

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046239.D
 Acq On : 23 Jun 2024 17:30
 Operator : MA/JU
 Sample : P2776-18
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C71

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 24 02:32:22 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 : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

06/24/2024
 Supervised By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	2643	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.172	136	8124	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	4603	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.799	188	9991m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.002	240	8183m	0.400	ng/ul	-0.04
23) Perylene-d12	23.095	264	9082m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	12496	3.446	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.794	152	3132	0.287	ng/ul	-0.07
18) Fluoranthene-d10	18.835	212	6760	0.276	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.221	128	1177	0.052	ng/ul#	79
7) 2-Methylnaphthalene	11.866	142	403	0.032	ng/ul	94
8) 1-Methylnaphthalene	12.080	142	398	0.028	ng/ul	89
10) Acenaphthylene	13.771	152	5739	0.263	ng/ul	97
11) Acenaphthene	14.113	153	656	0.042	ng/ul	94
12) Fluorene	15.108	166	1436	0.085	ng/ul#	96
15) Phenanthrene	16.837	178	37956m	1.352	ng/ul	
16) Anthracene	16.930	178	8728m	0.418	ng/ul	
19) Fluoranthene	18.863	202	94206	2.659	ng/ul	98
20) Pyrene	19.225	202	63668	1.662	ng/ul	98
21) Benzo(a)anthracene	20.988	228	42392	1.341	ng/ul	98
22) Chrysene	21.040	228	43713	1.084	ng/ul	98
24) Benzo(b)fluoranthene	22.478	252	62580m	1.913	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	23825m	0.612	ng/ul	
26) Benzo(a)pyrene	23.001	252	21813m	0.719	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.138	276	23307	0.470	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.141	278	7766	0.210	ng/ul#	72
29) Benzo(g,h,i)perylene	25.759	276	3978	0.093	ng/ul#	68

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

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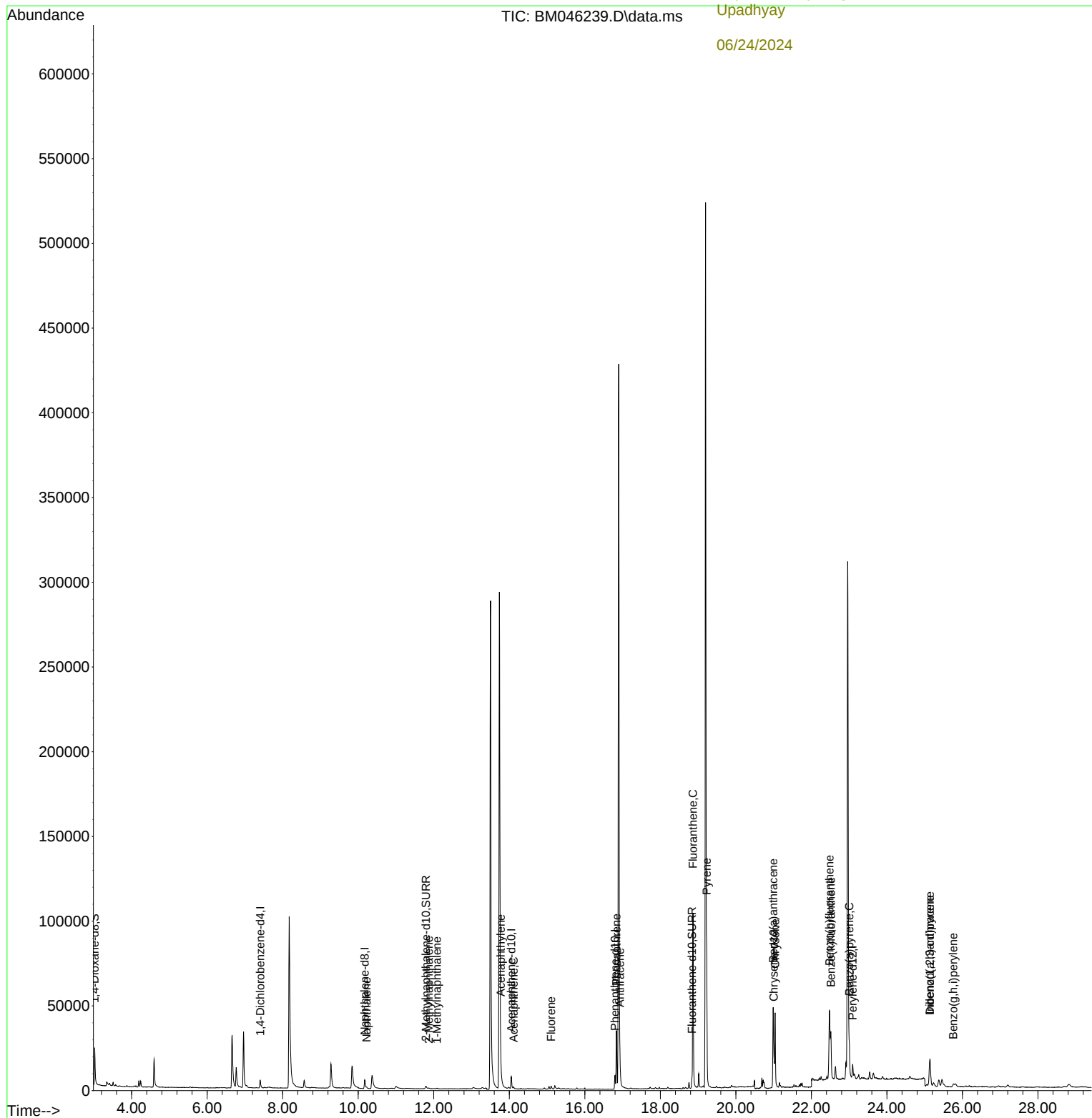
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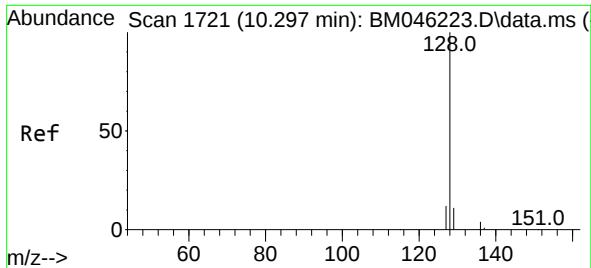
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Quant Time: Jun 24 02:32:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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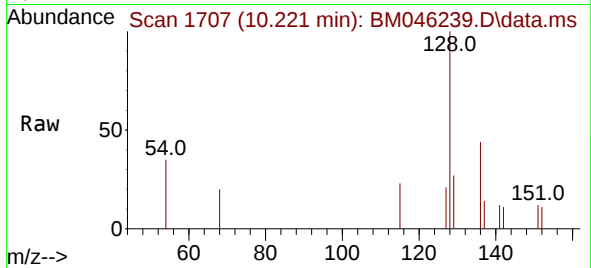
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#5
Naphthalene
Concen: 0.052 ng/u1
RT: 10.221 min Scan# 1721
Delta R.T. -0.081 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

