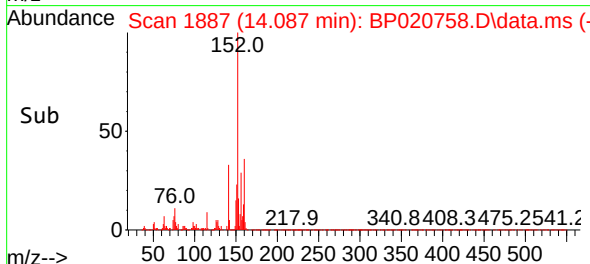
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#52

Acenaphthene

Concen: 4.499 ng/ul

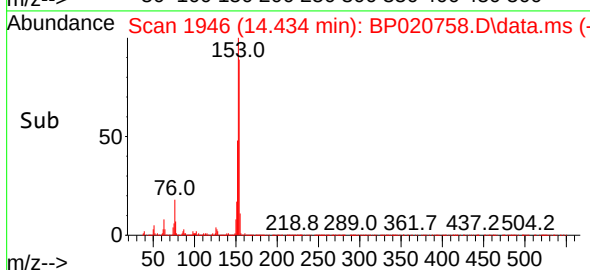
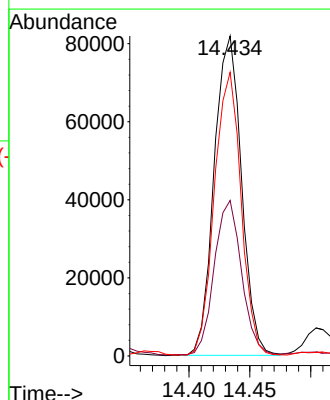
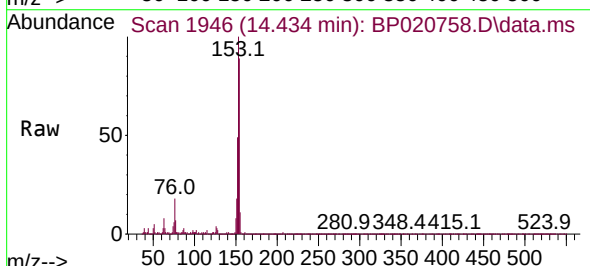
RT: 14.434 min Scan# 1946

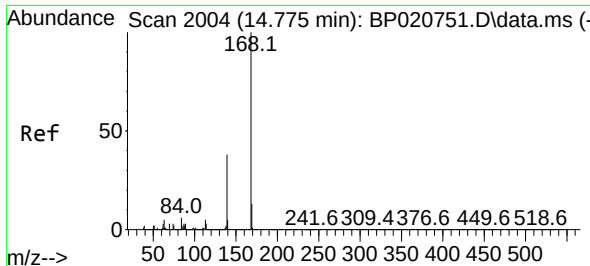
Delta R.T. 0.006 min

Lab File: BP020758.D

Acq: 02 Jul 2024 20:07

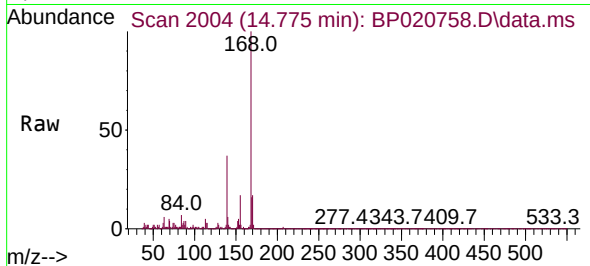
Tgt Ion:153	Resp: 127932
Ion Ratio	Lower Upper
153 100	
152 48.6	38.2 57.2
154 88.6	69.8 104.6





#56
Dibenzenofuran
Concen: 2.935 ng/ul
RT: 14.775 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP020758.D
Acq: 02 Jul 2024 20:07

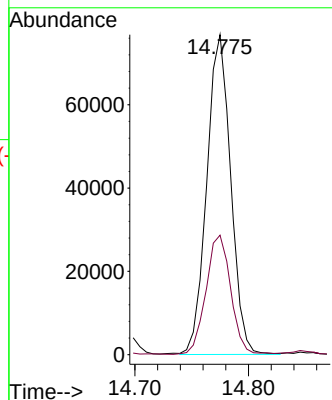
Instrument :
BNA_P
ClientSampleId :
A4CR7



