

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046565.D
 Acq On : 13 Jul 2024 03:31
 Operator : MA/JU
 Sample : P3087-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BR4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 04:25:06 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 12 05:09:19 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	3491	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	9257	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.150	164	5669	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	12252m	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	9391	0.400	ng/ul #	0.00
23) Perylene-d12	23.247	264	9389m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	10299	3.591	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	3692	0.247	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	7927	0.277	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.315	128	1135	0.048	ng/ul#	87
7) 2-Methylnaphthalene	11.943	142	459	0.028	ng/ul	91
10) Acenaphthylene	13.868	152	2111	0.082	ng/ul#	91
11) Acenaphthene	14.215	153	366	0.021	ng/ul	95
12) Fluorene	15.210	166	681	0.032	ng/ul#	92
15) Phenanthrene	16.943	178	9807	0.280	ng/ul	97
16) Anthracene	17.036	178	2781	0.082	ng/ul#	89
19) Fluoranthene	18.970	202	23235	0.602	ng/ul#	98
20) Pyrene	19.337	202	23850m	0.571	ng/ul	
21) Benzo(a)anthracene	21.090	228	11941	0.287	ng/ul#	90
22) Chrysene	21.140	228	14183	0.353	ng/ul#	93
24) Benzo(b)fluoranthene	22.613	252	18461m	0.492	ng/ul	
25) Benzo(k)fluoranthene	22.651	252	6167m	0.167	ng/ul	
26) Benzo(a)pyrene	23.153	252	11707	0.379	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.366	276	9360	0.199	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	2377	0.064	ng/ul#	27
29) Benzo(g,h,i)perylene	26.007	276	9606	0.256	ng/ul#	92

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

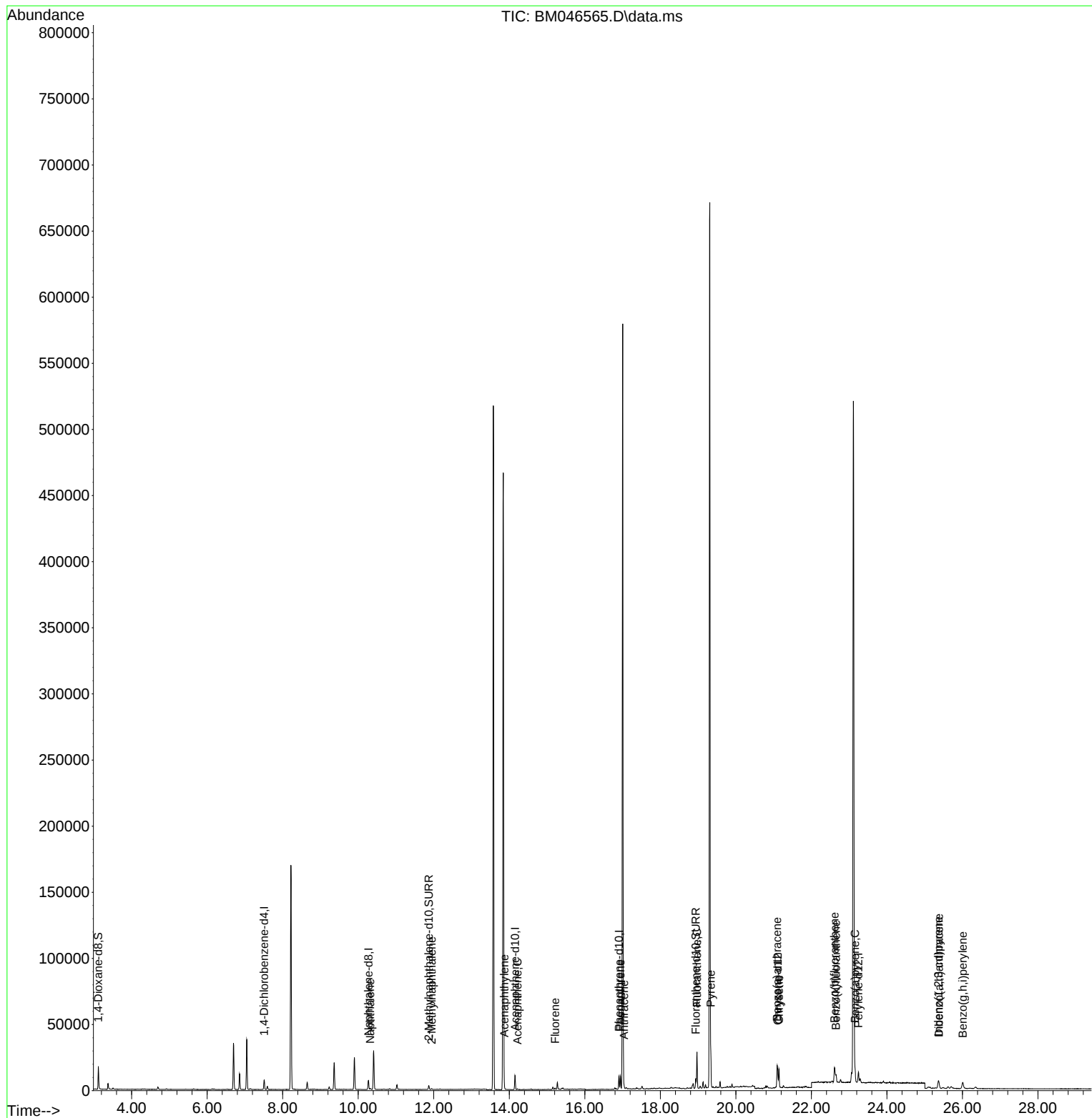
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046565.D
Acq On : 13 Jul 2024 03:31
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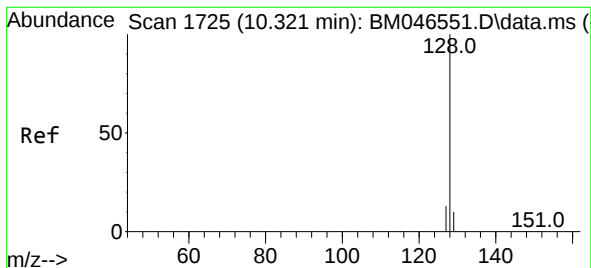
Instrument :
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A4BR4