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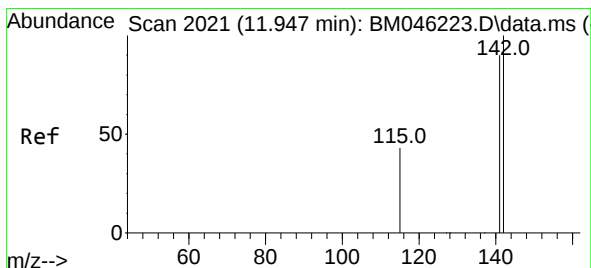
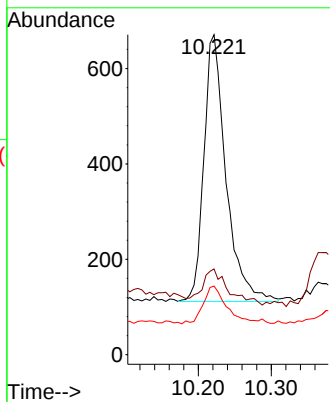
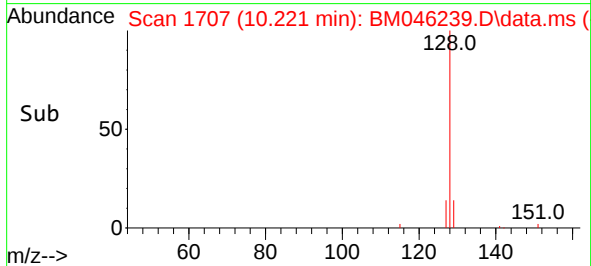
Tgt Ion:128 Resp: 1172
Ion Ratio Lower Upper
128 100
129 26.8 11.8 17.6
127 21.5 12.8 19.2

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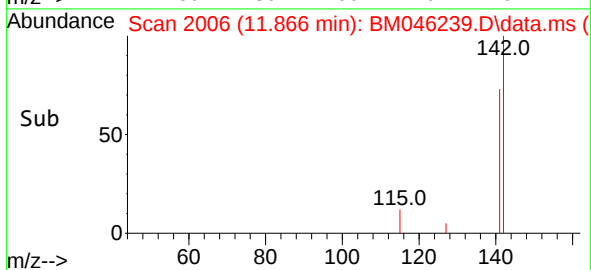
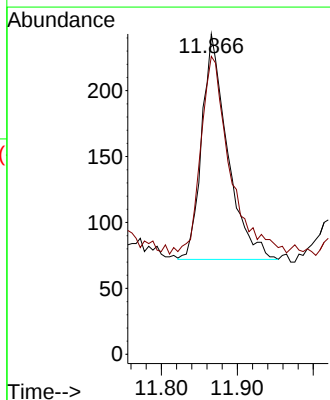
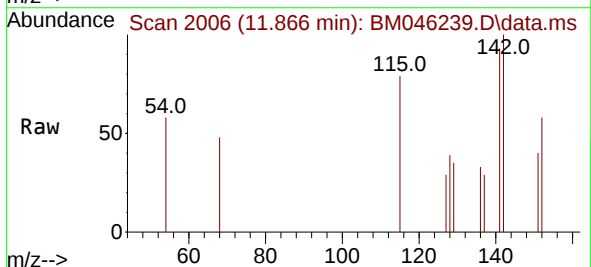
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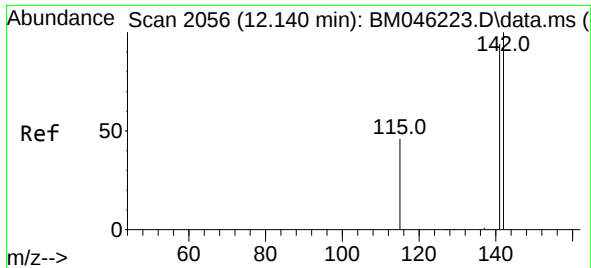
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#7
2-Methylnaphthalene
Concen: 0.032 ng/u1
RT: 11.866 min Scan# 2006
Delta R.T. -0.081 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

