

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046238.D
 Acq On : 23 Jun 2024 16:53
 Operator : MA/JU
 Sample : P2776-08
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA0

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 02:32:07 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	7.405	152	2488	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.171	136	7637	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.052	164	4203	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.798	188	9075m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.003	240	7295m	0.400	ng/ul	-0.04
23) Perylene-d12	23.092	264	8177m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	12481	3.656	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.799	152	2836	0.277	ng/ul	-0.07
18) Fluoranthene-d10	18.833	212	6865	0.314	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.220	128	3446	0.162	ng/ul	98
7) 2-Methylnaphthalene	11.870	142	1064	0.089	ng/ul	100
8) 1-Methylnaphthalene	12.090	142	864	0.066	ng/ul	94
10) Acenaphthylene	13.770	152	7501	0.376	ng/ul	99
11) Acenaphthene	14.117	153	3854	0.268	ng/ul	99
12) Fluorene	15.111	166	4686	0.303	ng/ul	98
14) Pentachlorophenol	16.494	266	75	0.028	ng/ul	95
15) Phenanthrene	16.840	178	104210m	4.087	ng/ul	
16) Anthracene	16.933	178	20498m	1.079	ng/ul	
19) Fluoranthene	18.861	202	233469	7.392	ng/ul	97
20) Pyrene	19.229	202	156433	4.580	ng/ul	95
21) Benzo(a)anthracene	20.985	228	101206	3.592	ng/ul	99
22) Chrysene	21.038	228	107582	2.992	ng/ul	99
24) Benzo(b)fluoranthene	22.481	252	154266m	5.236	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	51870m	1.481	ng/ul	
26) Benzo(a)pyrene	23.002	252	52930	1.939	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.135	276	55055	1.232	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.139	278	17966	0.540	ng/ul	98
29) Benzo(g,h,i)perylene	25.759	276	8138	0.212	ng/ul#	87

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

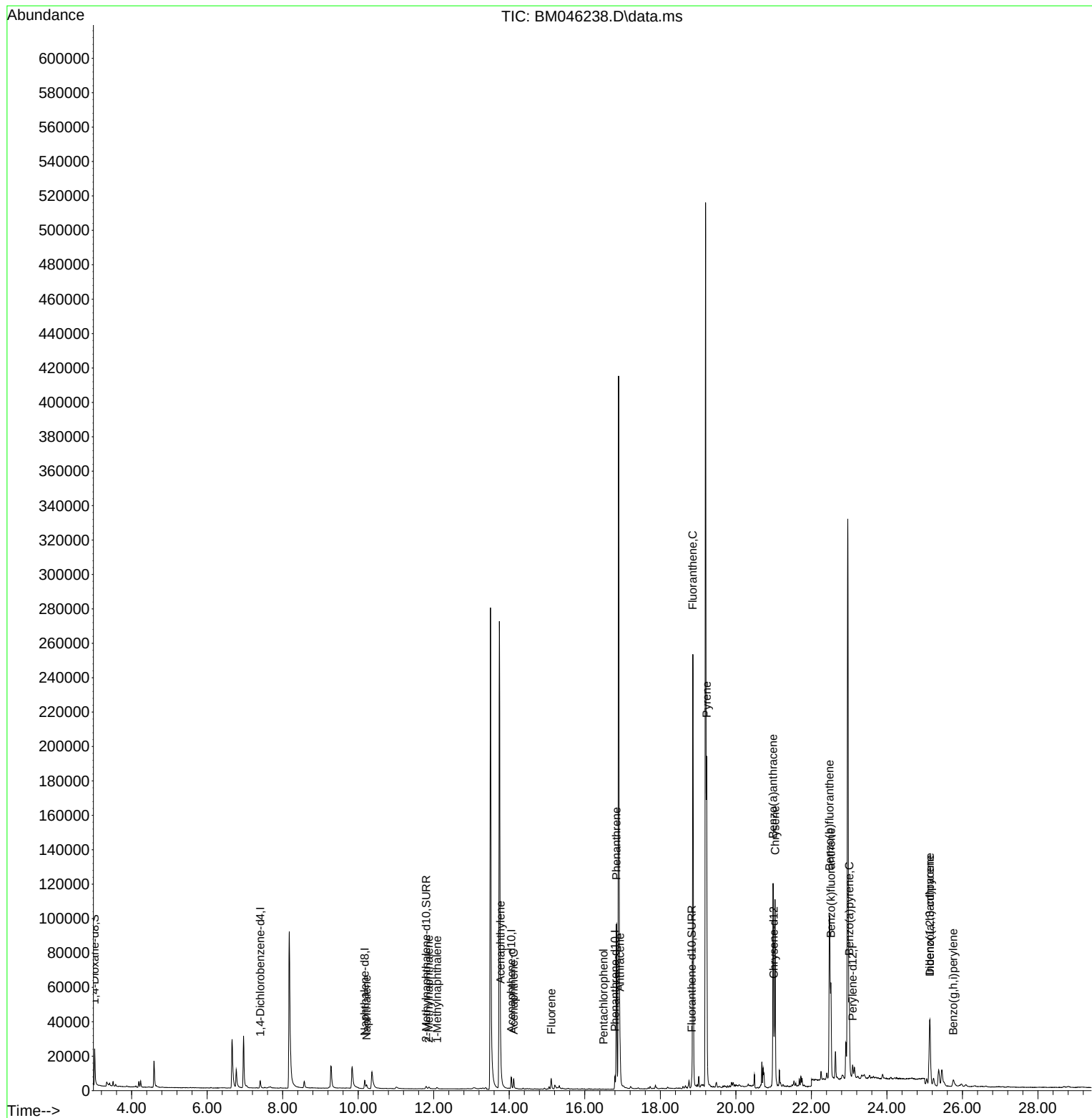
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046238.D
Acq On : 23 Jun 2024 16:53
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ALS Vial : 53 Sample Multiplier: 1

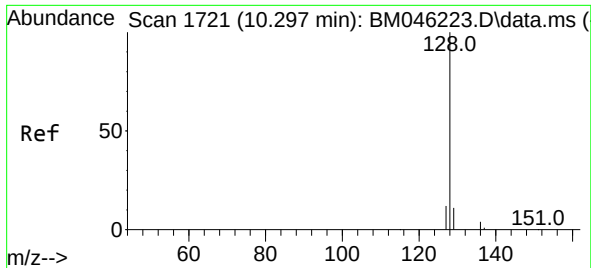
Instrument :
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Supervised By :Jagrut Upadhyay 06/24/2024