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Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 04:25:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.048 ng/ul

RT: 10.315 min Scan# 1724

Delta R.T. -0.010 min

Lab File: BM046565.D

Acq: 13 Jul 2024 03:31

Instrument :

BNA_M

ClientSampleId :

A4BR4

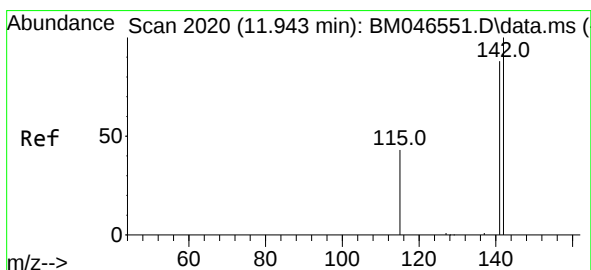
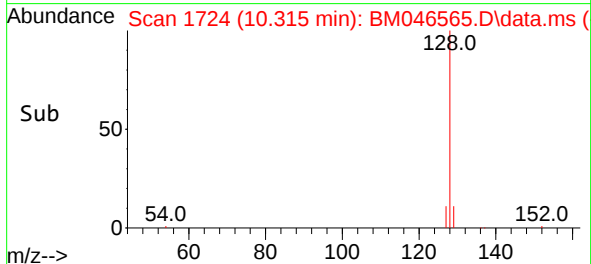
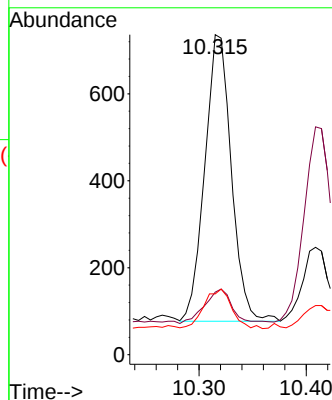
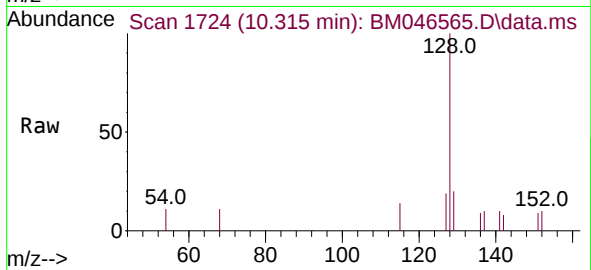
Tgt Ion:	128	Resp:	113
Ion Ratio	Lower	Upper	
128	100		
129	19.6	10.3	15.5
127	19.0	12.2	18.4

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.028 ng/ul

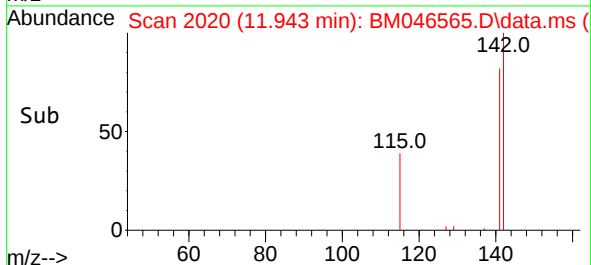
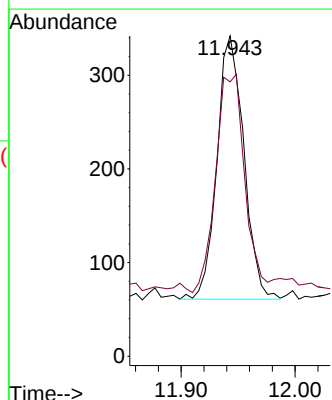
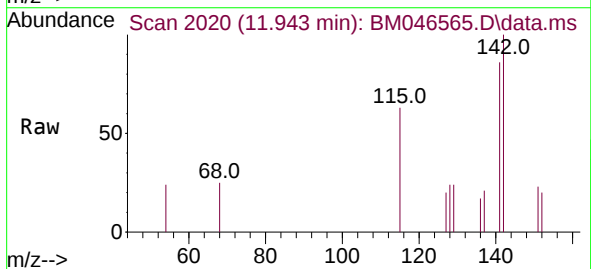
RT: 11.943 min Scan# 2020

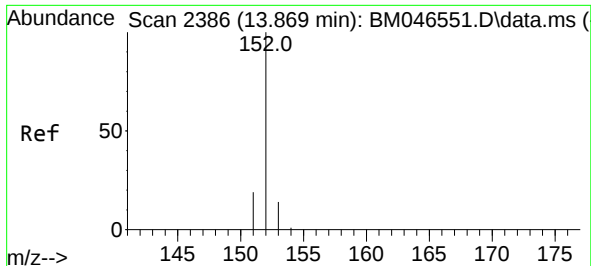
Delta R.T. -0.004 min

Lab File: BM046565.D

Acq: 13 Jul 2024 03:31

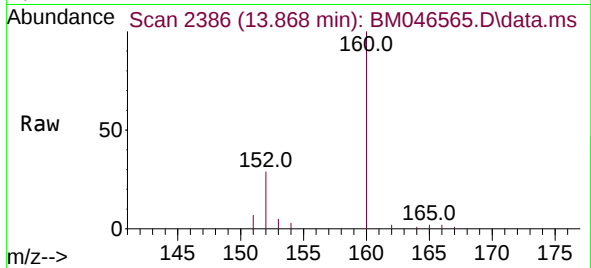
Tgt Ion:	142	Resp:	459
Ion Ratio	Lower	Upper	
142	100		
141	96.1	70.3	105.5





