

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046240.D
 Acq On : 23 Jun 2024 18:06
 Operator : MA/JU
 Sample : P2775-20DL 5X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D54DL

Manual Integrations
 APPROVED

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

Supervised By :Jagrut
 Upadhyay
 06/24/2024

Quant Time: Jun 24 02:32:38 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2729	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.205	136	8010	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.063	164	4656	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.812	188	9593	0.400	ng/ul	-0.05
17) Chrysene-d12	21.011	240	8343	0.400	ng/ul	-0.03
23) Perylene-d12	23.101	264	9577m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	2504	0.669	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.844	152	462	0.043	ng/ul	-0.02
18) Fluoranthene-d10	18.840	212	1241	0.050	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.260	128	729	0.033	ng/ul#	60
10) Acenaphthylene	13.785	152	1980	0.090	ng/ul#	87
11) Acenaphthene	14.127	153	1051	0.066	ng/ul	93
12) Fluorene	15.131	166	1382	0.081	ng/ul#	98
15) Phenanthrene	16.850	178	25178	0.934	ng/ul	97
16) Anthracene	16.943	178	5435	0.271	ng/ul#	95
19) Fluoranthene	18.872	202	52066	1.441	ng/ul	96
20) Pyrene	19.230	202	40418	1.035	ng/ul	98
21) Benzo(a)anthracene	20.994	228	24097	0.748	ng/ul	98
22) Chrysene	21.044	228	20842	0.507	ng/ul	98
24) Benzo(b)fluoranthene	22.487	252	32273m	0.935	ng/ul	
25) Benzo(k)fluoranthene	22.522	252	10683m	0.260	ng/ul	
26) Benzo(a)pyrene	23.010	252	14014	0.438	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.148	276	13178	0.252	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.155	278	4000	0.103	ng/ul#	72
29) Benzo(g,h,i)perylene	25.769	276	2629	0.059	ng/ul#	64

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

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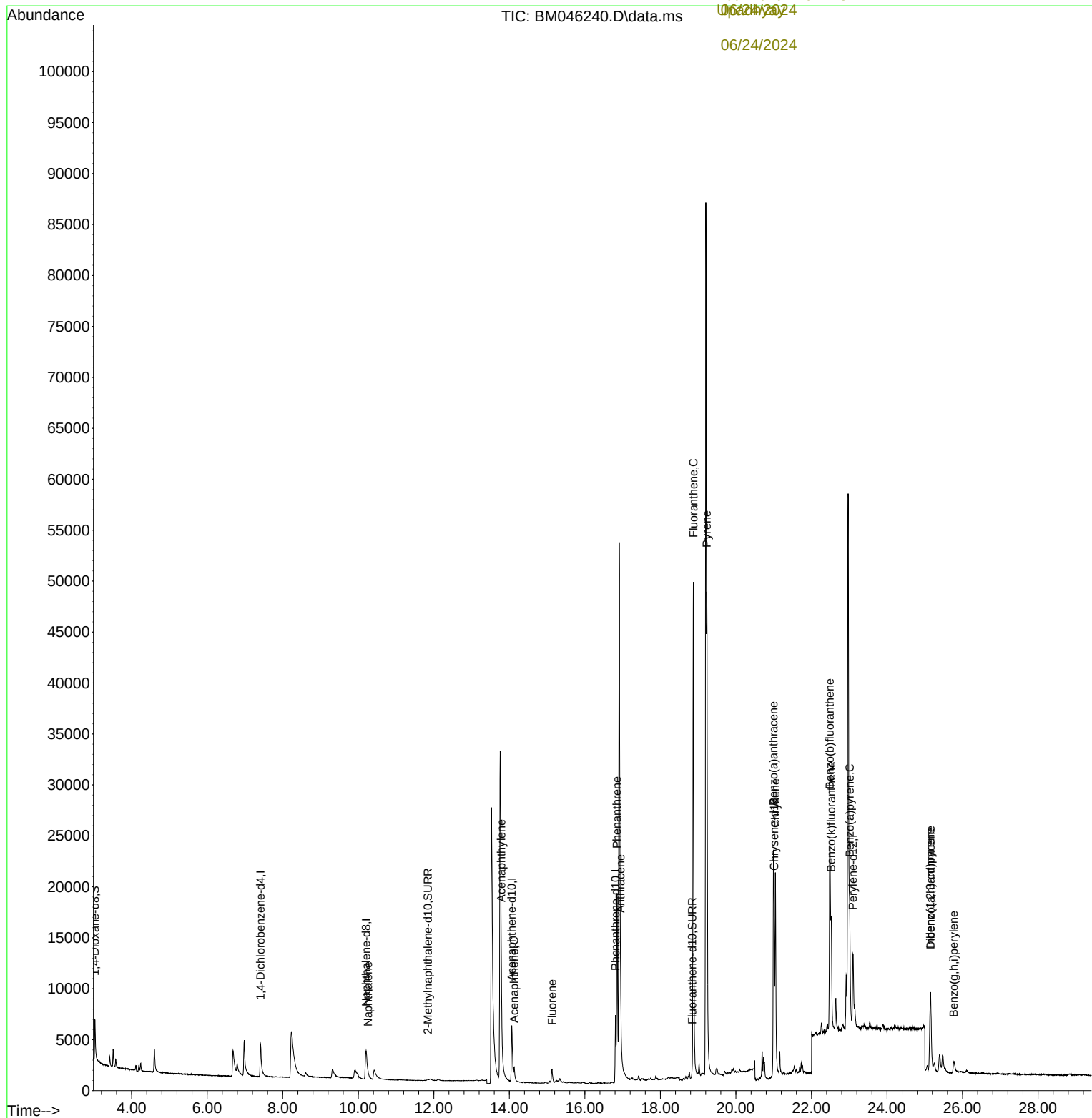
Instrument :
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ClientSampleId :
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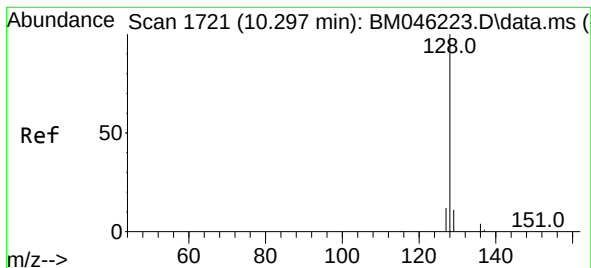
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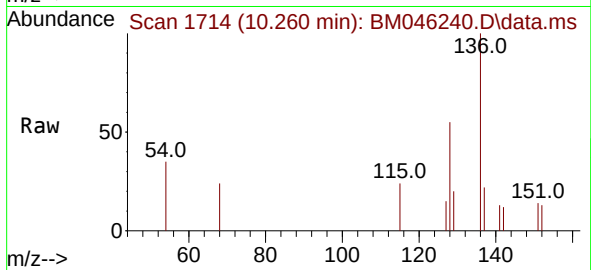
Supervised By:Jagrut
Upadhyay
06/24/2024





