

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046064.D
 Acq On : 18 Jun 2024 23:05
 Operator : MA/JU
 Sample : P2695-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK9

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 08:24:41 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	7.434	152	3425	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.204	136	9672	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.080	164	5178	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.823	188	11063m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.024	240	9320m	0.400	ng/ul	-0.02
23) Perylene-d12	23.119	264	10196m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	15294	3.255	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.832	152	3263	0.251	ng/ul	-0.03
18) Fluoranthene-d10	18.857	212	8186	0.293	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.253	128	1534	0.057	ng/ul#	90
7) 2-Methylnaphthalene	11.903	142	527	0.035	ng/ul	90
8) 1-Methylnaphthalene	12.118	142	400	0.024	ng/ul	97
10) Acenaphthylene	13.798	152	2132	0.087	ng/ul#	90
11) Acenaphthene	14.145	153	1071	0.060	ng/ul	94
12) Fluorene	15.135	166	1196	0.063	ng/ul#	95
15) Phenanthrene	16.861	178	25835m	0.831	ng/ul	
16) Anthracene	16.954	178	4342m	0.188	ng/ul	
19) Fluoranthene	18.885	202	56573	1.402	ng/ul	99
20) Pyrene	19.252	202	41735	0.956	ng/ul	97
21) Benzo(a)anthracene	21.006	228	22999	0.639	ng/ul	97
22) Chrysene	21.059	228	28440	0.619	ng/ul	97
24) Benzo(b)fluoranthene	22.499	252	42347m	1.153	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	15016m	0.344	ng/ul	
26) Benzo(a)pyrene	23.025	252	15532	0.456	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.169	276	17320	0.311	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.179	278	4934	0.119	ng/ul#	70
29) Benzo(g,h,i)perylene	25.799	276	3078	0.064	ng/ul#	59

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

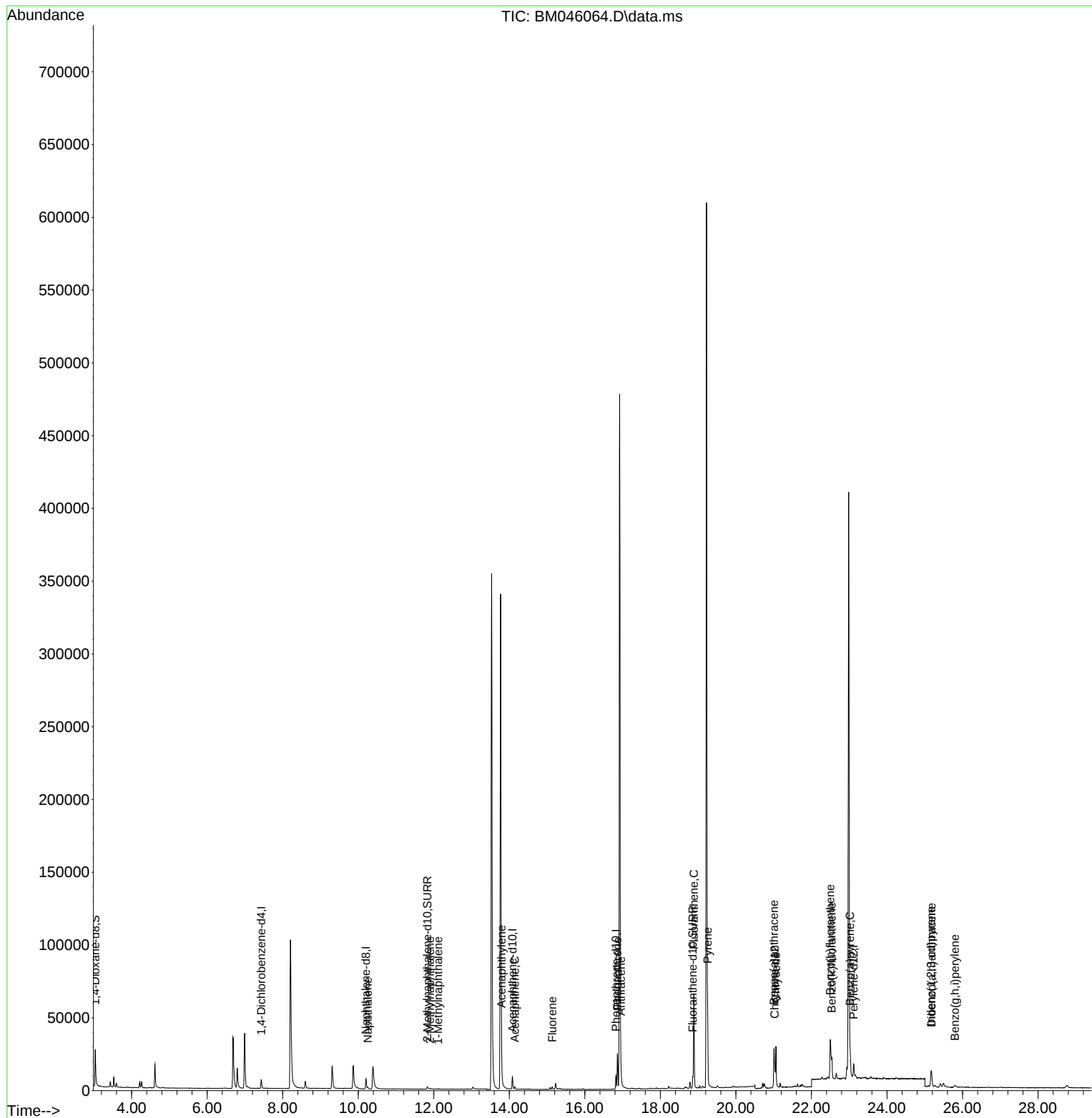
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046064.D
Acq On : 18 Jun 2024 23:05
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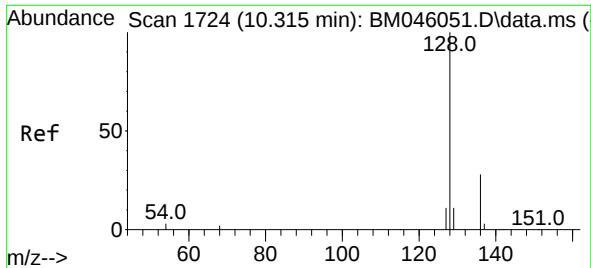
Instrument :
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Supervised By :mohammad ahmed 06/21/2024