Tgt Ion:168 Resp: 11243
Ion Ratio Lower Upper
168 100
139 37.3 30.7 46.1

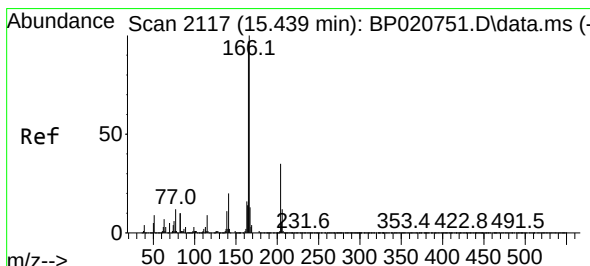
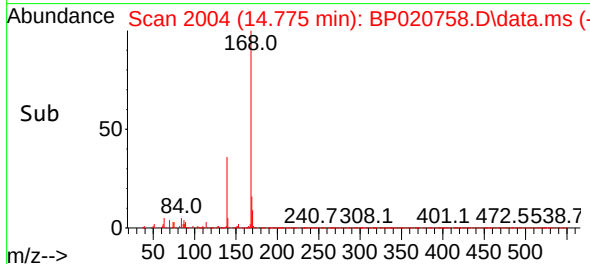
Manual Integrations
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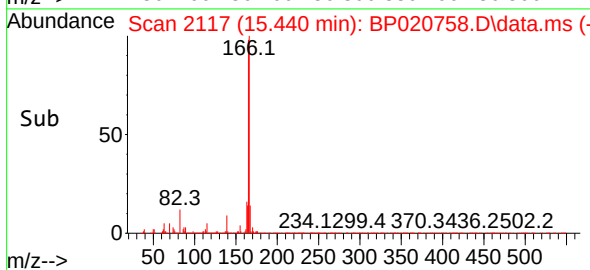
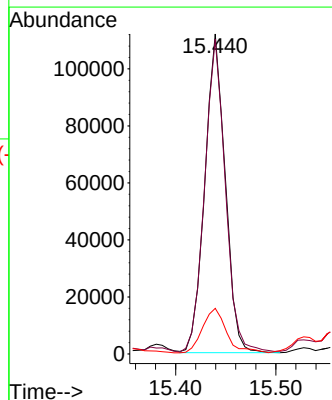
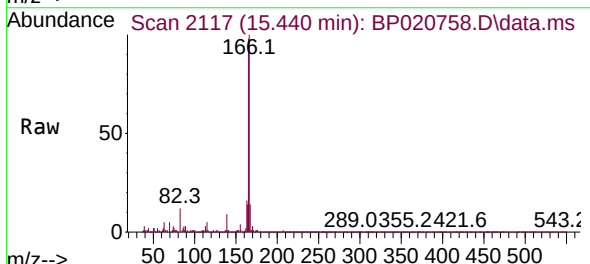
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Supervised By :mohammad
ahmed

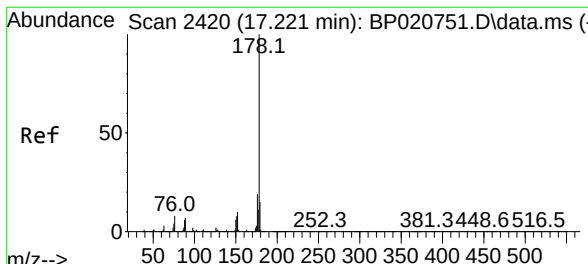
07/04/2024



#61
Fluorene
Concen: 5.137 ng/ul
RT: 15.440 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BP020758.D
Acq: 02 Jul 2024 20:07

Tgt Ion:166 Resp: 158131
Ion Ratio Lower Upper
166 100
165 98.3 78.8 118.2
167 14.2 11.2 16.8





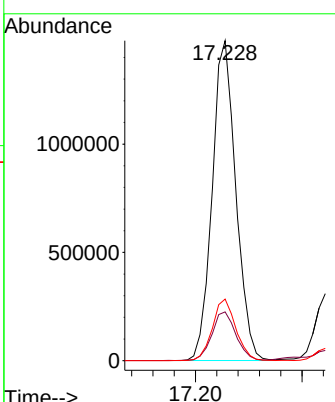
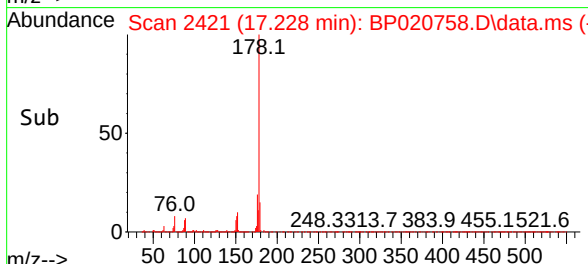
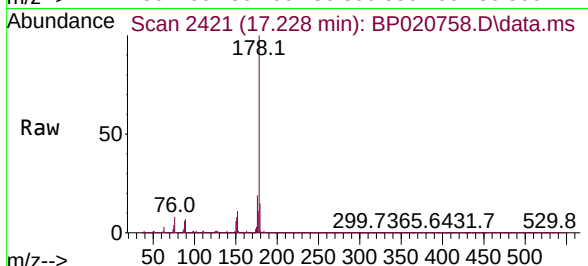
#72
 Phenanthrene
 Concen: 53.137 ng/ul
 RT: 17.228 min Scan# 2420
 Delta R.T. 0.000 min
 Lab File: BP020758.D
 Acq: 02 Jul 2024 20:07