#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.260 min Scan# 1714
Delta R.T. -0.043 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06

Instrument :
BNA_M
ClientSampleId :
A4D54DL

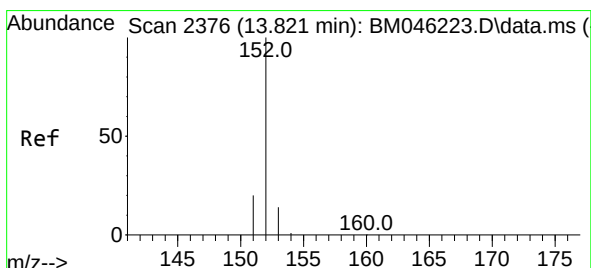
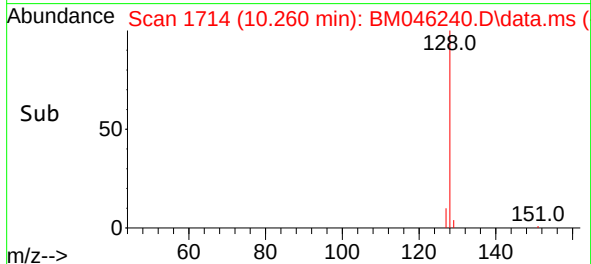
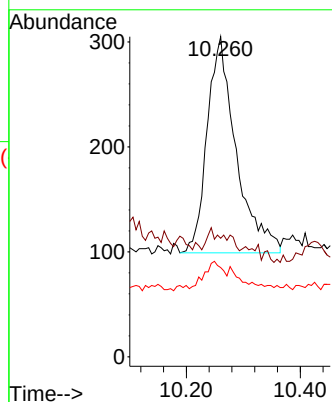


Tgt Ion:128 Resp: 729
Ion Ratio Lower Upper
128 100
129 37.0 11.8 17.6#
127 27.9 12.8 19.2#

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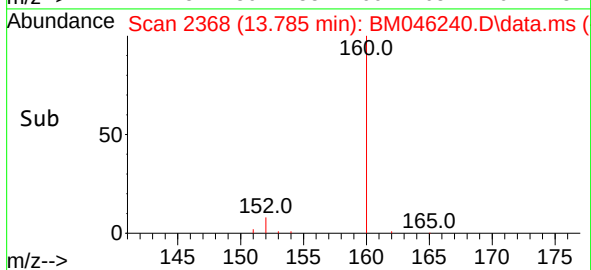
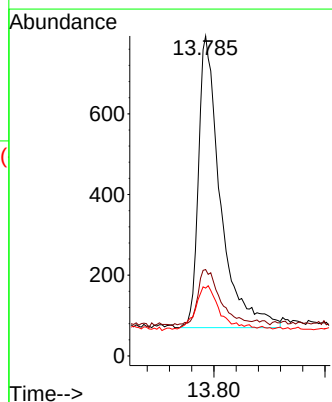
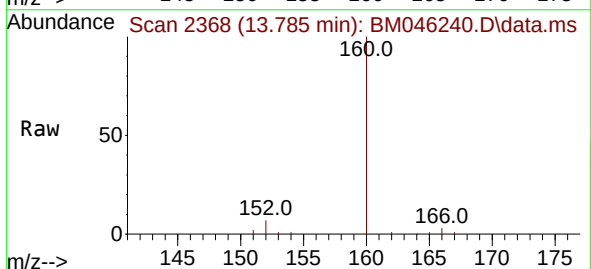
Reviewed By :Yogesh Patel 06/24/2024
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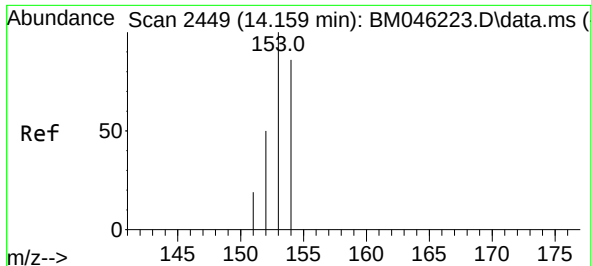
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#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 13.785 min Scan# 2368
Delta R.T. -0.050 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06

