

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045921.D
 Acq On : 08 Jun 2024 18:05
 Operator : MA/JU
 Sample : P2640-15
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C39

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:29:27 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 07 22:59:16 2024

Response via : Initial Calibration

06/10/2024
 Supervised By :mohammad
 ahmed

06/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	5569	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.231	136	19434	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.107	164	10881	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.849	188	24544m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.047	240	15309m	0.400	ng/ul	0.00
23) Perylene-d12	23.154	264	13583m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	26158	4.124	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	7307	0.261	ng/ul	-0.01
18) Fluoranthene-d10	18.885	212	16004	0.349	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.281	128	1724	0.034	ng/ul#	81
7) 2-Methylnaphthalene	11.914	142	886	0.027	ng/ul	96
8) 1-Methylnaphthalene	12.134	142	755	0.021	ng/ul	100
10) Acenaphthylene	13.825	152	4853	0.098	ng/ul	94
11) Acenaphthene	14.168	153	1325	0.036	ng/ul	93
12) Fluorene	15.158	166	2282	0.056	ng/ul#	90
15) Phenanthrene	16.891	178	40387m	0.586	ng/ul	
16) Anthracene	16.979	178	8585m	0.146	ng/ul	
19) Fluoranthene	18.912	202	78090	1.279	ng/ul	98
20) Pyrene	19.275	202	68751	1.080	ng/ul	97
21) Benzo(a)anthracene	21.029	228	29163	0.519	ng/ul	95
22) Chrysene	21.082	228	32146	0.525	ng/ul	98
24) Benzo(b)fluoranthene	22.531	252	36524m	0.811	ng/ul	
25) Benzo(k)fluoranthene	22.566	252	13369m	0.270	ng/ul	
26) Benzo(a)pyrene	23.060	252	23503	0.525	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.216	276	17121	0.296	ng/ul	91
28) Dibenzo(a,h)anthracene	25.222	278	4142	0.089	ng/ul#	43
29) Benzo(g,h,i)perylene	25.846	276	18211	0.364	ng/ul	97

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

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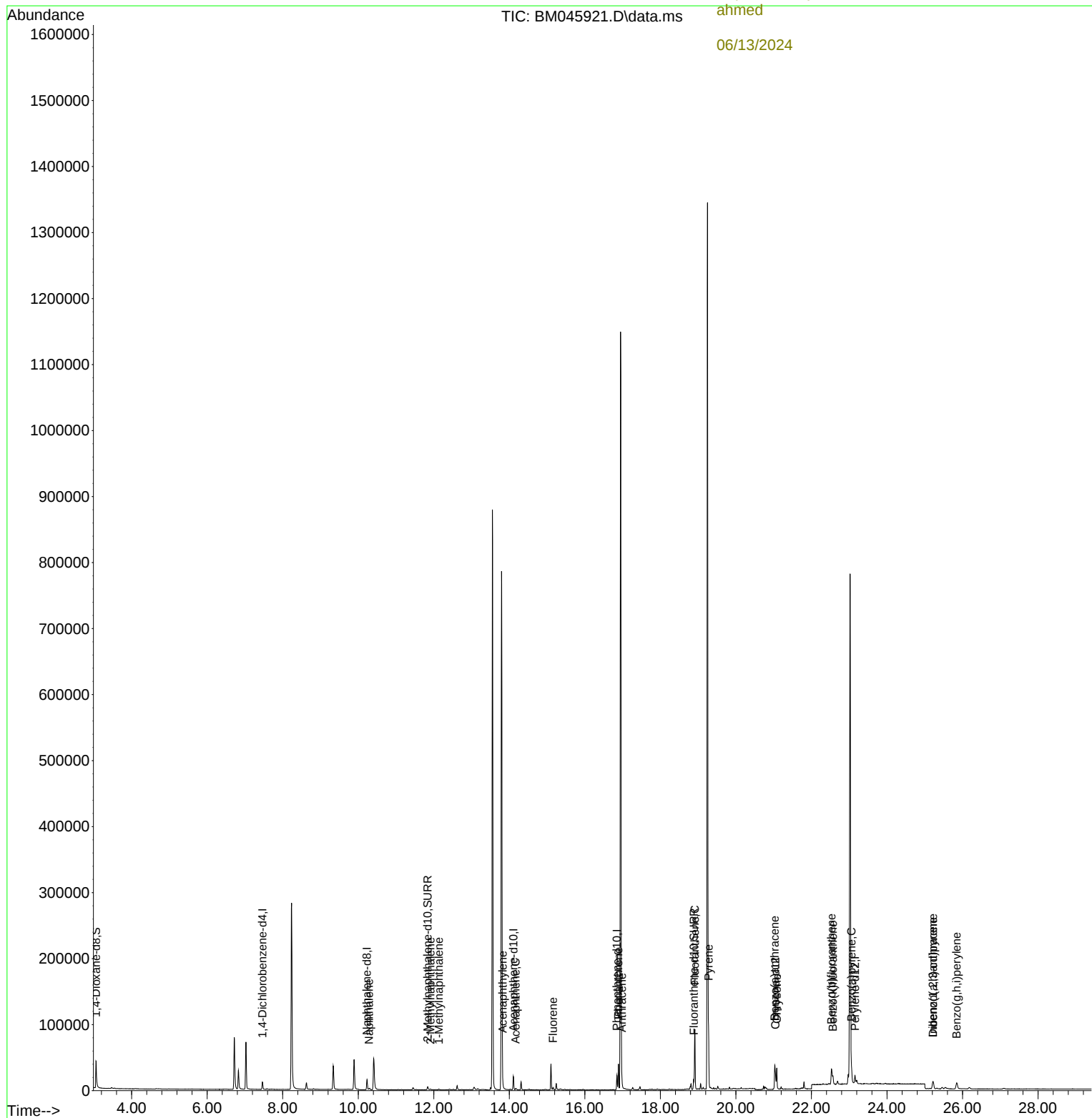
Quant Time: Jun 10 01:29:27 2024
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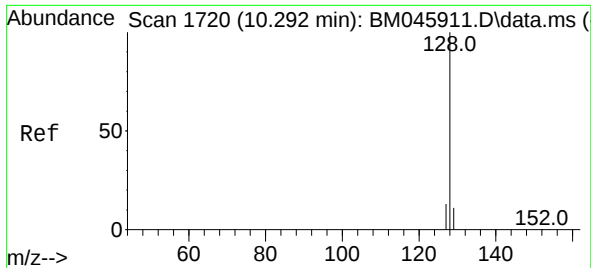
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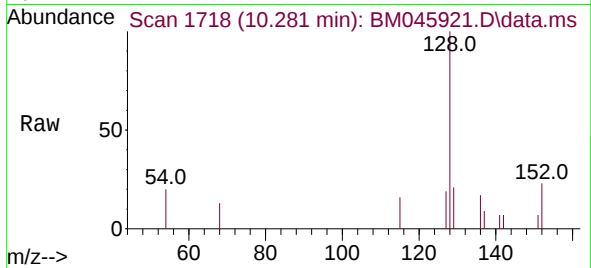
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#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.281 min Scan# 1720
Delta R.T. -0.022 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