Instrument : BNA_P
 ClientSampleId : A4CR7

Tgt Ion:178 Resp: 2274258

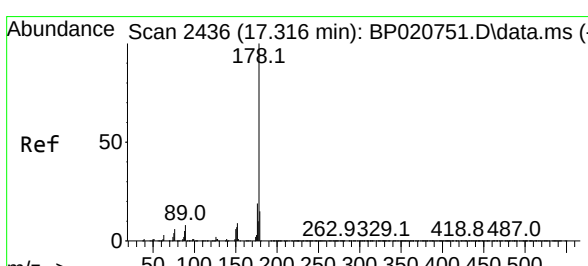
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	19.3	15.4	23.2

Manual Integrations
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 Supervised By :mohammad ahmed

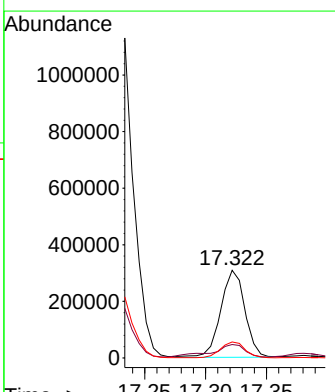
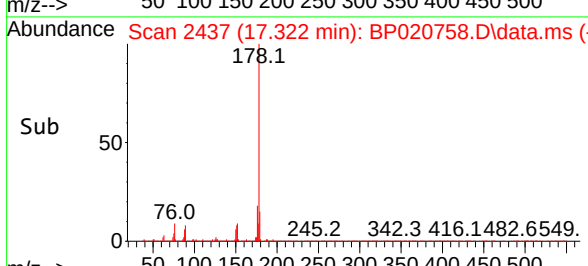
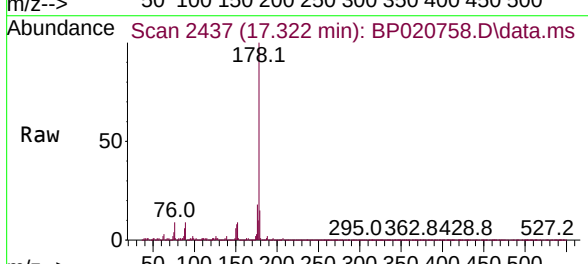
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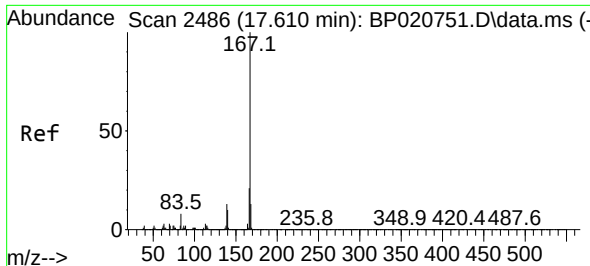


#74
 Anthracene
 Concen: 9.711 ng/ul
 RT: 17.322 min Scan# 2437
 Delta R.T. 0.006 min
 Lab File: BP020758.D
 Acq: 02 Jul 2024 20:07

Tgt Ion:178 Resp: 427525

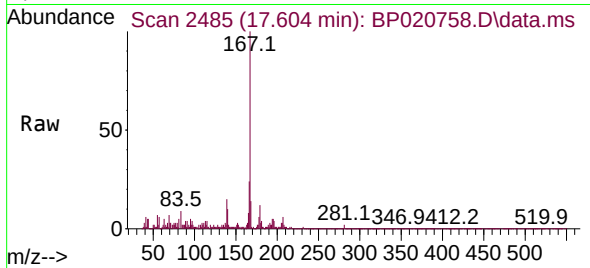
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	18.3	15.0	22.4





#77
 Carbazole
 Concen: 2.820 ng/ul
 RT: 17.604 min Scan# 2486
 Delta R.T. 0.000 min
 Lab File: BP020758.D
 Acq: 02 Jul 2024 20:07

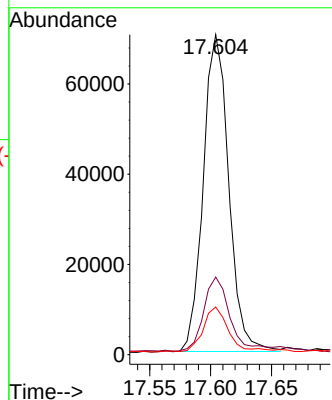
Instrument :
 BNA_P
 ClientSampleId :
 A4CR7



Tgt Ion:167 Resp: 102461
 Ion Ratio Lower Upper
 167 100
 166 24.2 17.2 25.8
 139 14.9 10.6 16.0

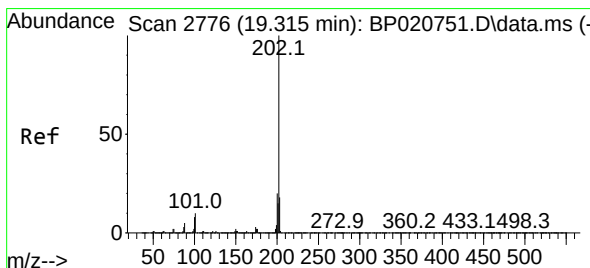
Manual Integrations
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 Upadhyay