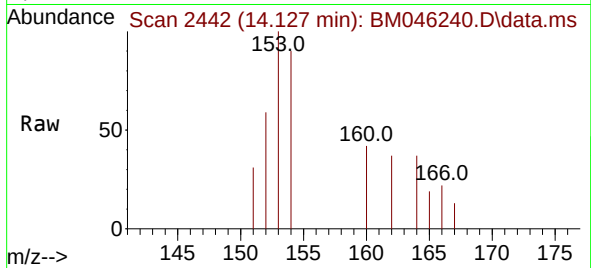
Tgt Ion:152 Resp: 1980
Ion Ratio Lower Upper
152 100
151 27.0 17.4 26.2#
153 21.2 11.8 17.8#





#11
Acenaphthene
Concen: 0.066 ng/ul
RT: 14.127 min Scan# 2442
Delta R.T. -0.045 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06

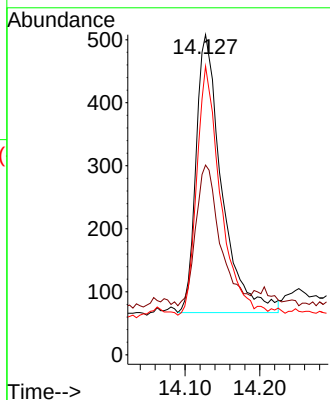
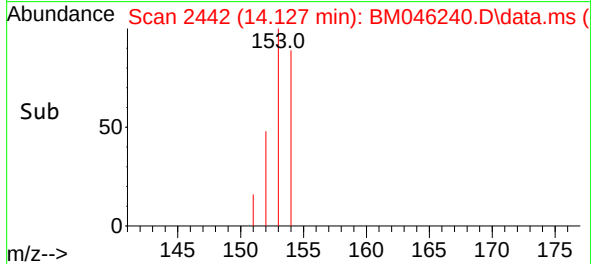
Instrument :
BNA_M
ClientSampleId :
A4D54DL



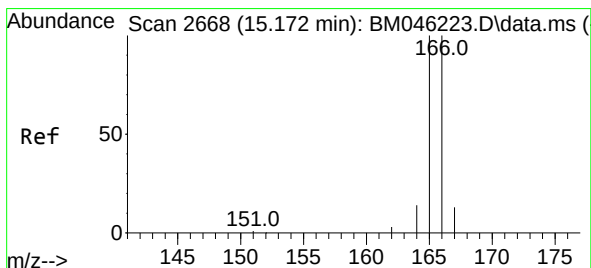
Tgt Ion:153 Resp: 105
Ion Ratio Lower Upper
153 100
152 59.3 41.3 61.9
154 90.2 68.2 102.4

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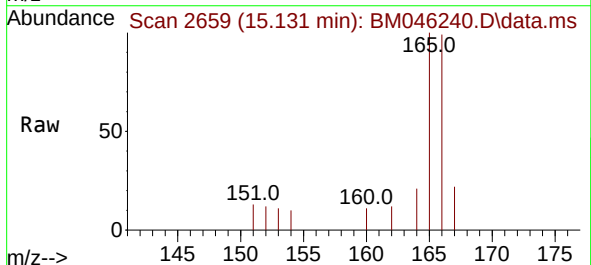
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



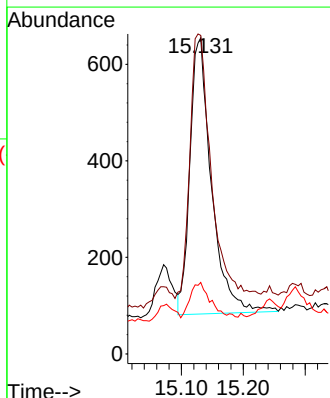
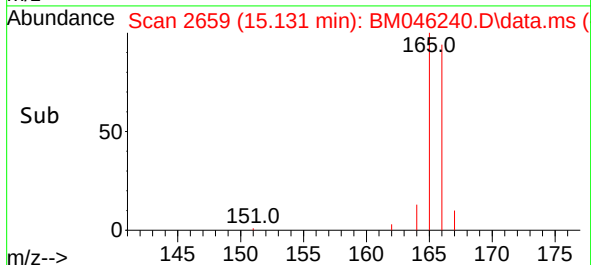
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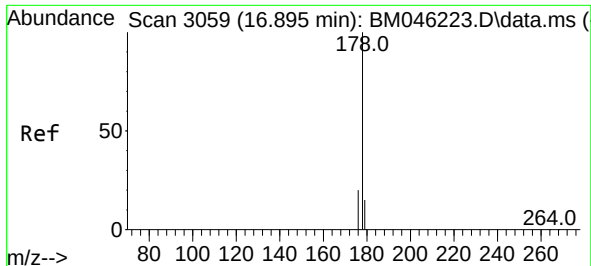