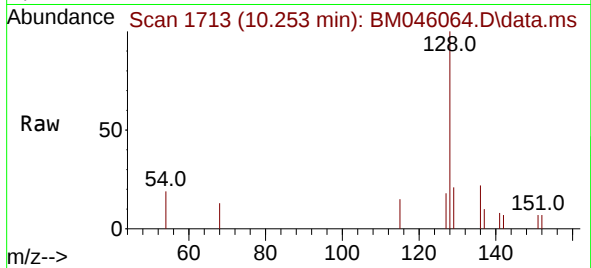
Quant Time: Jun 19 08:24:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.057 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.049 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

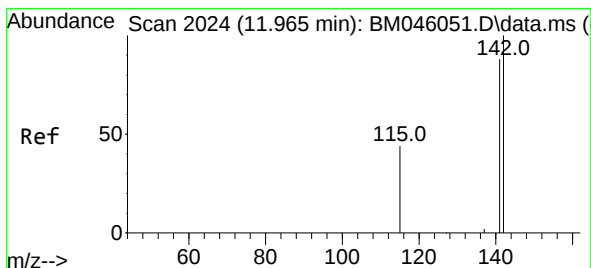
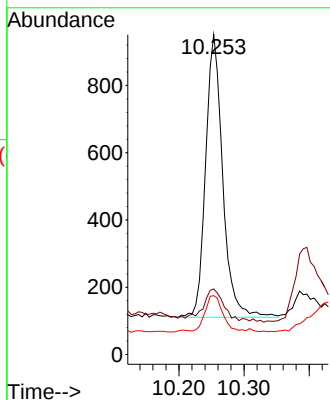
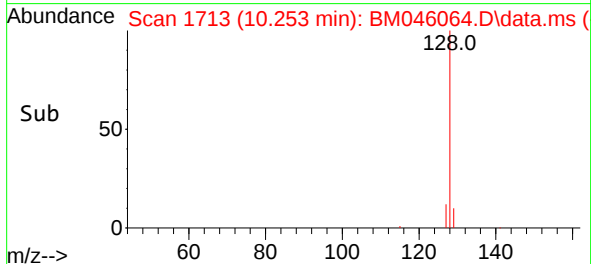
Instrument :
BNA_M
ClientSampleId :
A4BK9



Tgt Ion:128 Resp: 1534
Ion Ratio Lower Upper
128 100
129 20.5 11.8 17.6
127 18.4 12.8 19.2

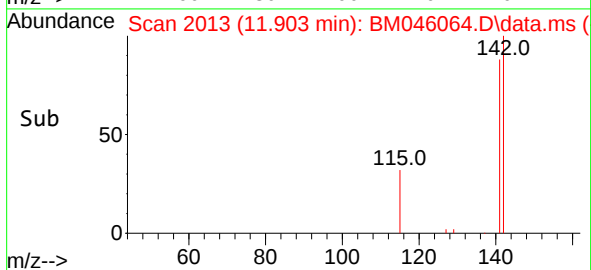
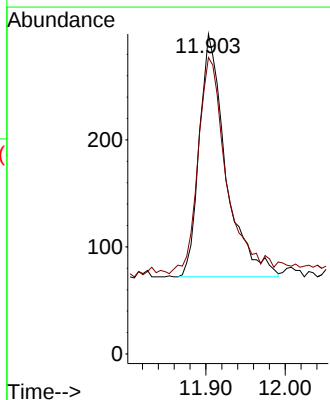
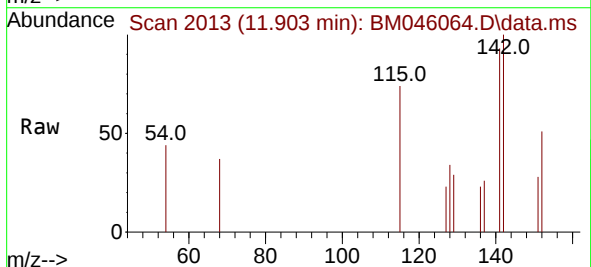
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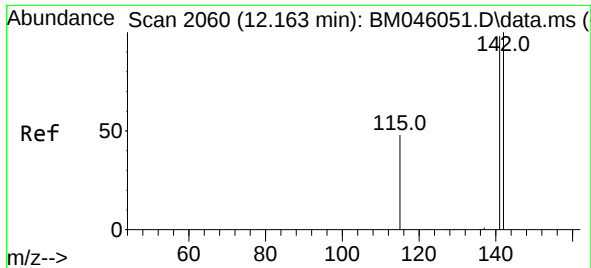
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.044 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

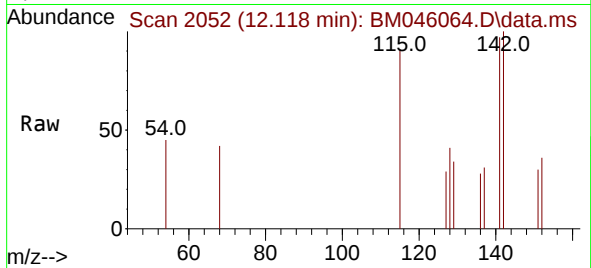
Tgt Ion:142 Resp: 527
Ion Ratio Lower Upper
142 100
141 103.0 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.118 min Scan# 2060
Delta R.T. -0.033 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