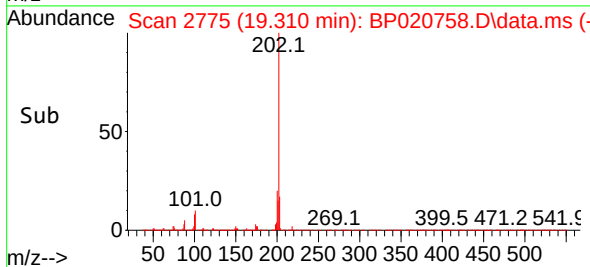
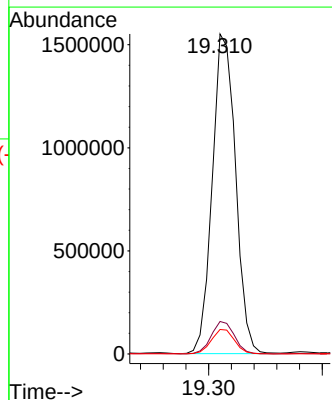
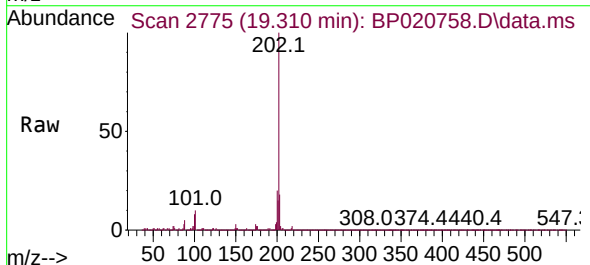
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 ahmed

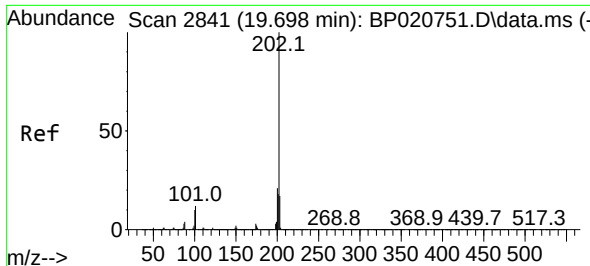
07/04/2024



#80
 Fluoranthene
 Concen: 39.736 ng/ul
 RT: 19.310 min Scan# 2775
 Delta R.T. -0.012 min
 Lab File: BP020758.D
 Acq: 02 Jul 2024 20:07

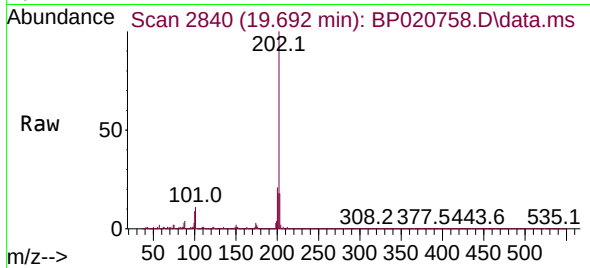
Tgt Ion:202 Resp: 2203707
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.2 12.4
 100 7.6 6.6 10.0





#82
Pyrene
Concen: 33.570 ng/ul
RT: 19.692 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020758.D
Acq: 02 Jul 2024 20:07

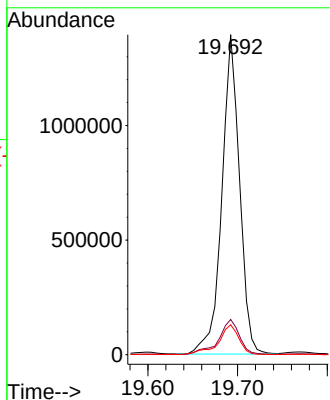
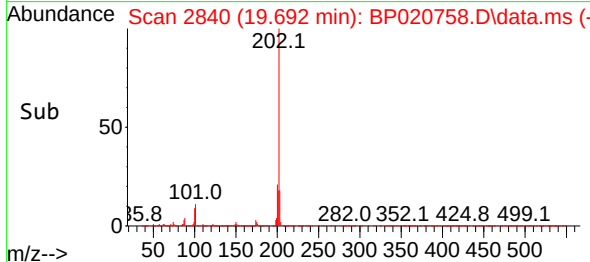
Instrument :
BNA_P
ClientSampleId :
A4CR7



Tgt Ion:202 Resp: 1909360
Ion Ratio Lower Upper
202 100
101 11.0 9.8 14.8
100 9.3 7.9 11.9