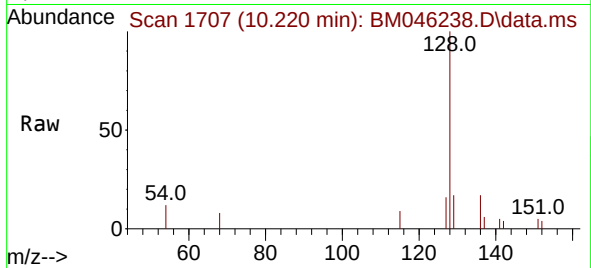
Quant Time: Jun 24 02:32:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.162 ng/ul
RT: 10.220 min Scan# 11
Delta R.T. -0.083 min
Lab File: BM046238.D
Acq: 23 Jun 2024 16:53

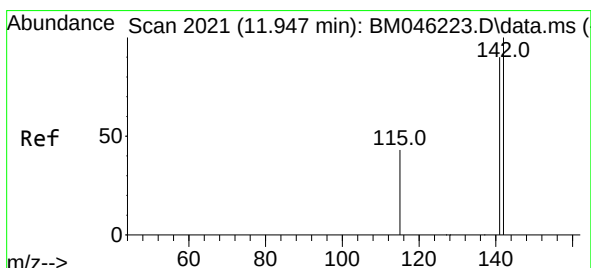
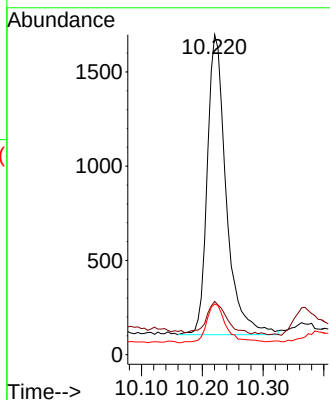
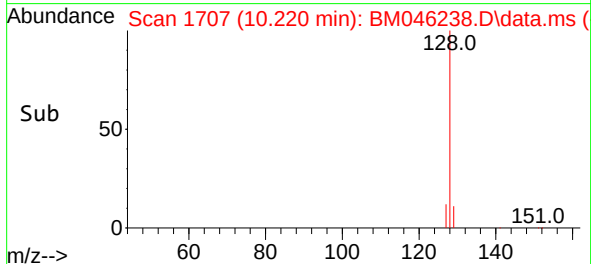
Instrument :
BNA_M
ClientSampleId :
A4CA0



Tgt Ion:128 Resp: 344
Ion Ratio Lower Upper
128 100
129 16.7 11.8 17.6
127 15.8 12.8 19.2

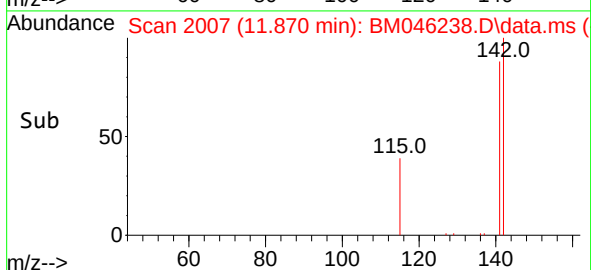
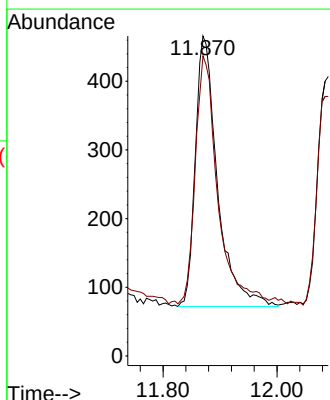
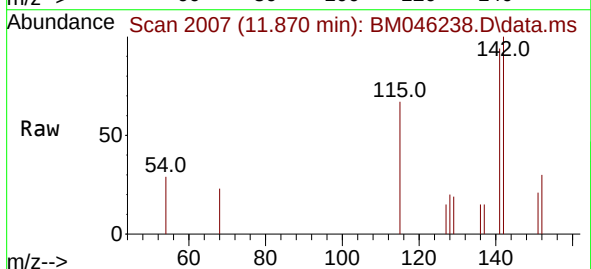
Manual Integrations
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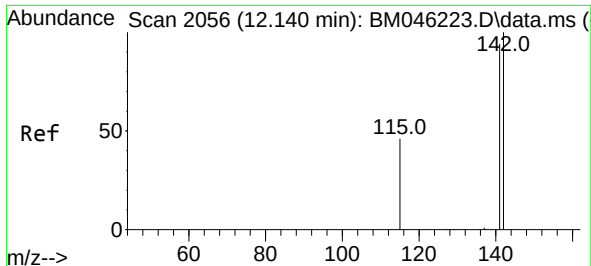
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 11.870 min Scan# 2007
Delta R.T. -0.077 min
Lab File: BM046238.D
Acq: 23 Jun 2024 16:53

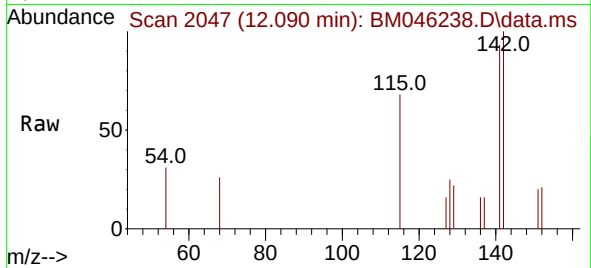
Tgt Ion:142 Resp: 1064
Ion Ratio Lower Upper
142 100
141 92.8 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.090 min Scan# 2056
Delta R.T. -0.061 min
Lab File: BM046238.D
Acq: 23 Jun 2024 16:53

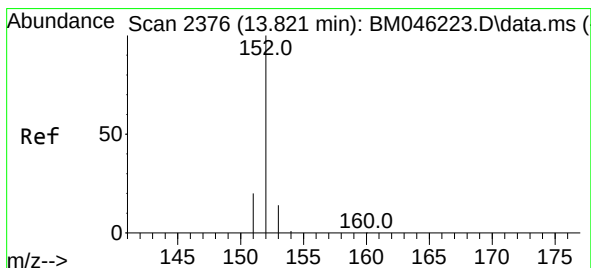
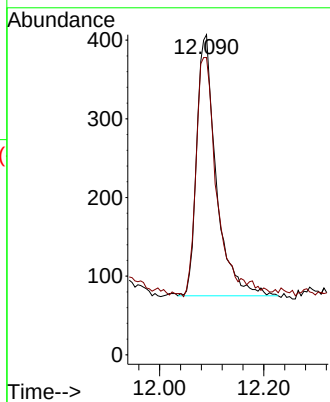
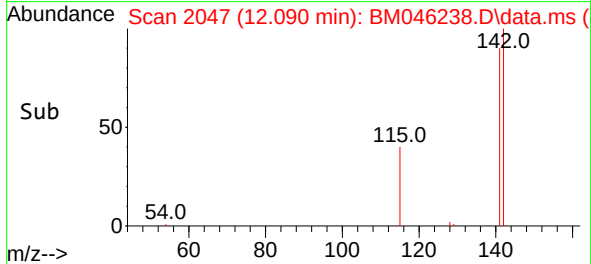
Instrument :
BNA_M
ClientSampleId :
A4CA0