#10
Acenaphthylene
Concen: 0.082 ng/u1
RT: 13.868 min Scan# 211
Delta R.T. -0.003 min
Lab File: BM046565.D
Acq: 13 Jul 2024 03:31

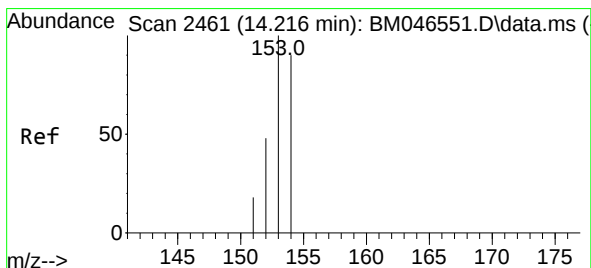
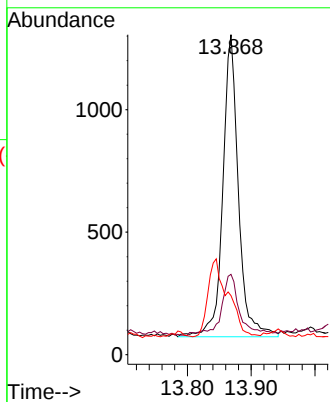
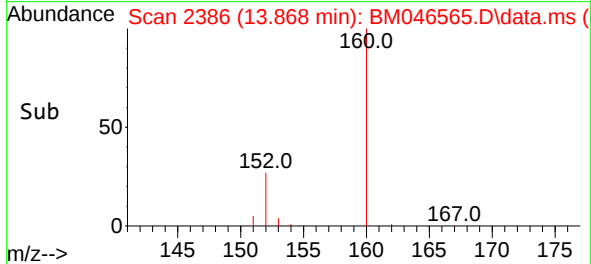
Instrument :
BNA_M
ClientSampleId :
A4BR4



Tgt Ion:152 Resp: 211
Ion Ratio Lower Upper
152 100
151 25.1 16.4 24.6
153 18.5 12.4 18.6

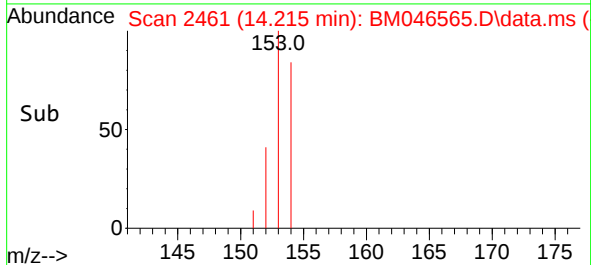
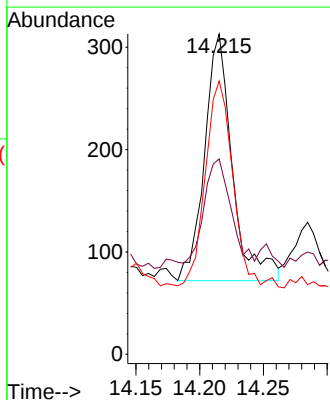
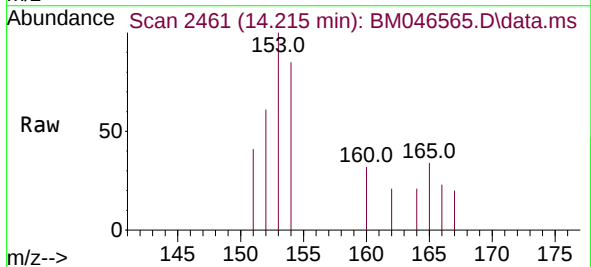
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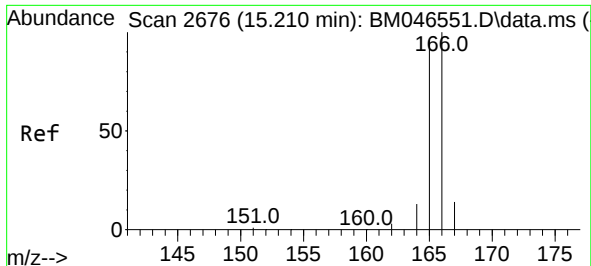
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#11
Acenaphthene
Concen: 0.021 ng/u1
RT: 14.215 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BM046565.D
Acq: 13 Jul 2024 03:31

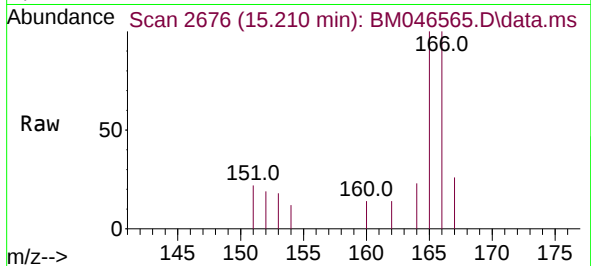
Tgt Ion:153 Resp: 366
Ion Ratio Lower Upper
153 100
152 61.0 43.0 64.6
154 85.3 69.9 104.9





#12
Fluorene
Concen: 0.032 ng/uI
RT: 15.210 min Scan# 20
Delta R.T. -0.003 min
Lab File: BM046565.D
Acq: 13 Jul 2024 03:31