#12
Fluorene
Concen: 0.081 ng/ul
RT: 15.131 min Scan# 2659
Delta R.T. -0.050 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06



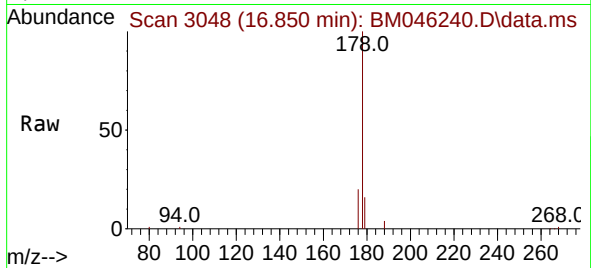
Tgt Ion:166 Resp: 1382
Ion Ratio Lower Upper
166 100
165 100.8 80.4 120.6
167 22.6 12.4 18.6#





#15
Phenanthrene
Concen: 0.934 ng/ul
RT: 16.850 min Scan# 3070
Delta R.T. -0.054 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06

Instrument :
BNA_M
ClientSampleId :
A4D54DL



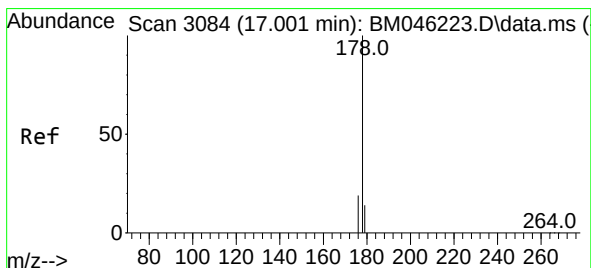
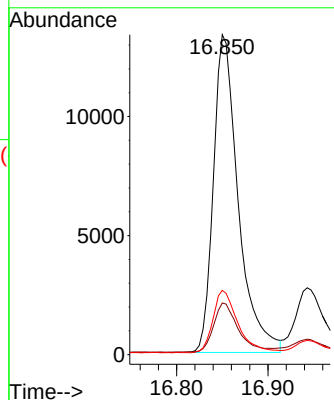
Tgt Ion:178 Resp: 25178
Ion Ratio Lower Upper
178 100
179 16.1 14.2 21.2
176 20.1 17.1 25.7

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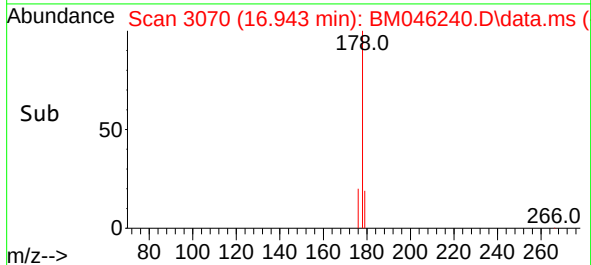
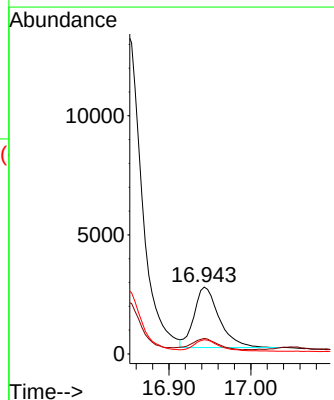
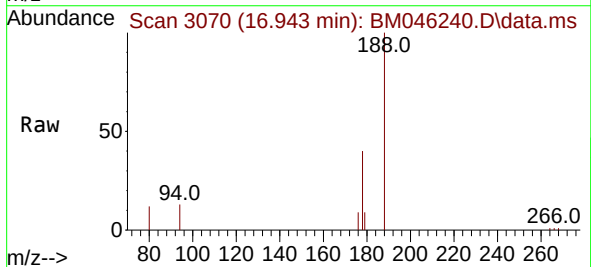
Supervised By :Jagrut
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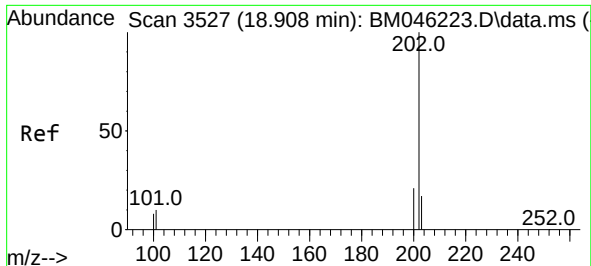
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#16
Anthracene
Concen: 0.271 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.062 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06