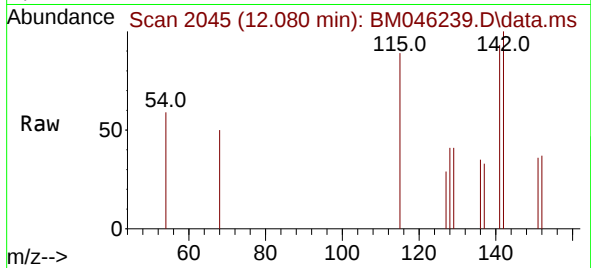
Tgt Ion:142 Resp: 403
Ion Ratio Lower Upper
142 100
141 98.5 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.080 min Scan# 2056
Delta R.T. -0.070 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

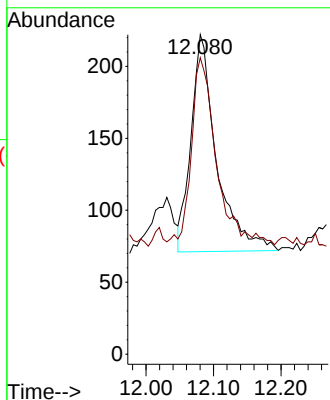
Instrument :
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Tgt Ion:142 Resp: 398
Ion Ratio Lower Upper
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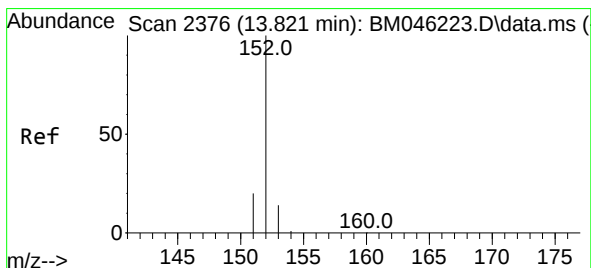
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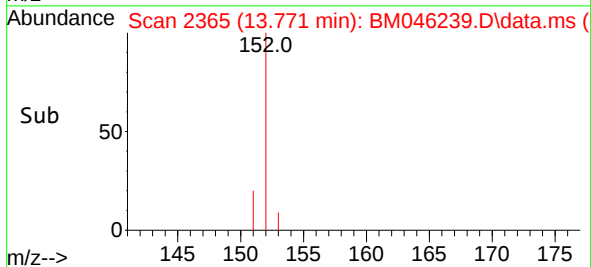
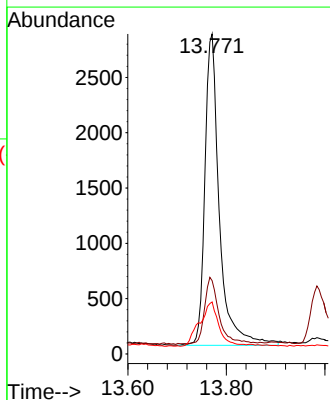
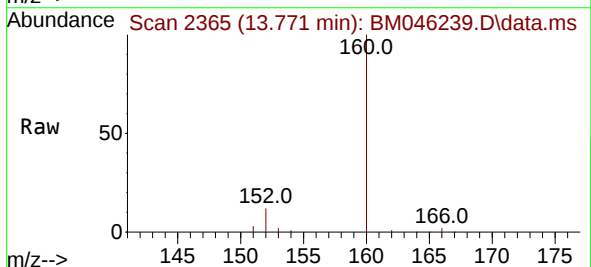
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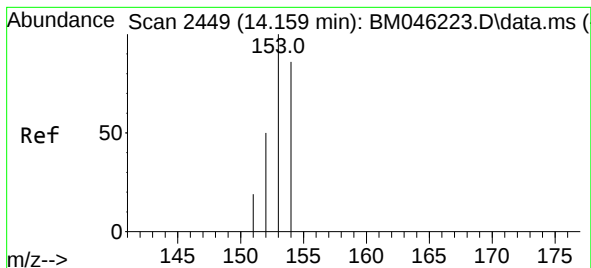
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#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 13.771 min Scan# 2365
Delta R.T. -0.064 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

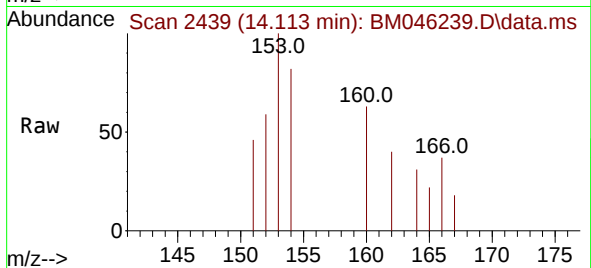
Tgt Ion:152 Resp: 5739
Ion Ratio Lower Upper
152 100
151 22.9 17.4 26.2
153 16.2 11.8 17.8





#11
Acenaphthene
Concen: 0.042 ng/u1
RT: 14.113 min Scan# 2449
Delta R.T. -0.059 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

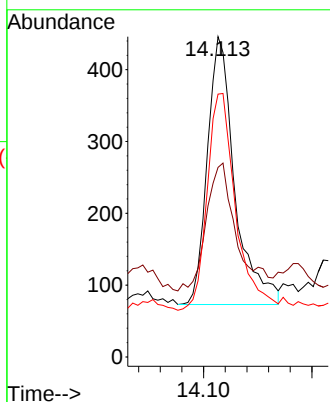
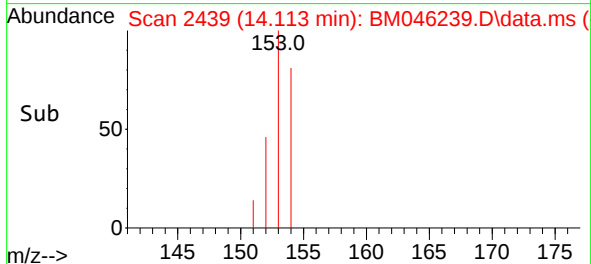
Instrument :
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Tgt Ion:153 Resp: 650
Ion Ratio Lower Upper
153 100
152 59.2 41.3 61.9
154 82.1 68.2 102.4

