

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046083.D
 Acq On : 19 Jun 2024 13:20
 Operator : MA/JU
 Sample : P2696-01DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 13:50:34 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	7.443	152	1985	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.248	136	5164	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.094	164	2945	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.828	188	6095	0.400	ng/ul	-0.03
17) Chrysene-d12	21.024	240	5441	0.400	ng/ul	-0.02
23) Perylene-d12	23.122	264	6025m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2184	0.802	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.876	152	333	0.048	ng/ul	0.01
18) Fluoranthene-d10	18.857	212	1050	0.064	ng/ul	-0.03
Target Compounds						Qvalue
5) Naphthalene	10.297	128	1512	0.105	ng/ul#	78
7) 2-Methylnaphthalene	11.942	142	893	0.110	ng/ul	94
8) 1-Methylnaphthalene	12.151	142	1174	0.132	ng/ul	97
10) Acenaphthylene	13.812	152	1053	0.075	ng/ul#	72
11) Acenaphthene	14.154	153	6923	0.687	ng/ul	99
12) Fluorene	15.149	166	7461	0.690	ng/ul	100
15) Phenanthrene	16.866	178	185408	10.827	ng/ul	96
16) Anthracene	16.963	178	24299	1.905	ng/ul	97
19) Fluoranthene	18.885	202	175067	7.431	ng/ul	97
20) Pyrene	19.247	202	172629	6.776	ng/ul	98
21) Benzo(a)anthracene	21.006	228	69268	3.296	ng/ul	99
22) Chrysene	21.059	228	79702	2.972	ng/ul	99
24) Benzo(b)fluoranthene	22.505	252	68187m	3.141	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	27473m	1.065	ng/ul	
26) Benzo(a)pyrene	23.031	252	28369	1.410	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.172	276	23108	0.702	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.176	278	7642	0.312	ng/ul	96
29) Benzo(g,h,i)perylene	25.799	276	3444	0.122	ng/ul#	78

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

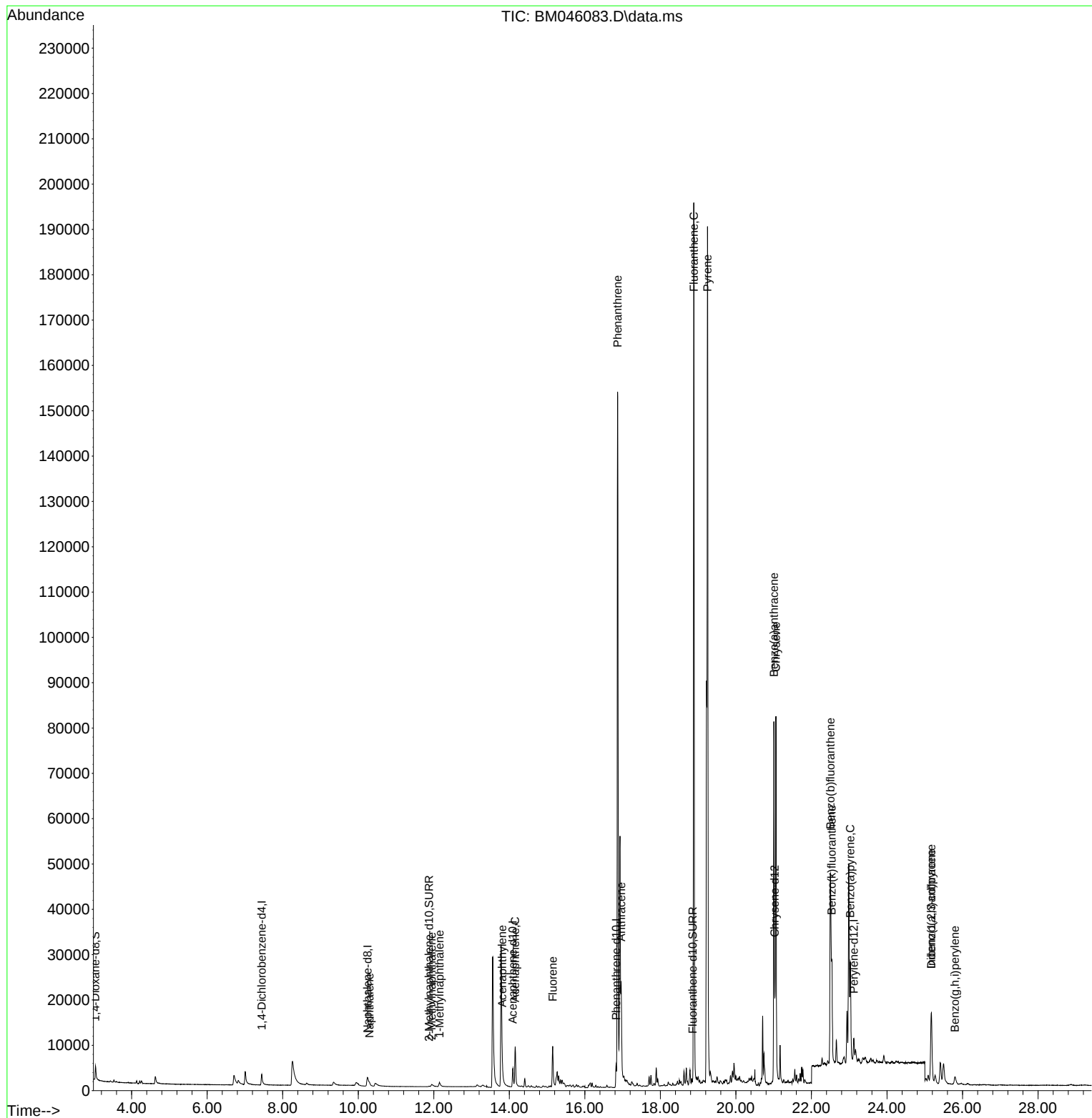
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046083.D
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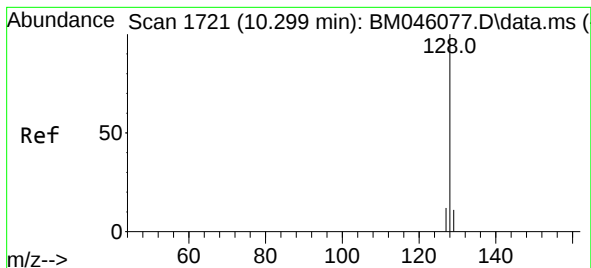
Instrument :
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Quant Time: Jun 19 13:50:34 2024
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#5