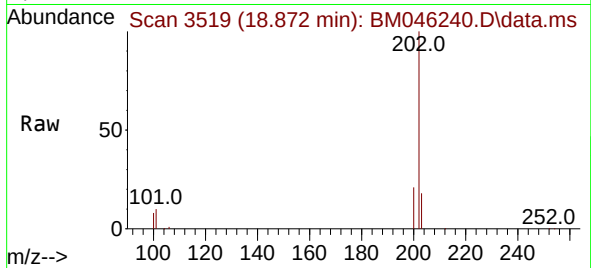
Tgt Ion:178 Resp: 5435
Ion Ratio Lower Upper
178 100
179 23.2 14.9 22.3#
176 21.4 17.0 25.4





#19
Fluoranthene
Concen: 1.441 ng/ul
RT: 18.872 min Scan# 3519
Delta R.T. -0.045 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06

Instrument :
BNA_M
ClientSampleId :
A4D54DL



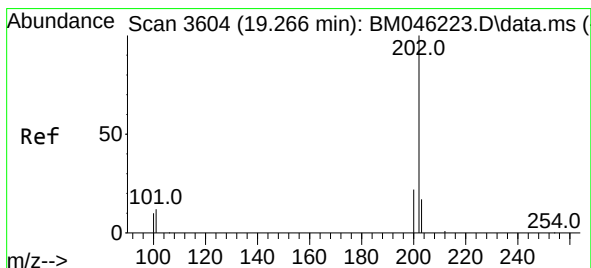
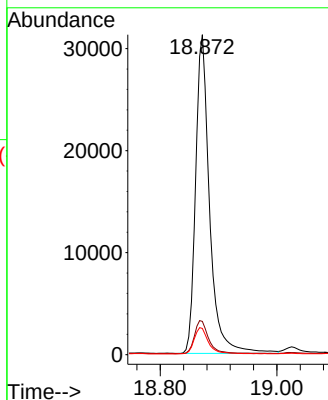
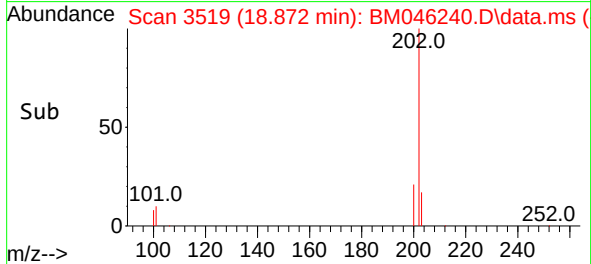
Tgt Ion:202 Resp: 52060
Ion Ratio Lower Upper
202 100
101 10.4 9.6 14.4
100 8.2 7.6 11.4

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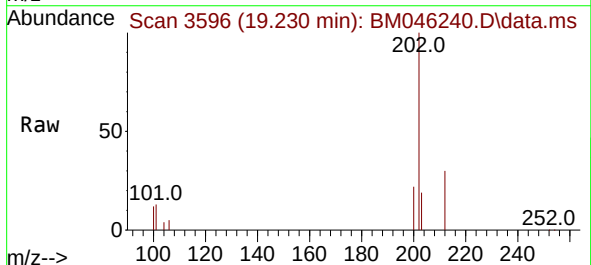
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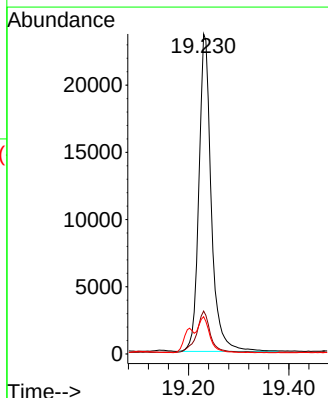
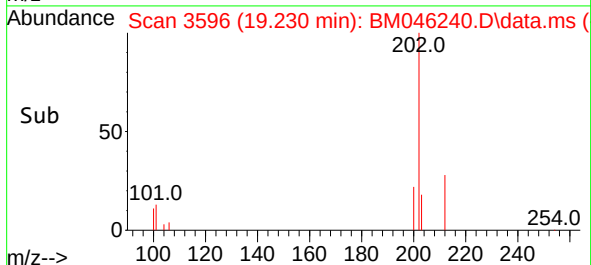
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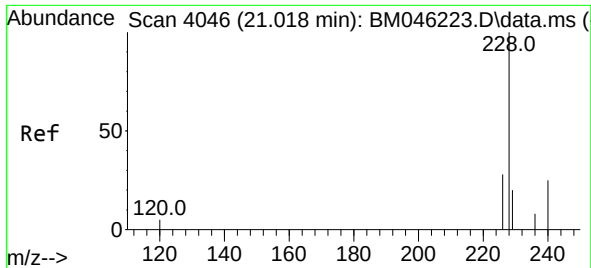


#20
Pyrene
Concen: 1.035 ng/ul
RT: 19.230 min Scan# 3596
Delta R.T. -0.045 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06