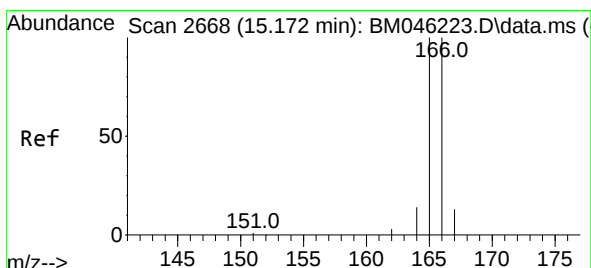
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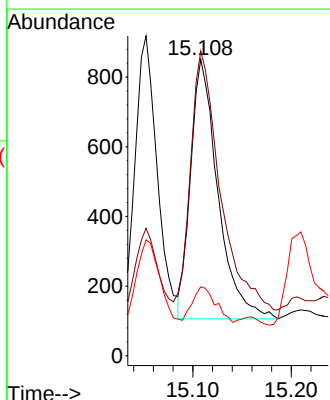
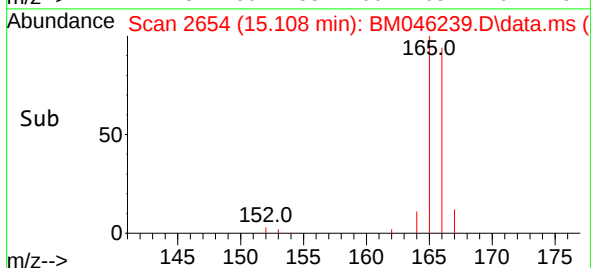
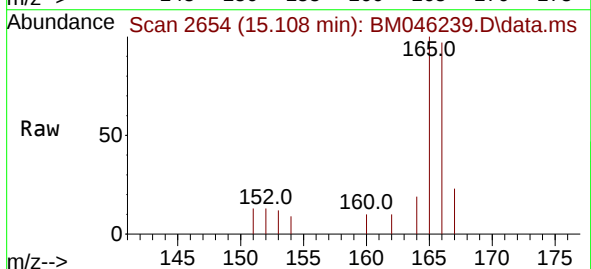
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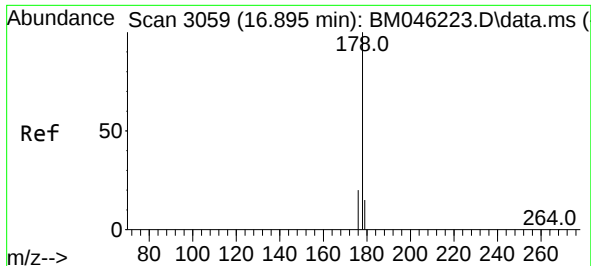
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#12
Fluorene
Concen: 0.085 ng/u1
RT: 15.108 min Scan# 2654
Delta R.T. -0.073 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

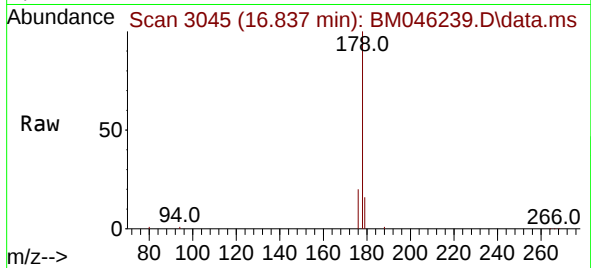
Tgt Ion:166 Resp: 1436
Ion Ratio Lower Upper
166 100
165 102.8 80.4 120.6
167 23.3 12.4 18.6#





#15
Phenanthrene
Concen: 1.352 ng/ul m
RT: 16.837 min Scan# 3045
Delta R.T. -0.066 min
Lab File: BM046239.D
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Instrument :
BNA_M
ClientSampleId :
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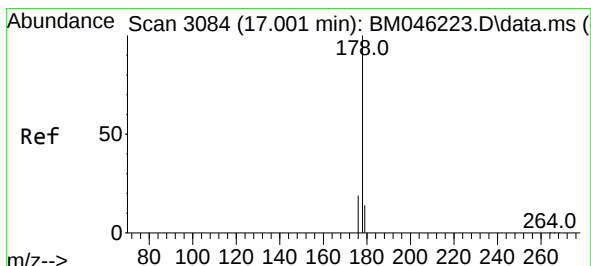
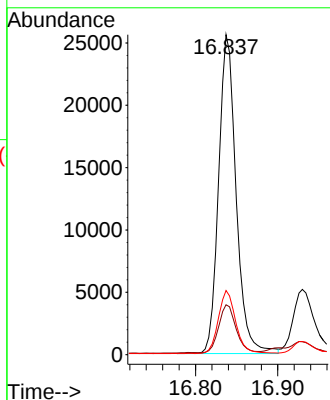
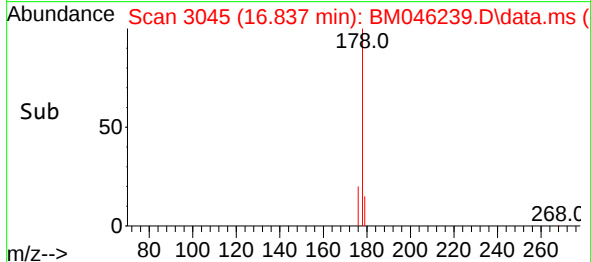
Tgt Ion:178 Resp: 3795
Ion Ratio Lower Upper
178 100
179 15.6 14.2 21.2
176 20.1 17.1 25.7