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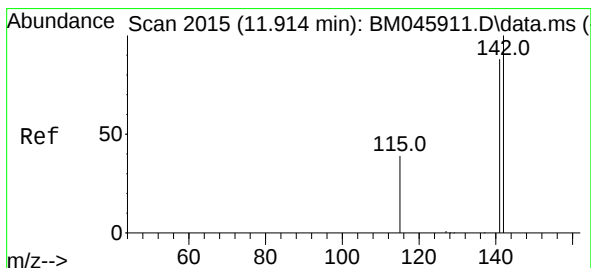
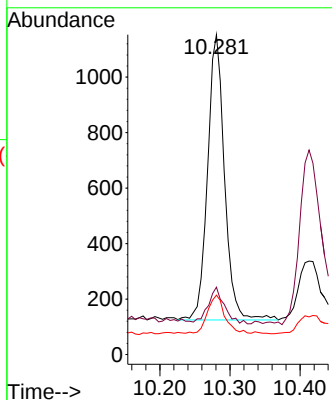
Tgt Ion:128 Resp: 1724
Ion Ratio Lower Upper
128 100
129 21.1 9.4 14.0
127 18.6 10.6 15.8

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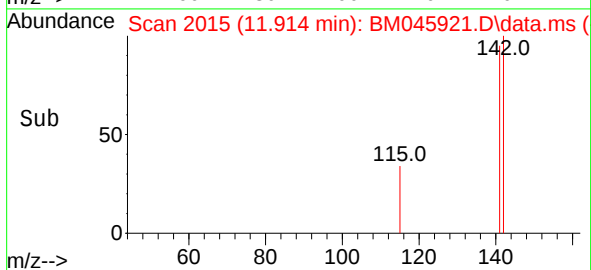
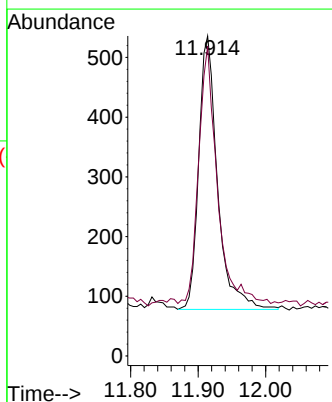
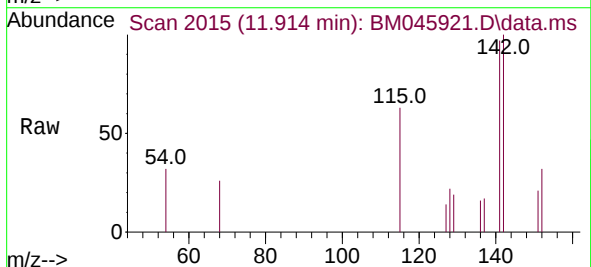
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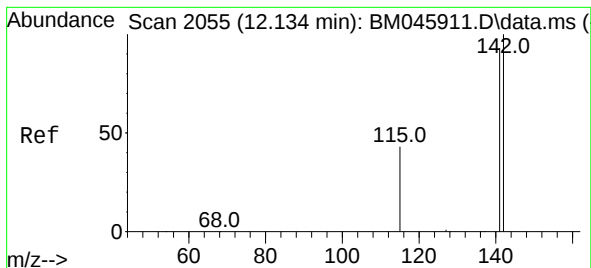
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#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

Tgt Ion:142 Resp: 886
Ion Ratio Lower Upper
142 100
141 94.0 72.2 108.4





#8

1-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.134 min Scan# 2055

Delta R.T. -0.011 min

Lab File: BM045921.D

Acq: 08 Jun 2024 18:05

Instrument :

BNA_M

ClientSampleId :