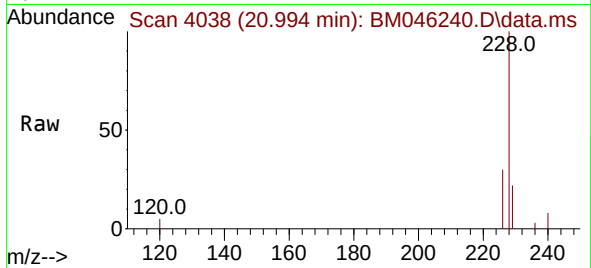
Tgt Ion:202 Resp: 40418
Ion Ratio Lower Upper
202 100
101 13.4 11.3 16.9
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.748 ng/ul
RT: 20.994 min Scan# 4094
Delta R.T. -0.035 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06

Instrument :
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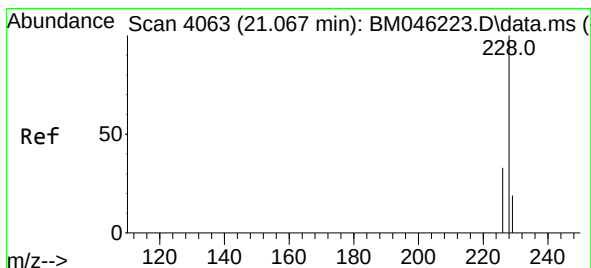
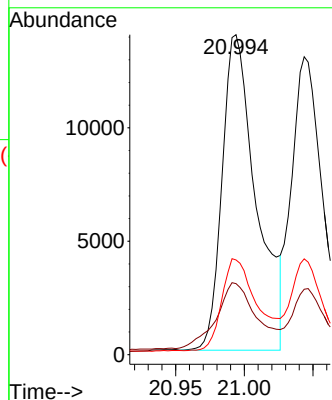


Tgt Ion:228 Resp: 2409
Ion Ratio Lower Upper
228 100
229 22.2 16.4 24.6
226 29.6 23.4 35.2

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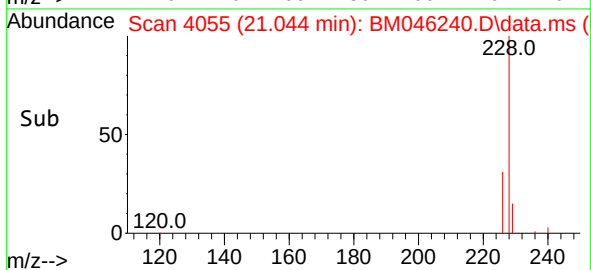
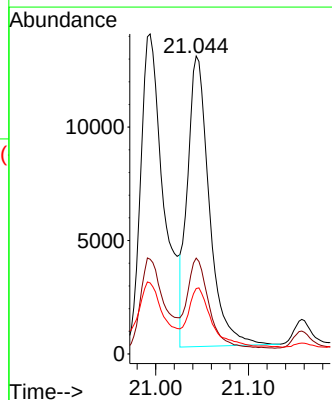
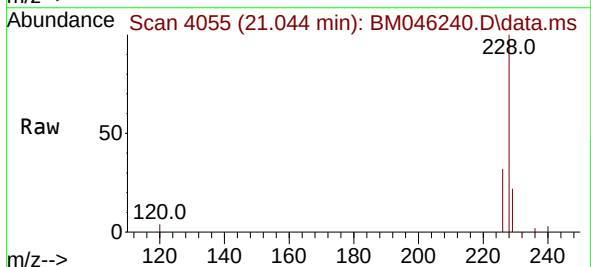
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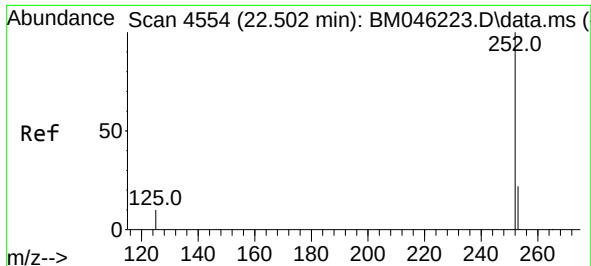
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#22
Chrysene
Concen: 0.507 ng/ul
RT: 21.044 min Scan# 4055
Delta R.T. -0.032 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06

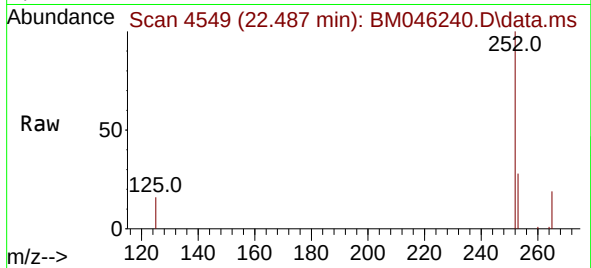
Tgt Ion:228 Resp: 20842
Ion Ratio Lower Upper
228 100
226 32.2 25.2 37.8
229 22.0 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.935 ng/ul m
RT: 22.487 min Scan# 4549
Delta R.T. -0.033 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06

