

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046068.D
 Acq On : 19 Jun 2024 02:06
 Operator : MA/JU
 Sample : P2695-25
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN3

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 08:25:21 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	7.430	152	3735	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.198	136	10434	0.400	ng/ul	#-0.06
9) Acenaphthene-d10	14.080	164	5576	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.819	188	11955m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.018	240	9714m	0.400	ng/ul	-0.03
23) Perylene-d12	23.113	264	11024m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	28346	5.532	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.821	152	5766	0.412	ng/ul	-0.04
18) Fluoranthene-d10	18.852	212	13279	0.456	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.248	128	4617	0.159	ng/ul	99
7) 2-Methylnaphthalene	11.892	142	1359	0.083	ng/ul	95
8) 1-Methylnaphthalene	12.112	142	1011	0.056	ng/ul	100
10) Acenaphthylene	13.793	152	7856	0.297	ng/ul	99
11) Acenaphthene	14.140	153	4429	0.232	ng/ul	99
12) Fluorene	15.134	166	5432	0.265	ng/ul	98
15) Phenanthrene	16.861	178	126513m	3.767	ng/ul	
16) Anthracene	16.954	178	20968m	0.838	ng/ul	
19) Fluoranthene	18.885	202	303347	7.212	ng/ul	96
20) Pyrene	19.247	202	197820	4.349	ng/ul	97
21) Benzo(a)anthracene	21.000	228	127585m	3.400	ng/ul	
22) Chrysene	21.053	228	154582	3.228	ng/ul	99
24) Benzo(b)fluoranthene	22.496	252	226401m	5.700	ng/ul	
25) Benzo(k)fluoranthene	22.534	252	77397m	1.639	ng/ul	
26) Benzo(a)pyrene	23.022	252	69403	1.886	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.162	276	78173	1.298	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.165	278	25633	0.572	ng/ul	97
29) Benzo(g,h,i)perylene	25.789	276	11409	0.221	ng/ul	91

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

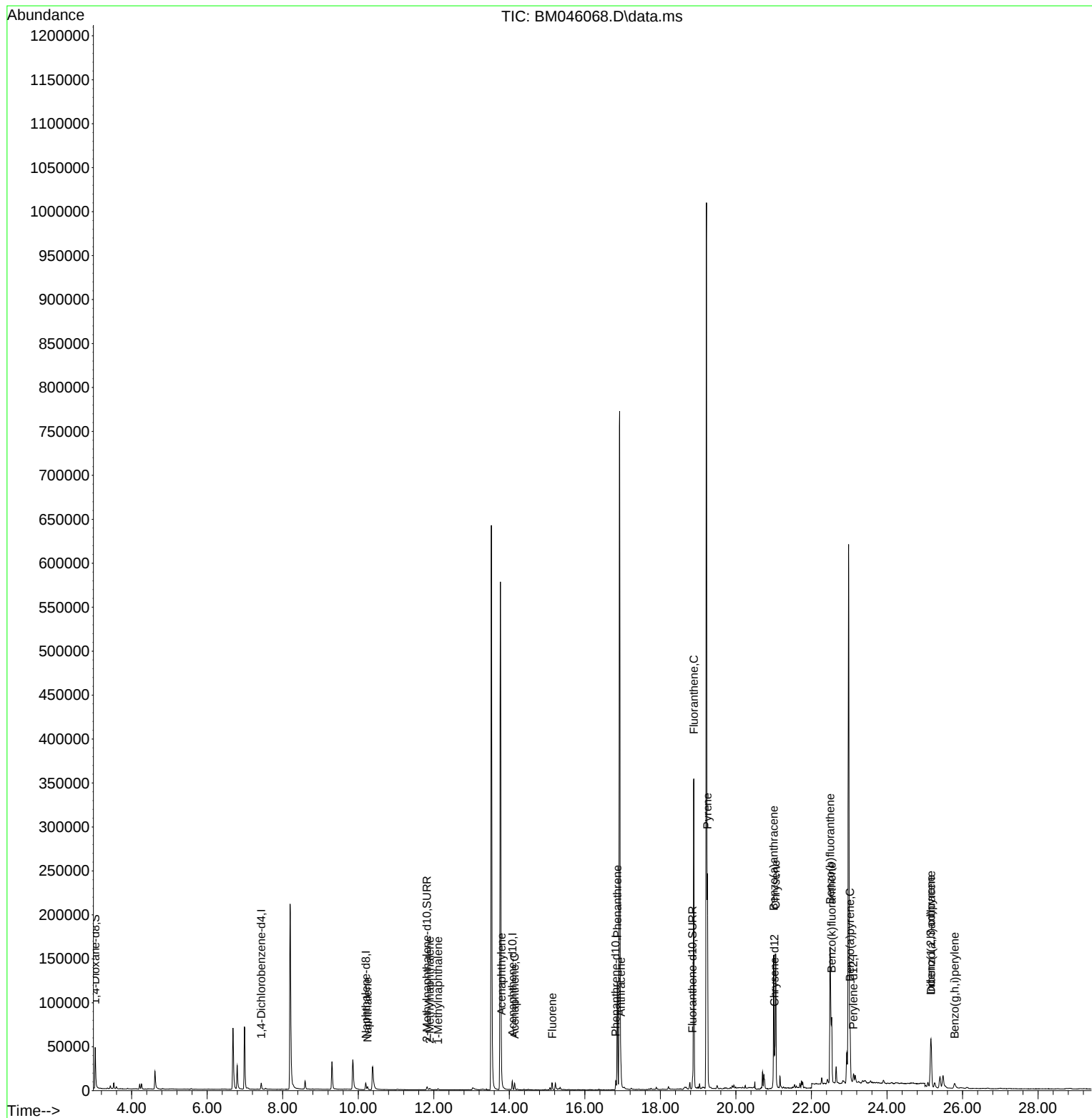
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
Operator : MA/JU
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ALS Vial : 22 Sample Multiplier: 1