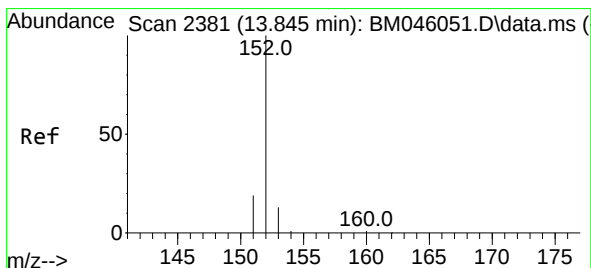
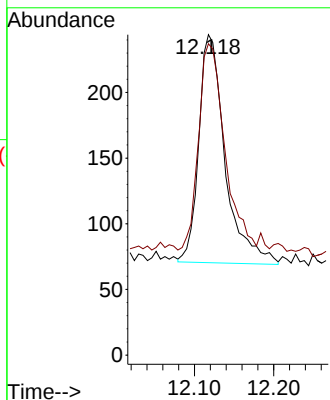
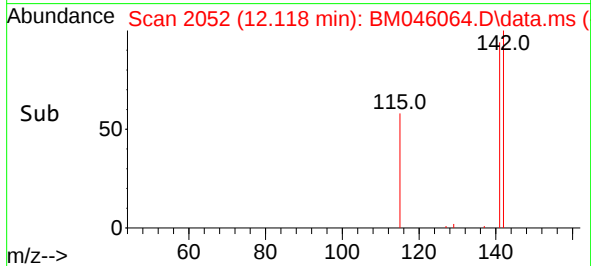
Instrument :
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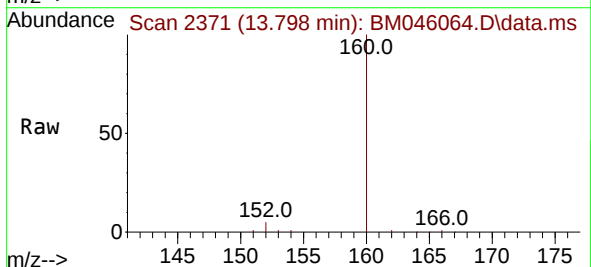
Tgt Ion:142 Resp: 400
Ion Ratio Lower Upper
142 100
141 91.3 75.2 112.8

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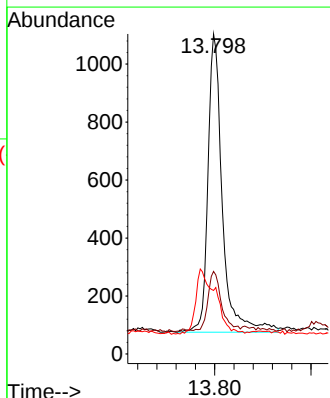
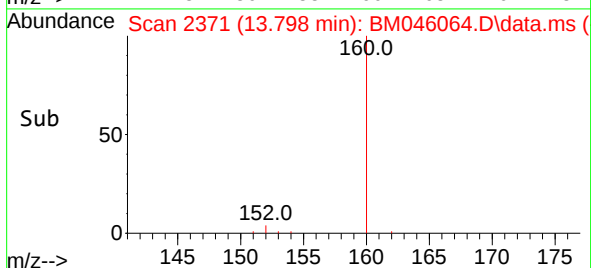
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

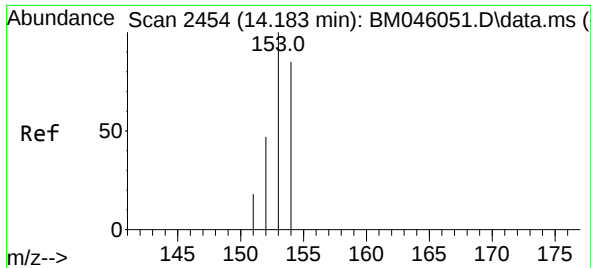


#10
Acenaphthylene
Concen: 0.087 ng/ul
RT: 13.798 min Scan# 2371
Delta R.T. -0.037 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05



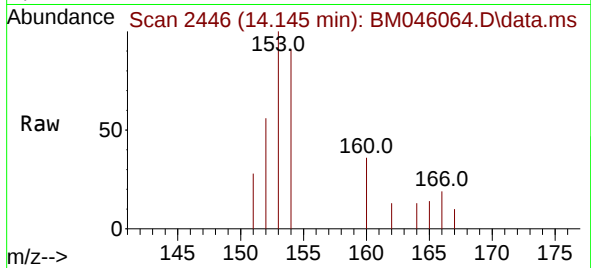
Tgt Ion:152 Resp: 2132
Ion Ratio Lower Upper
152 100
151 25.8 17.4 26.2
153 19.8 11.8 17.8#





#11
Acenaphthene
Concen: 0.060 ng/ul
RT: 14.145 min Scan# 2454
Delta R.T. -0.028 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

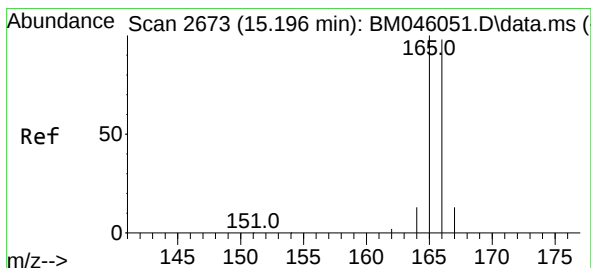
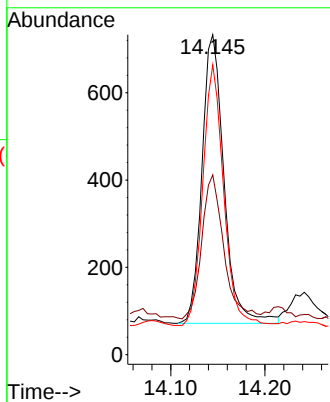
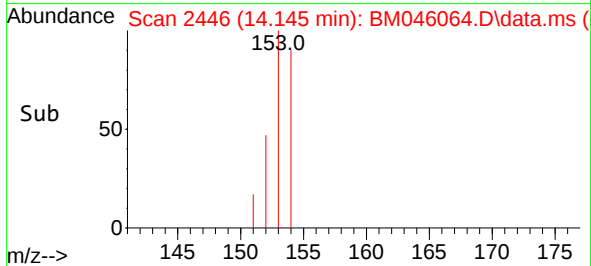
Instrument :
BNA_M
ClientSampleId :
A4BK9



