

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046121.D
 Acq On : 20 Jun 2024 13:54
 Operator : MA/JU
 Sample : P2710-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL7

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

06/21/2024
 Supervised By :mohammad
 ahmed

Quant Time: Jun 20 14:53:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.421	152	3089	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.194	136	9039	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.072	164	4854	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.812	188	10665m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.011	240	8295m	0.400	ng/ul	-0.03
23) Perylene-d12	23.107	264	9555m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	14314	3.378	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.822	152	3033	0.250	ng/ul	-0.04
18) Fluoranthene-d10	18.844	212	7185	0.289	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.244	128	2679	0.106	ng/ul#	95
7) 2-Methylnaphthalene	11.893	142	831	0.059	ng/ul	100
8) 1-Methylnaphthalene	12.113	142	750	0.048	ng/ul	99
10) Acenaphthylene	13.790	152	10602	0.460	ng/ul	99
11) Acenaphthene	14.132	153	3989	0.240	ng/ul	98
12) Fluorene	15.127	166	5094	0.286	ng/ul	98
15) Phenanthrene	16.854	178	130766m	4.364	ng/ul	
16) Anthracene	16.947	178	26594m	1.192	ng/ul	
19) Fluoranthene	18.877	202	384904	10.717	ng/ul	96
20) Pyrene	19.239	202	256666	6.608	ng/ul	97
21) Benzo(a)anthracene	20.997	228	167270m	5.221	ng/ul	
22) Chrysene	21.049	228	180900	4.424	ng/ul	99
24) Benzo(b)fluoranthene	22.493	252	256948m	7.464	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	111835m	2.733	ng/ul	
26) Benzo(a)pyrene	23.016	252	94355	2.958	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.152	276	99050	1.897	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.155	278	31378	0.807	ng/ul	97
29) Benzo(g,h,i)perylene	25.779	276	14525	0.324	ng/ul	93

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

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ALS Vial : 10 Sample Multiplier: 1

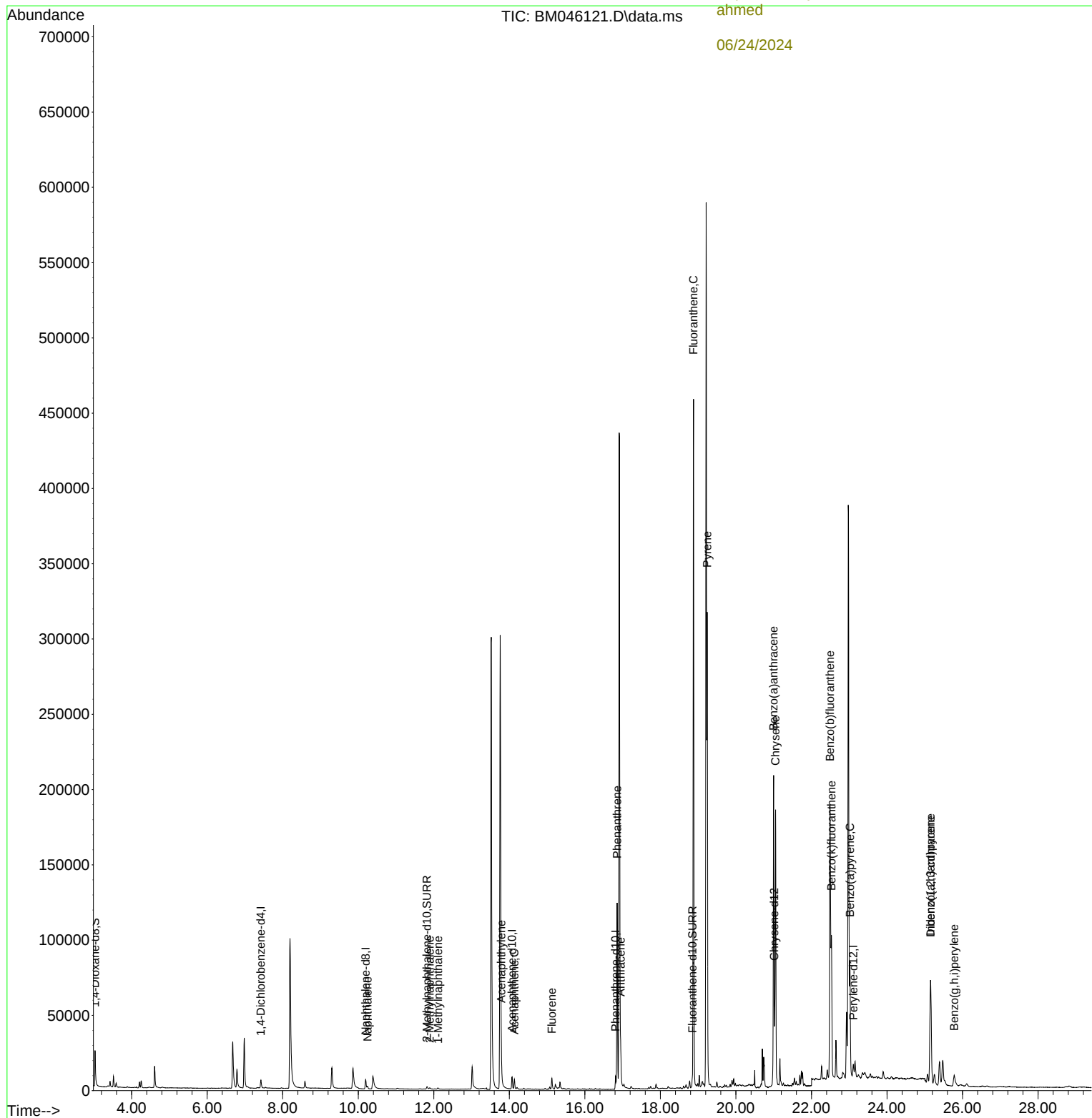
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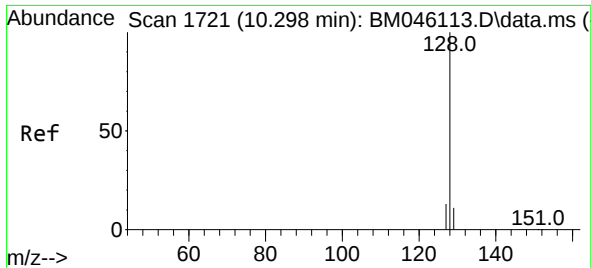
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ahmed