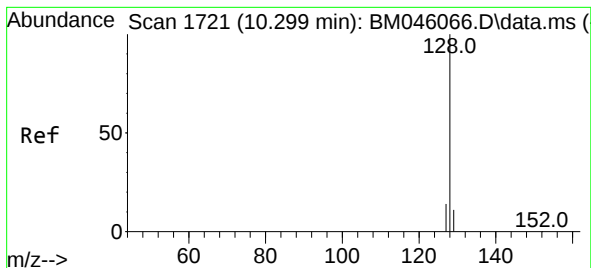
Instrument :
BNA_M
ClientSampleId :
A4BN3

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Supervised By :mohammad ahmed 06/21/2024

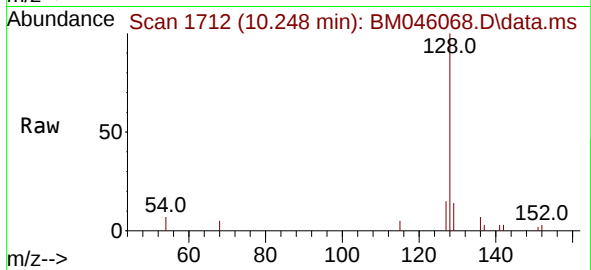
Quant Time: Jun 19 08:25:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.159 ng/ul
RT: 10.248 min Scan# 1712
Delta R.T. -0.055 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