Tgt Ion:153 Resp: 107
Ion Ratio Lower Upper
153 100
152 56.2 41.3 61.9
154 90.6 68.2 102.4

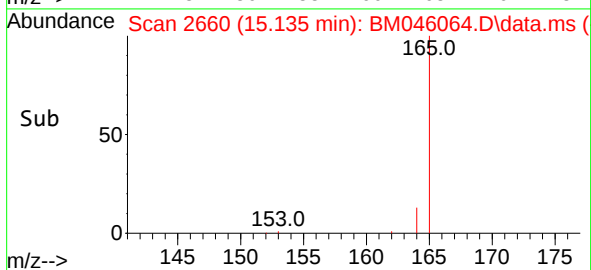
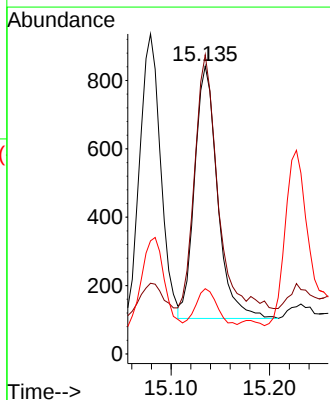
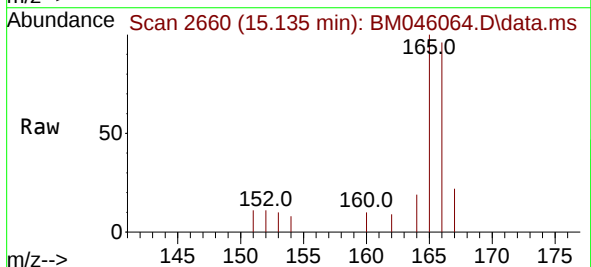
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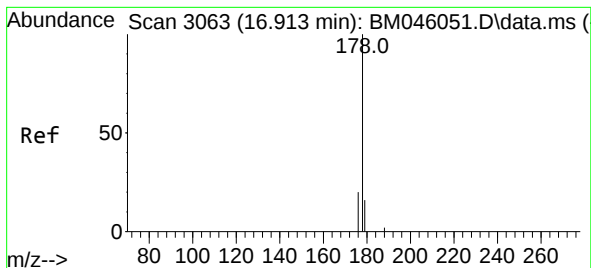
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.135 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

Tgt Ion:166 Resp: 1196
Ion Ratio Lower Upper
166 100
165 103.9 80.4 120.6
167 22.7 12.4 18.6#





#15

Phenanthrene

Concen: 0.831 ng/ul m

RT: 16.861 min Scan# 3073

Delta R.T. -0.042 min

Lab File: BM046064.D

Acq: 18 Jun 2024 23:05

Instrument :

BNA_M

ClientSampleId :

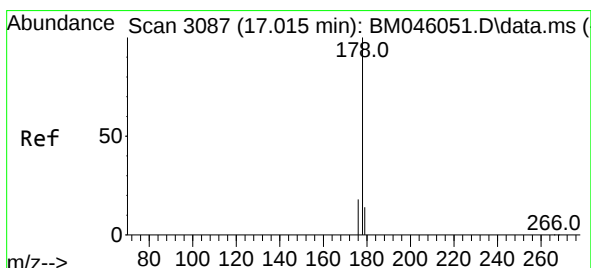
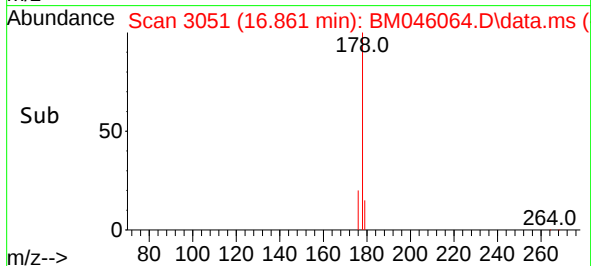
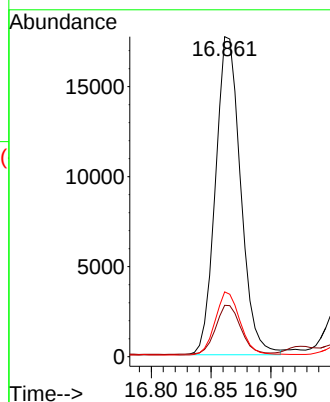
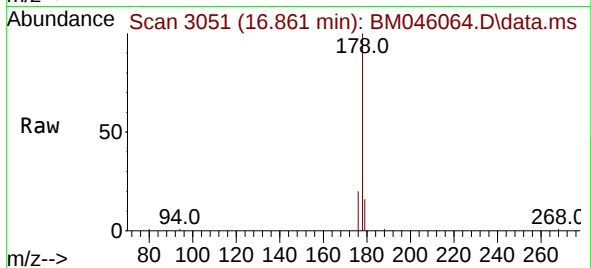
A4BK9

Tgt Ion:178	Resp:	2583
Ion Ratio	Lower	Upper
178	100	
179	16.1	14.2 21.2
176	20.3	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: 0.188 ng/ul m

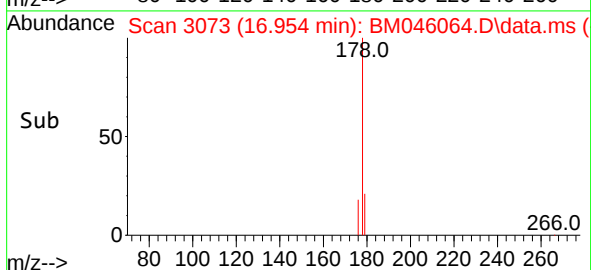
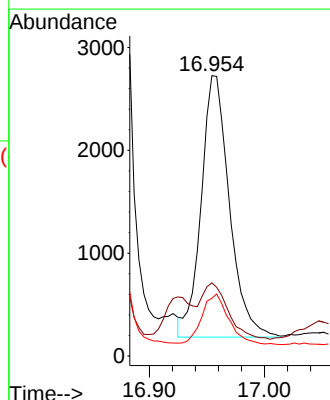
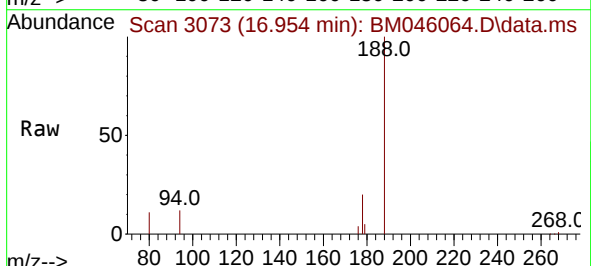
RT: 16.954 min Scan# 3073