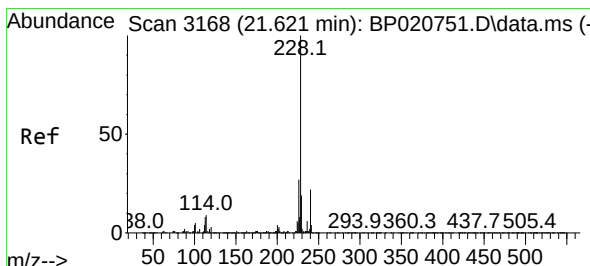
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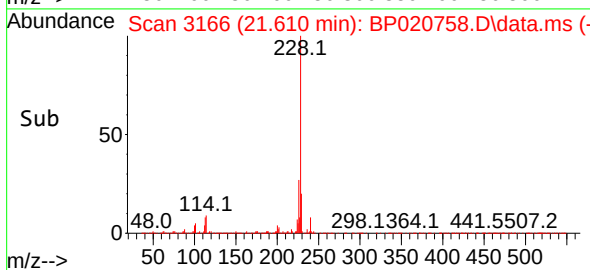
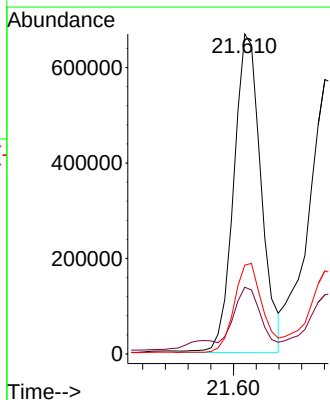
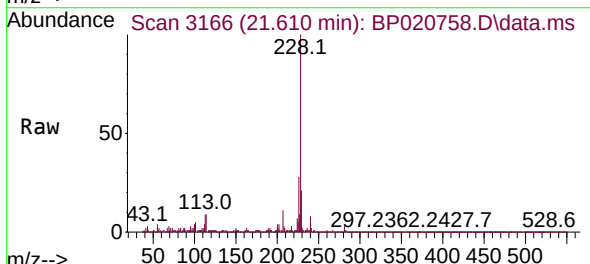
07/03/2024
Supervised By :mohammad
ahmed

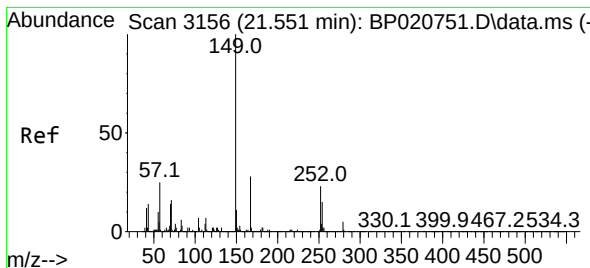
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#85
Benzo(a)anthracene
Concen: 21.042 ng/ul
RT: 21.610 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BP020758.D
Acq: 02 Jul 2024 20:07

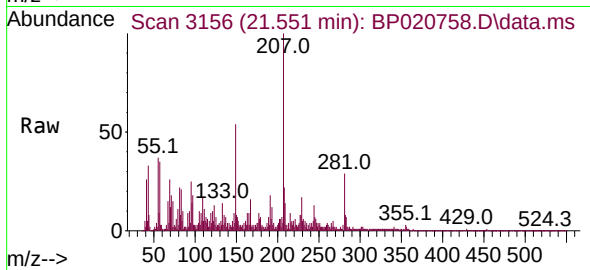
Tgt Ion:228 Resp: 1114596
Ion Ratio Lower Upper
228 100
229 20.9 15.2 22.8
226 27.8 21.1 31.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.486 ng/ul
RT: 21.551 min Scan# 3156
Delta R.T. -0.018 min
Lab File: BP020758.D
Acq: 02 Jul 2024 20:07

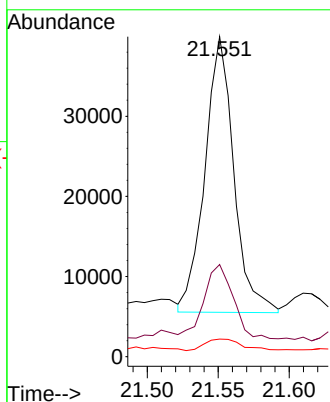
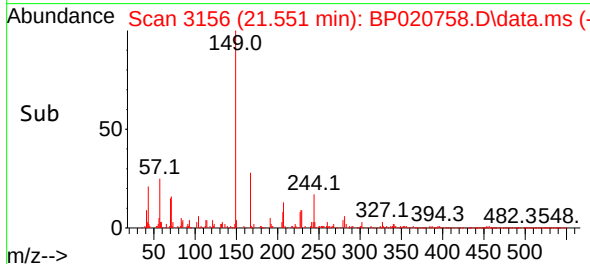
Instrument :
BNA_P
ClientSampleId :
A4CR7



Tgt Ion:149 Resp: 48729
Ion Ratio Lower Upper
149 100
167 28.8 22.0 33.0
279 5.5 3.3 4.9