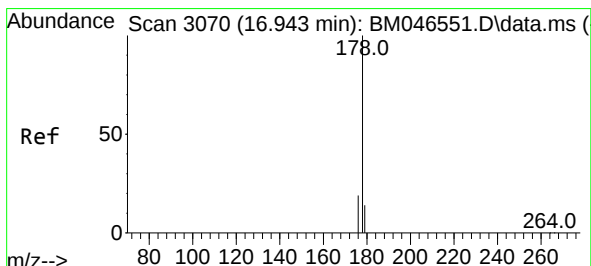
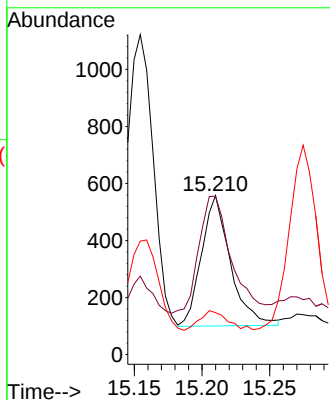
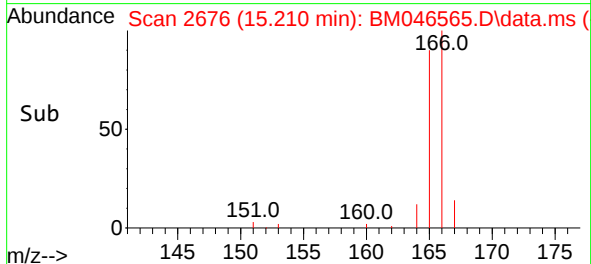
Instrument :
BNA_M
ClientSampleId :
A4BR4



Tgt Ion:166 Resp: 68
Ion Ratio Lower Upper
166 100
165 99.6 76.1 114.1
167 26.3 12.5 18.7

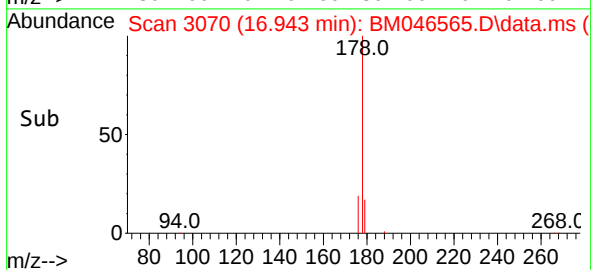
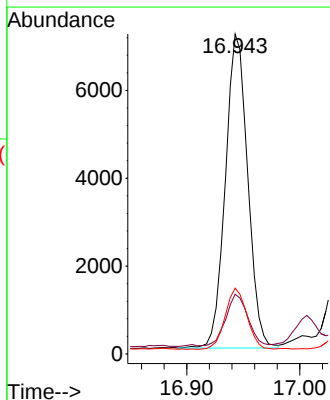
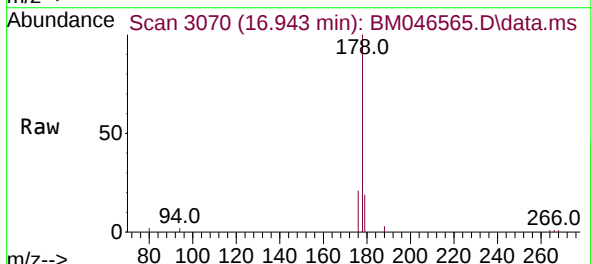
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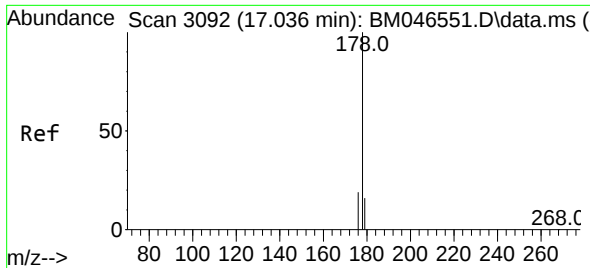
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 0.280 ng/uI
RT: 16.943 min Scan# 3070
Delta R.T. -0.007 min
Lab File: BM046565.D
Acq: 13 Jul 2024 03:31

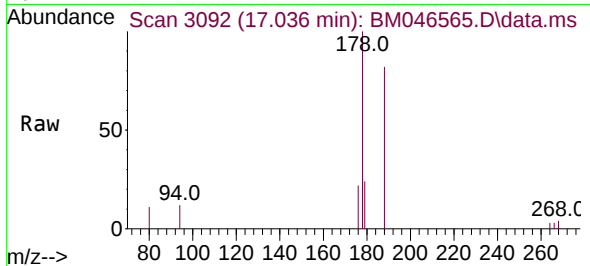
Tgt Ion:178 Resp: 9807
Ion Ratio Lower Upper
178 100
179 18.7 13.1 19.7
176 20.5 16.0 24.0





#16
 Anthracene
 Concen: 0.082 ng/ul
 RT: 17.036 min Scan# 3092
 Delta R.T. -0.003 min
 Lab File: BM046565.D
 Acq: 13 Jul 2024 03:31

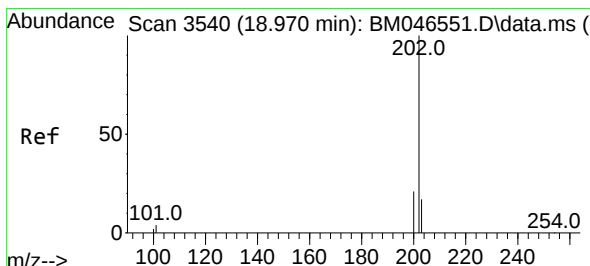
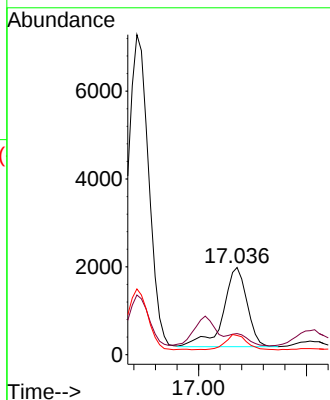
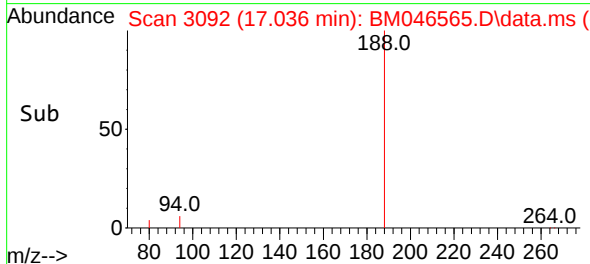
Instrument :
 BNA_M
 ClientSampleId :
 A4BR4