Naphthalene

Concen: 0.105 ng/ul

RT: 10.297 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM046083.D

Acq: 19 Jun 2024 13:20

Instrument :

BNA_M

ClientSampleId :

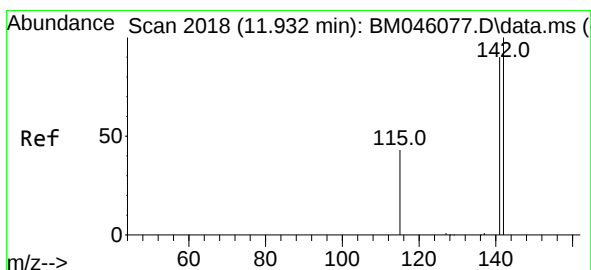
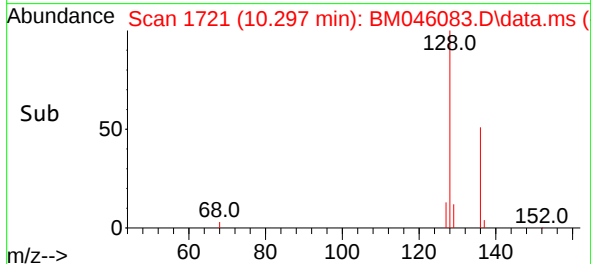
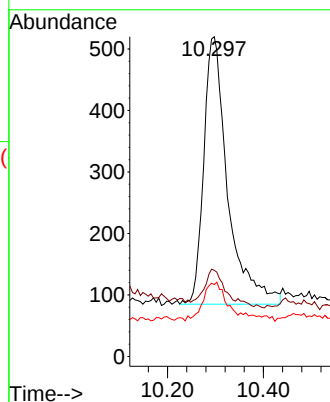
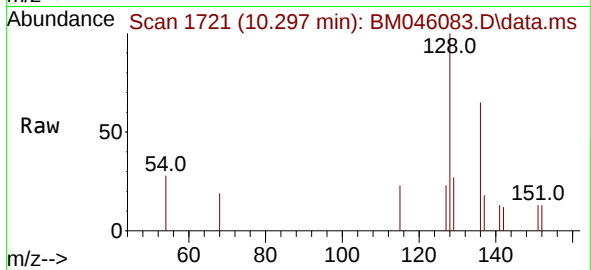
A4BJ1DL

Tgt Ion:	128	Resp:	151
Ion Ratio	Lower	Upper	
128	100		
129	26.9	11.8	17.6
127	22.5	12.8	19.2

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.110 ng/ul

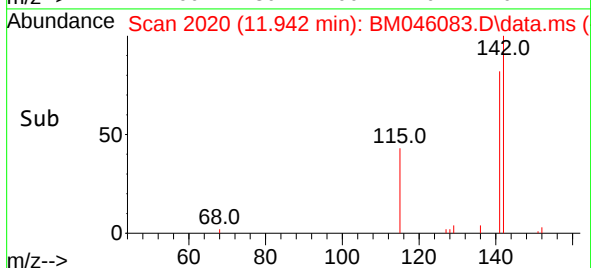
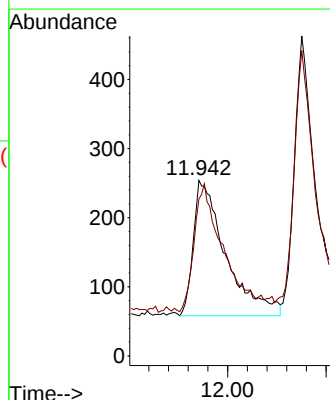
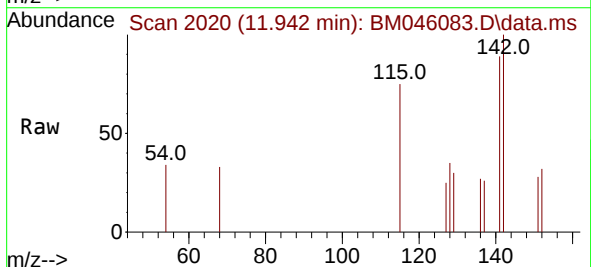
RT: 11.942 min Scan# 2020

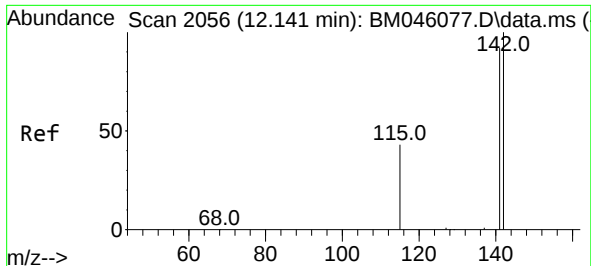
Delta R.T. -0.005 min

Lab File: BM046083.D

Acq: 19 Jun 2024 13:20

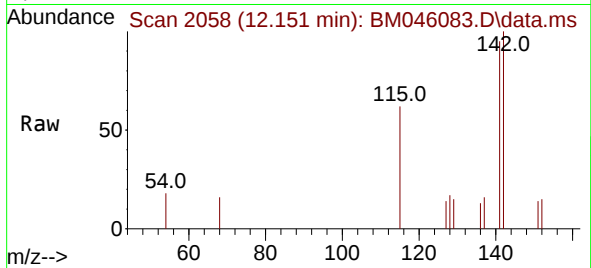
Tgt Ion:	142	Resp:	893
Ion Ratio	Lower	Upper	
142	100		
141	87.9	74.6	111.8





#8
1-Methylnaphthalene
Concen: 0.132 ng/ul
RT: 12.151 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BM046083.D
Acq: 19 Jun 2024 13:20