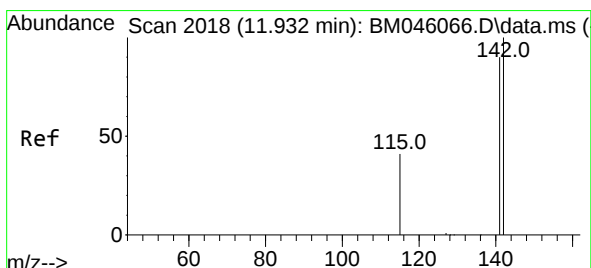
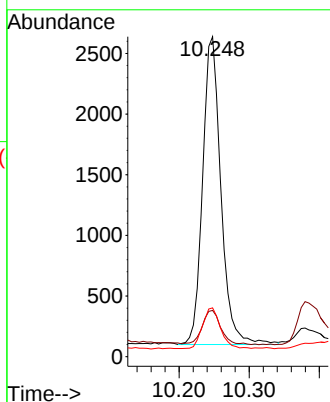
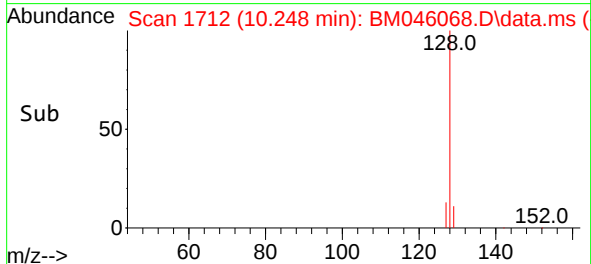
Instrument :
BNA_M
ClientSampleId :
A4BN3



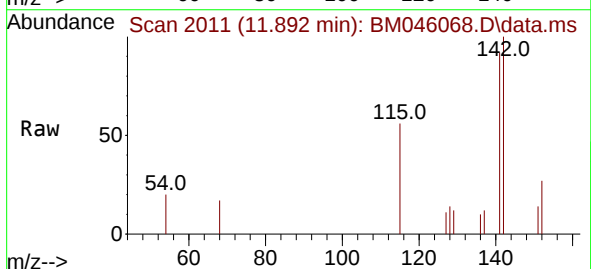
Tgt Ion:128 Resp: 461
Ion Ratio Lower Upper
128 100
129 14.4 11.8 17.6
127 15.3 12.8 19.2

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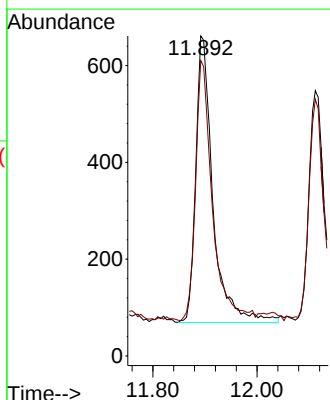
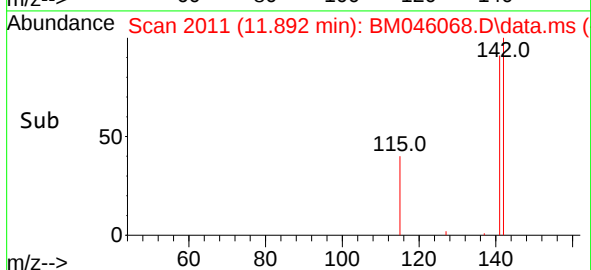
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

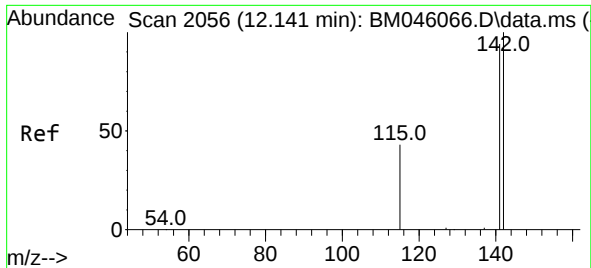


#7
2-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 11.892 min Scan# 2011
Delta R.T. -0.055 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06



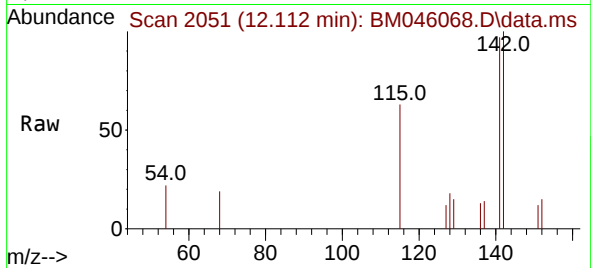
Tgt Ion:142 Resp: 1359
Ion Ratio Lower Upper
142 100
141 88.4 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.112 min Scan# 2051
Delta R.T. -0.039 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