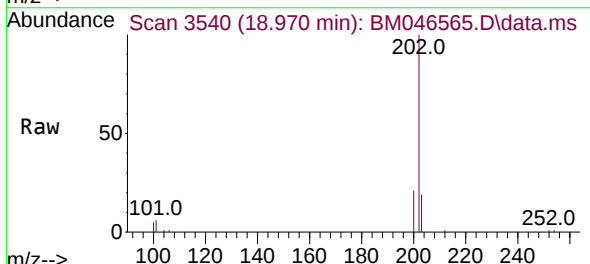
Tgt Ion:178 Resp: 278
 Ion Ratio Lower Upper
 178 100
 179 24.3 13.5 20.3
 176 22.1 15.7 23.5

Manual Integrations
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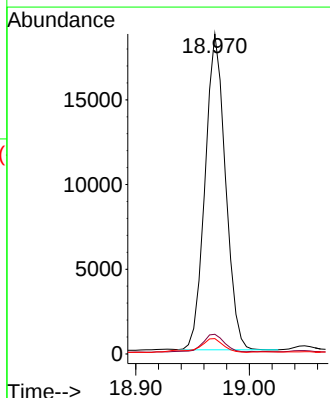
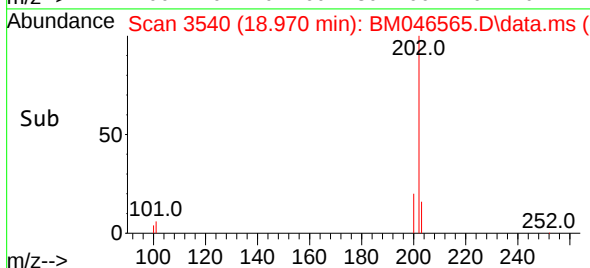
Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

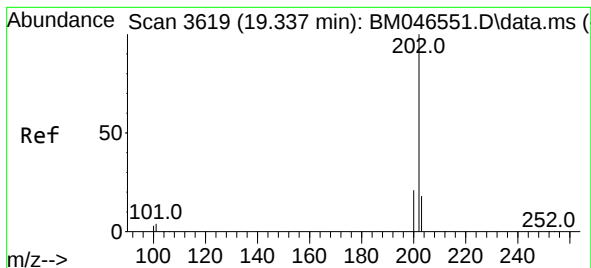


#19
 Fluoranthene
 Concen: 0.602 ng/ul
 RT: 18.970 min Scan# 3540
 Delta R.T. -0.008 min
 Lab File: BM046565.D
 Acq: 13 Jul 2024 03:31



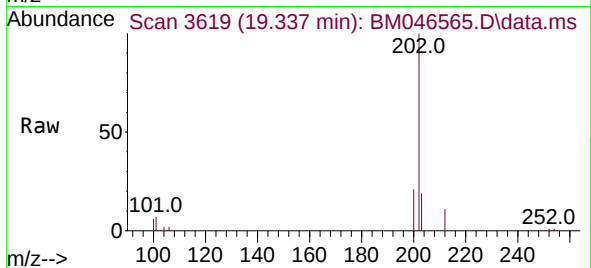
Tgt Ion:202 Resp: 23235
 Ion Ratio Lower Upper
 202 100
 101 6.1 4.6 6.8
 100 4.8 3.0 4.6





#20
Pyrene
Concen: 0.571 ng/ul m
RT: 19.337 min Scan# 3619
Delta R.T. -0.003 min
Lab File: BM046565.D
Acq: 13 Jul 2024 03:31

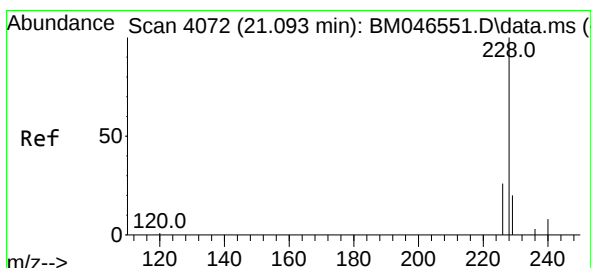
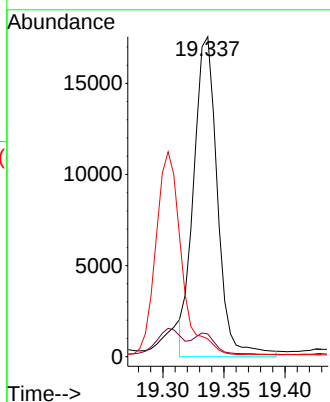
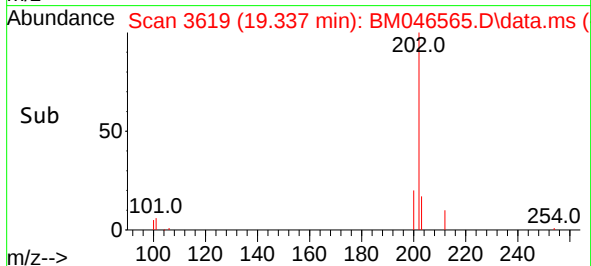
Instrument :
BNA_M
ClientSampleId :
A4BR4



Tgt Ion:202 Resp: 23850
Ion Ratio Lower Upper
202 100
101 7.1 5.1 7.7
100 5.6 3.8 5.6