Instrument :
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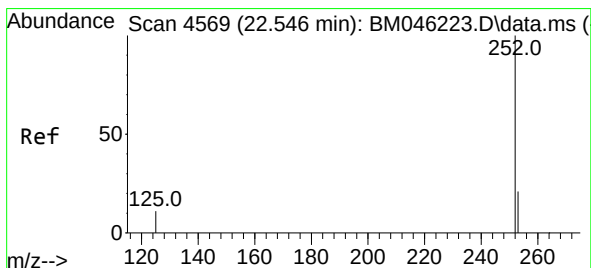
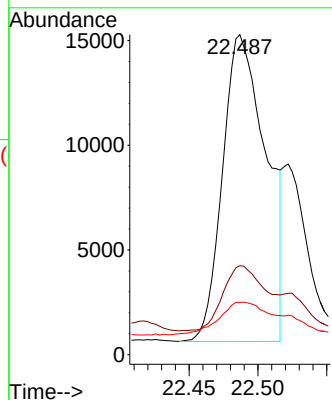
Tgt Ion:252 Resp: 3227
Ion Ratio Lower Upper
252 100
253 27.8 0.0 65.8
125 16.4 0.0 40.2

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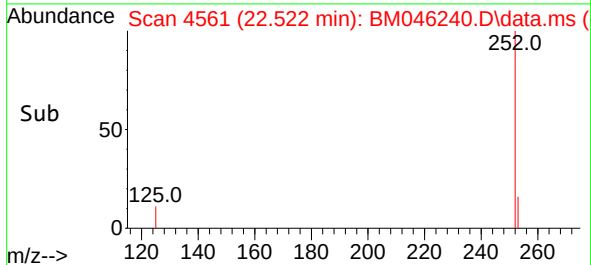
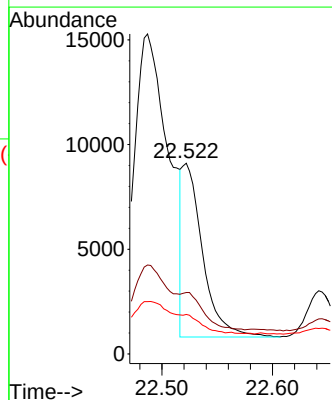
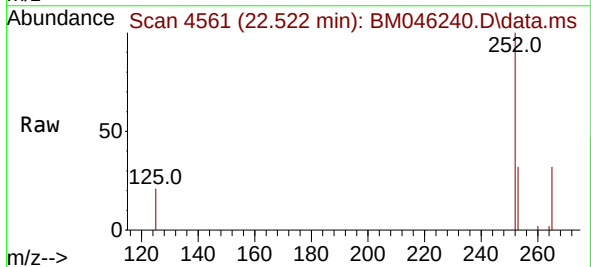
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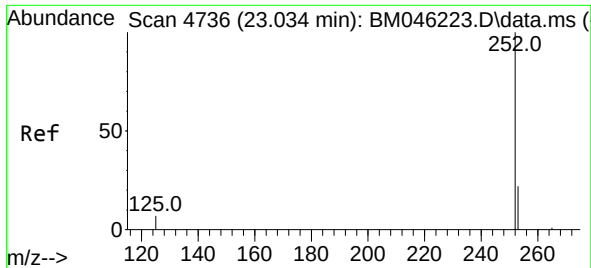
06/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.260 ng/ul m
RT: 22.522 min Scan# 4561
Delta R.T. -0.041 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06

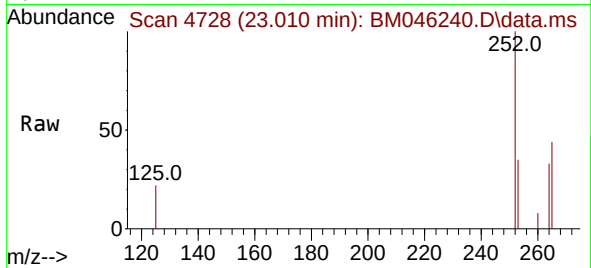
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Ion Ratio Lower Upper
252 100
253 32.2 27.2 40.8
125 20.8 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.438 ng/ul
RT: 23.010 min Scan# 4728
Delta R.T. -0.044 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06

Instrument :
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ClientSampleId :
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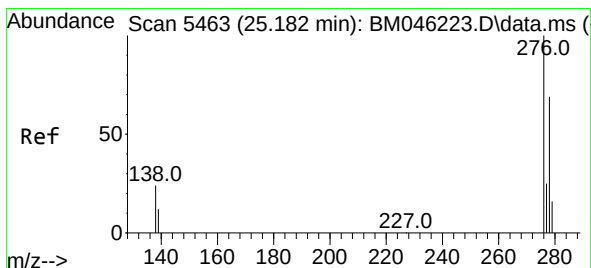
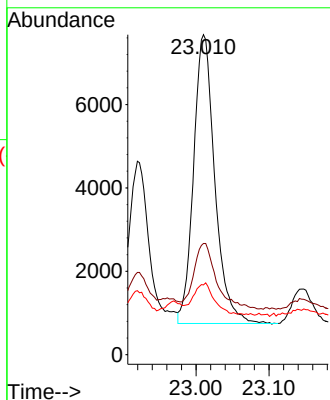
Tgt Ion:252 Resp: 14014
Ion Ratio Lower Upper
252 100
253 34.7 32.1 48.1
125 21.8 21.2 31.8