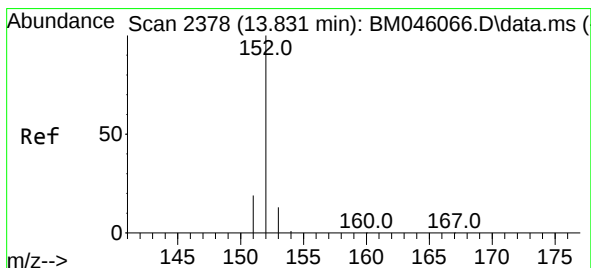
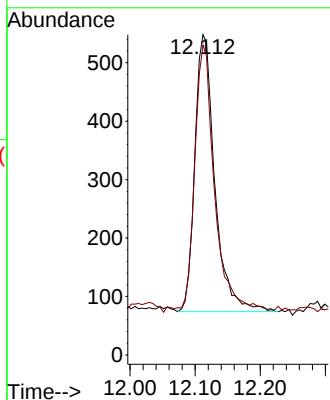
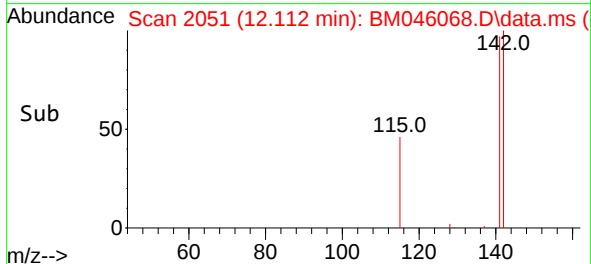
Instrument :
BNA_M
ClientSampleId :
A4BN3



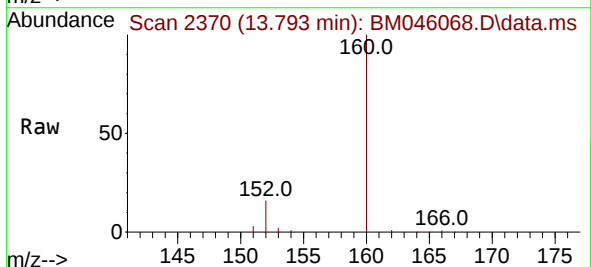
Tgt Ion:142 Resp: 101
Ion Ratio Lower Upper
142 100
141 94.2 75.2 112.8

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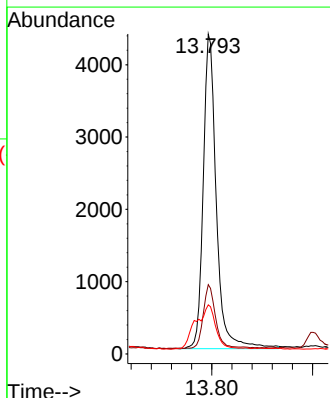
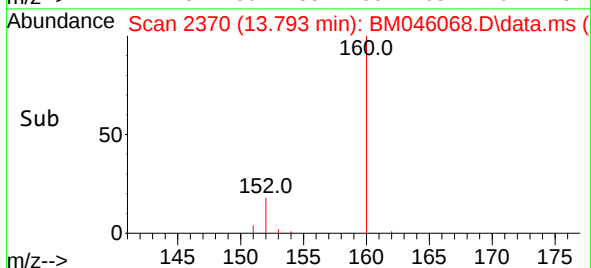
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

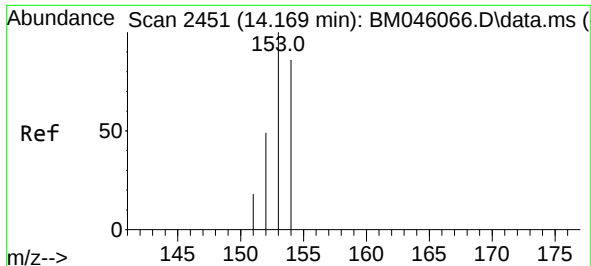


#10
Acenaphthylene
Concen: 0.297 ng/ul
RT: 13.793 min Scan# 2370
Delta R.T. -0.042 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06