A4C39

Tgt Ion:142 Resp: 755

Ion Ratio Lower Upper

142 100

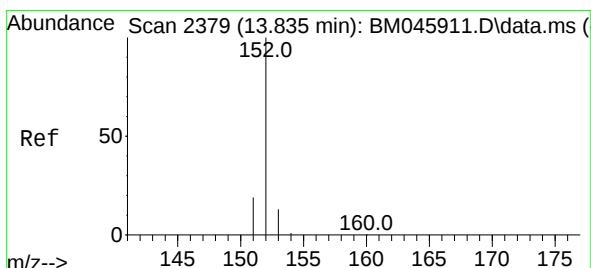
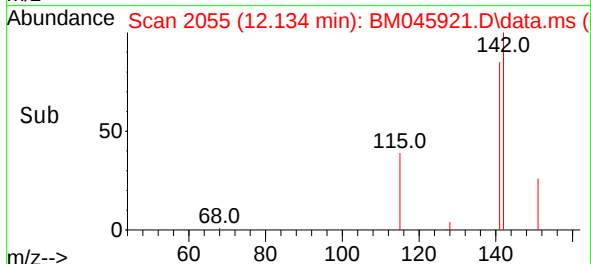
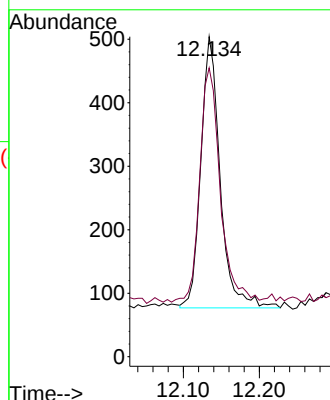
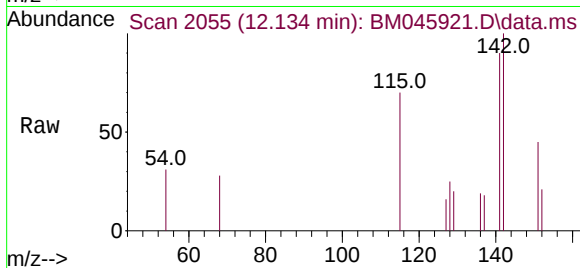
141 91.9 73.5 110.3

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#10

Acenaphthylene

Concen: 0.098 ng/ul

RT: 13.825 min Scan# 2377

Delta R.T. -0.014 min

Lab File: BM045921.D

Acq: 08 Jun 2024 18:05

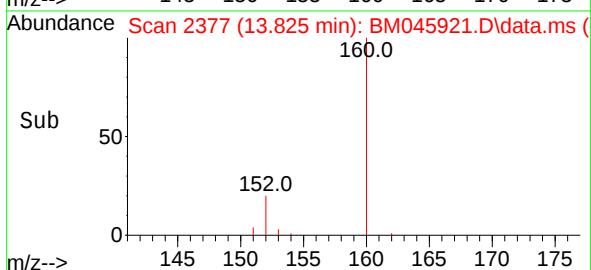
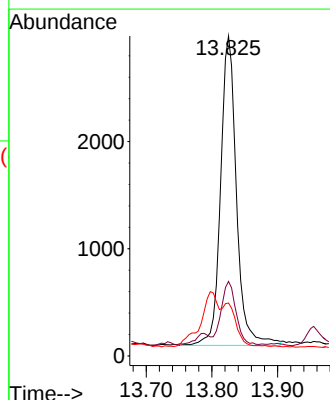
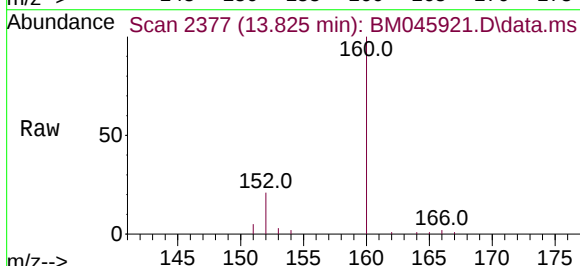
Tgt Ion:152 Resp: 4853

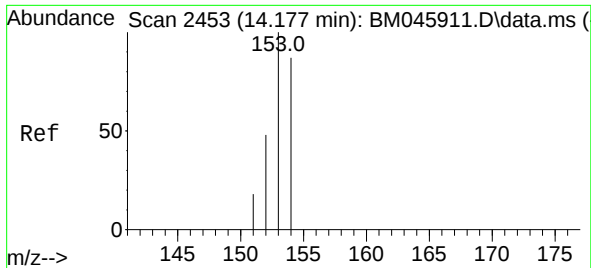
Ion Ratio Lower Upper

152 100

151 23.3 16.4 24.6

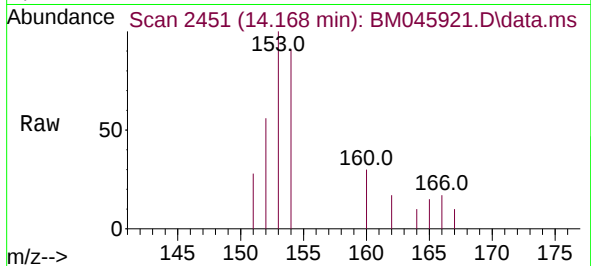
153 16.5 11.1 16.7





#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.168 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

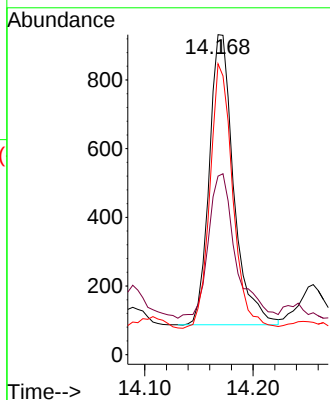
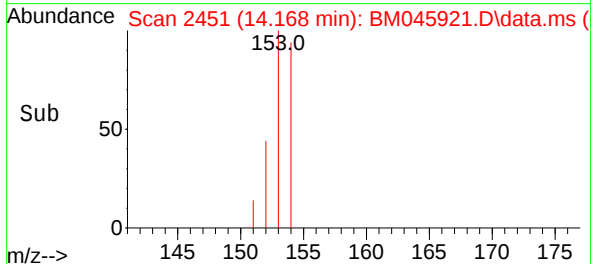
Instrument :
BNA_M
ClientSampleId :
A4C39