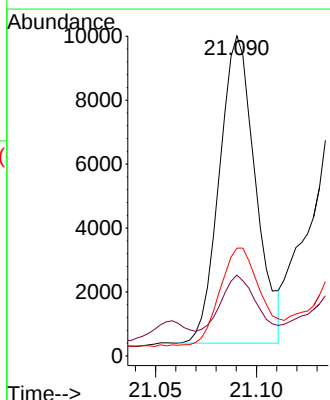
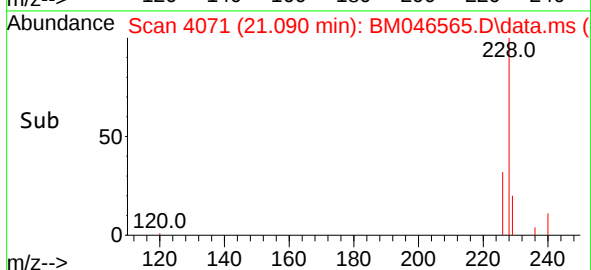
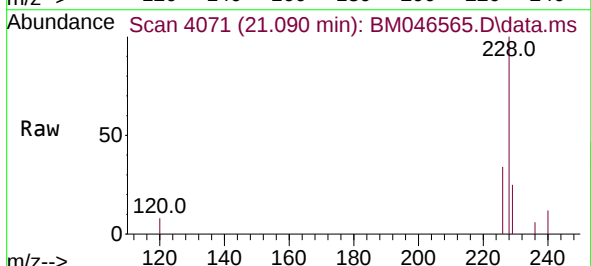
Manual Integrations
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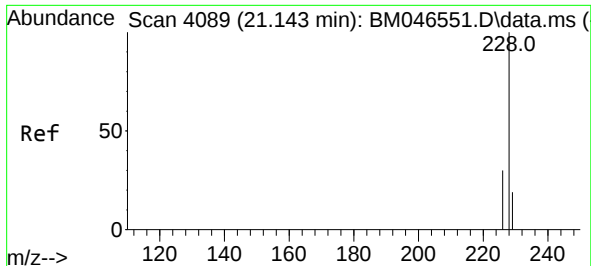
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#21
Benzo(a)anthracene
Concen: 0.287 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. -0.006 min
Lab File: BM046565.D
Acq: 13 Jul 2024 03:31

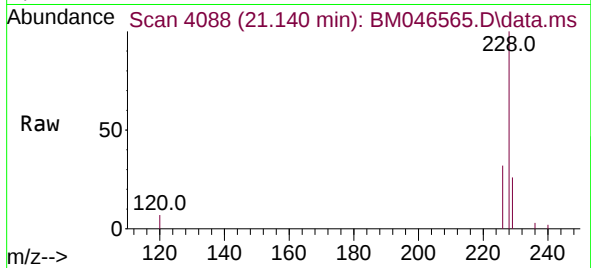
Tgt Ion:228 Resp: 11941
Ion Ratio Lower Upper
228 100
229 25.2 16.5 24.7#
226 33.7 22.5 33.7





#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.140 min Scan# 4089
Delta R.T. -0.009 min
Lab File: BM046565.D
Acq: 13 Jul 2024 03:31

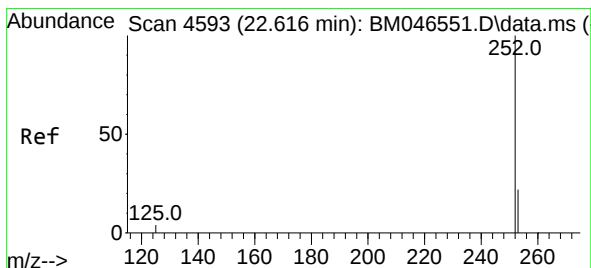
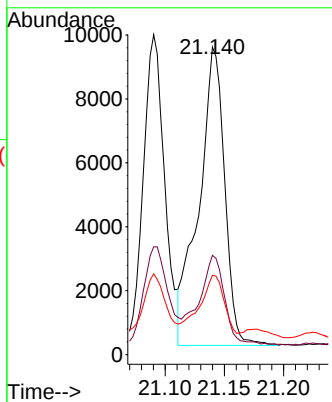
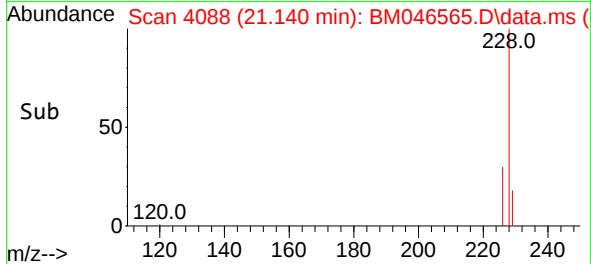
Instrument :
BNA_M
ClientSampleId :
A4BR4



Tgt Ion:228 Resp: 1418
Ion Ratio Lower Upper
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226 32.3 24.3 36.5
229 25.8 16.4 24.6

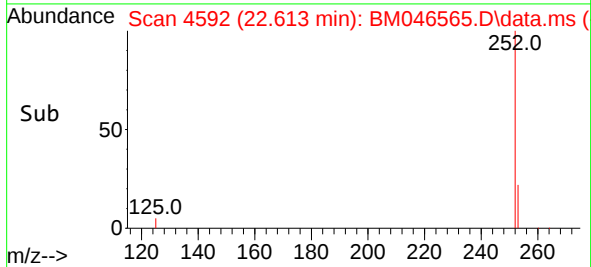
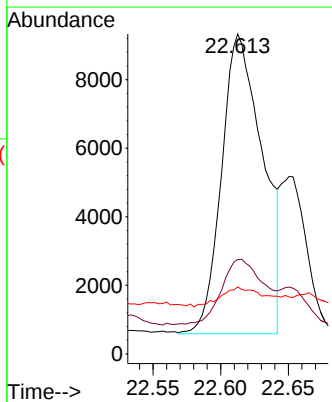
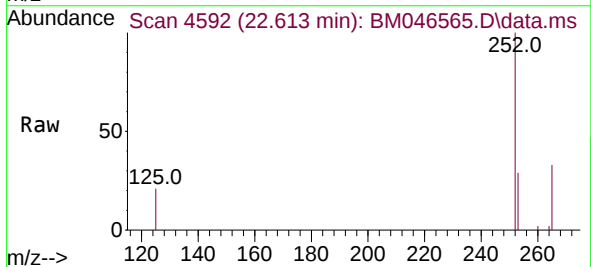
Manual Integrations
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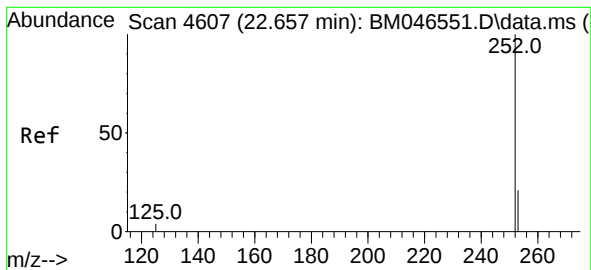
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#24
Benzo(b)fluoranthene
Concen: 0.492 ng/ul m
RT: 22.613 min Scan# 4592
Delta R.T. -0.009 min
Lab File: BM046565.D
Acq: 13 Jul 2024 03:31