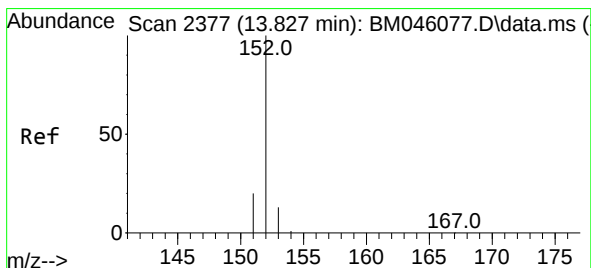
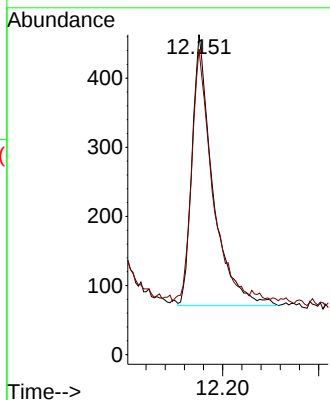
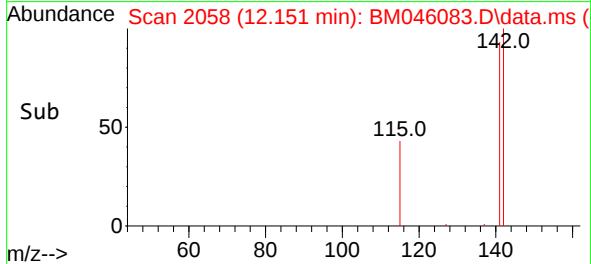
Instrument :
BNA_M
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Tgt Ion:142 Resp: 1174
Ion Ratio Lower Upper
142 100
141 91.2 75.2 112.8

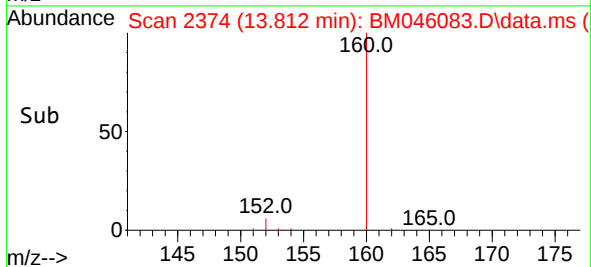
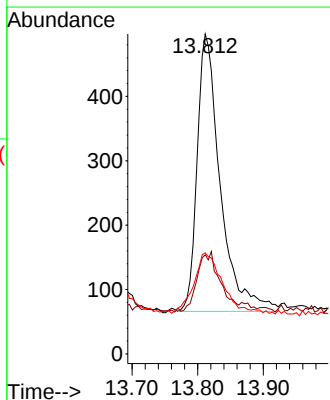
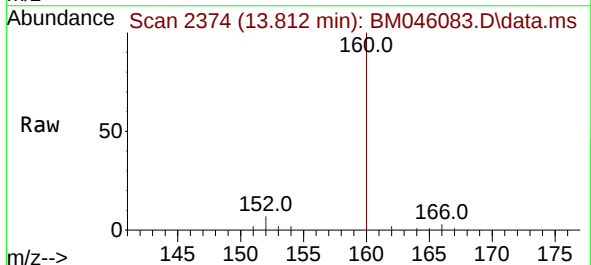
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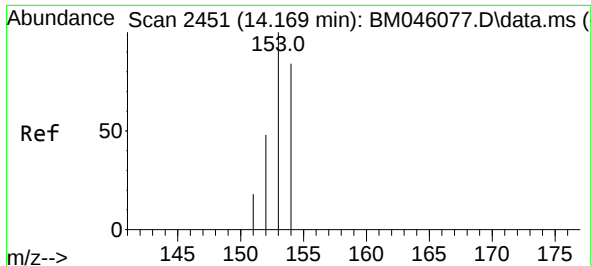
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.075 ng/ul
RT: 13.812 min Scan# 2374
Delta R.T. -0.023 min
Lab File: BM046083.D
Acq: 19 Jun 2024 13:20

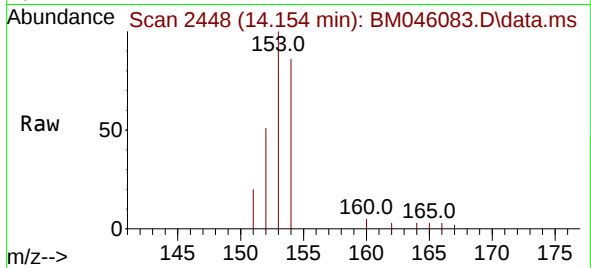
Tgt Ion:152 Resp: 1053
Ion Ratio Lower Upper
152 100
151 31.0 17.4 26.2#
153 31.6 11.8 17.8#





#11
Acenaphthene
Concen: 0.687 ng/u1
RT: 14.154 min Scan# 2451
Delta R.T. -0.018 min
Lab File: BM046083.D
Acq: 19 Jun 2024 13:20

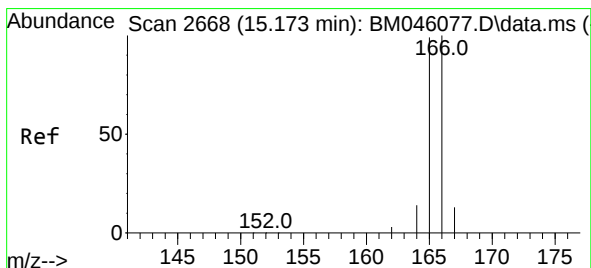
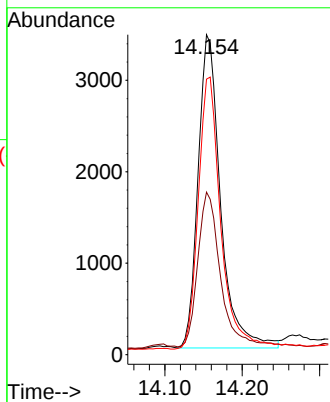
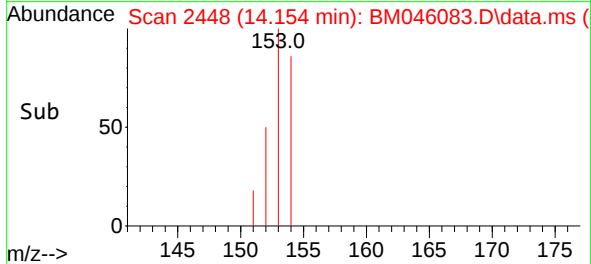
Instrument :
BNA_M
ClientSampleId :
A4BJ1DL