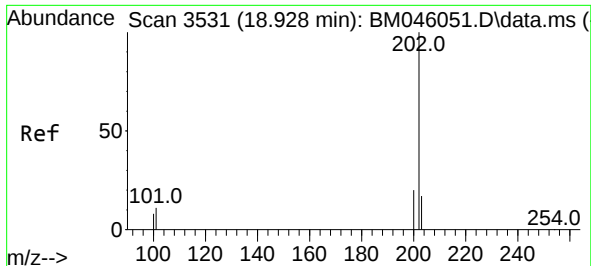
Delta R.T. -0.051 min

Lab File: BM046064.D

Acq: 18 Jun 2024 23:05

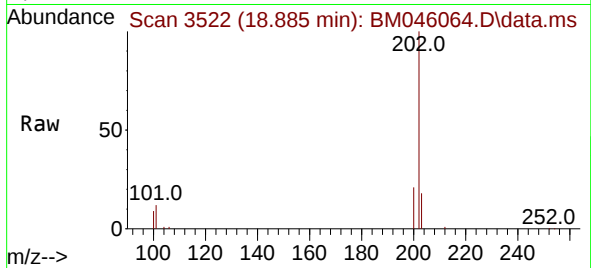
Tgt Ion:178	Resp:	4342
Ion Ratio	Lower	Upper
178	100	
179	26.1	14.9 22.3
176	20.6	17.0 25.4





#19
Fluoranthene
Concen: 1.402 ng/u1
RT: 18.885 min Scan# 3522
Delta R.T. -0.032 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

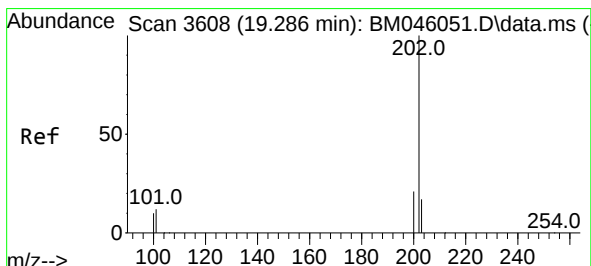
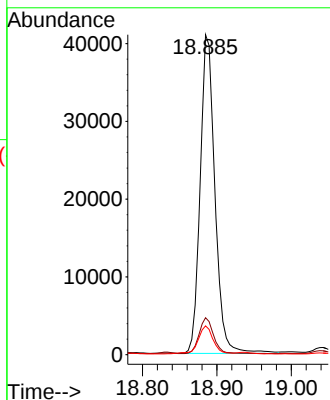
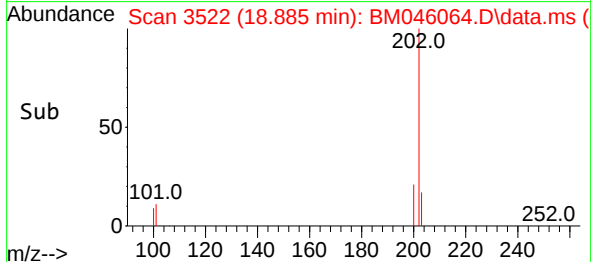
Instrument :
BNA_M
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Tgt Ion:202 Resp: 5657
Ion Ratio Lower Upper
202 100
101 11.5 9.6 14.4
100 9.0 7.6 11.4

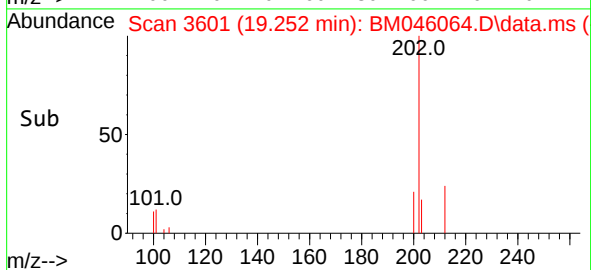
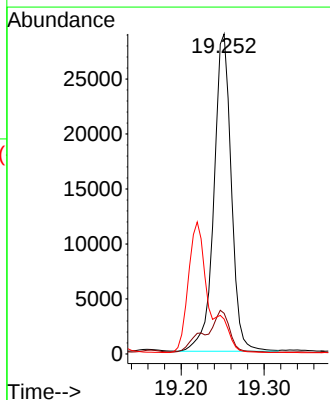
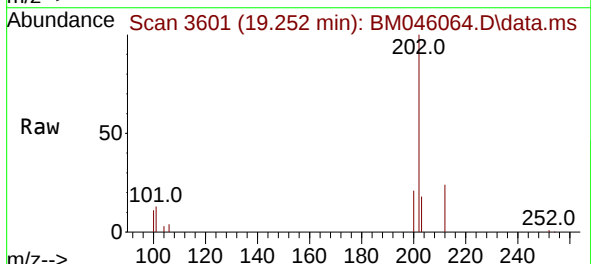
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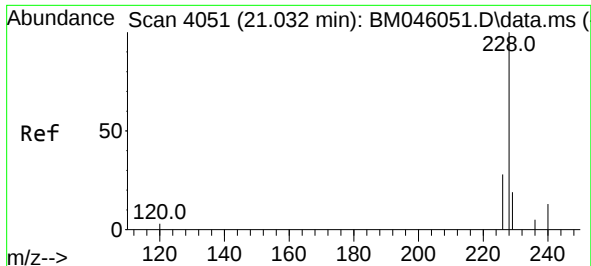
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#20
Pyrene
Concen: 0.956 ng/u1
RT: 19.252 min Scan# 3601
Delta R.T. -0.023 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