Tgt Ion:153 Resp: 1324
Ion Ratio Lower Upper
153 100
152 55.8 39.0 58.4
154 90.9 69.4 104.2

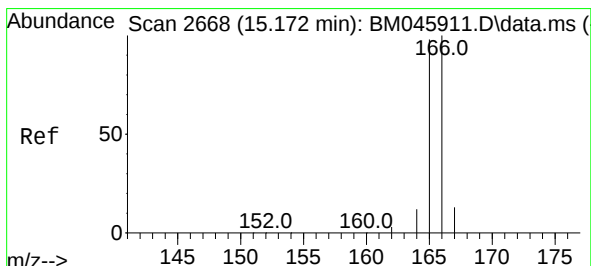
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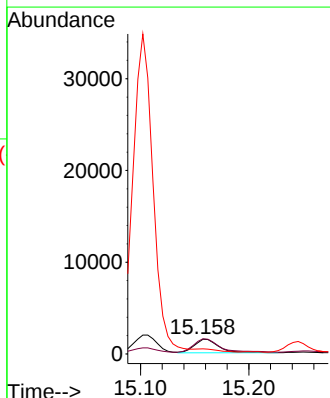
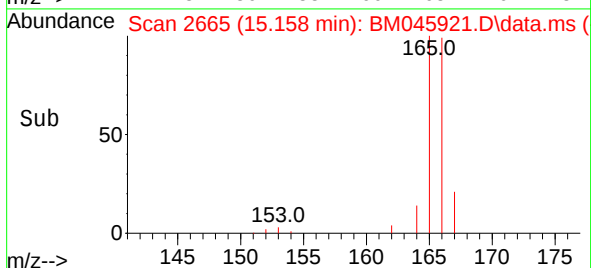
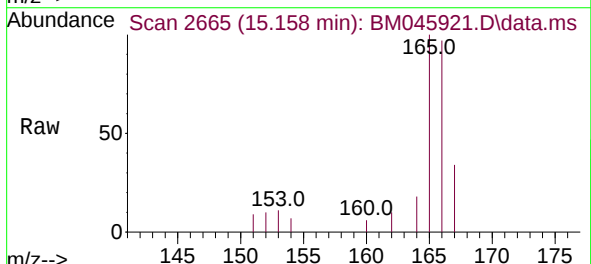
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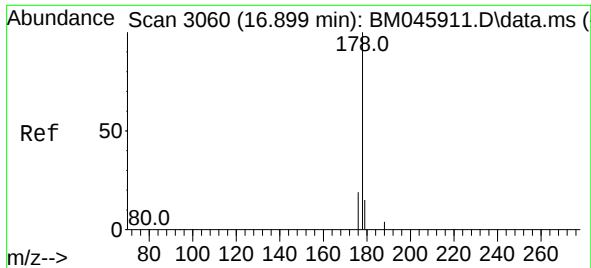
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#12
Fluorene
Concen: 0.056 ng/ul
RT: 15.158 min Scan# 2665
Delta R.T. -0.019 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

Tgt Ion:166 Resp: 2282
Ion Ratio Lower Upper
166 100
165 103.2 79.7 119.5
167 35.3 11.3 16.9#





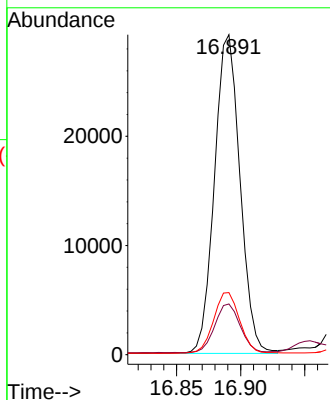
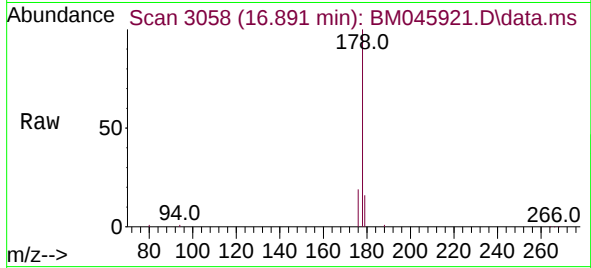
#15
Phenanthrene
Concen: 0.586 ng/ul m
RT: 16.891 min Scan# 3058
Delta R.T. -0.013 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

Instrument :
BNA_M
ClientSampleId :
A4C39

Tgt Ion:178 Resp: 4038
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.4 15.6 23.4