Tgt Ion:153 Resp: 6923
Ion Ratio Lower Upper
153 100
152 50.8 41.3 61.9
154 86.1 68.2 102.4

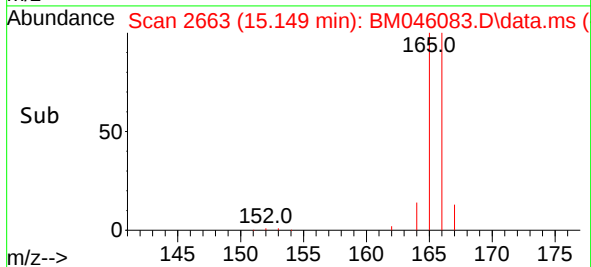
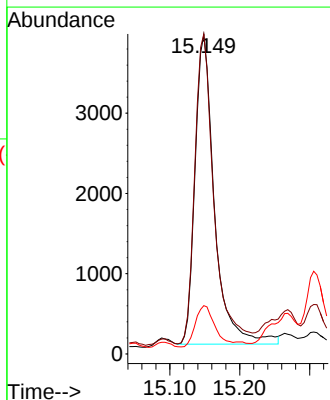
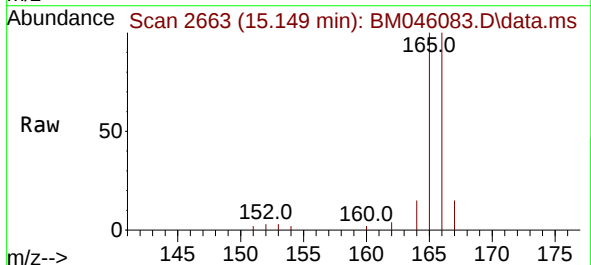
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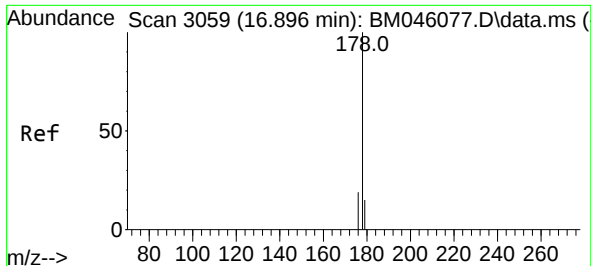
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.690 ng/u1
RT: 15.149 min Scan# 2663
Delta R.T. -0.032 min
Lab File: BM046083.D
Acq: 19 Jun 2024 13:20

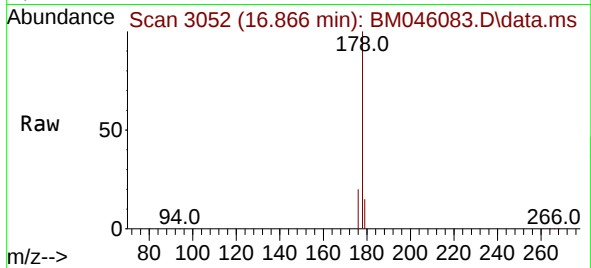
Tgt Ion:166 Resp: 7461
Ion Ratio Lower Upper
166 100
165 100.2 80.4 120.6
167 15.1 12.4 18.6





#15
Phenanthrene
Concen: 10.827 ng/ul
RT: 16.866 min Scan# 3059
Delta R.T. -0.038 min
Lab File: BM046083.D
Acq: 19 Jun 2024 13:20

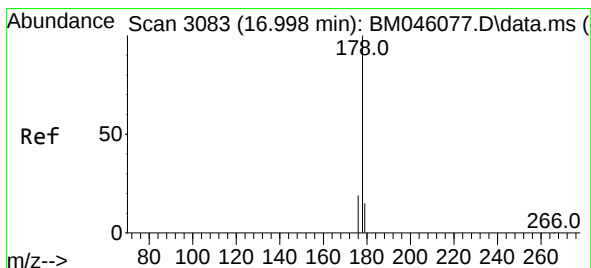
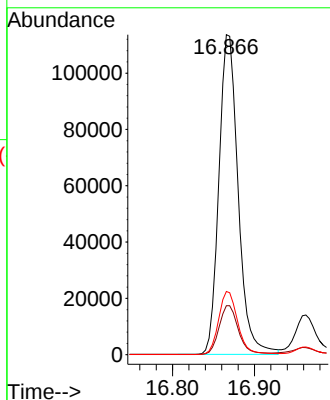
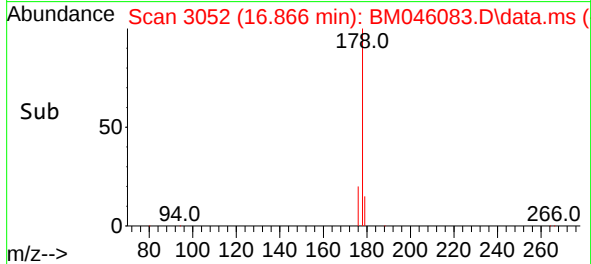
Instrument :
BNA_M
ClientSampleId :
A4BJ1DL



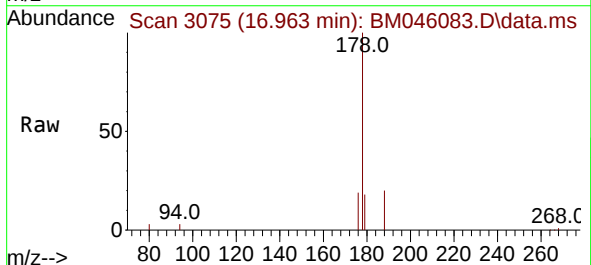
Tgt Ion:178 Resp: 185408
Ion Ratio Lower Upper
178 100
179 15.3 14.2 21.2
176 19.8 17.1 25.7