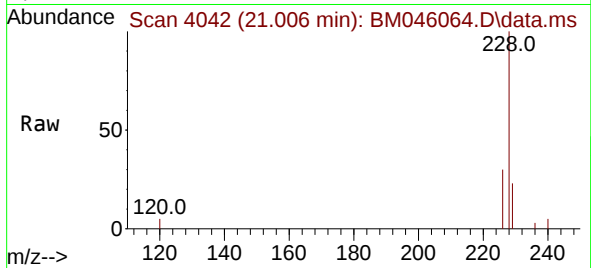
Tgt Ion:202 Resp: 41735
Ion Ratio Lower Upper
202 100
101 12.7 11.3 16.9
100 10.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.639 ng/ul
RT: 21.006 min Scan# 4042
Delta R.T. -0.023 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

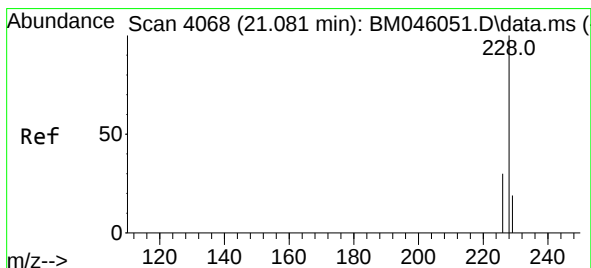
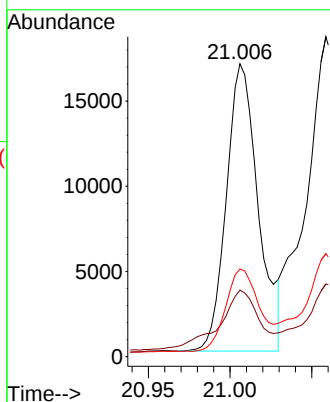
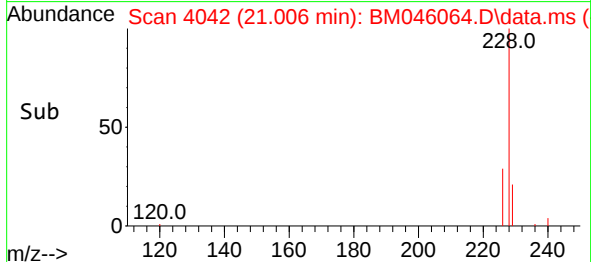
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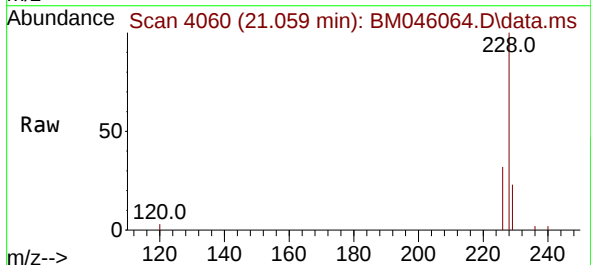
Tgt Ion:228 Resp: 22995
Ion Ratio Lower Upper
228 100
229 22.7 16.4 24.6
226 29.9 23.4 35.2

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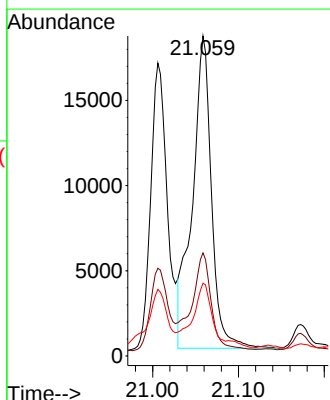
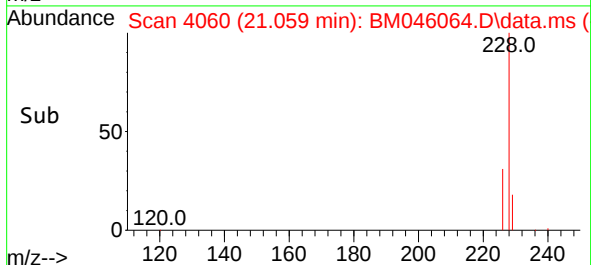
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

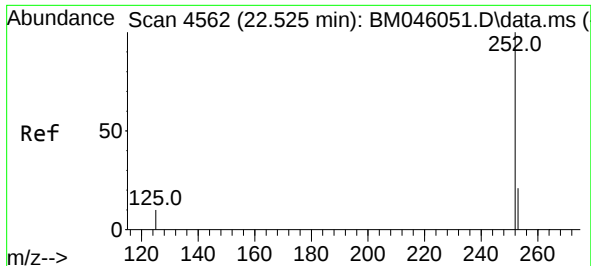


#22
Chrysene
Concen: 0.619 ng/ul
RT: 21.059 min Scan# 4060
Delta R.T. -0.017 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05



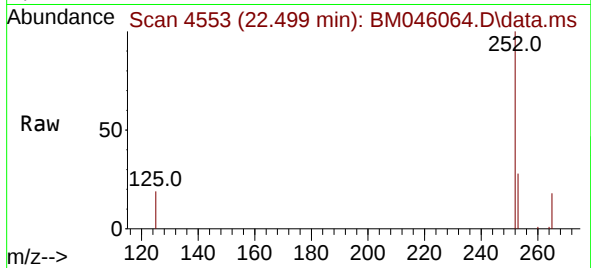
Tgt Ion:228 Resp: 28440
Ion Ratio Lower Upper
228 100
226 32.2 25.2 37.8
229 22.8 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.153 ng/ul m
RT: 22.499 min Scan# 4553
Delta R.T. -0.020 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