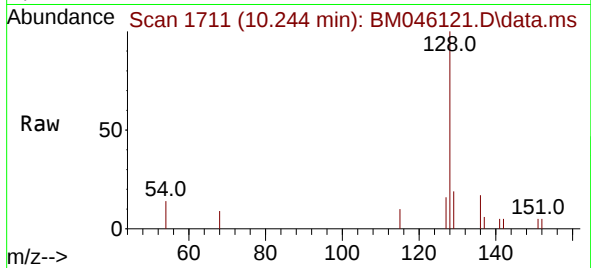
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#5
Naphthalene
Concen: 0.106 ng/ul
RT: 10.244 min Scan# 1711
Delta R.T. -0.059 min
Lab File: BM046121.D
Acq: 20 Jun 2024 13:54

Instrument :
BNA_M
ClientSampleId :
A4BL7



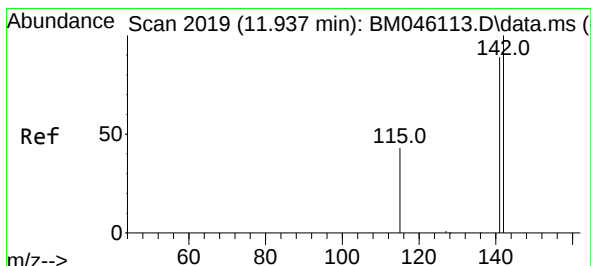
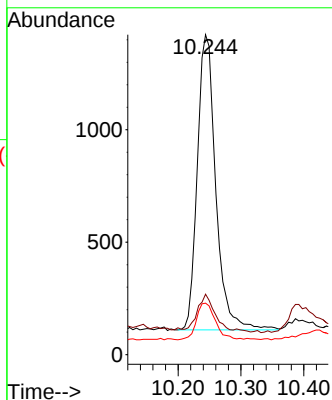
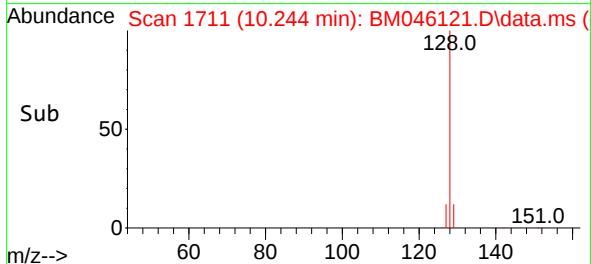
Tgt Ion:128 Resp: 2679
Ion Ratio Lower Upper
128 100
129 18.9 11.8 17.6
127 16.1 12.8 19.2

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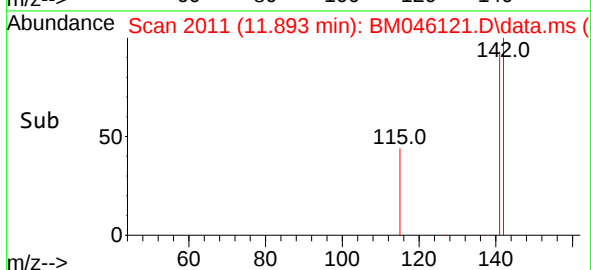
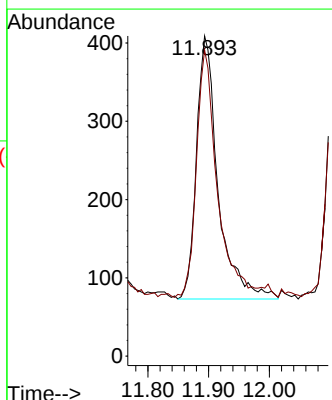
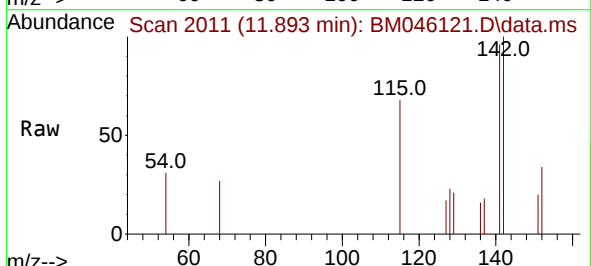
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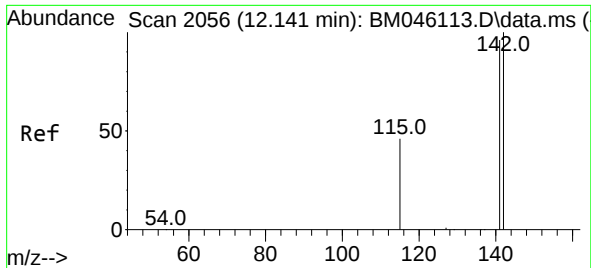
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#7
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 11.893 min Scan# 2011
Delta R.T. -0.054 min
Lab File: BM046121.D
Acq: 20 Jun 2024 13:54