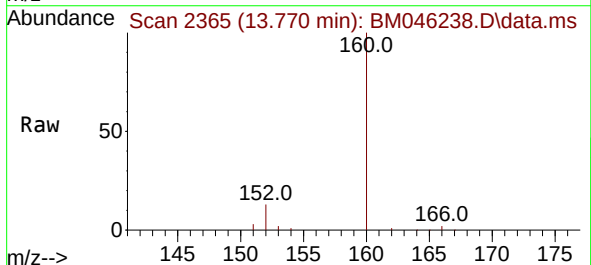
Tgt Ion:142 Resp: 864
Ion Ratio Lower Upper
142 100
141 100.0 75.2 112.8

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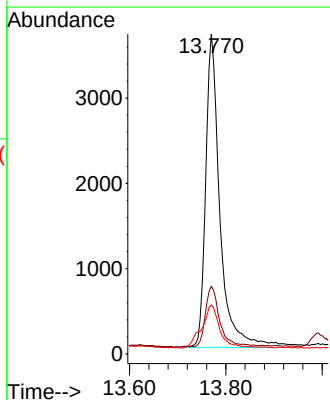
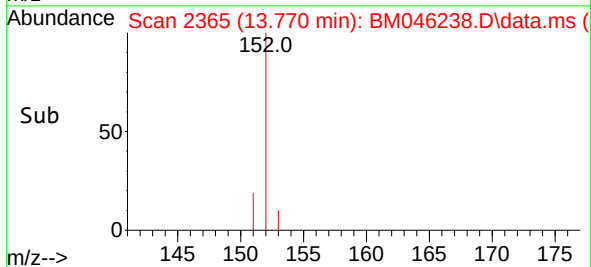
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

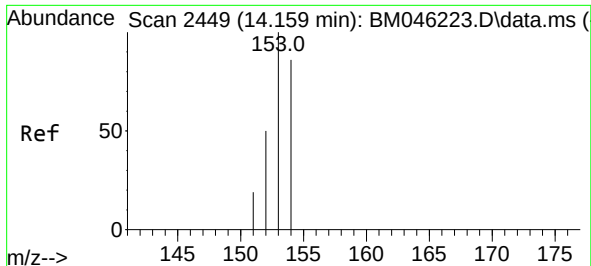


#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 13.770 min Scan# 2365
Delta R.T. -0.065 min
Lab File: BM046238.D
Acq: 23 Jun 2024 16:53



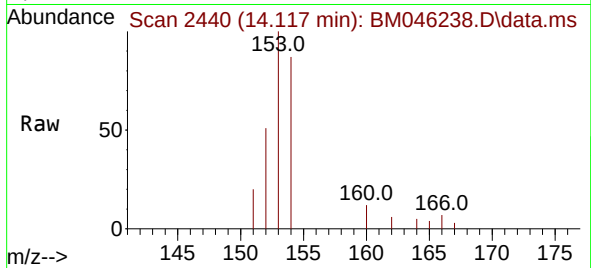
Tgt Ion:152 Resp: 7501
Ion Ratio Lower Upper
152 100
151 21.1 17.4 26.2
153 15.3 11.8 17.8





#11
Acenaphthene
Concen: 0.268 ng/ul
RT: 14.117 min Scan# 2449
Delta R.T. -0.056 min
Lab File: BM046238.D
Acq: 23 Jun 2024 16:53

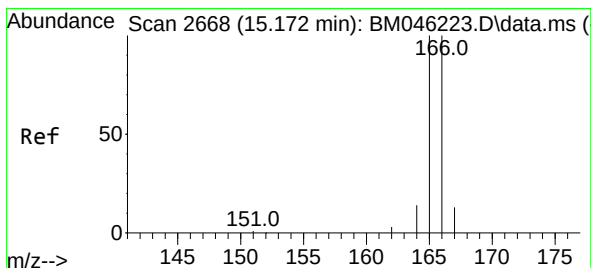
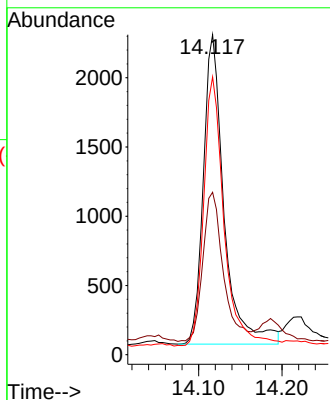
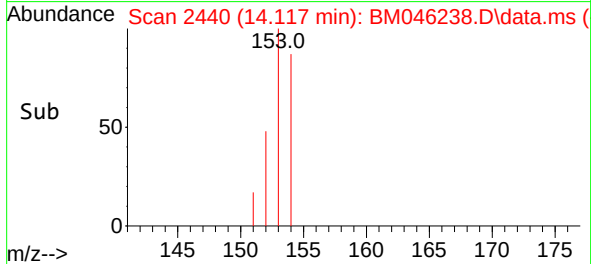
Instrument :
BNA_M
ClientSampleId :
A4CA0



Tgt Ion:153 Resp: 3854
Ion Ratio Lower Upper
153 100
152 50.8 41.3 61.9
154 86.8 68.2 102.4