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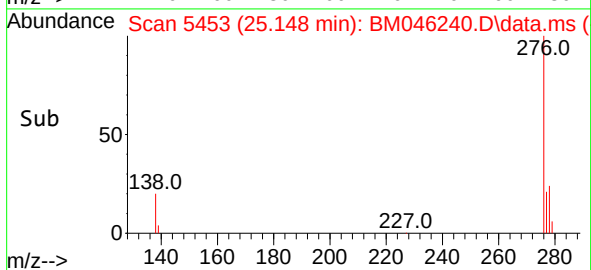
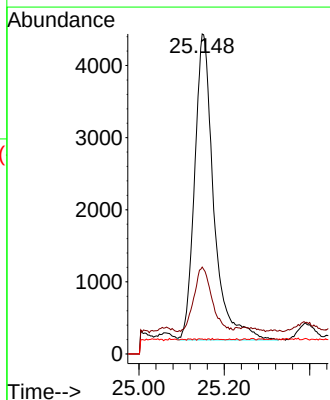
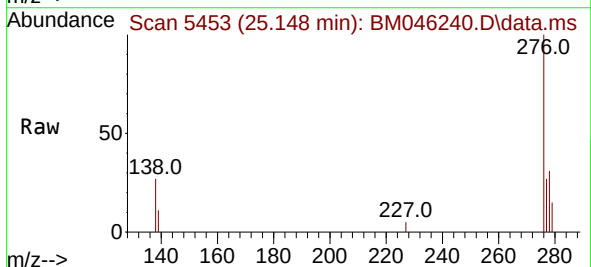
Supervised By :Jagrut Upadhyay
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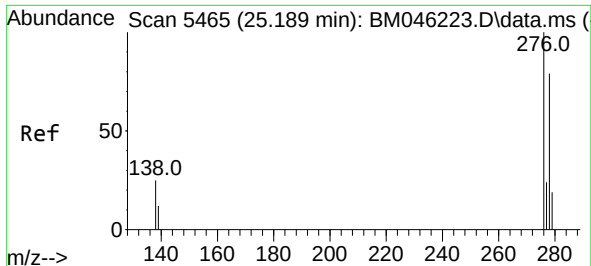
06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng/ul
RT: 25.148 min Scan# 5453
Delta R.T. -0.054 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06

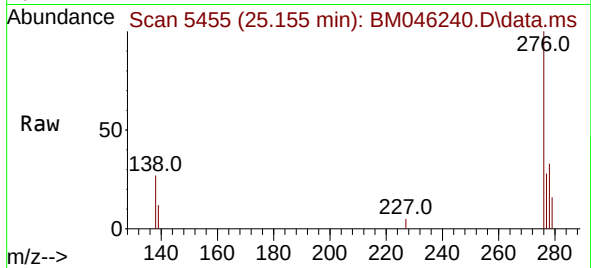
Tgt Ion:276 Resp: 13178
Ion Ratio Lower Upper
276 100
138 19.8 21.0 31.4#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 25.155 min Scan# 5465
Delta R.T. -0.061 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06

Instrument :
BNA_M
ClientSampleId :
A4D54DL



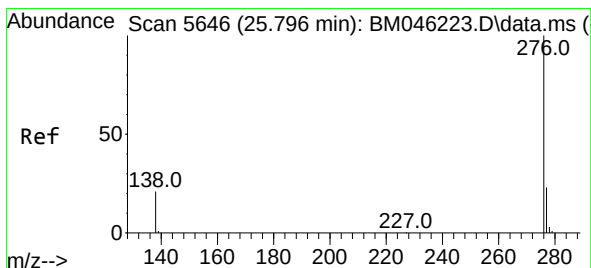
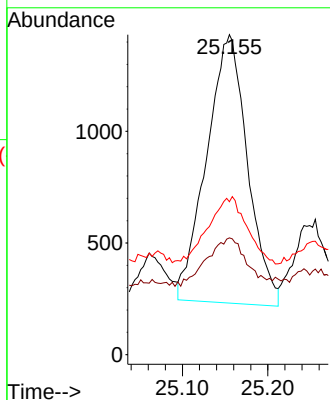
Tgt Ion:278 Resp: 4000
Ion Ratio Lower Upper
278 100
139 36.5 17.6 26.4#
279 47.8 26.3 39.5#

Manual Integrations
APPROVED

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

Supervised By :Jagrut
Upadhyay 06/24/2024

06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.059 ng/ul
RT: 25.769 min Scan# 5638
Delta R.T. -0.061 min
Lab File: BM046240.D
Acq: 23 Jun 2024 18:06

Tgt Ion:276 Resp: 2629
Ion Ratio Lower Upper
276 100
138 48.4 21.7 32.5#
277 41.4 20.4 30.6#