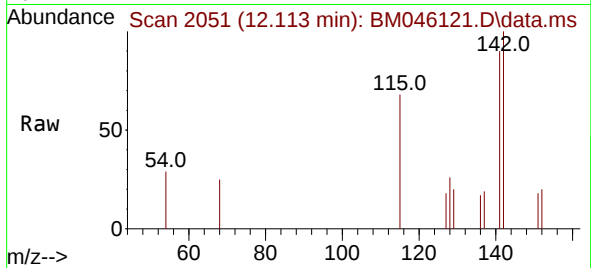
Tgt Ion:142 Resp: 831
Ion Ratio Lower Upper
142 100
141 93.0 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.113 min Scan# 2051
Delta R.T. -0.037 min
Lab File: BM046121.D
Acq: 20 Jun 2024 13:54

Instrument :
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ClientSampleId :
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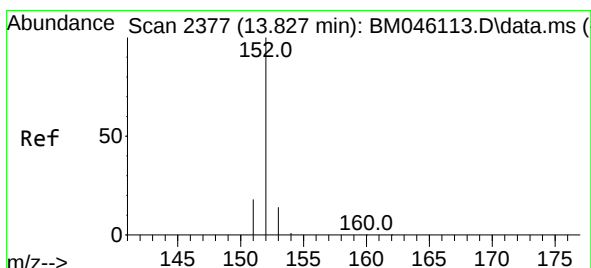
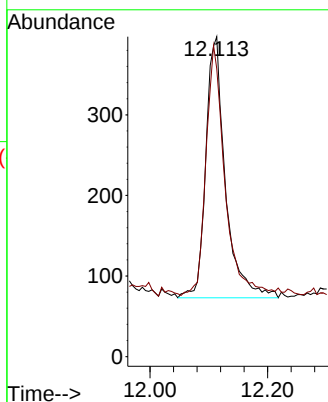
Tgt Ion:142 Resp: 750
Ion Ratio Lower Upper
142 100
141 93.3 75.2 112.8

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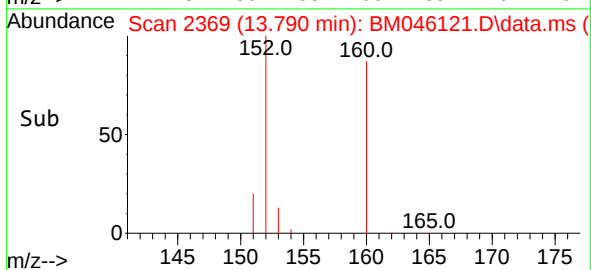
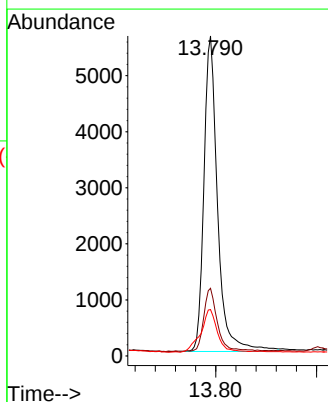
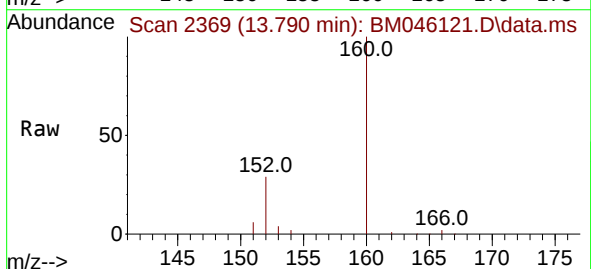
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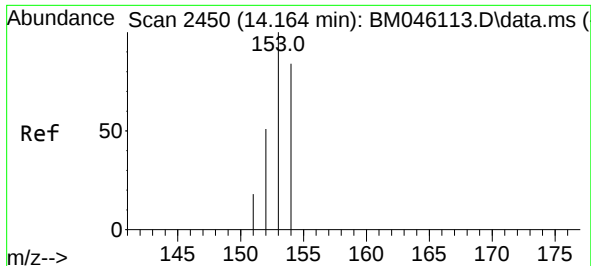
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#10
Acenaphthylene
Concen: 0.460 ng/ul
RT: 13.790 min Scan# 2369
Delta R.T. -0.045 min
Lab File: BM046121.D
Acq: 20 Jun 2024 13:54

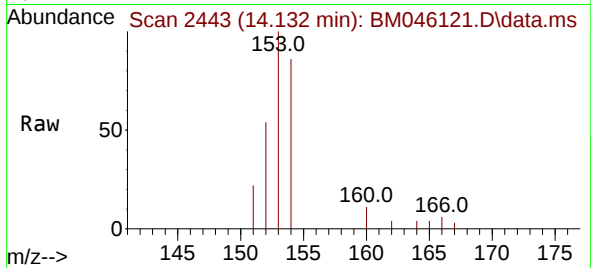
Tgt Ion:152 Resp: 10602
Ion Ratio Lower Upper
152 100
151 21.1 17.4 26.2
153 14.5 11.8 17.8





#11
Acenaphthene
Concen: 0.240 ng/ul
RT: 14.132 min Scan# 2443
Delta R.T. -0.040 min
Lab File: BM046121.D
Acq: 20 Jun 2024 13:54