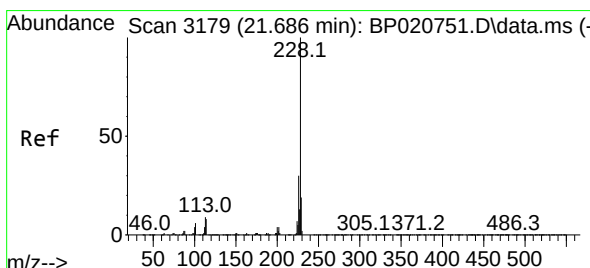
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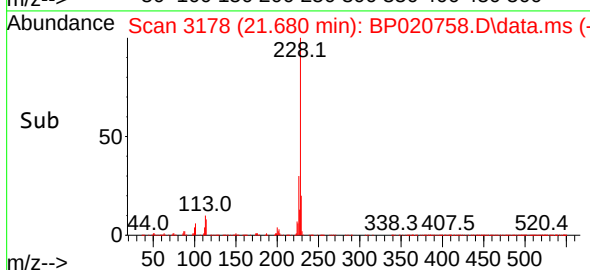
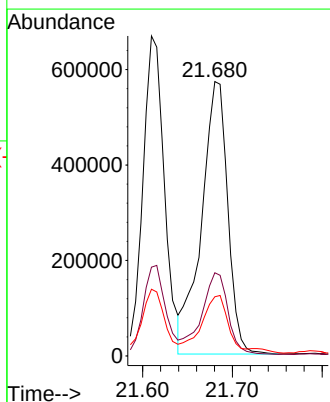
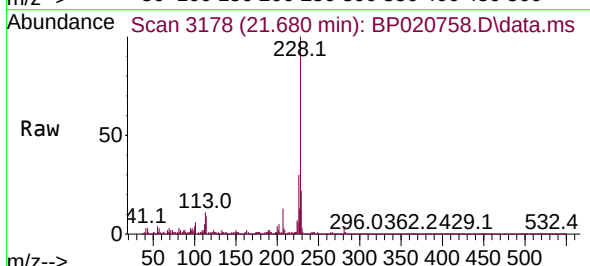
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Supervised By :mohammad
ahmed

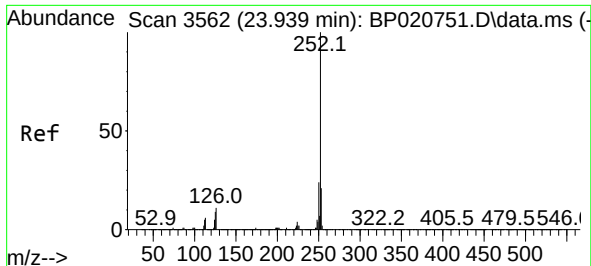
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#87
Chrysene
Concen: 23.252 ng/ul
RT: 21.680 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP020758.D
Acq: 02 Jul 2024 20:07

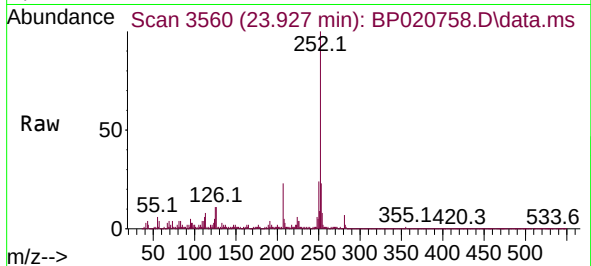
Tgt Ion:228 Resp: 1164222
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.6
229 21.6 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 22.444 ng/u1
RT: 23.927 min Scan# 3562
Delta R.T. -0.012 min
Lab File: BP020758.D
Acq: 02 Jul 2024 20:07

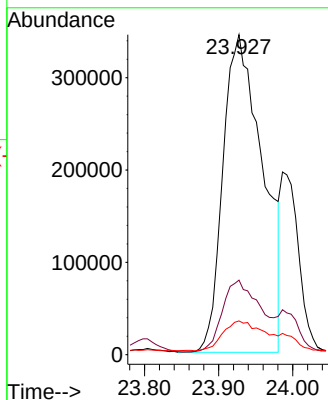
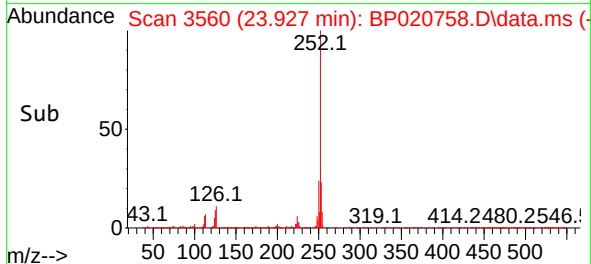
Instrument :
BNA_P
ClientSampleId :
A4CR7



Tgt Ion:252 Resp: 128131
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 10.5 7.9 11.9