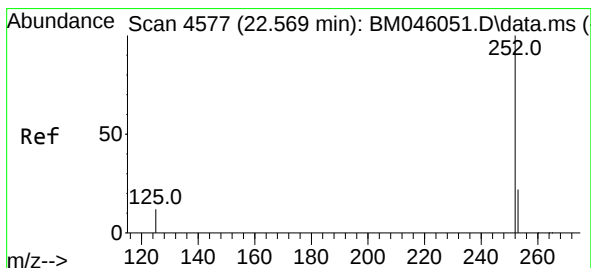
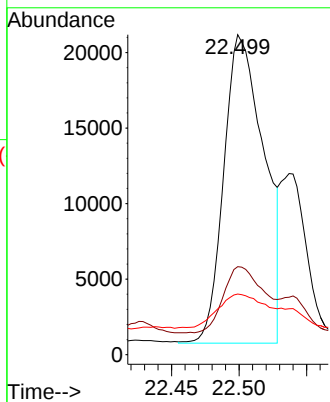
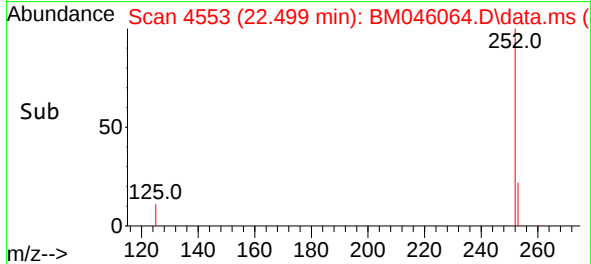
Instrument :
BNA_M
ClientSampleId :
A4BK9



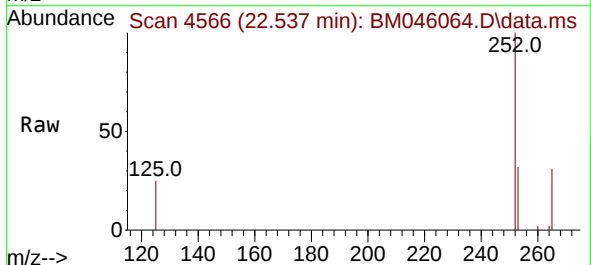
Tgt Ion:252 Resp: 4234
Ion Ratio Lower Upper
252 100
253 27.5 0.0 65.8
125 19.0 0.0 40.2

Manual Integrations
APPROVED

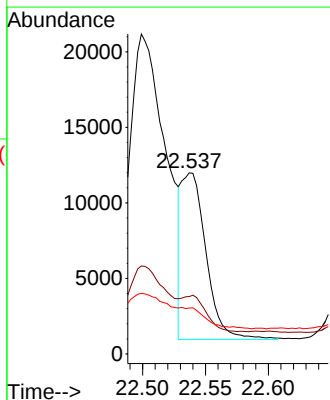
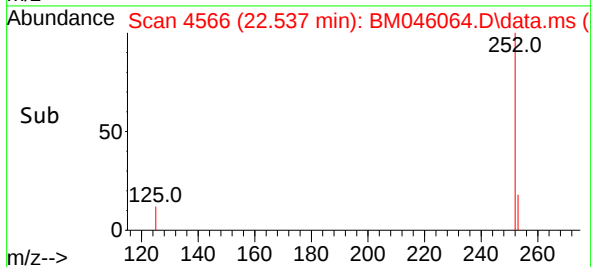
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

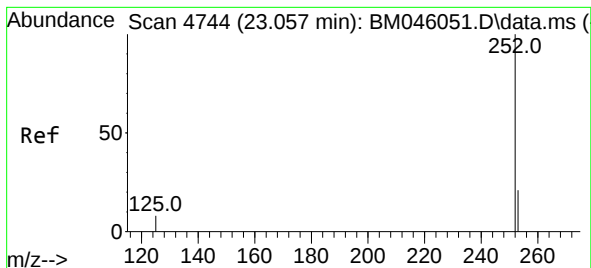


#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul m
RT: 22.537 min Scan# 4566
Delta R.T. -0.026 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05



Tgt Ion:252 Resp: 15016
Ion Ratio Lower Upper
252 100
253 31.7 27.2 40.8
125 25.3 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.456 ng/ul

RT: 23.025 min Scan# 41

Delta R.T. -0.029 min

Lab File: BM046064.D

Acq: 18 Jun 2024 23:05

Instrument :

BNM_M

ClientSampleId :

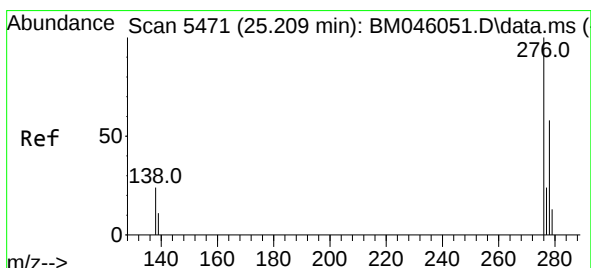
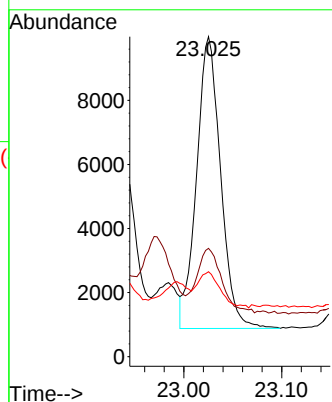
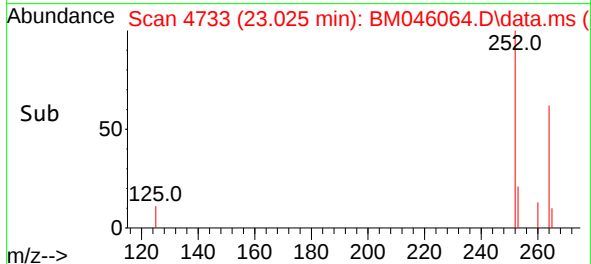
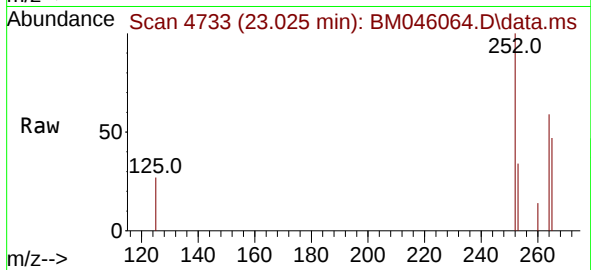
A4BK9