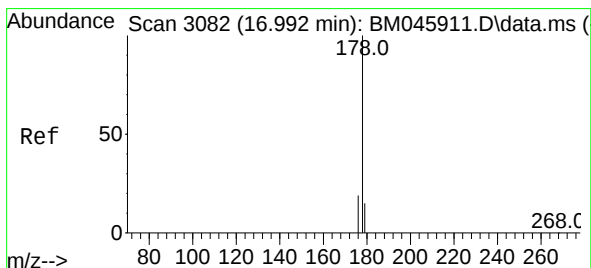
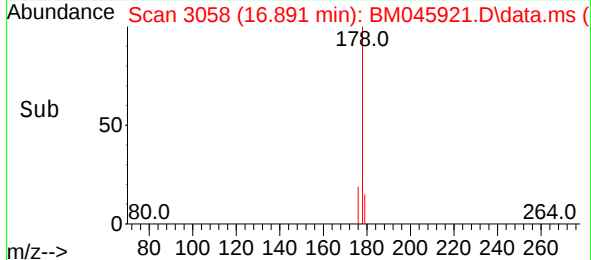
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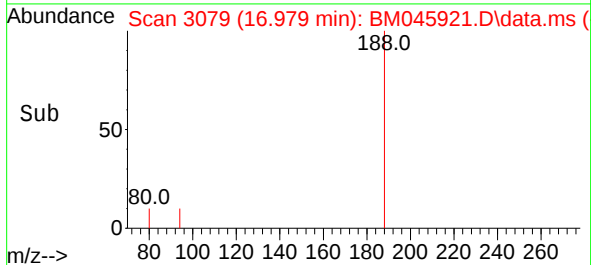
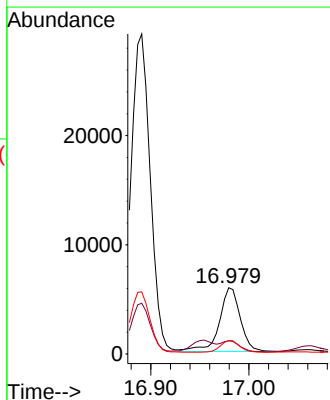
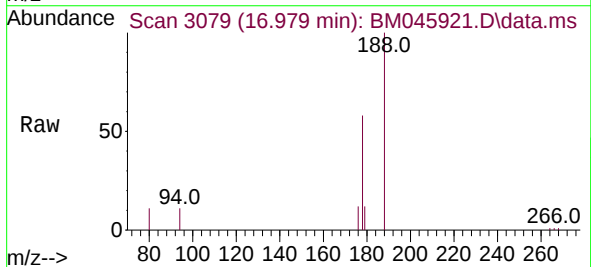
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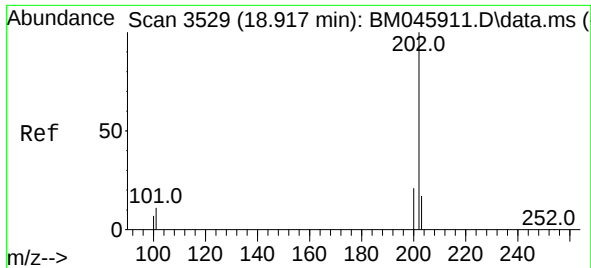
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#16
Anthracene
Concen: 0.146 ng/ul m
RT: 16.979 min Scan# 3079
Delta R.T. -0.017 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

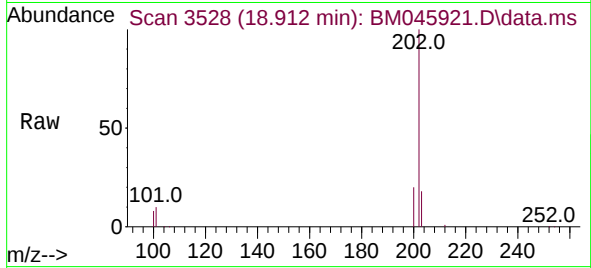
Tgt Ion:178 Resp: 8585
Ion Ratio Lower Upper
178 100
179 19.9 13.1 19.7#
176 20.3 15.5 23.3





#19
Fluoranthene
Concen: 1.279 ng/ul
RT: 18.912 min Scan# 3529
Delta R.T. -0.009 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

Instrument :
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ClientSampleId :
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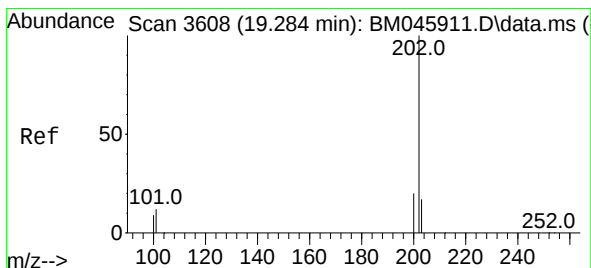
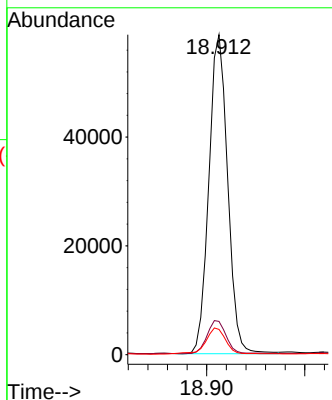
Tgt Ion:202 Resp: 78090
Ion Ratio Lower Upper
202 100
101 10.4 9.0 13.6
100 7.9 7.0 10.6

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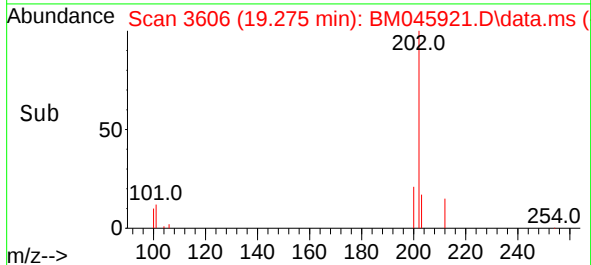
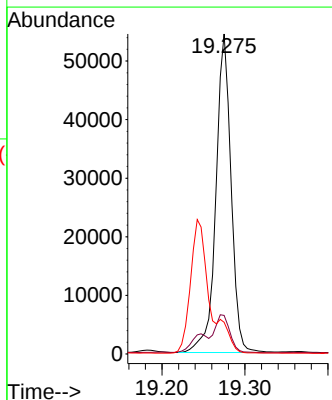
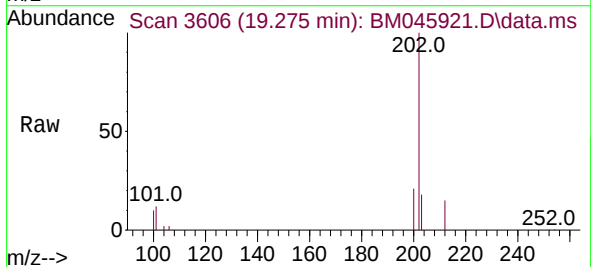
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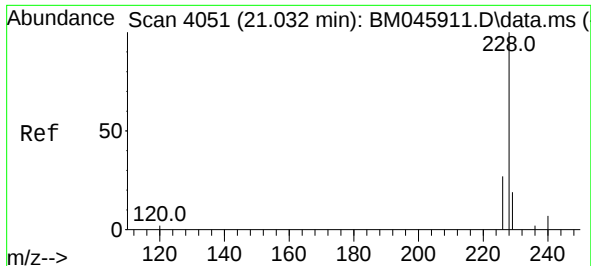
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#20
Pyrene
Concen: 1.080 ng/ul
RT: 19.275 min Scan# 3606
Delta R.T. -0.009 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