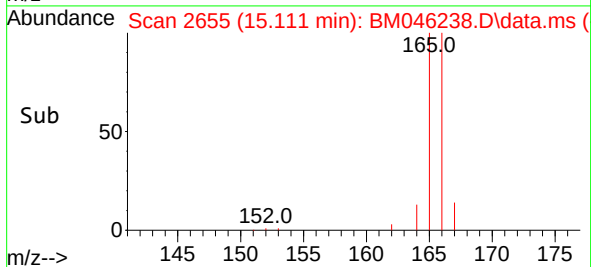
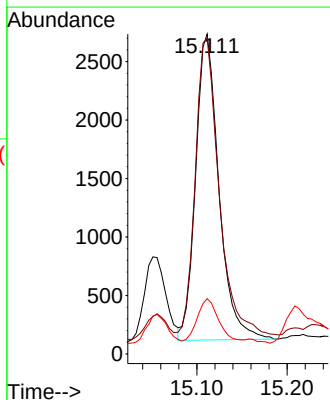
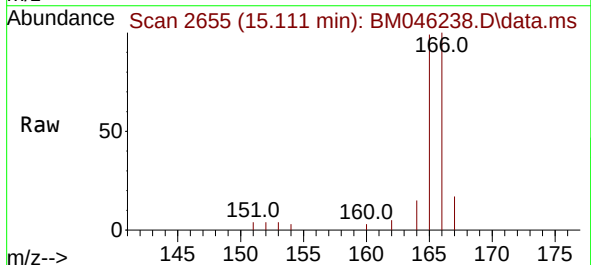
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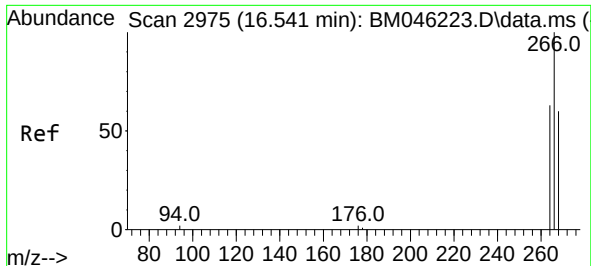
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#12
Fluorene
Concen: 0.303 ng/ul
RT: 15.111 min Scan# 2655
Delta R.T. -0.069 min
Lab File: BM046238.D
Acq: 23 Jun 2024 16:53

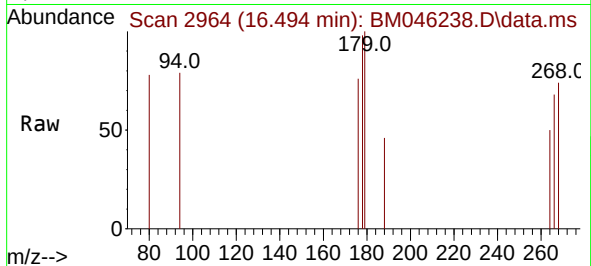
Tgt Ion:166 Resp: 4686
Ion Ratio Lower Upper
166 100
165 98.6 80.4 120.6
167 17.3 12.4 18.6





#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 16.494 min Scan# 2975
Delta R.T. -0.072 min
Lab File: BM046238.D
Acq: 23 Jun 2024 16:53

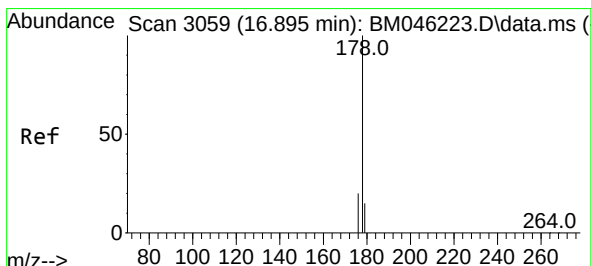
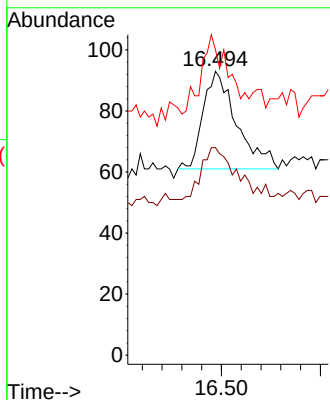
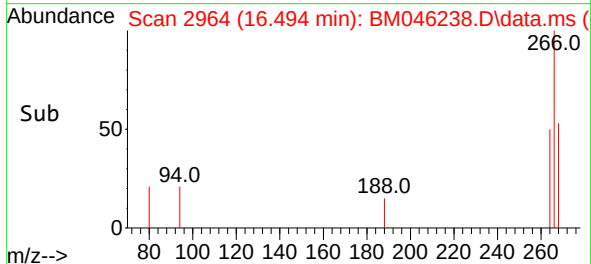
Instrument :
BNA_M
ClientSampleId :
A4CA0



Tgt Ion:266 Resp: 75
Ion Ratio Lower Upper
266 100
264 56.0 50.9 76.3
268 65.3 52.3 78.5

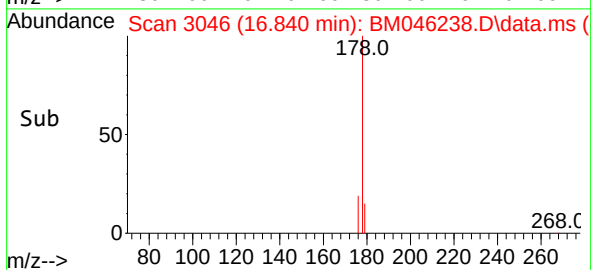
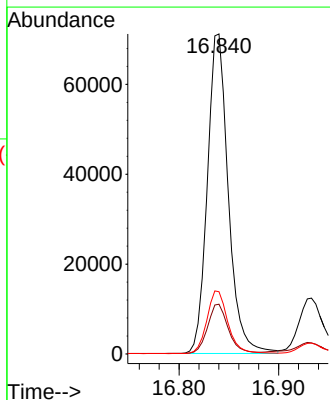
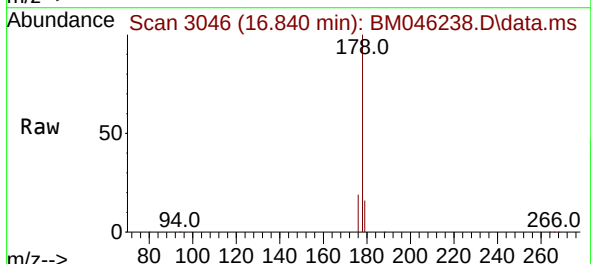
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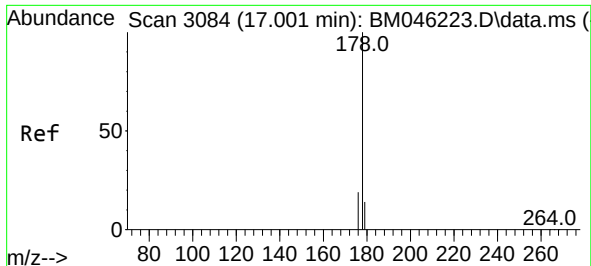
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#15
Phenanthrene
Concen: 4.087 ng/ul m
RT: 16.840 min Scan# 3046
Delta R.T. -0.063 min
Lab File: BM046238.D
Acq: 23 Jun 2024 16:53