Manual Integrations
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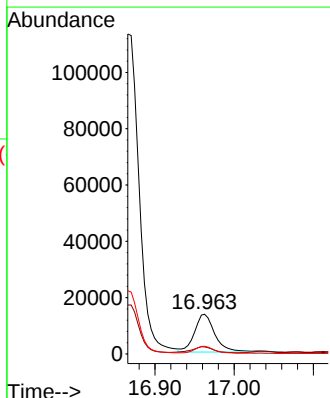
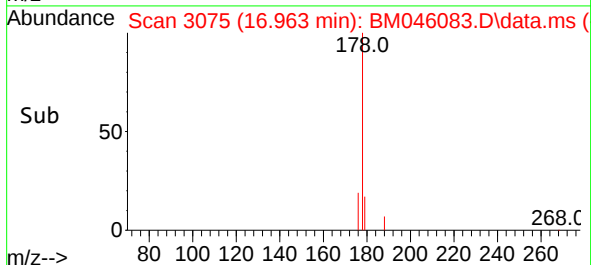
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

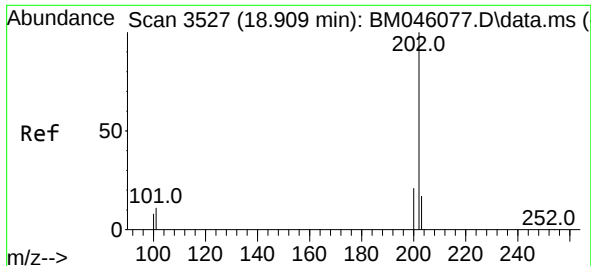


#16
Anthracene
Concen: 1.905 ng/ul
RT: 16.963 min Scan# 3075
Delta R.T. -0.042 min
Lab File: BM046083.D
Acq: 19 Jun 2024 13:20



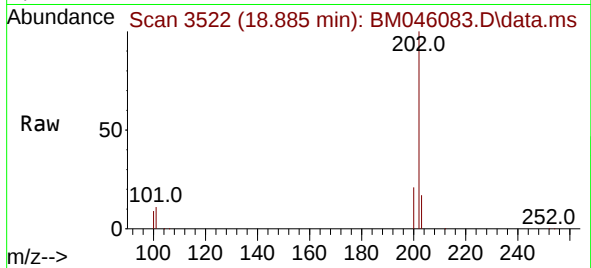
Tgt Ion:178 Resp: 24299
Ion Ratio Lower Upper
178 100
179 17.8 14.9 22.3
176 19.5 17.0 25.4





#19
Fluoranthene
Concen: 7.431 ng/u1
RT: 18.885 min Scan# 31
Delta R.T. -0.032 min
Lab File: BM046083.D
Acq: 19 Jun 2024 13:20

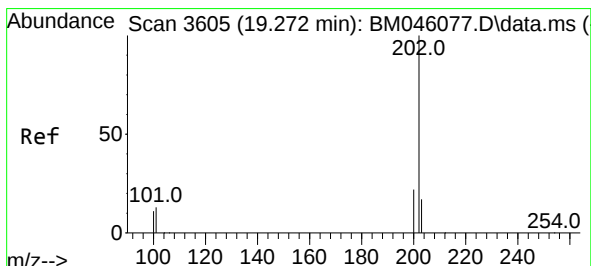
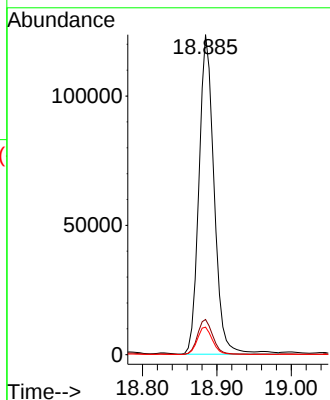
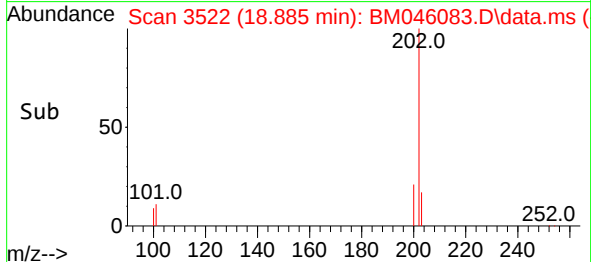
Instrument :
BNA_M
ClientSampleId :
A4BJ1DL



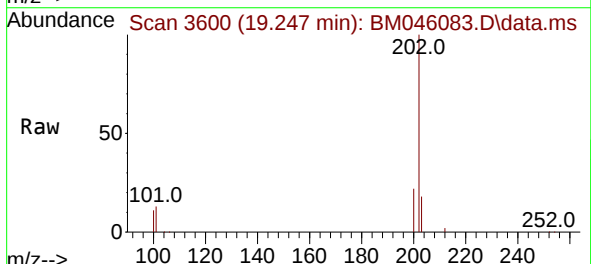
Tgt Ion:202 Resp: 17506
Ion Ratio Lower Upper
202 100
101 11.0 9.6 14.4
100 8.6 7.6 11.4

Manual Integrations
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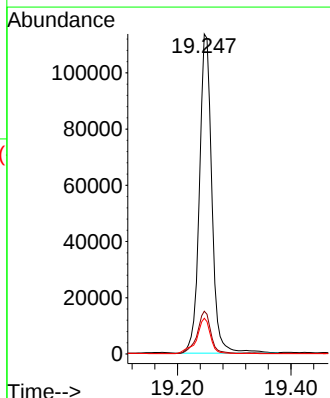
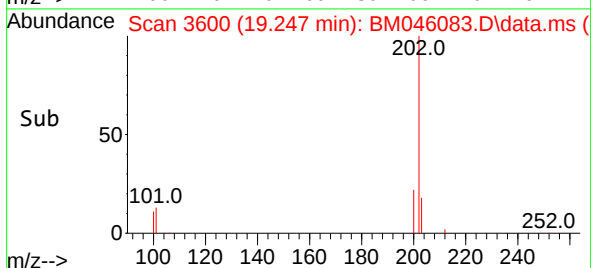
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