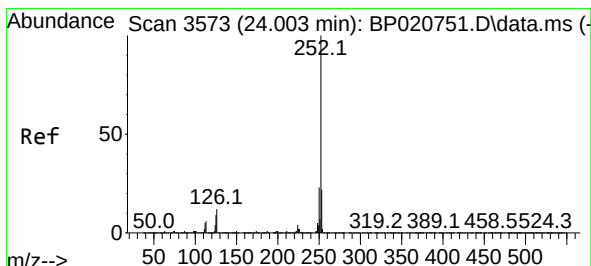
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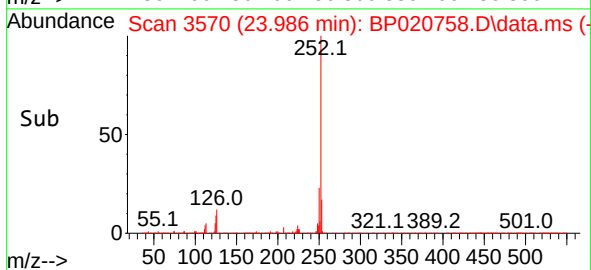
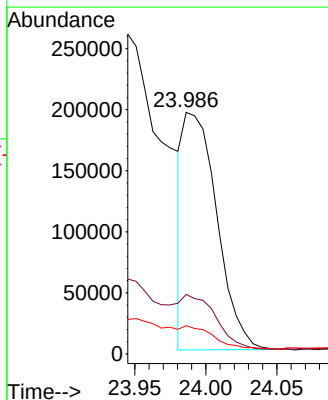
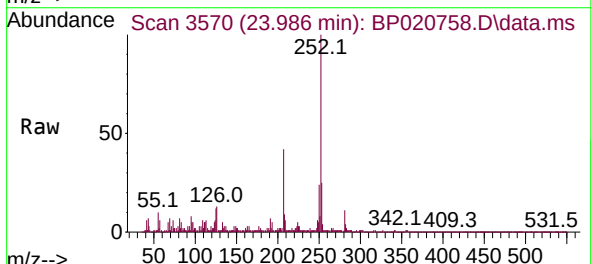
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Supervised By :mohammad
ahmed

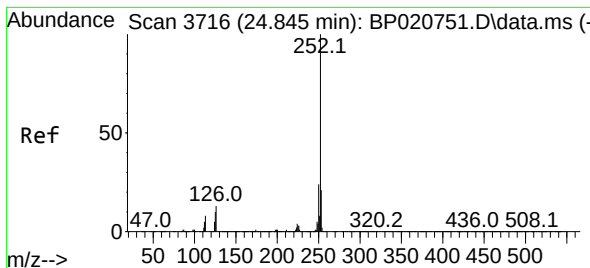
07/04/2024



#91
Benzo(k)fluoranthene
Concen: 5.538 ng/u1
RT: 23.986 min Scan# 3570
Delta R.T. -0.018 min
Lab File: BP020758.D
Acq: 02 Jul 2024 20:07

Tgt Ion:252 Resp: 319789
Ion Ratio Lower Upper
252 100
253 24.6 17.6 26.4
125 11.7 7.9 11.9





#93

Benzo(a)pyrene

Concen: 9.437 ng/ul

RT: 24.833 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020758.D

Acq: 02 Jul 2024 20:07

Instrument :

BNA_P

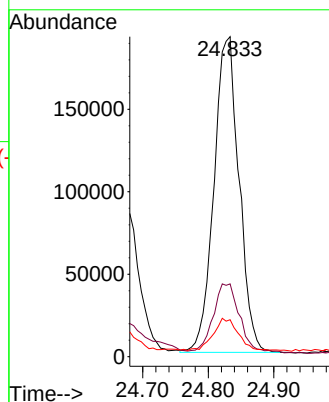
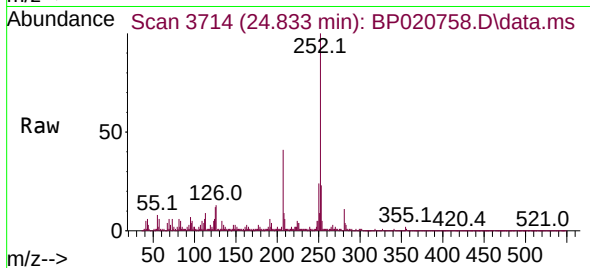
ClientSampleId :

A4CR7

Tgt Ion:	252	Resp:	50856
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	11.6	8.7	13.1

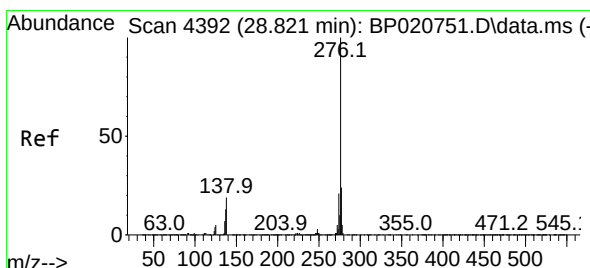
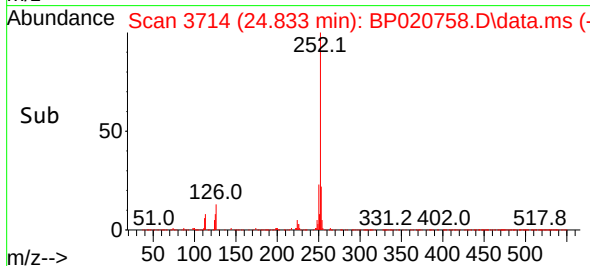
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#94