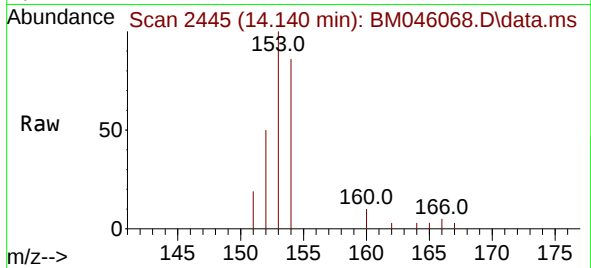
Tgt Ion:152 Resp: 7856
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2
153 15.3 11.8 17.8





#11
Acenaphthene
Concen: 0.232 ng/ul
RT: 14.140 min Scan# 2445
Delta R.T. -0.032 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

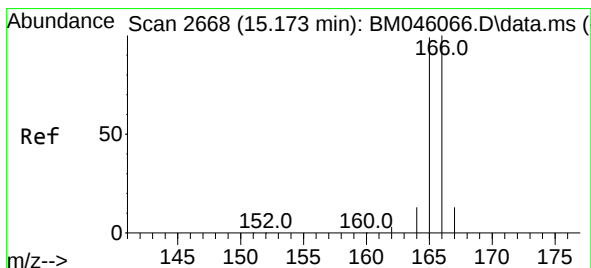
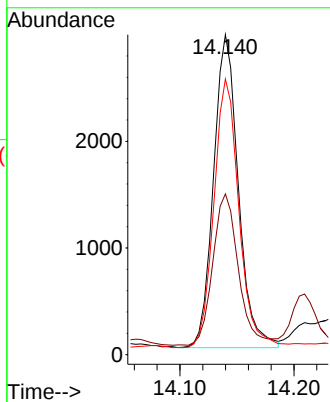
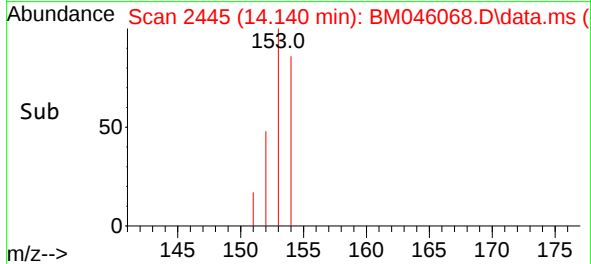
Instrument :
BNA_M
ClientSampleId :
A4BN3



Tgt Ion:153 Resp: 4429
Ion Ratio Lower Upper
153 100
152 50.3 41.3 61.9
154 86.1 68.2 102.4

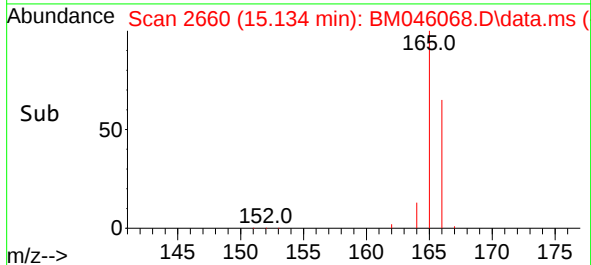
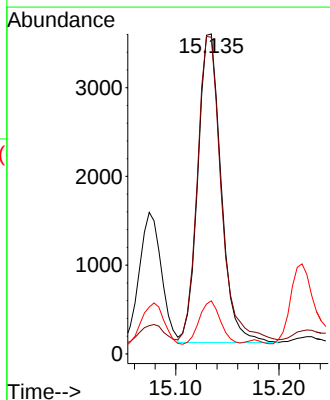
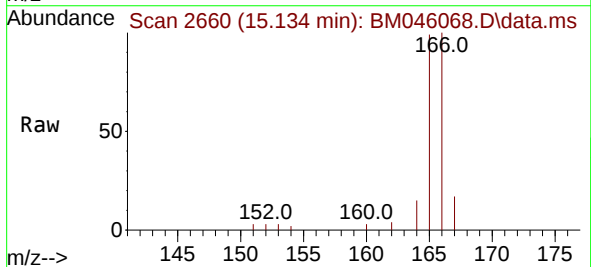
Manual Integrations
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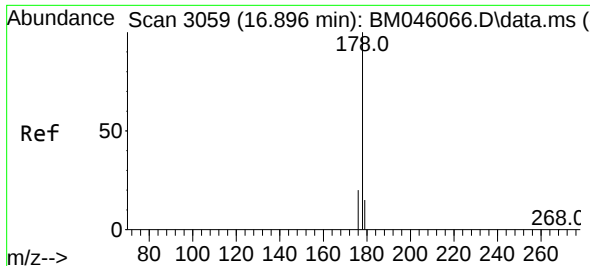
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.265 ng/ul
RT: 15.134 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