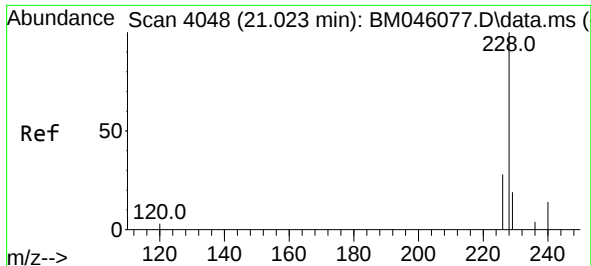


#20
Pyrene
Concen: 6.776 ng/u1
RT: 19.247 min Scan# 3600
Delta R.T. -0.028 min
Lab File: BM046083.D
Acq: 19 Jun 2024 13:20



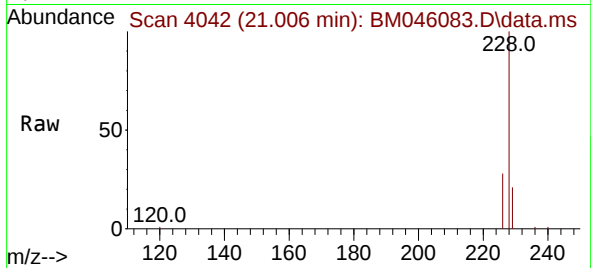
Tgt Ion:202 Resp: 172629
Ion Ratio Lower Upper
202 100
101 13.3 11.3 16.9
100 11.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.296 ng/u1
RT: 21.006 min Scan# 4048
Delta R.T. -0.023 min
Lab File: BM046083.D
Acq: 19 Jun 2024 13:20

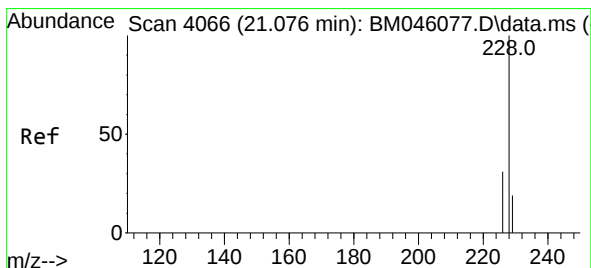
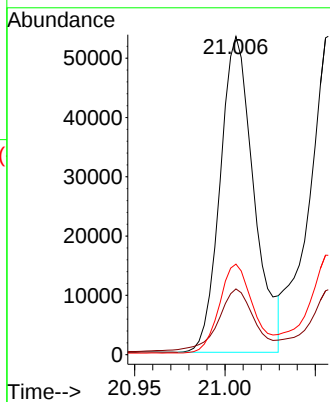
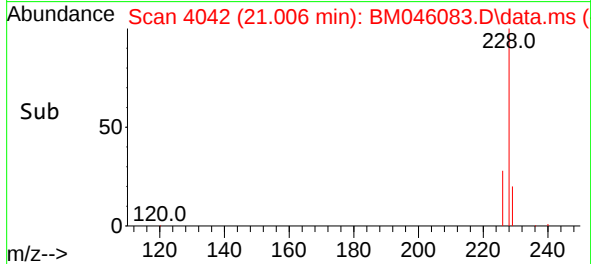
Instrument :
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ClientSampleId :
A4BJ1DL



Tgt Ion:228 Resp: 69268
Ion Ratio Lower Upper
228 100
229 20.7 16.4 24.6
226 28.5 23.4 35.2

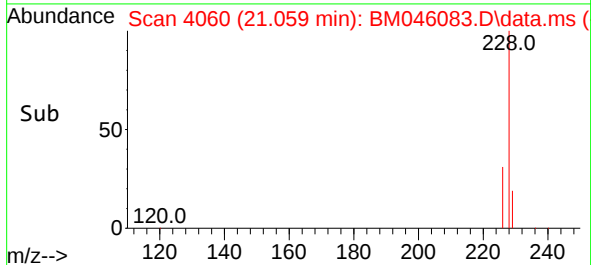
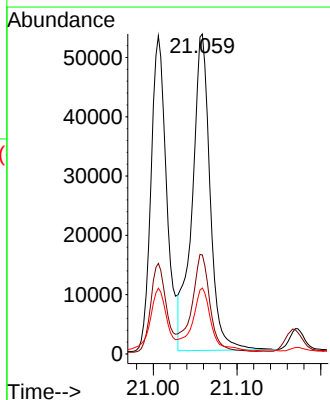
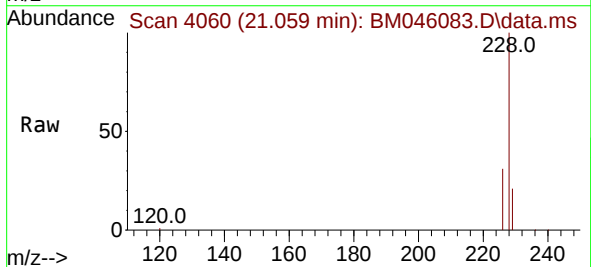
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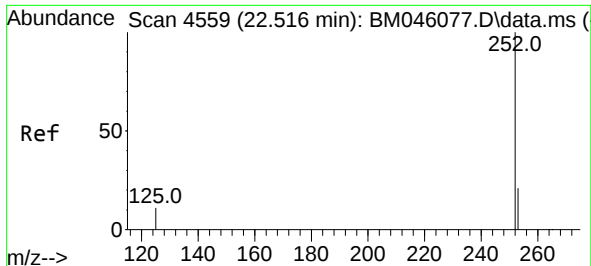
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 2.972 ng/u1
RT: 21.059 min Scan# 4060
Delta R.T. -0.017 min
Lab File: BM046083.D
Acq: 19 Jun 2024 13:20

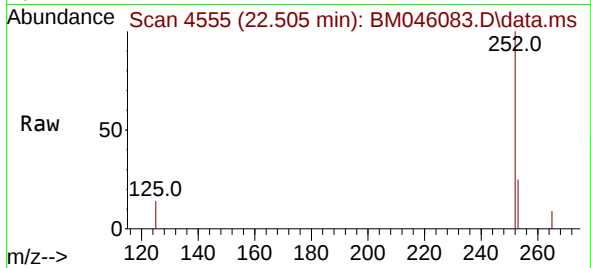
Tgt Ion:228 Resp: 79702
Ion Ratio Lower Upper
228 100
226 31.0 25.2 37.8
229 20.6 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 3.141 ng/ul m
RT: 22.505 min Scan# 4555
Delta R.T. -0.015 min
Lab File: BM046083.D
Acq: 19 Jun 2024 13:20