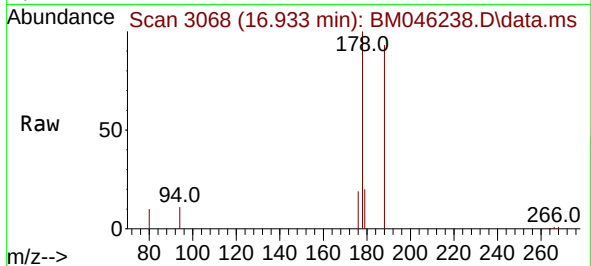
Tgt Ion:178 Resp: 104210
Ion Ratio Lower Upper
178 100
179 15.6 14.2 21.2
176 19.5 17.1 25.7





#16
 Anthracene
 Concen: 1.079 ng/ul m
 RT: 16.933 min Scan# 3084
 Delta R.T. -0.072 min
 Lab File: BM046238.D
 Acq: 23 Jun 2024 16:53

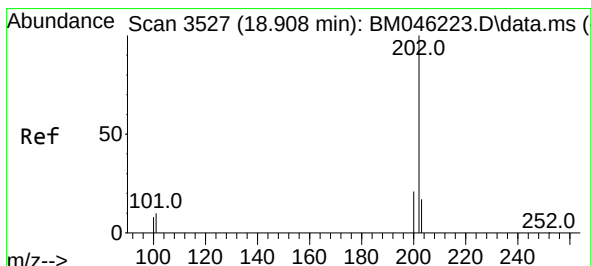
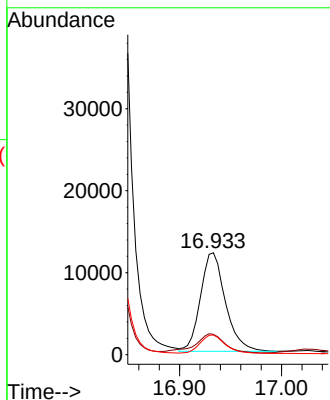
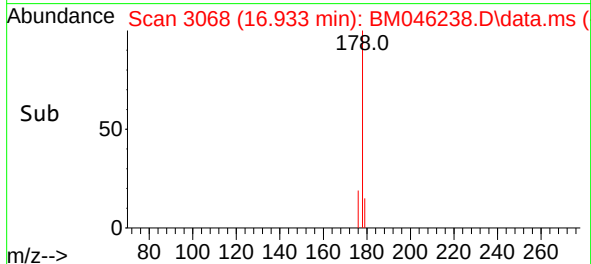
Instrument :
 BNA_M
 ClientSampleId :
 A4CA0



Tgt Ion:178 Resp: 20498
 Ion Ratio Lower Upper
 178 100
 179 19.9 14.9 22.3
 176 19.4 17.0 25.4

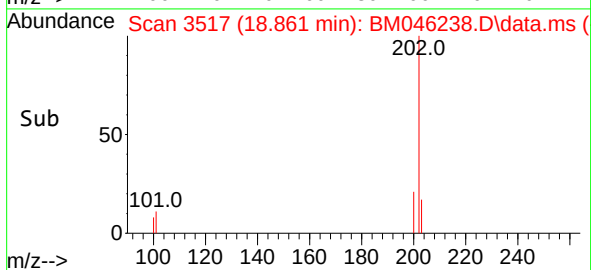
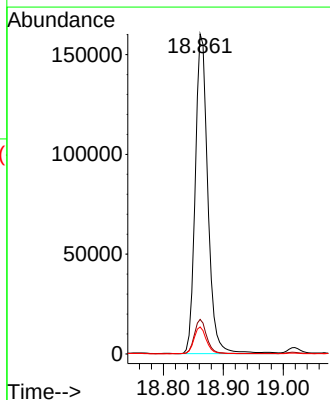
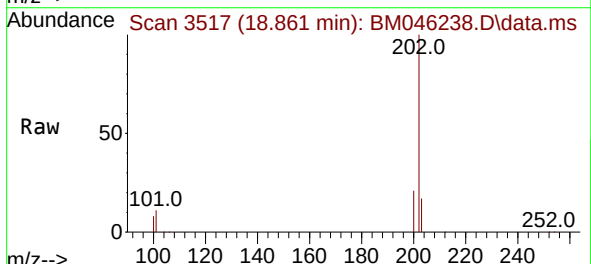
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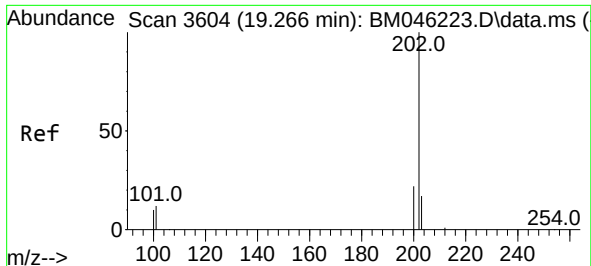
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024



#19
 Fluoranthene
 Concen: 7.392 ng/ul
 RT: 18.861 min Scan# 3517
 Delta R.T. -0.056 min
 Lab File: BM046238.D
 Acq: 23 Jun 2024 16:53

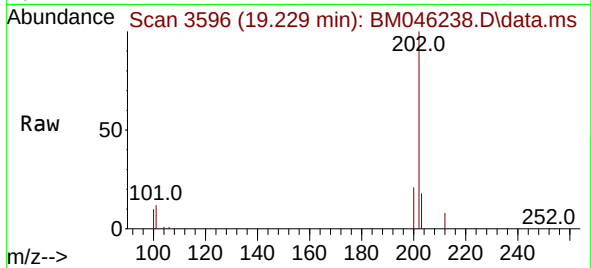
Tgt Ion:202 Resp: 233469
 Ion Ratio Lower Upper
 202 100
 101 10.8 9.6 14.4
 100 8.5 7.6 11.4





#20
Pyrene
Concen: 4.580 ng/u1
RT: 19.229 min Scan# 31
Delta R.T. -0.046 min
Lab File: BM046238.D
Acq: 23 Jun 2024 16:53