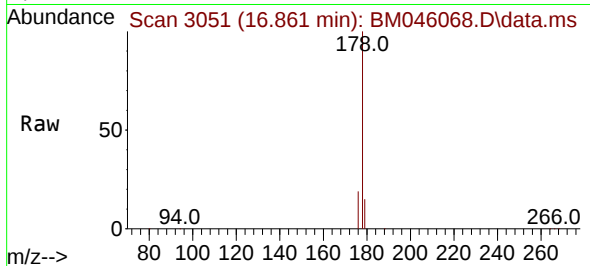
Tgt Ion:166 Resp: 5432
Ion Ratio Lower Upper
166 100
165 99.0 80.4 120.6
167 16.6 12.4 18.6





#15
Phenanthrene
Concen: 3.767 ng/ul m
RT: 16.861 min Scan# 3051
Delta R.T. -0.042 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

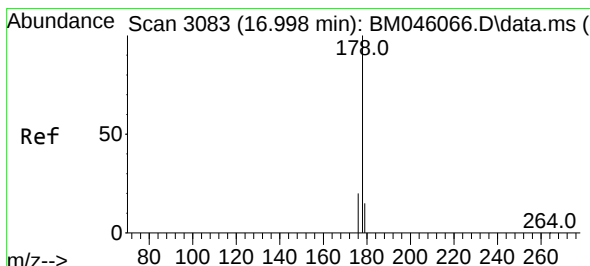
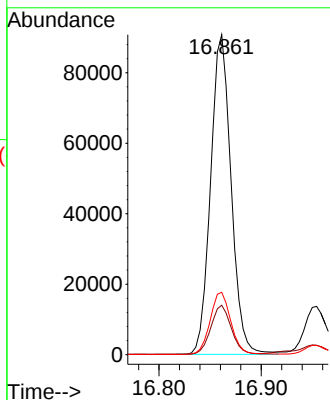
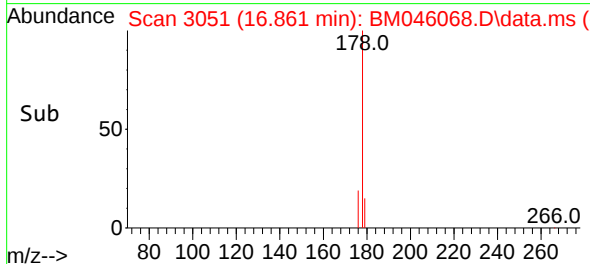
Instrument :
BNA_M
ClientSampleId :
A4BN3



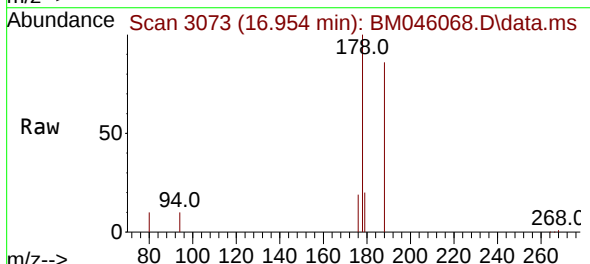
Tgt Ion:178 Resp: 12651
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.5 17.1 25.7