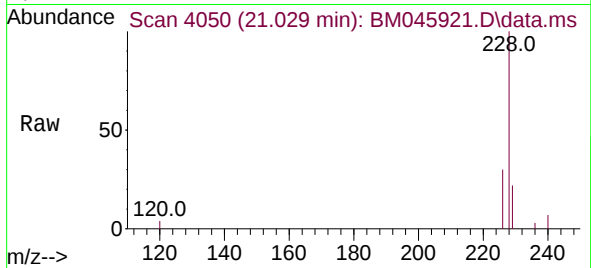
Tgt Ion:202 Resp: 68751
Ion Ratio Lower Upper
202 100
101 12.0 10.6 16.0
100 9.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.519 ng/ul
RT: 21.029 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

Instrument :
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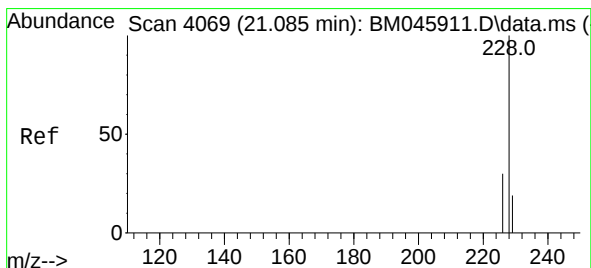
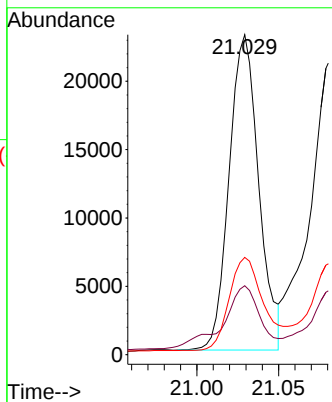
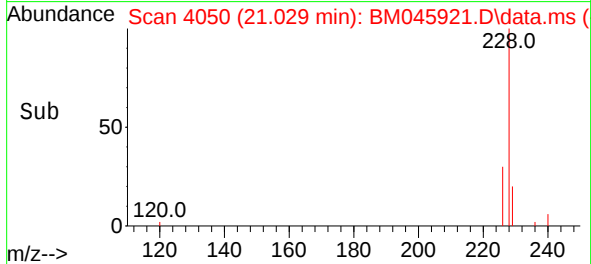
Tgt Ion:228 Resp: 2916
Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 30.4 22.0 33.0

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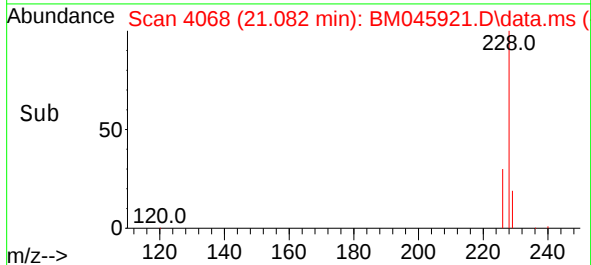
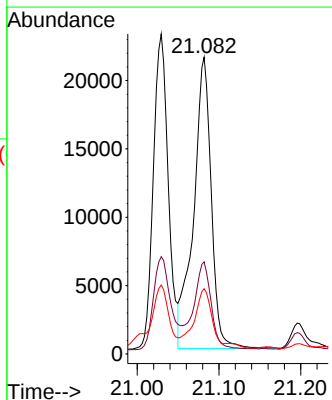
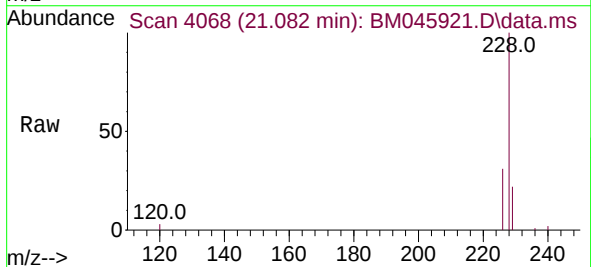
06/10/2024
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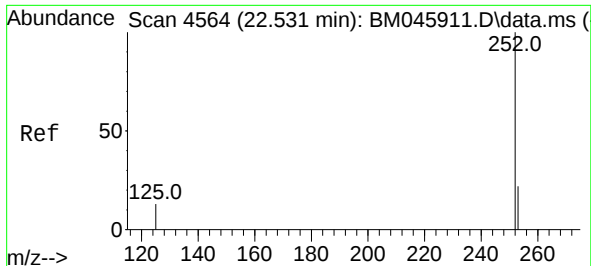
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#22
Chrysene
Concen: 0.525 ng/ul
RT: 21.082 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