Instrument :
BNA_M
ClientSampleId :
A4BL7



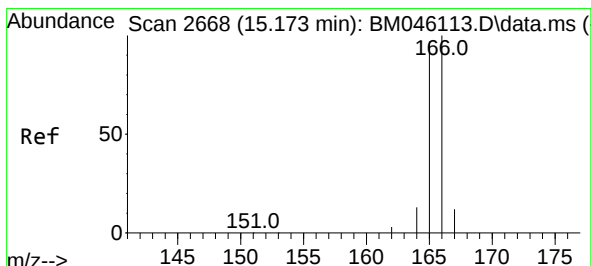
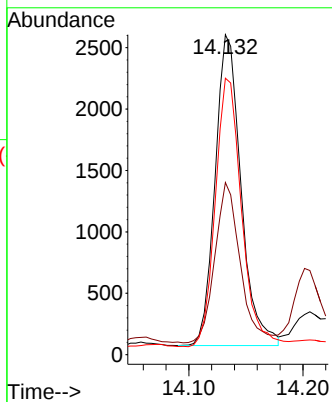
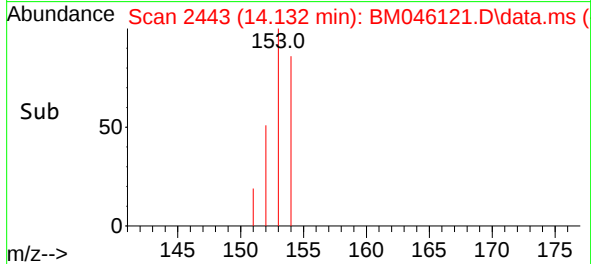
Tgt Ion:153 Resp: 3989
Ion Ratio Lower Upper
153 100
152 53.8 41.3 61.9
154 86.4 68.2 102.4

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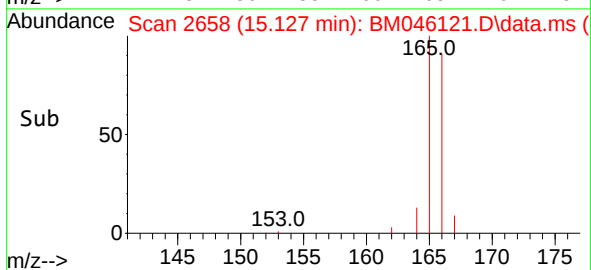
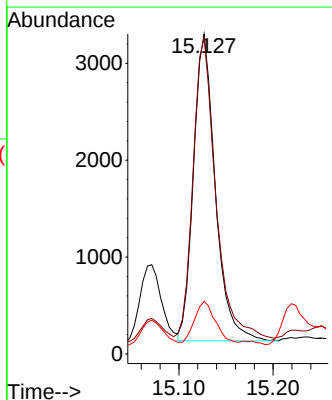
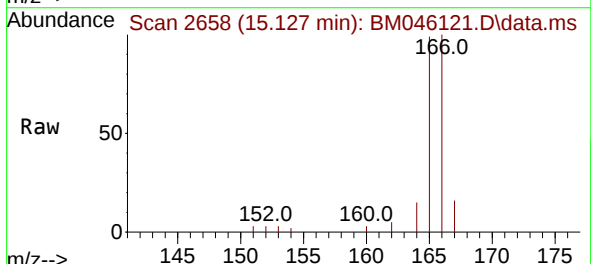
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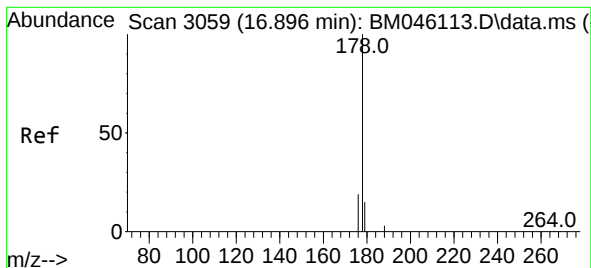
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#12
Fluorene
Concen: 0.286 ng/ul
RT: 15.127 min Scan# 2658
Delta R.T. -0.054 min
Lab File: BM046121.D
Acq: 20 Jun 2024 13:54

Tgt Ion:166 Resp: 5094
Ion Ratio Lower Upper
166 100
165 98.7 80.4 120.6
167 16.5 12.4 18.6





#15

Phenanthrene

Concen: 4.364 ng/ul m

RT: 16.854 min Scan# 3049

Delta R.T. -0.049 min

Lab File: BM046121.D

Acq: 20 Jun 2024 13:54

Instrument :

BNA_M

ClientSampleId :

A4BL7

Tgt Ion:178 Resp: 130760

Ion	Ratio	Lower	Upper
178	100		
179	15.3	14.2	21.2
176	19.5	17.1	25.7

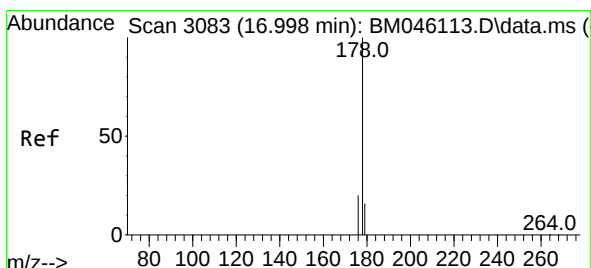
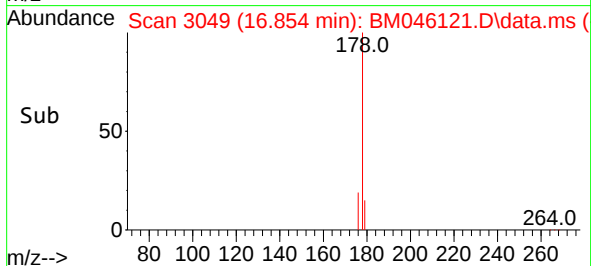
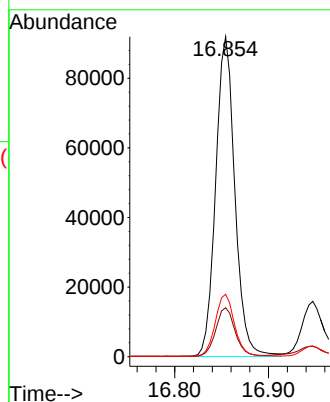
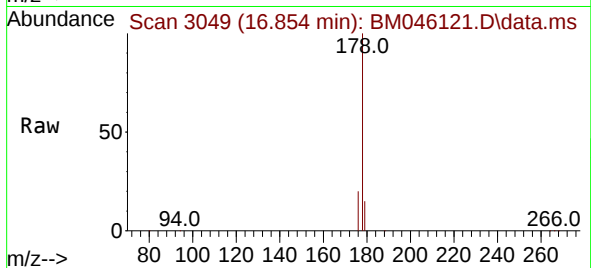
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#16