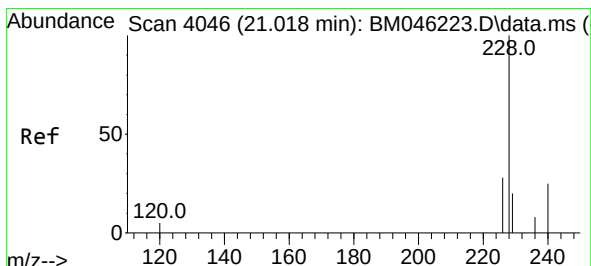
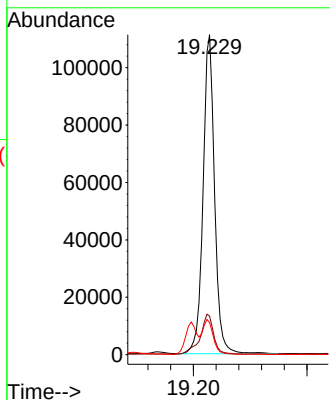
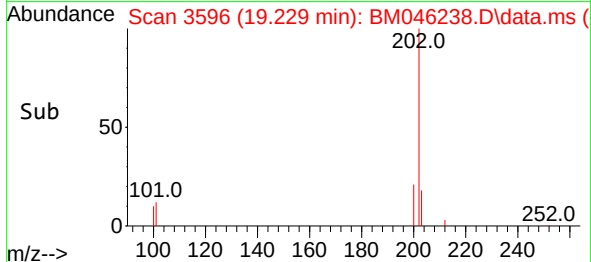
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BNA_M
ClientSampleId :
A4CA0



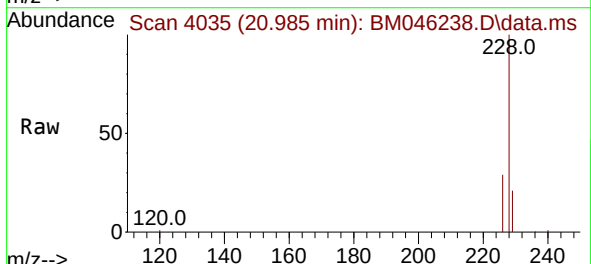
Tgt Ion:202 Resp: 15643
Ion Ratio Lower Upper
202 100
101 12.1 11.3 16.9
100 10.0 9.8 14.6

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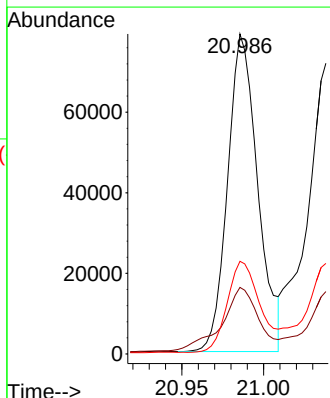
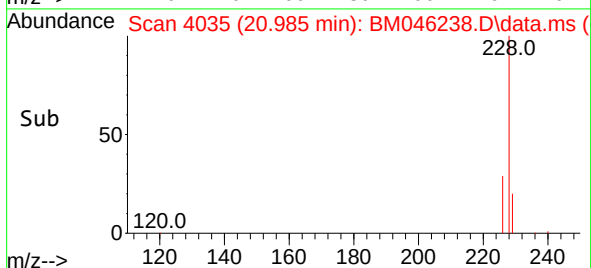
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

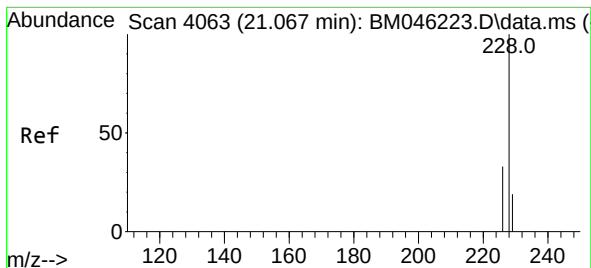


#21
Benzo(a)anthracene
Concen: 3.592 ng/u1
RT: 20.985 min Scan# 4035
Delta R.T. -0.044 min
Lab File: BM046238.D
Acq: 23 Jun 2024 16:53



Tgt Ion:228 Resp: 101206
Ion Ratio Lower Upper
228 100
229 20.8 16.4 24.6
226 28.9 23.4 35.2





#22

Chrysene

Concen: 2.992 ng/ul

RT: 21.038 min Scan# 4063

Delta R.T. -0.038 min

Lab File: BM046238.D

Acq: 23 Jun 2024 16:53

Instrument :

BNA_M

ClientSampleId :

A4CA0

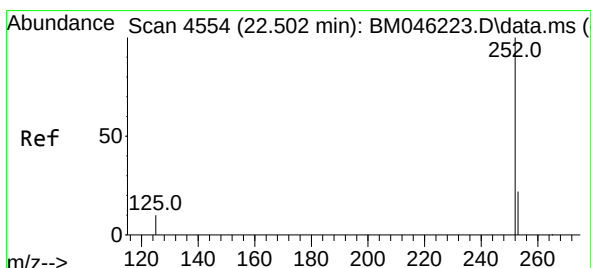
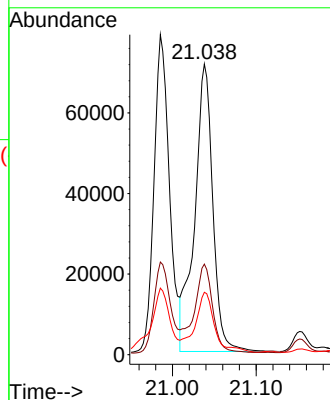
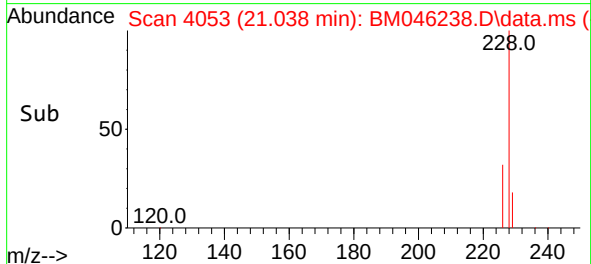
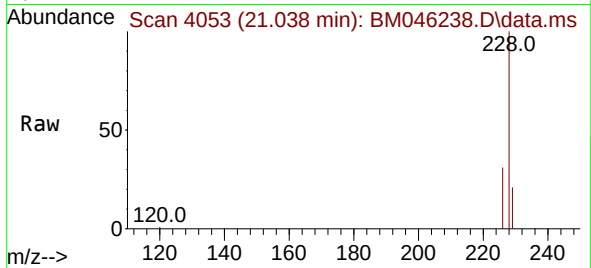
Tgt Ion:228	Resp: 10758
Ion Ratio	Lower Upper
228 100	
226 31.2	25.2 37.8
229 21.5	16.3 24.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/24/2024