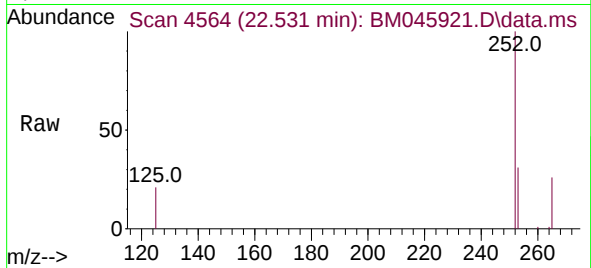
Tgt Ion:228 Resp: 32146
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 22.0 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.811 ng/ul m
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

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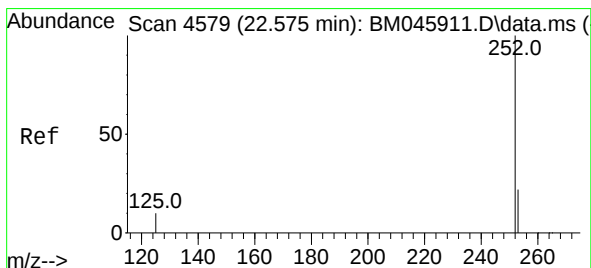
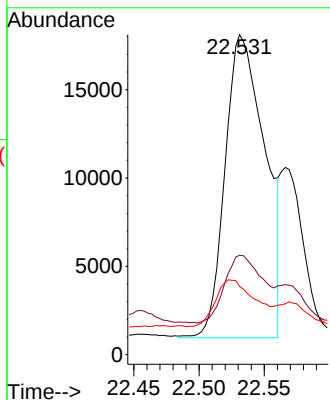
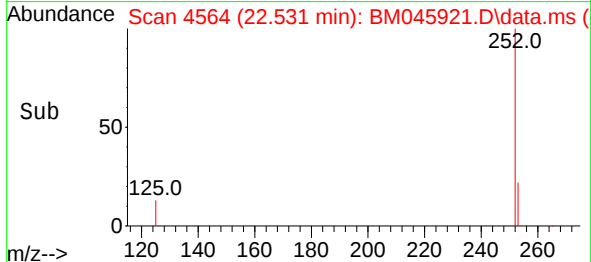
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Ion Ratio Lower Upper
252 100
253 31.1 0.0 63.6
125 21.3 0.0 35.8

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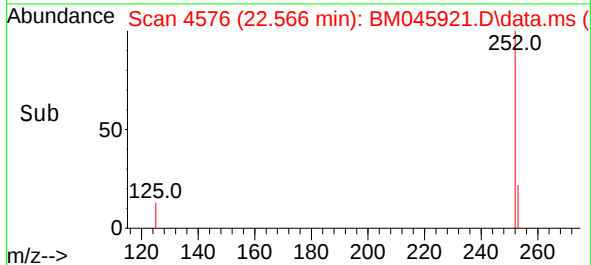
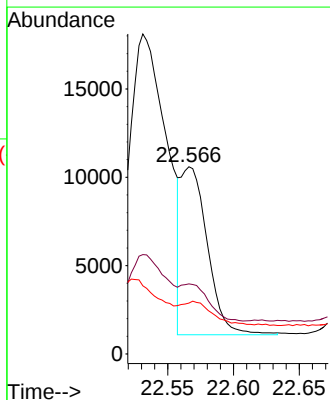
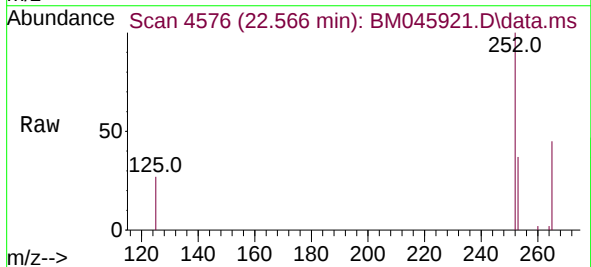
06/10/2024
Supervised By :mohammad
ahmed

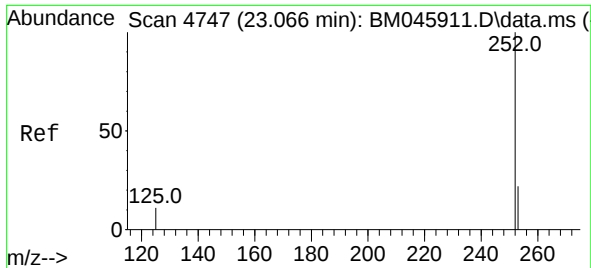
06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.270 ng/ul m
RT: 22.566 min Scan# 4576
Delta R.T. -0.015 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

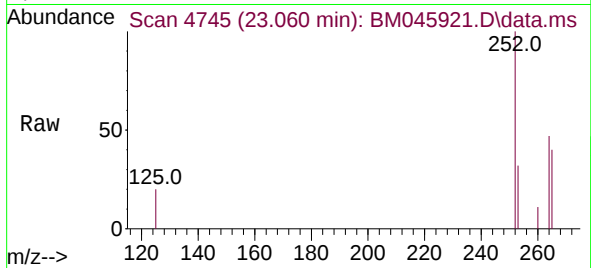
Tgt Ion:252 Resp: 13369
Ion Ratio Lower Upper
252 100
253 37.4 25.0 37.6
125 27.2 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 0.525 ng/ul
RT: 23.060 min Scan# 4747
Delta R.T. -0.012 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