Anthracene

Concen: 1.192 ng/ul m

RT: 16.947 min Scan# 3071

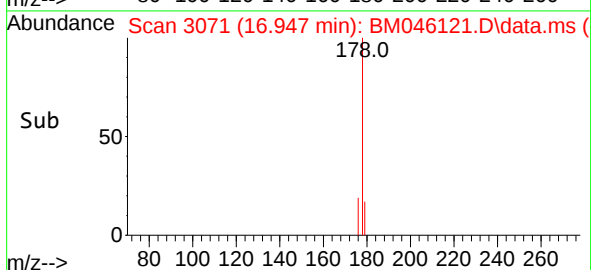
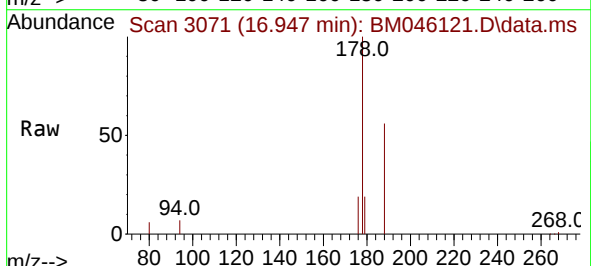
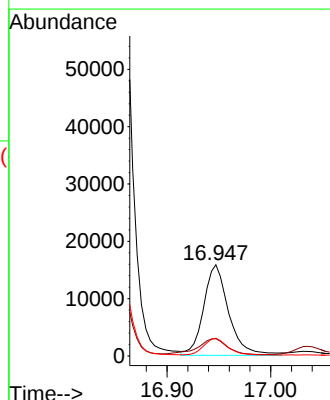
Delta R.T. -0.058 min

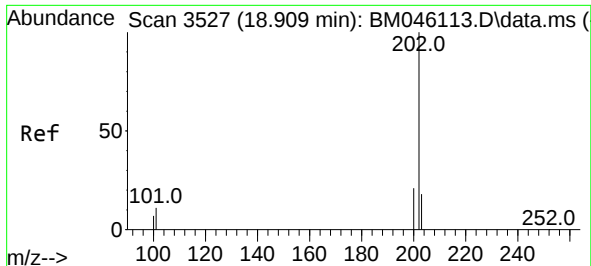
Lab File: BM046121.D

Acq: 20 Jun 2024 13:54

Tgt Ion:178 Resp: 26594

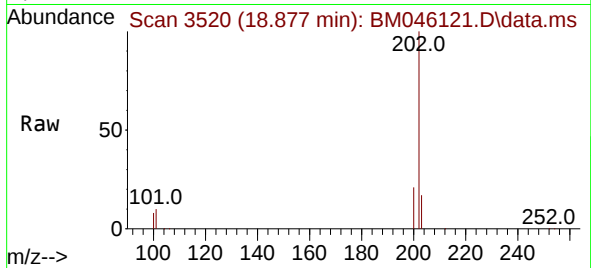
Ion	Ratio	Lower	Upper
178	100		
179	18.9	14.9	22.3
176	19.4	17.0	25.4





#19
Fluoranthene
Concen: 10.717 ng/u1
RT: 18.877 min Scan# 3520
Delta R.T. -0.040 min
Lab File: BM046121.D
Acq: 20 Jun 2024 13:54

Instrument :
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ClientSampleId :
A4BL7



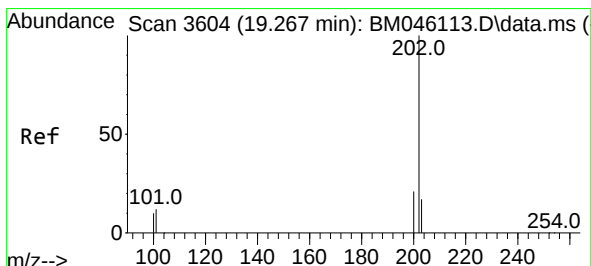
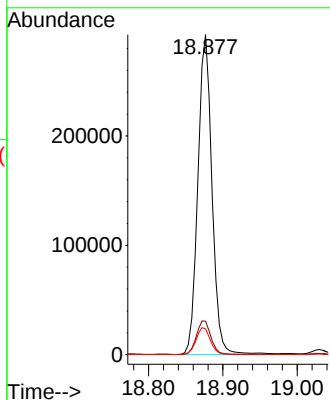
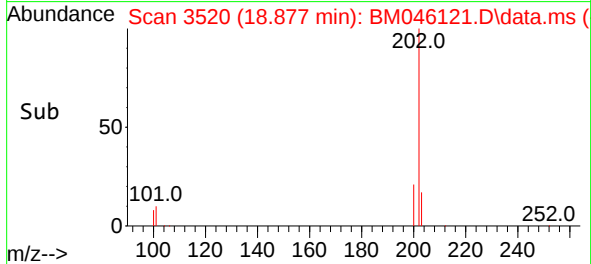
Tgt Ion:202 Resp: 384904
Ion Ratio Lower Upper
202 100
101 10.5 9.6 14.4
100 8.1 7.6 11.4