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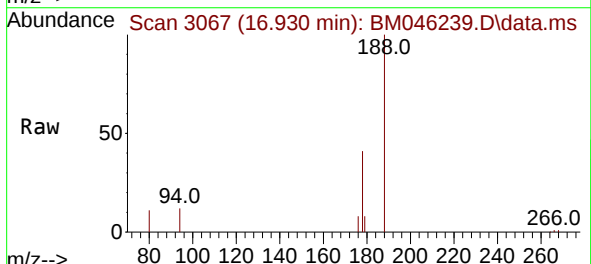
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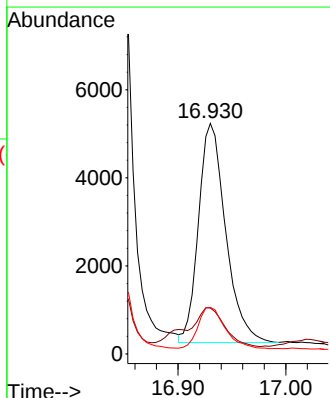
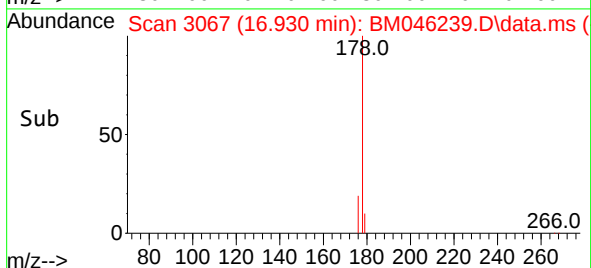
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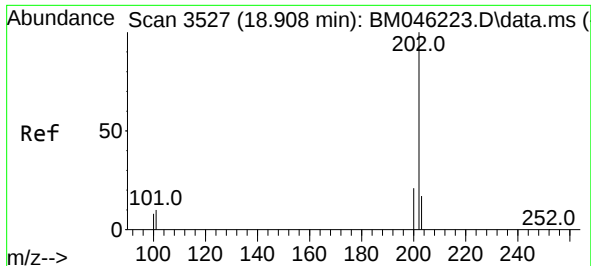


#16
Anthracene
Concen: 0.418 ng/ul m
RT: 16.930 min Scan# 3067
Delta R.T. -0.075 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30



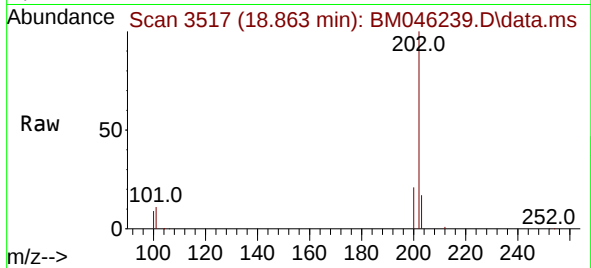
Tgt Ion:178 Resp: 8728
Ion Ratio Lower Upper
178 100
179 19.9 14.9 22.3
176 20.2 17.0 25.4





#19
Fluoranthene
Concen: 2.659 ng/u1
RT: 18.863 min Scan# 31
Delta R.T. -0.055 min
Lab File: BM046239.D
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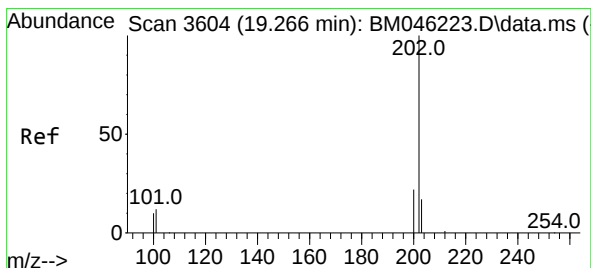
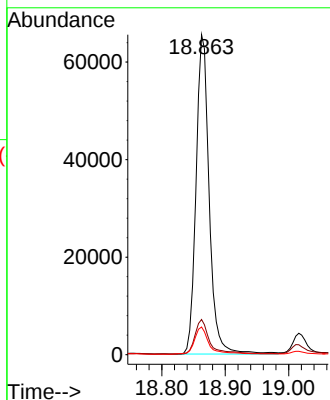
Tgt Ion:202 Resp: 94200
Ion Ratio Lower Upper
202 100
101 11.0 9.6 14.4
100 8.6 7.6 11.4