Instrument :
BNA_M
ClientSampleId :
A4C39



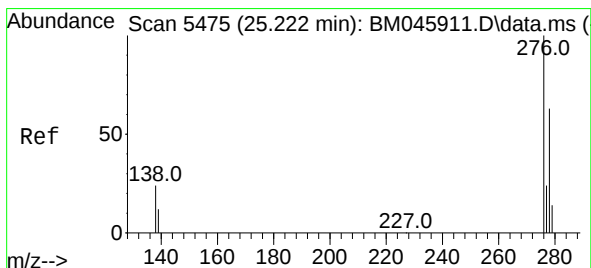
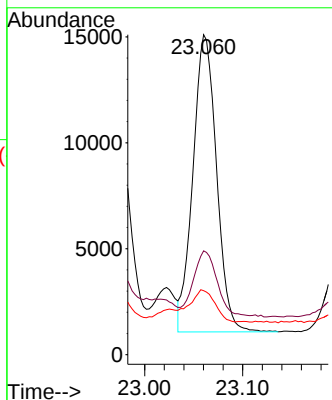
Tgt Ion:252 Resp: 2350
Ion Ratio Lower Upper
252 100
253 32.5 28.8 43.2
125 20.0 17.3 25.9

Manual Integrations
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Supervised By :mohammad ahmed 06/13/2024

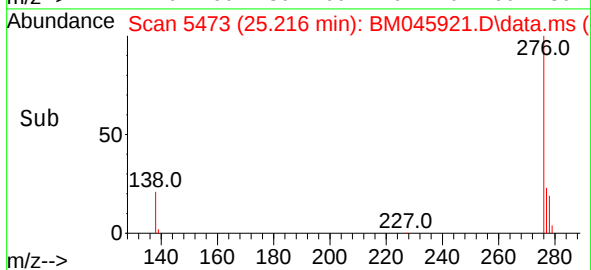
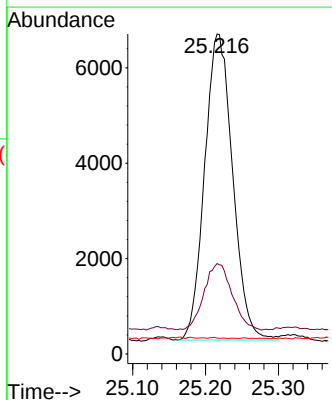
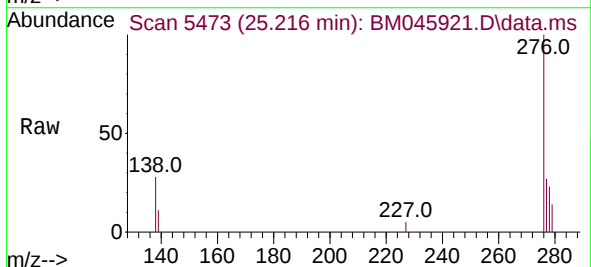
06/10/2024
Supervised By :mohammad
ahmed

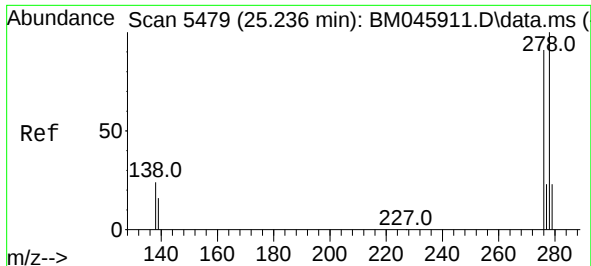
06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.296 ng/ul
RT: 25.216 min Scan# 5473
Delta R.T. -0.016 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

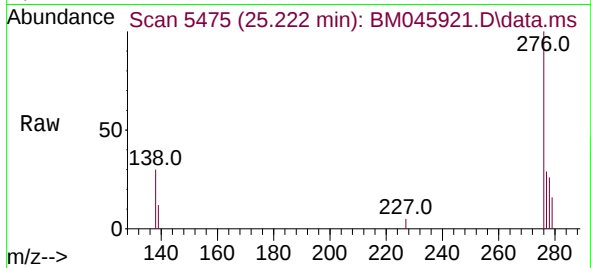
Tgt Ion:276 Resp: 17121
Ion Ratio Lower Upper
276 100
138 21.5 20.7 31.1
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.089 ng/ul
RT: 25.222 min Scan# 5475
Delta R.T. -0.027 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

Instrument :
BNA_M
ClientSampleId :
A4C39



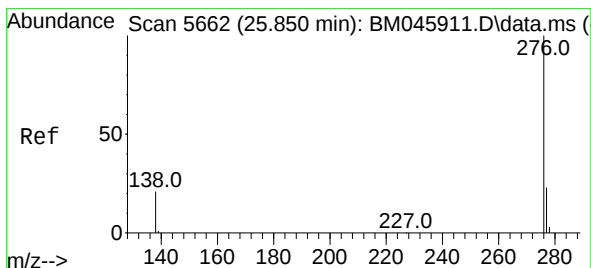
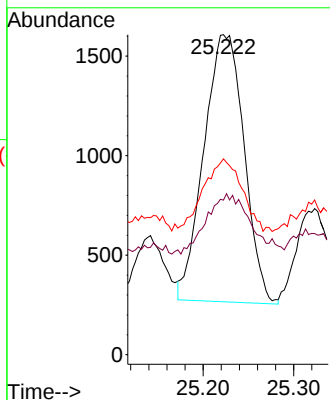
Tgt Ion:278 Resp: 414
Ion Ratio Lower Upper
278 100
139 48.3 16.6 25.0
279 61.2 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

06/10/2024
Supervised By :mohammad
ahmed

06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 25.846 min Scan# 5661
Delta R.T. -0.016 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

Tgt Ion:276 Resp: 18211
Ion Ratio Lower Upper
276 100
138 27.9 21.0 31.4
277 27.4 20.5 30.7