Tgt Ion:	252	Resp:	1553
Ion Ratio	Lower	Upper	
252	100		
253	33.9	32.1	48.1
125	26.6	21.2	31.8

Manual Integrations

APPROVED

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



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.311 ng/ul

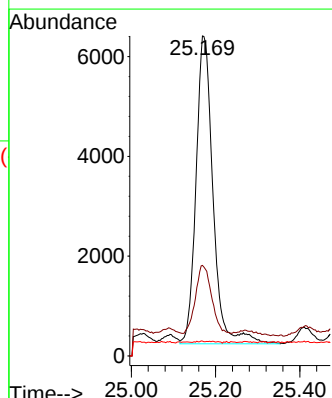
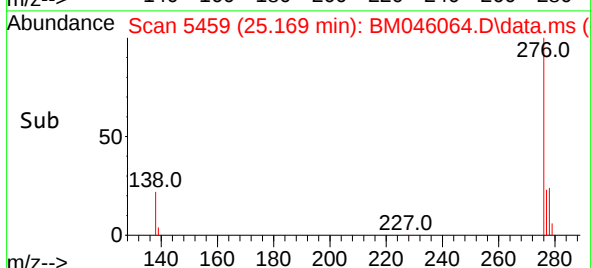
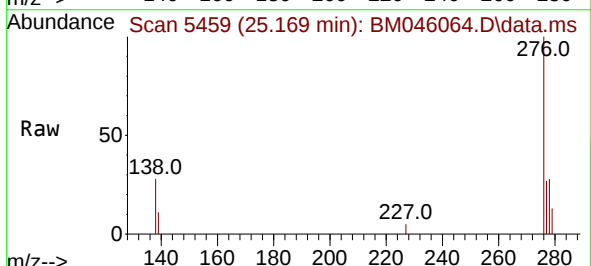
RT: 25.169 min Scan# 5459

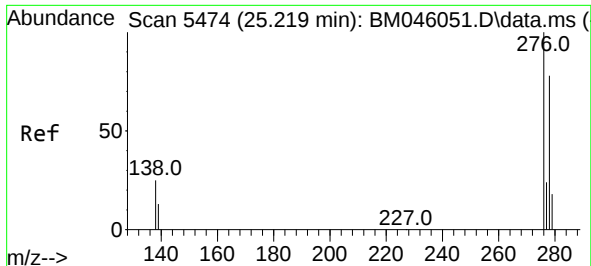
Delta R.T. -0.033 min

Lab File: BM046064.D

Acq: 18 Jun 2024 23:05

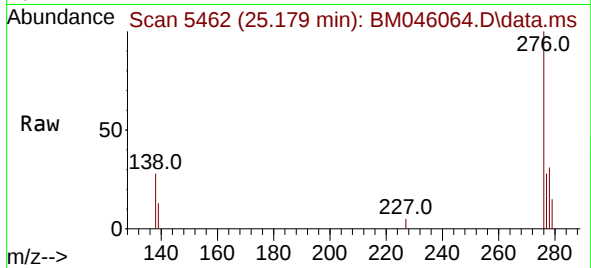
Tgt Ion:	276	Resp:	17320
Ion Ratio	Lower	Upper	
276	100		
138	21.5	21.0	31.4
227	0.3	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 25.179 min Scan# 5474
Delta R.T. -0.037 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

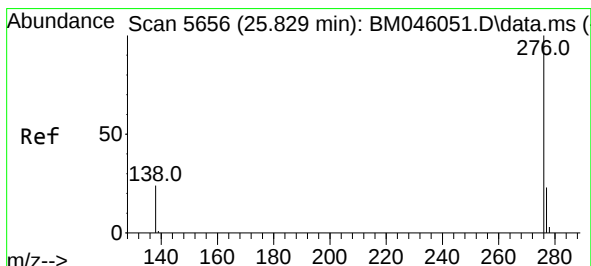
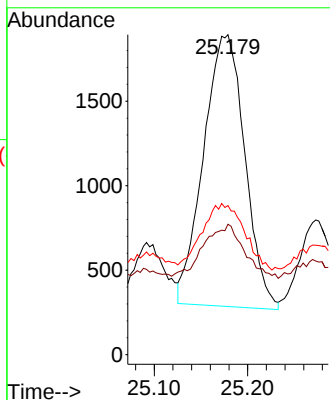
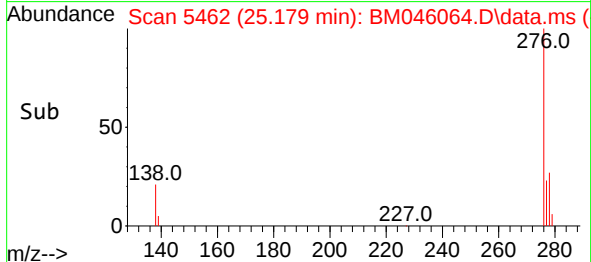
Instrument :
BNA_M
ClientSampleId :
A4BK9



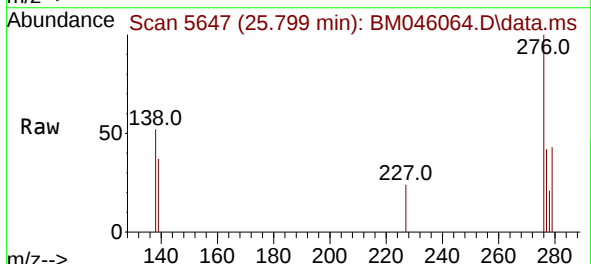
Tgt Ion:278 Resp: 4934
Ion Ratio Lower Upper
278 100
139 40.8 17.6 26.4#
279 46.6 26.3 39.5#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 25.799 min Scan# 5647
Delta R.T. -0.030 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05



Tgt Ion:276 Resp: 3078
Ion Ratio Lower Upper
276 100
138 52.4 21.7 32.5#
277 41.7 20.4 30.6#