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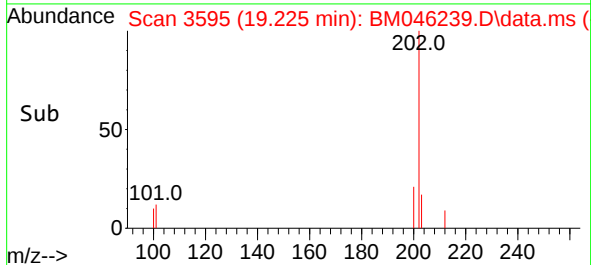
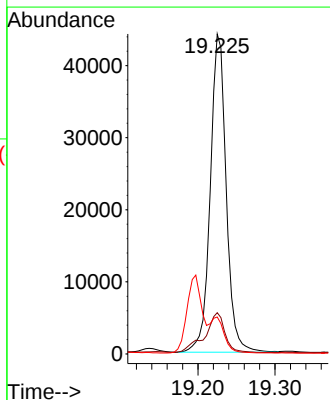
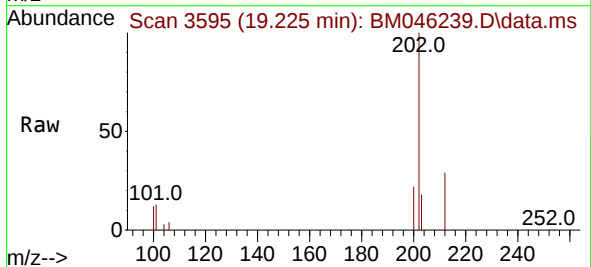
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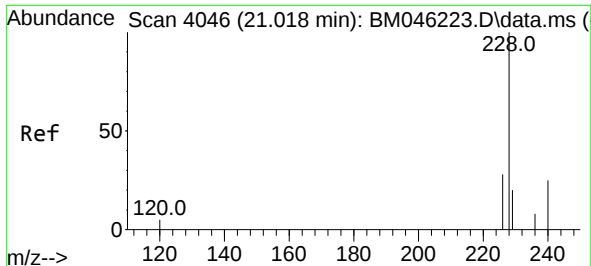
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#20
Pyrene
Concen: 1.662 ng/u1
RT: 19.225 min Scan# 3595
Delta R.T. -0.050 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

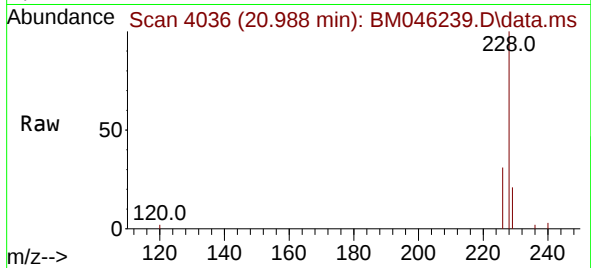
Tgt Ion:202 Resp: 63668
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 11.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.341 ng/ul
RT: 20.988 min Scan# 4054
Delta R.T. -0.041 min
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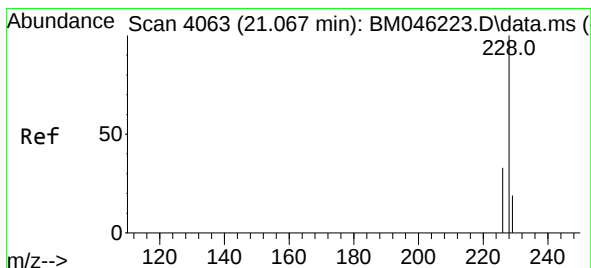
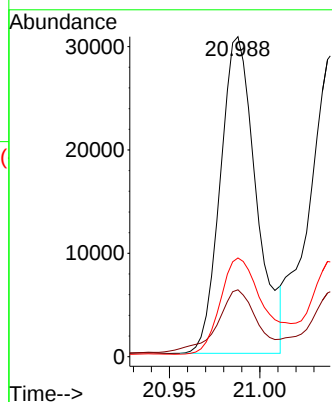
Tgt Ion:228 Resp: 42392
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 30.9 23.4 35.2

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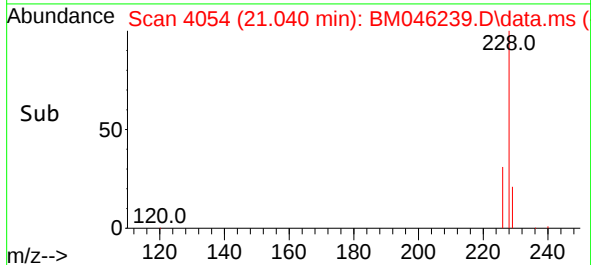
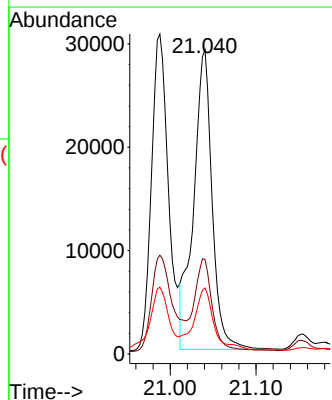
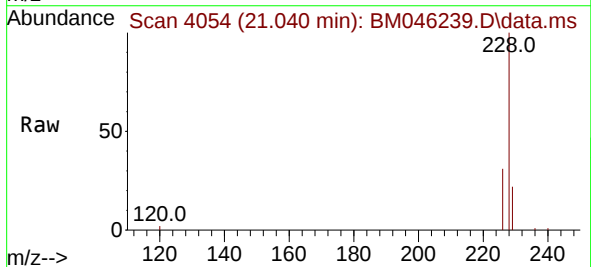
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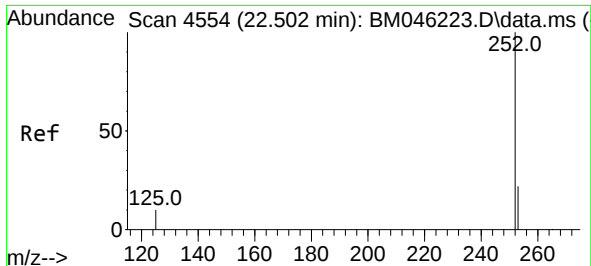
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#22
Chrysene
Concen: 1.084 ng/ul
RT: 21.040 min Scan# 4054
Delta R.T. -0.036 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