#24

Benzo(b)fluoranthene

Concen: 5.236 ng/ul m

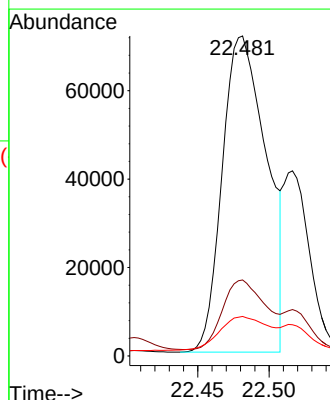
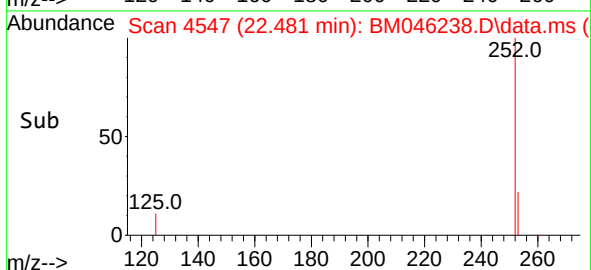
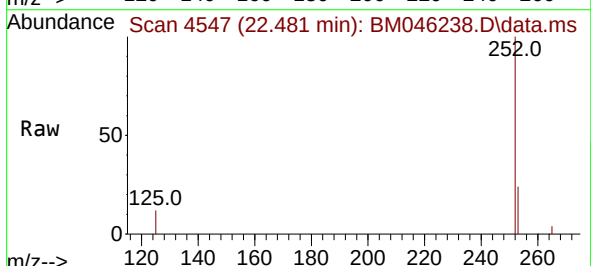
RT: 22.481 min Scan# 4547

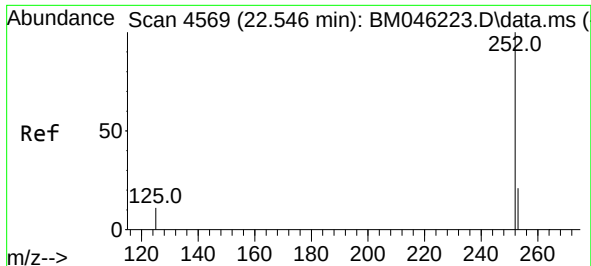
Delta R.T. -0.038 min

Lab File: BM046238.D

Acq: 23 Jun 2024 16:53

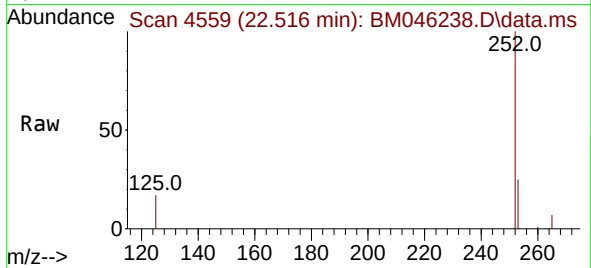
Tgt Ion:252	Resp: 154266
Ion Ratio	Lower Upper
252 100	
253 23.7	0.0 65.8
125 12.4	0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 1.481 ng/ul m
RT: 22.516 min Scan# 4559
Delta R.T. -0.047 min
Lab File: BM046238.D
Acq: 23 Jun 2024 16:53

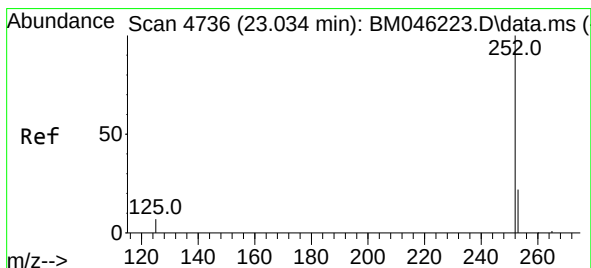
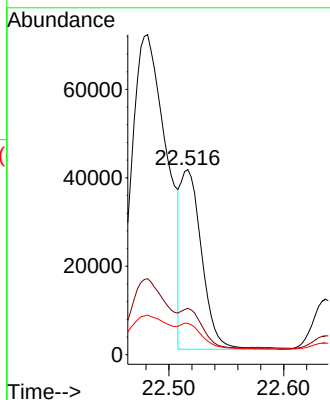
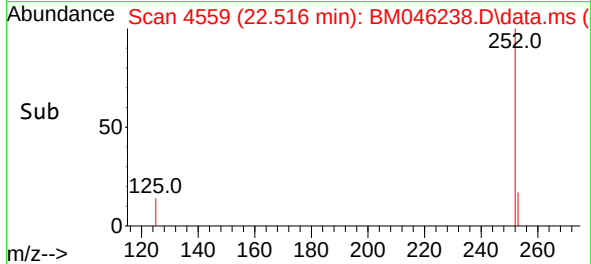
Instrument :
BNA_M
ClientSampleId :
A4CA0



Tgt Ion:252 Resp: 51870
Ion Ratio Lower Upper
252 100
253 25.1 27.2 40.8#
125 16.9 16.6 25.0

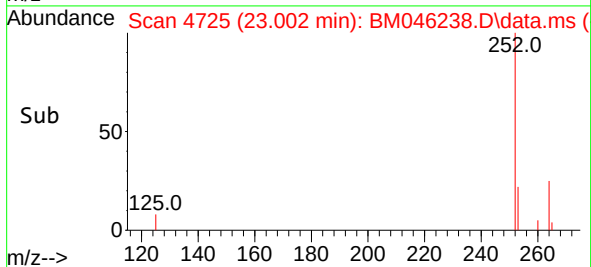
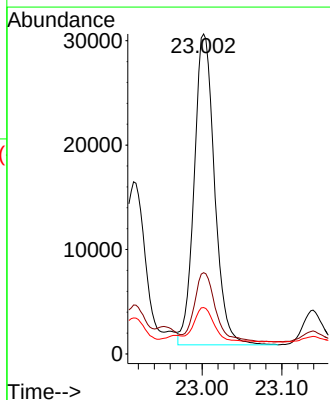
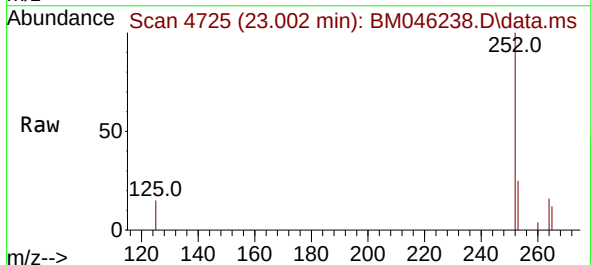
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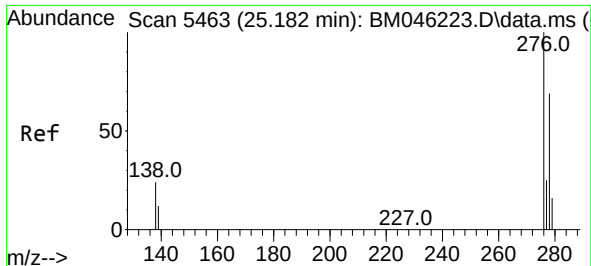
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#26
Benzo(a)pyrene
Concen: 1.939 ng/ul
RT: 23.002 min Scan# 4725
Delta R.T. -0.053 min
Lab File: BM046238.D
Acq: 23 Jun 2024 16:53