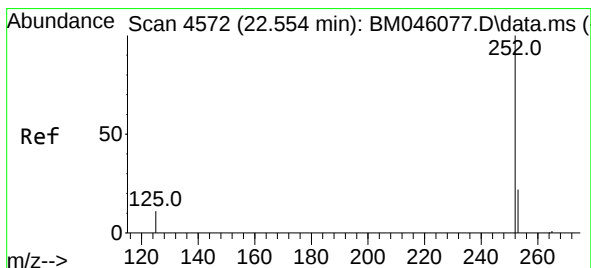
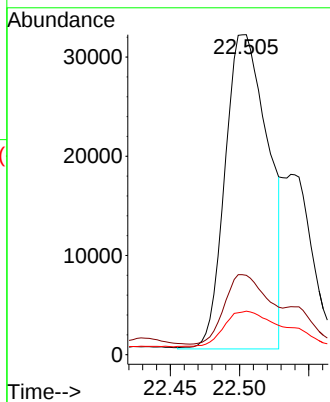
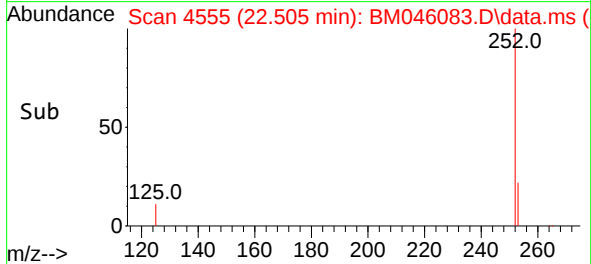
Instrument :
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Tgt Ion:252 Resp: 6818
Ion Ratio Lower Upper
252 100
253 24.8 0.0 65.8
125 13.6 0.0 40.2

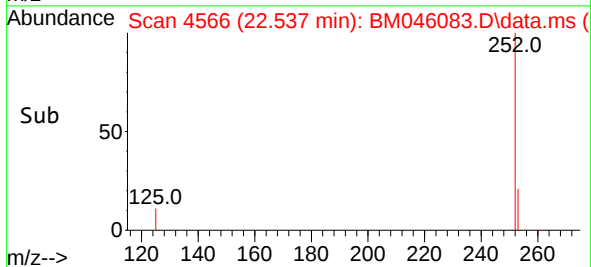
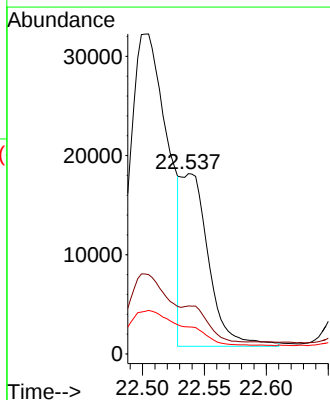
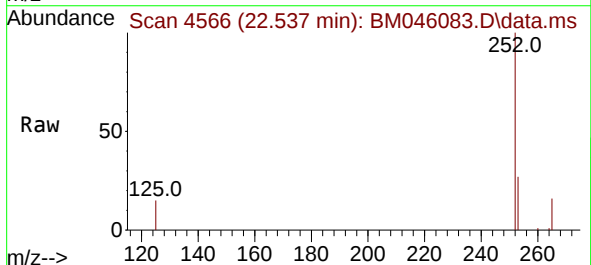
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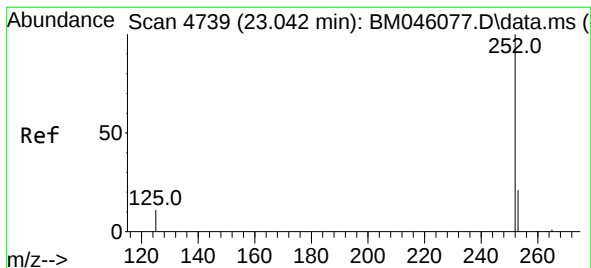
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 1.065 ng/ul m
RT: 22.537 min Scan# 4566
Delta R.T. -0.026 min
Lab File: BM046083.D
Acq: 19 Jun 2024 13:20

Tgt Ion:252 Resp: 27473
Ion Ratio Lower Upper
252 100
253 26.6 27.2 40.8#
125 15.0 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 1.410 ng/ul

RT: 23.031 min Scan# 4735

Delta R.T. -0.023 min

Lab File: BM046083.D

Acq: 19 Jun 2024 13:20

Instrument :

BNA_M

ClientSampleId :

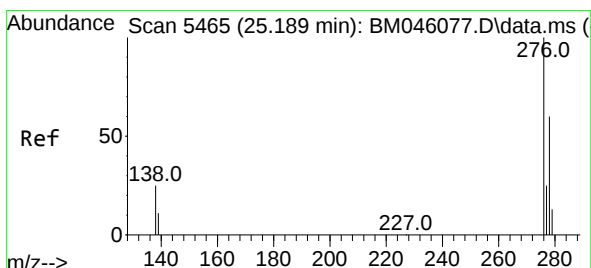
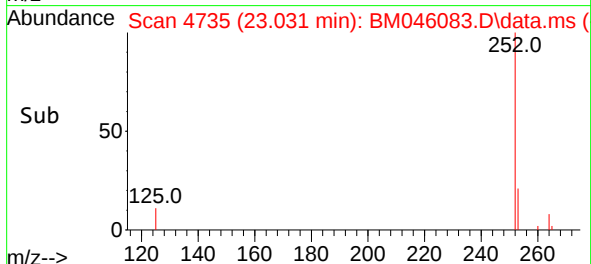
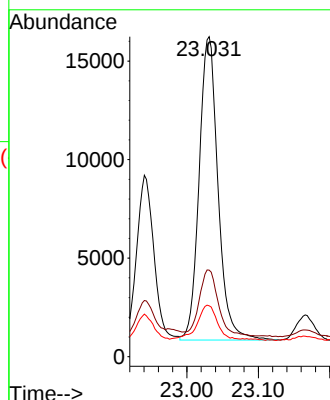
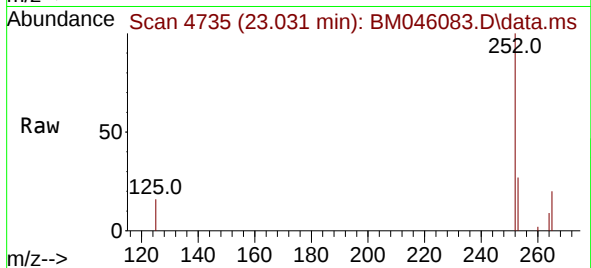
A4BJ1DL