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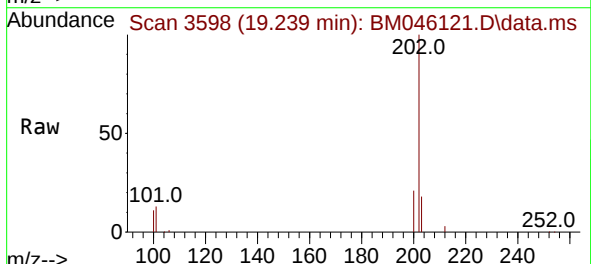
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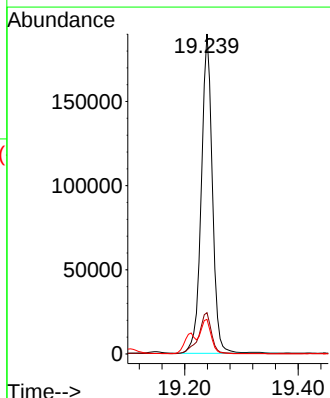
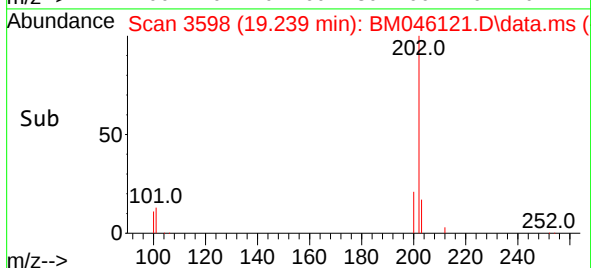
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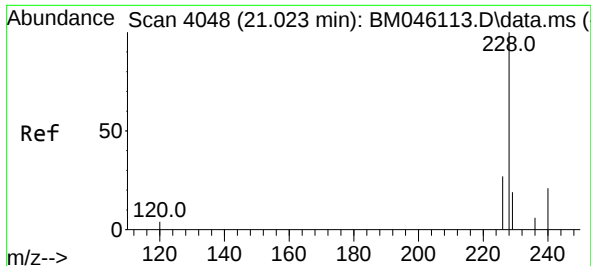


#20
Pyrene
Concen: 6.608 ng/u1
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046121.D
Acq: 20 Jun 2024 13:54



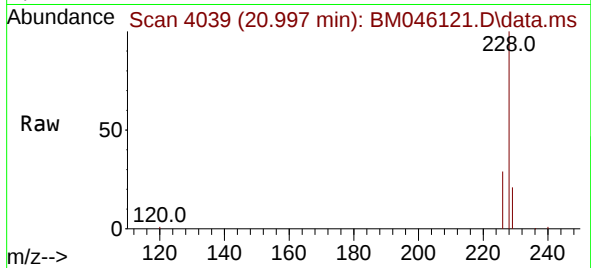
Tgt Ion:202 Resp: 256666
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 10.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 5.221 ng/ul m
RT: 20.997 min Scan# 4039
Delta R.T. -0.032 min
Lab File: BM046121.D
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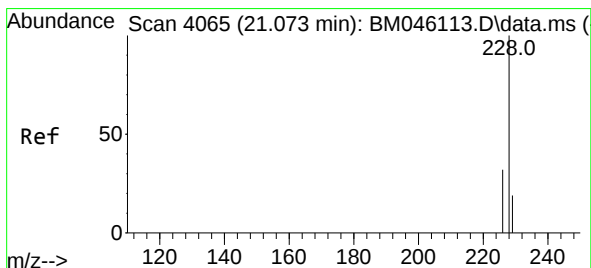
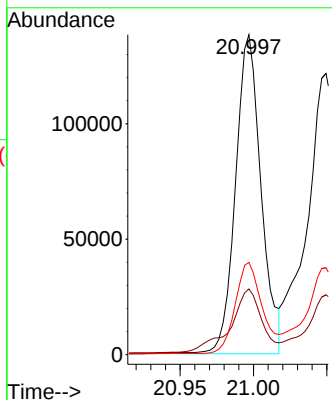
Tgt Ion:228 Resp: 167270
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 28.9 23.4 35.2

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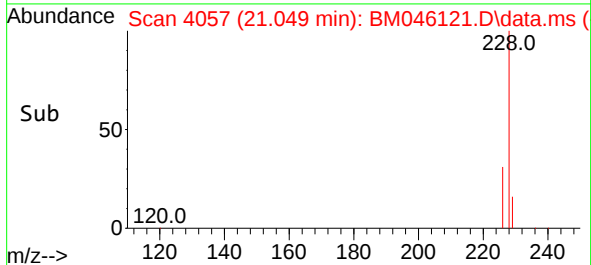
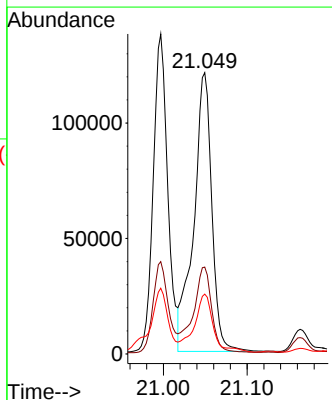
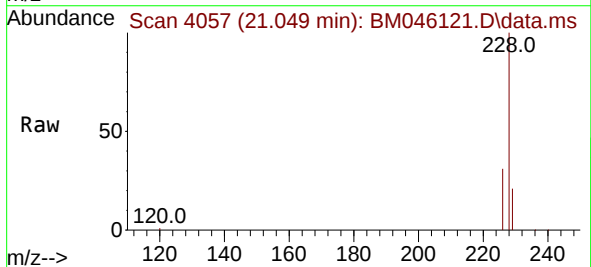
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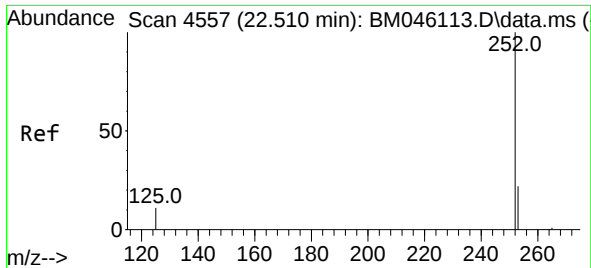
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#22
Chrysene
Concen: 4.424 ng/ul
RT: 21.049 min Scan# 4057
Delta R.T. -0.027 min
Lab File: BM046121.D
Acq: 20 Jun 2024 13:54