Tgt Ion:252 Resp: 18461
Ion Ratio Lower Upper
252 100
253 29.5 0.0 56.2
125 20.9 0.0 17.8





#25

Benzo(k)fluoranthene

Concen: 0.167 ng/ul m

RT: 22.651 min Scan# 4

Delta R.T. -0.012 min

Lab File: BM046565.D

Acq: 13 Jul 2024 03:31

Instrument :

BNA_M

ClientSampleId :

A4BR4

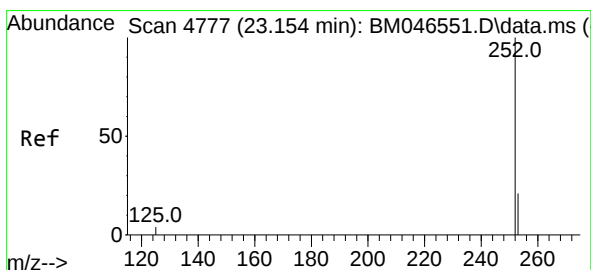
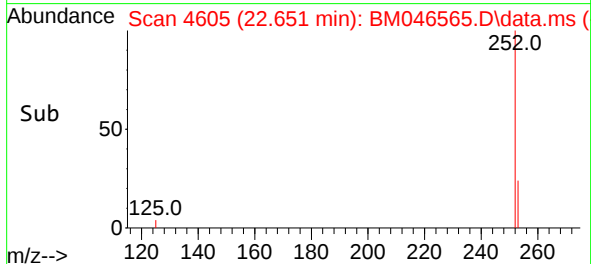
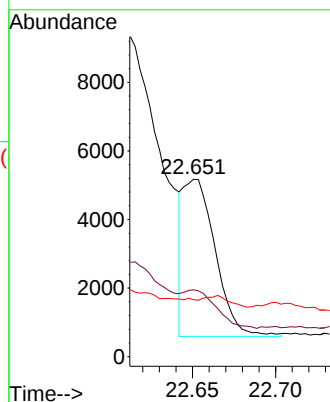
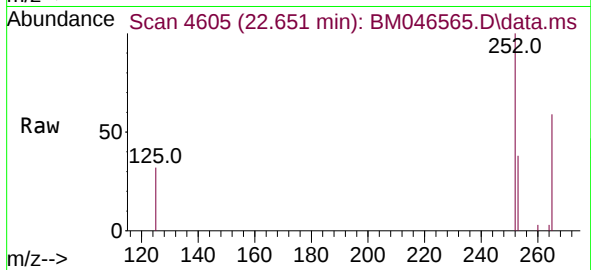
Tgt Ion:252	Resp:	616
Ion Ratio	Lower	Upper
252	100	
253	37.7	22.4 33.6
125	32.1	7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#26

Benzo(a)pyrene

Concen: 0.379 ng/ul

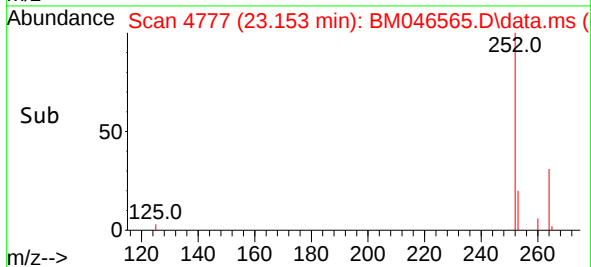
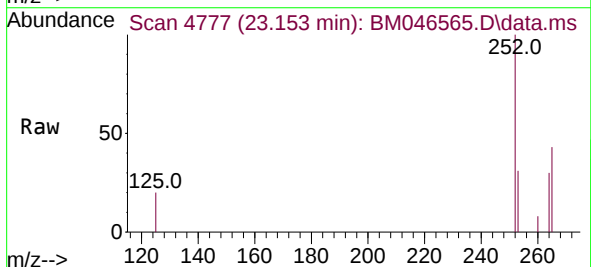
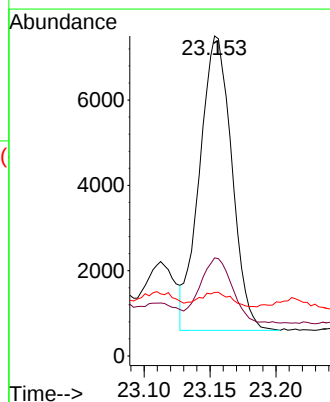
RT: 23.153 min Scan# 4777

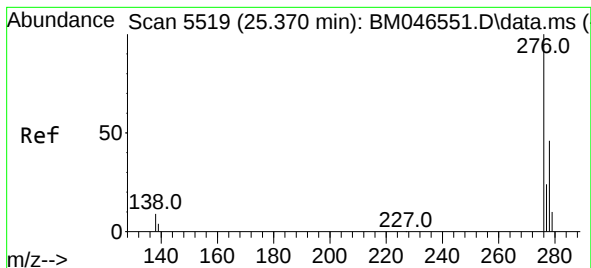
Delta R.T. -0.009 min

Lab File: BM046565.D

Acq: 13 Jul 2024 03:31

Tgt Ion:252	Resp:	11707
Ion Ratio	Lower	Upper
252	100	
253	30.6	24.0 36.0
125	19.9	8.2 12.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.199 ng/ul