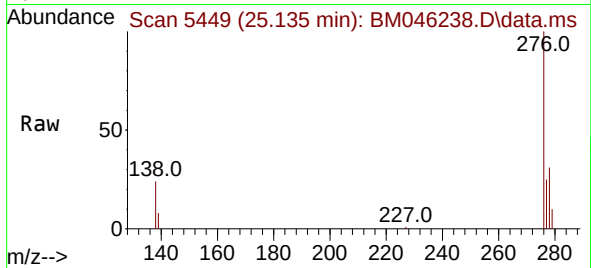
Tgt Ion:252 Resp: 52930
Ion Ratio Lower Upper
252 100
253 25.4 32.1 48.1#
125 14.5 21.2 31.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.232 ng/ul
 RT: 25.135 min Scan# 5449
 Delta R.T. -0.067 min
 Lab File: BM046238.D
 Acq: 23 Jun 2024 16:53

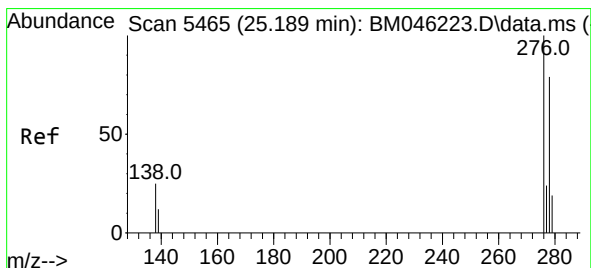
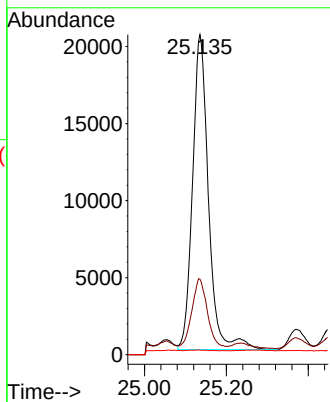
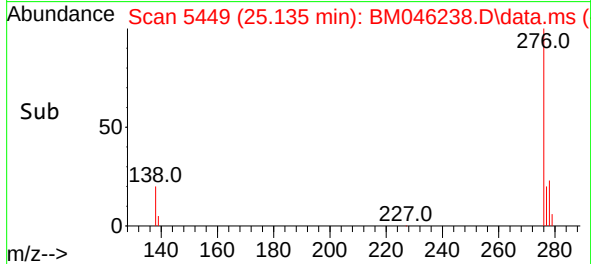
Instrument :
 BNA_M
 ClientSampleId :
 A4CA0



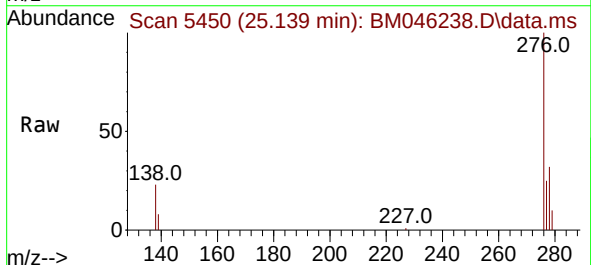
Tgt Ion:276 Resp: 5505
 Ion Ratio Lower Upper
 276 100
 138 23.0 21.0 31.4
 227 0.7 0.0 0.0

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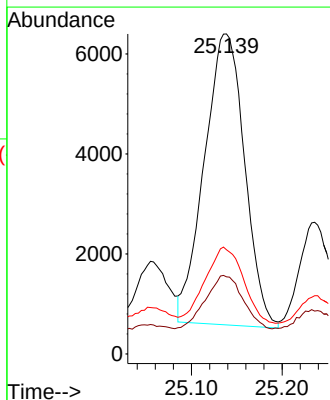
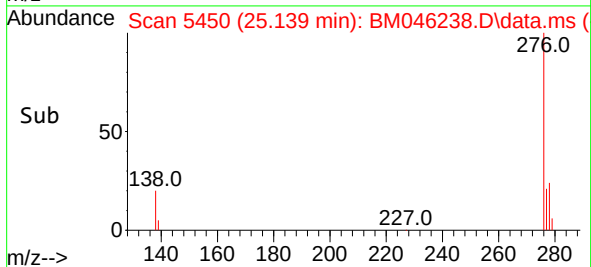
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

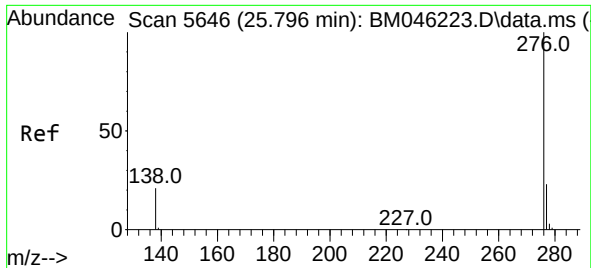


#28
 Dibenzo(a,h)anthracene
 Concen: 0.540 ng/ul
 RT: 25.139 min Scan# 5450
 Delta R.T. -0.077 min
 Lab File: BM046238.D
 Acq: 23 Jun 2024 16:53



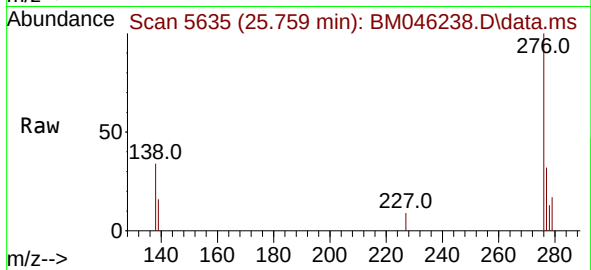
Tgt Ion:278 Resp: 17966
 Ion Ratio Lower Upper
 278 100
 139 24.1 17.6 26.4
 279 32.5 26.3 39.5





#29
Benzo(g,h,i)perylene
Concen: 0.212 ng/ul
RT: 25.759 min Scan# 50
Delta R.T. -0.070 min
Lab File: BM046238.D
Acq: 23 Jun 2024 16:53

Instrument :
BNA_M
ClientSampleId :
A4CA0



Tgt Ion:276 Resp: 813
Ion Ratio Lower Upper
276 100
138 33.9 21.7 32.5
277 32.4 20.4 30.6

Manual Integrations
APPROVED

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