Indeno(1,2,3-cd)pyrene

Concen: 6.088 ng/ul

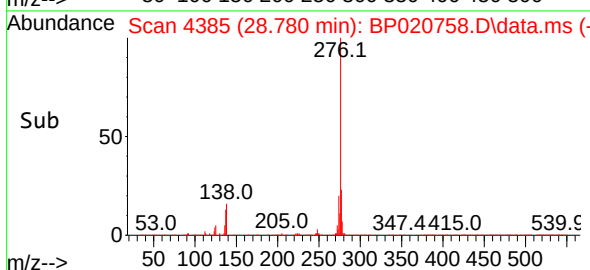
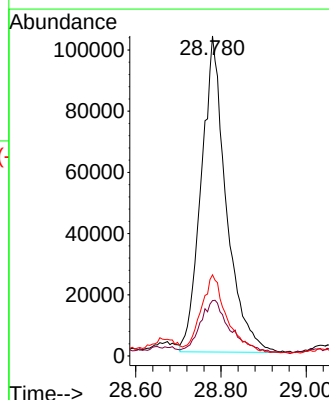
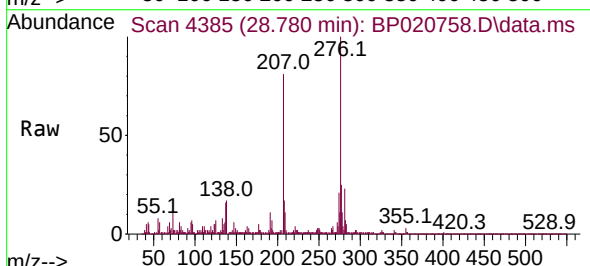
RT: 28.780 min Scan# 4385

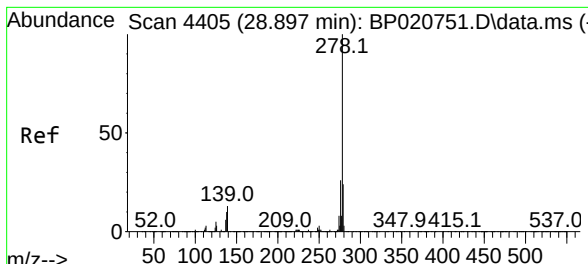
Delta R.T. -0.035 min

Lab File: BP020758.D

Acq: 02 Jul 2024 20:07

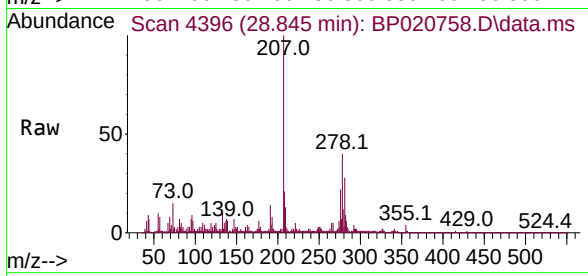
Tgt Ion:	276	Resp:	420815
Ion Ratio	Lower	Upper	
276	100		
138	17.3	15.2	22.8
277	25.3	19.0	28.4





#95
 Dibenzo(a,h)anthracene
 Concen: 2.937 ng/ul m
 RT: 28.845 min Scan# 4
 Delta R.T. -0.053 min
 Lab File: BP020758.D
 Acq: 02 Jul 2024 20:07

Instrument :
 BNA_P
 ClientSampleId :
 A4CR7

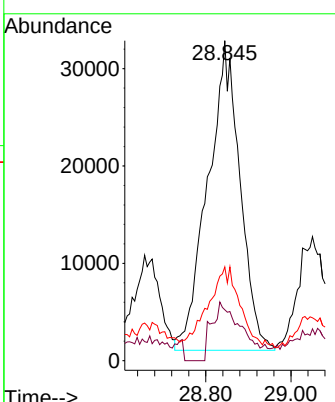
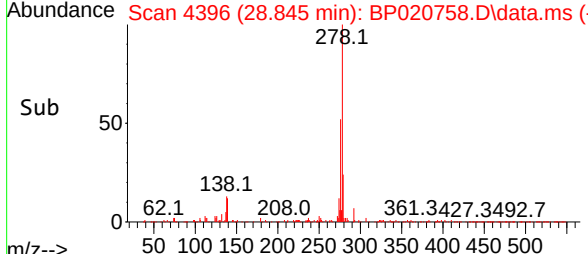


Tgt Ion: 278 Resp: 166870

Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.1	16.7
279	29.3	18.7	28.1

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 Upadhyay



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 Supervised By :mohammad
 ahmed

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