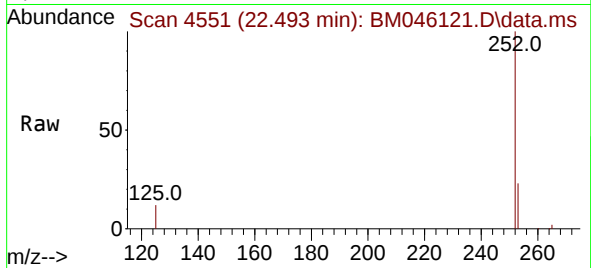
Tgt Ion:228 Resp: 180900
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 21.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 7.464 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.027 min
Lab File: BM046121.D
Acq: 20 Jun 2024 13:54

Instrument :
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ClientSampleId :
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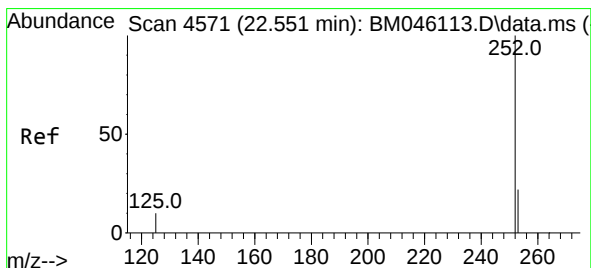
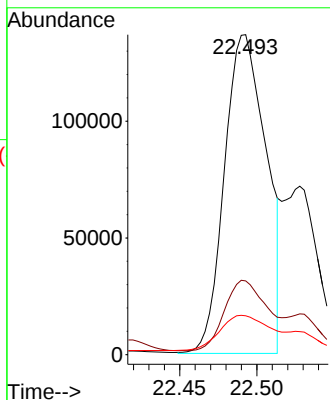
Tgt Ion:252 Resp: 256948
Ion Ratio Lower Upper
252 100
253 23.1 0.0 65.8
125 12.1 0.0 40.2

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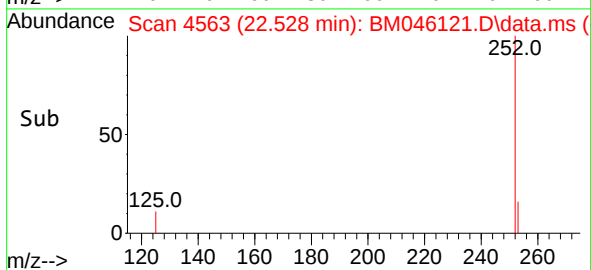
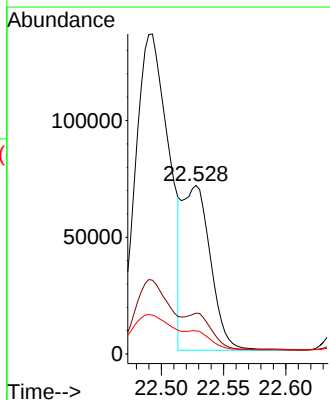
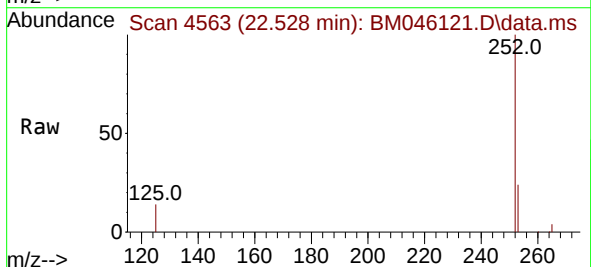
06/21/2024
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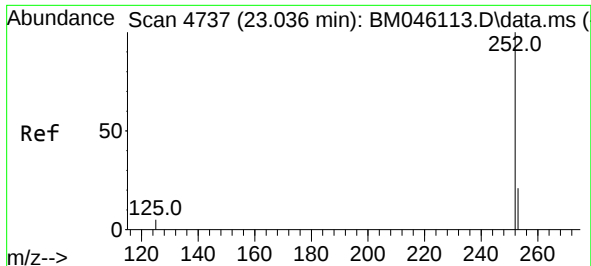
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#25
Benzo(k)fluoranthene
Concen: 2.733 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.035 min
Lab File: BM046121.D
Acq: 20 Jun 2024 13:54

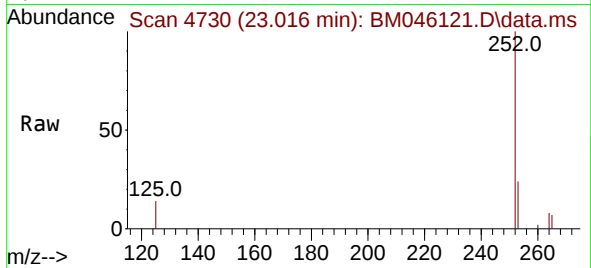
Tgt Ion:252 Resp: 111835
Ion Ratio Lower Upper
252 100
253 24.2 27.2 40.8#
125 13.7 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 2.958 ng/ul
RT: 23.016 min Scan# 41
Delta R.T. -0.038 min
Lab File: BM046121.D
Acq: 20 Jun 2024 13:54