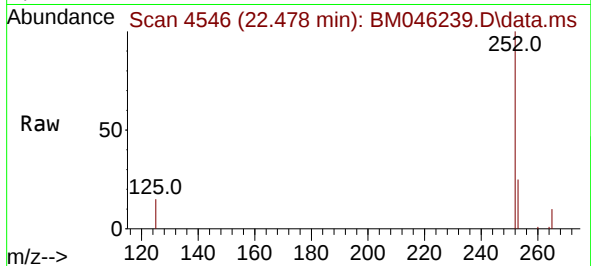
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Ion Ratio Lower Upper
228 100
226 31.1 25.2 37.8
229 21.7 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.913 ng/ul m
RT: 22.478 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

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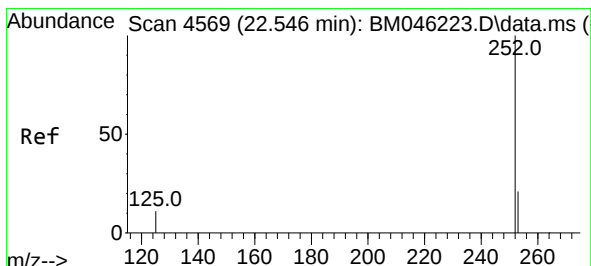
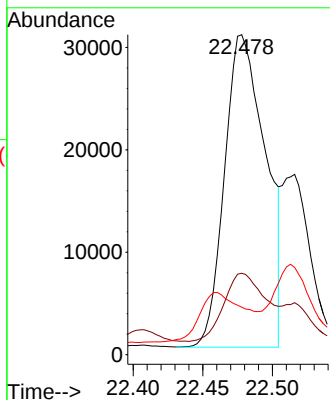
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Ion Ratio Lower Upper
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253 25.5 0.0 65.8
125 14.9 0.0 40.2

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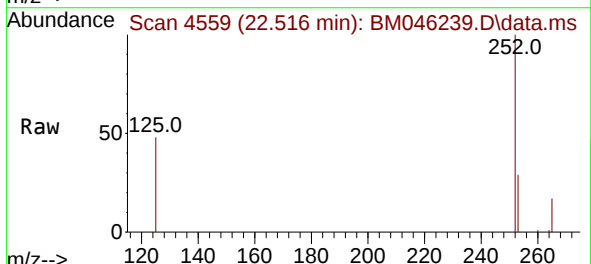
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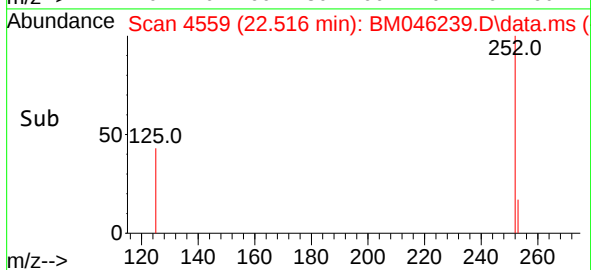
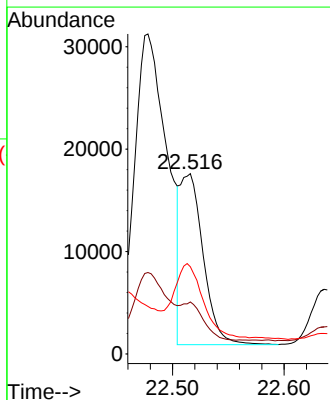
06/24/2024

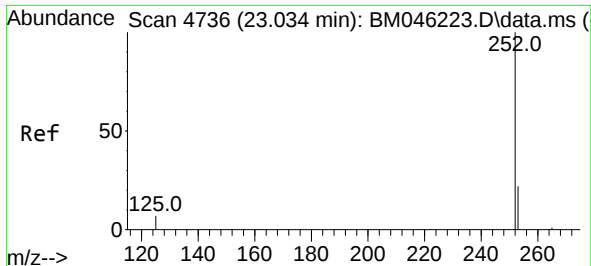


#25
Benzo(k)fluoranthene
Concen: 0.612 ng/ul m
RT: 22.516 min Scan# 4559
Delta R.T. -0.047 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30



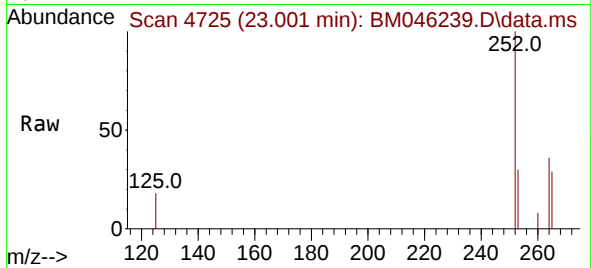
Tgt Ion:252 Resp: 23825
Ion Ratio Lower Upper
252 100
253 28.8 27.2 40.8
125 48.3 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 0.719 ng/ul m
RT: 23.001 min Scan# 4736
Delta R.T. -0.053 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