RT: 25.366 min Scan# 5519

Delta R.T. -0.017 min

Lab File: BM046565.D

Acq: 13 Jul 2024 03:31

Instrument :

BNA_M

ClientSampleId :

A4BR4

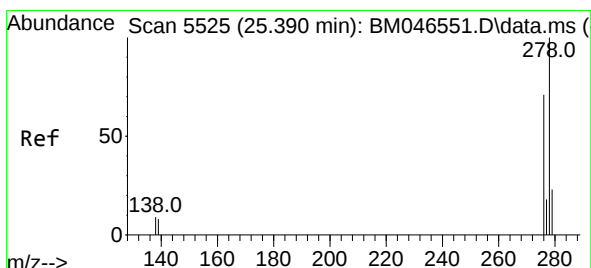
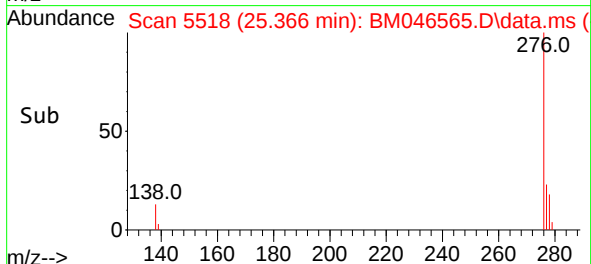
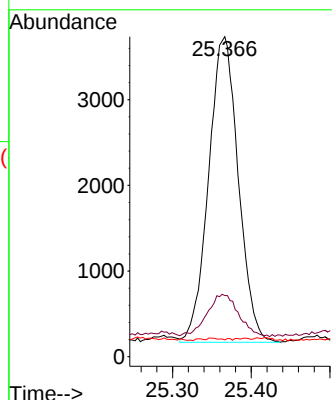
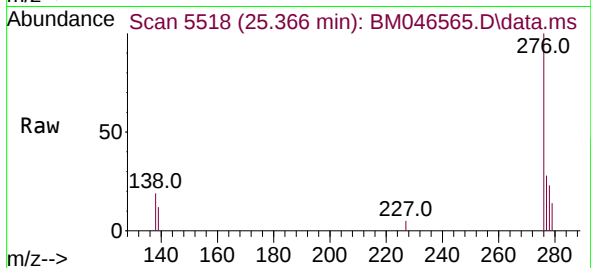
Tgt Ion:	276	Resp:	9360
Ion Ratio	Lower	Upper	
276	100		
138	14.8	0.0	0.0#
227	0.1	0.2	0.2#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.064 ng/ul

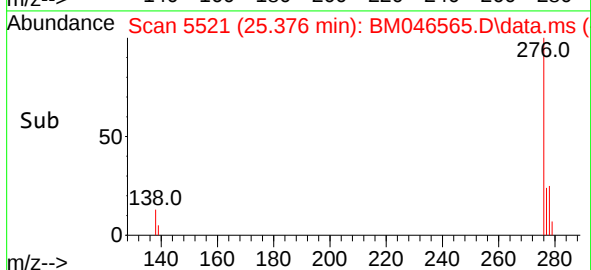
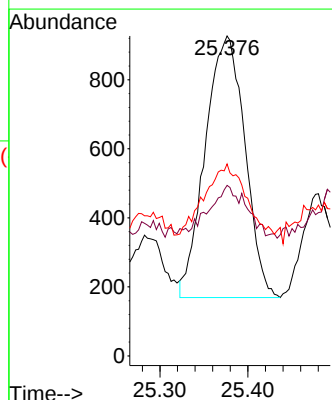
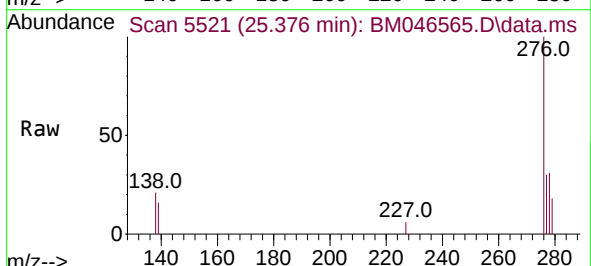
RT: 25.376 min Scan# 5521

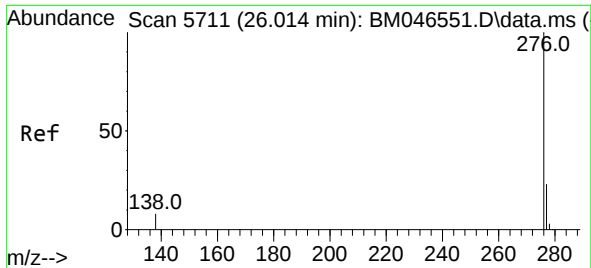
Delta R.T. -0.024 min

Lab File: BM046565.D

Acq: 13 Jul 2024 03:31

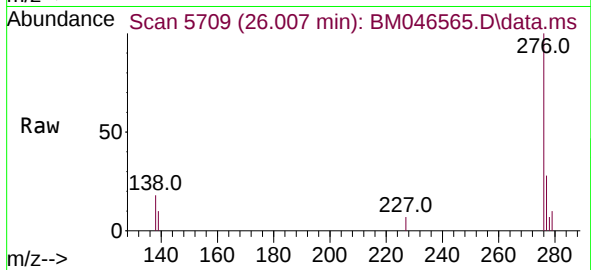
Tgt Ion:	278	Resp:	2377
Ion Ratio	Lower	Upper	
278	100		
139	53.3	9.1	13.7#
279	60.0	23.2	34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.256 ng/ul
RT: 26.007 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM046565.D
Acq: 13 Jul 2024 03:31

Instrument :
BNA_M
ClientSampleId :
A4BR4



Tgt Ion:276 Resp: 9600
Ion Ratio Lower Upper
276 100
138 18.5 10.2 15.4
277 28.5 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