Instrument :
BNA_M
ClientSampleId :
A4BL7



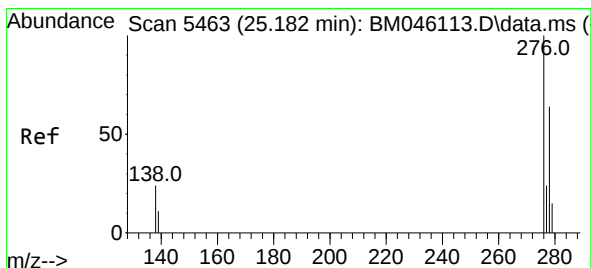
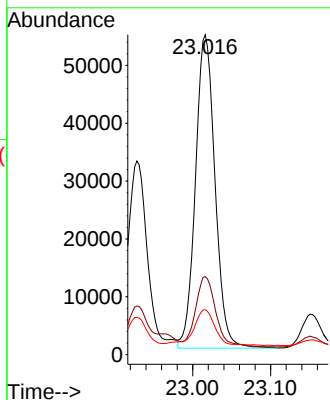
Tgt Ion:252 Resp: 9435
Ion Ratio Lower Upper
252 100
253 24.4 32.1 48.1
125 14.0 21.2 31.8

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

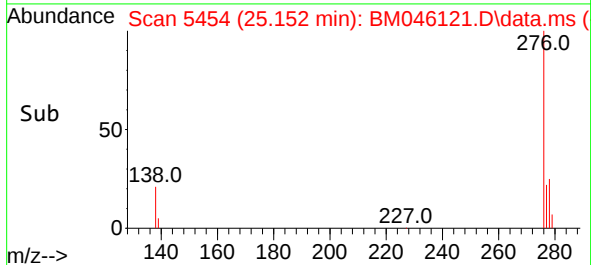
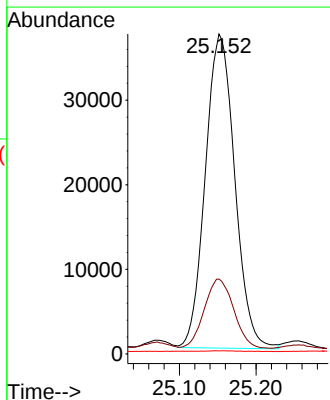
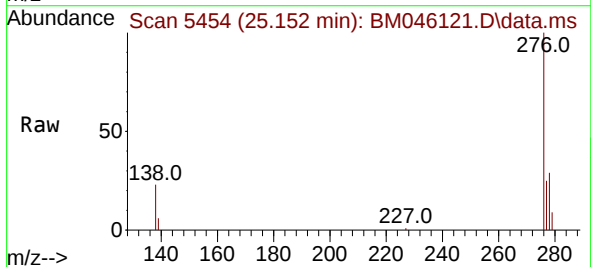
06/21/2024
Supervised By :mohammad
ahmed

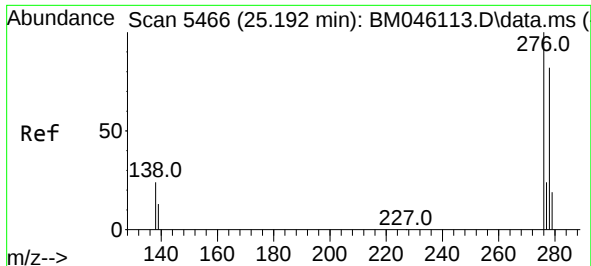
06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.897 ng/ul
RT: 25.152 min Scan# 5454
Delta R.T. -0.051 min
Lab File: BM046121.D
Acq: 20 Jun 2024 13:54

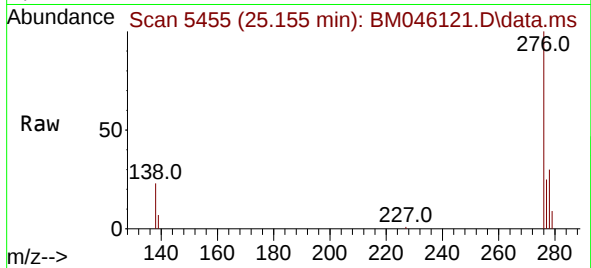
Tgt Ion:276 Resp: 99050
Ion Ratio Lower Upper
276 100
138 22.1 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.807 ng/ul
RT: 25.155 min Scan# 5466
Delta R.T. -0.061 min
Lab File: BM046121.D
Acq: 20 Jun 2024 13:54

Instrument :
BNA_M
ClientSampleId :
A4BL7



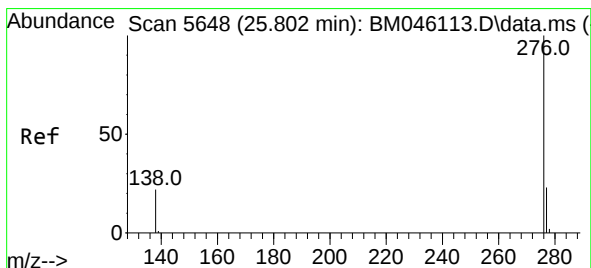
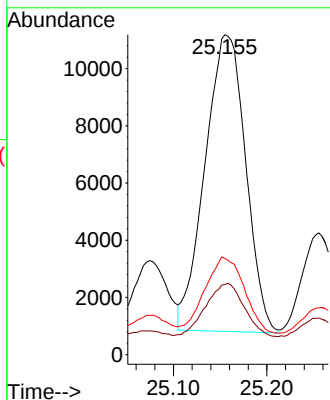
Tgt Ion:278 Resp: 31378
Ion Ratio Lower Upper
278 100
139 22.0 17.6 26.4
279 30.1 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

06/21/2024
Supervised By :mohammad
ahmed

06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.324 ng/ul
RT: 25.779 min Scan# 5641
Delta R.T. -0.051 min
Lab File: BM046121.D
Acq: 20 Jun 2024 13:54

Tgt Ion:276 Resp: 14525
Ion Ratio Lower Upper
276 100
138 29.5 21.7 32.5
277 29.8 20.4 30.6