Instrument :
BNA_M
ClientSampleId :
A4C71



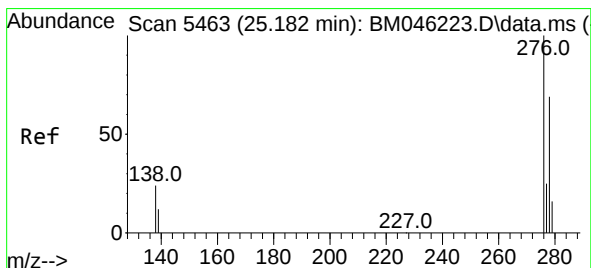
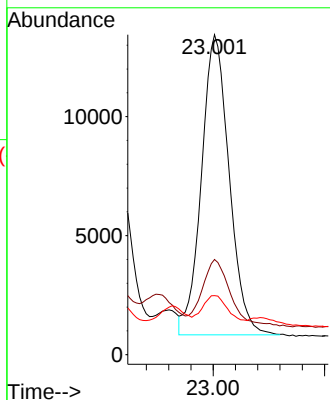
Tgt Ion:252 Resp: 2181
Ion Ratio Lower Upper
252 100
253 29.7 32.1 48.1
125 18.5 21.2 31.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

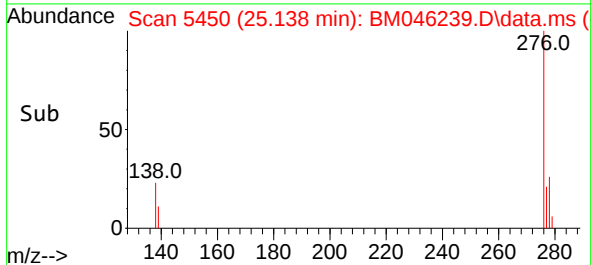
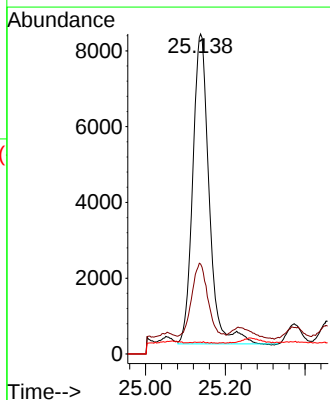
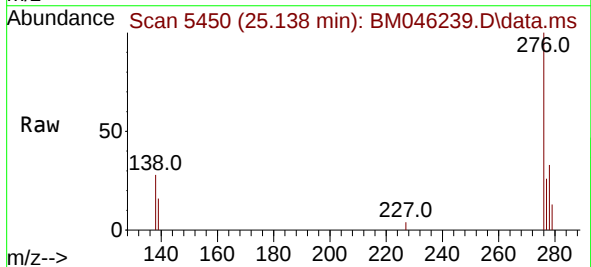
06/24/2024
Supervised By :Jagrut
Upadhyay

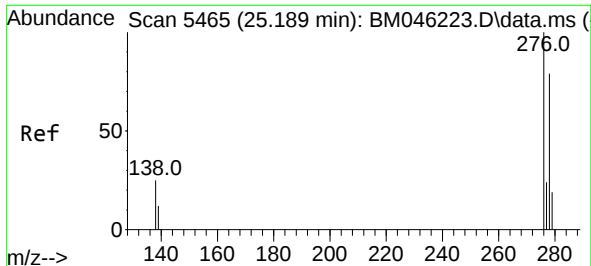
06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.470 ng/ul
RT: 25.138 min Scan# 5450
Delta R.T. -0.064 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

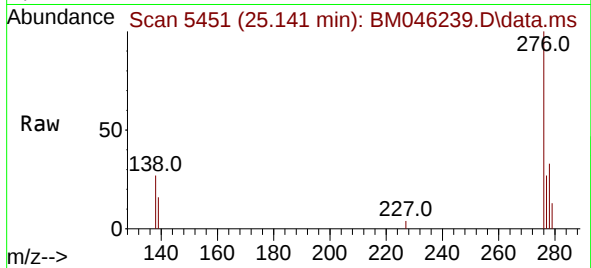
Tgt Ion:276 Resp: 23307
Ion Ratio Lower Upper
276 100
138 27.5 21.0 31.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.210 ng/ul
RT: 25.141 min Scan# 5465
Delta R.T. -0.074 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

Instrument :
BNA_M
ClientSampleId :
A4C71



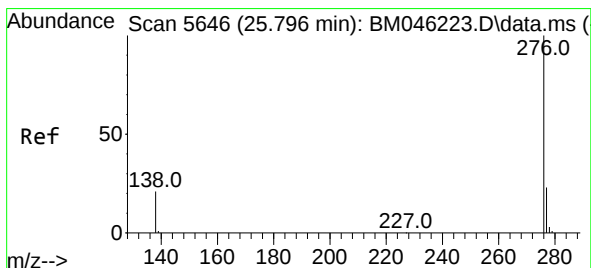
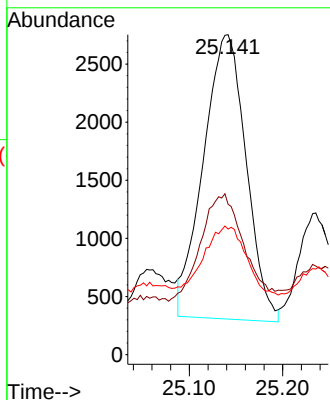
Tgt Ion:278 Resp: 7760
Ion Ratio Lower Upper
278 100
139 47.0 17.6 26.4#
279 39.3 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

06/24/2024
Supervised By :Jagrut
Upadhyay

06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.093 ng/ul
RT: 25.759 min Scan# 5635
Delta R.T. -0.071 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

Tgt Ion:276 Resp: 3978
Ion Ratio Lower Upper
276 100
138 45.3 21.7 32.5#
277 39.7 20.4 30.6#