Tgt Ion:	252	Resp:	28369
Ion Ratio	Lower	Upper	
252	100		
253	27.1	32.1	48.1
125	15.9	21.2	31.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.702 ng/ul

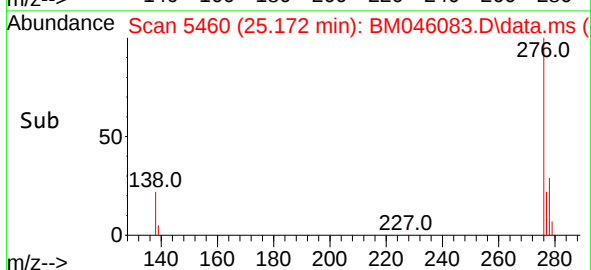
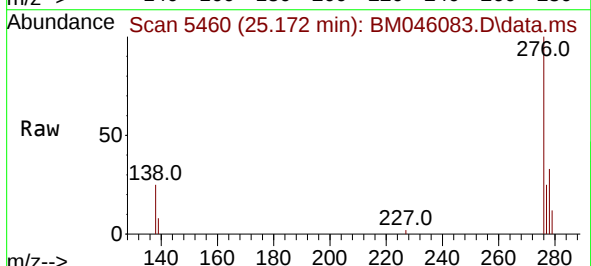
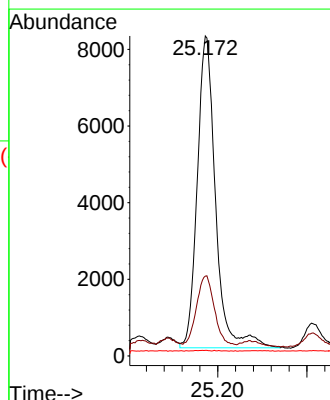
RT: 25.172 min Scan# 5460

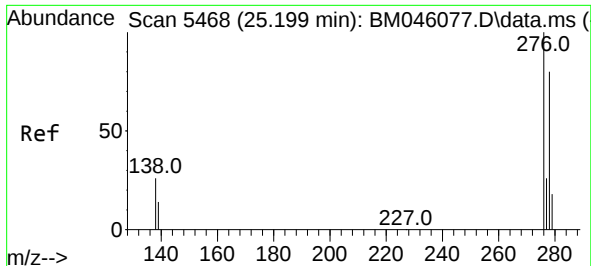
Delta R.T. -0.030 min

Lab File: BM046083.D

Acq: 19 Jun 2024 13:20

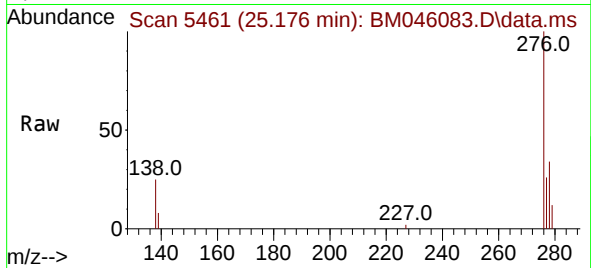
Tgt Ion:	276	Resp:	23108
Ion Ratio	Lower	Upper	
276	100		
138	21.6	21.0	31.4
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.312 ng/ul
RT: 25.176 min Scan# 5461
Delta R.T. -0.040 min
Lab File: BM046083.D
Acq: 19 Jun 2024 13:20

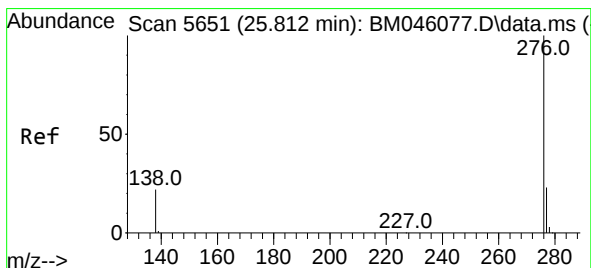
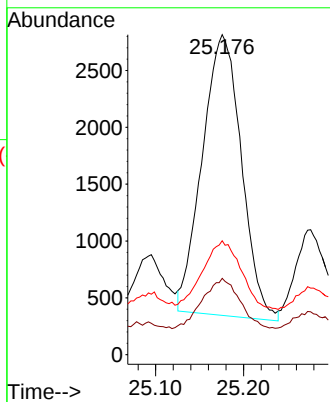
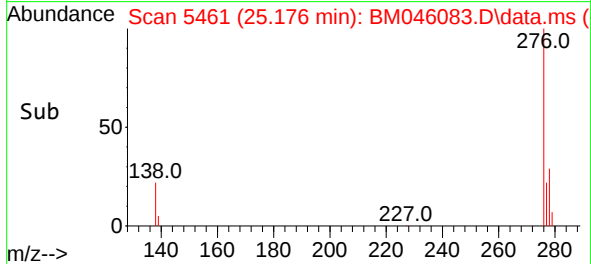
Instrument :
BNA_M
ClientSampleId :
A4BJ1DL



Tgt Ion:278 Resp: 764
Ion Ratio Lower Upper
278 100
139 23.9 17.6 26.4
279 35.6 26.3 39.5

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Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.122 ng/ul
RT: 25.799 min Scan# 5647
Delta R.T. -0.030 min
Lab File: BM046083.D
Acq: 19 Jun 2024 13:20

Tgt Ion:276 Resp: 3444
Ion Ratio Lower Upper
276 100
138 38.8 21.7 32.5#
277 36.0 20.4 30.6#