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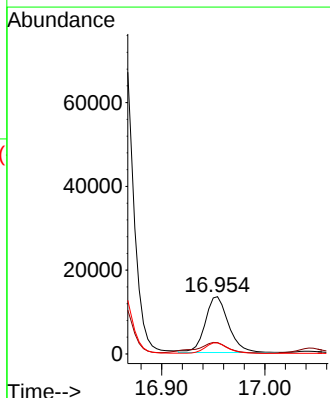
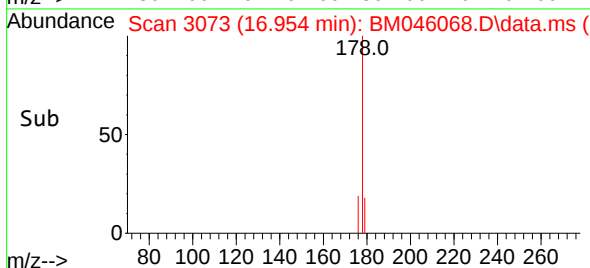
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

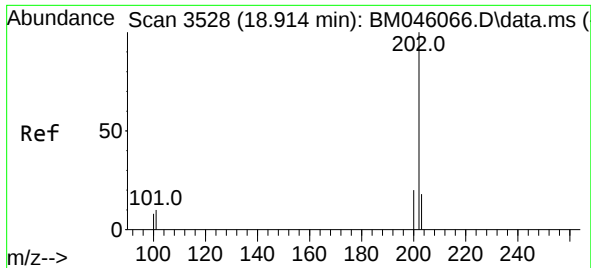


#16
Anthracene
Concen: 0.838 ng/ul m
RT: 16.954 min Scan# 3073
Delta R.T. -0.051 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06



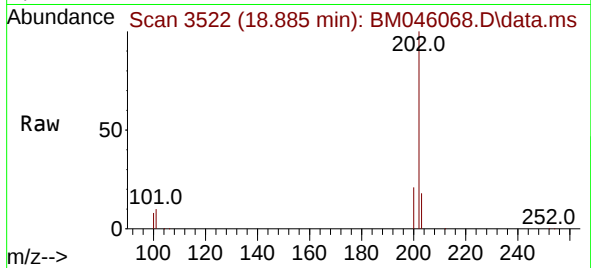
Tgt Ion:178 Resp: 20968
Ion Ratio Lower Upper
178 100
179 19.7 14.9 22.3
176 19.4 17.0 25.4





#19
Fluoranthene
Concen: 7.212 ng/u1
RT: 18.885 min Scan# 30334
Delta R.T. -0.033 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

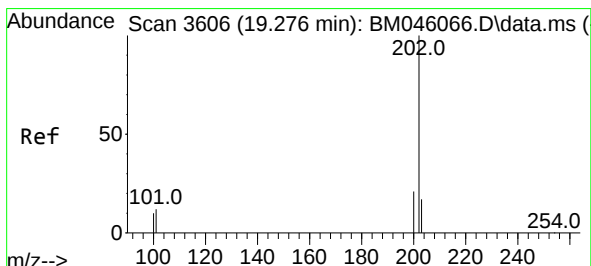
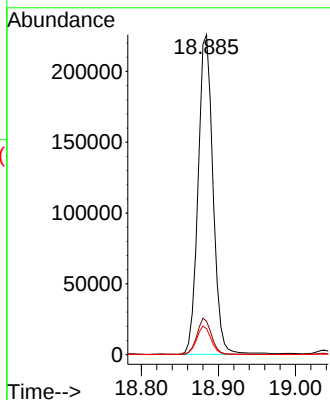
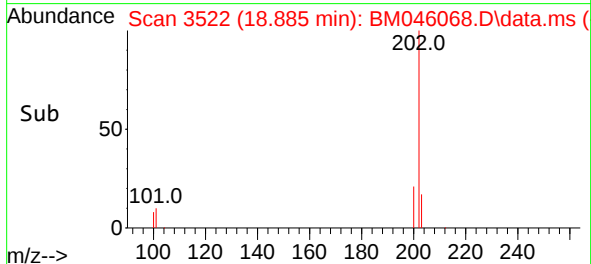
Instrument :
BNA_M
ClientSampleId :
A4BN3



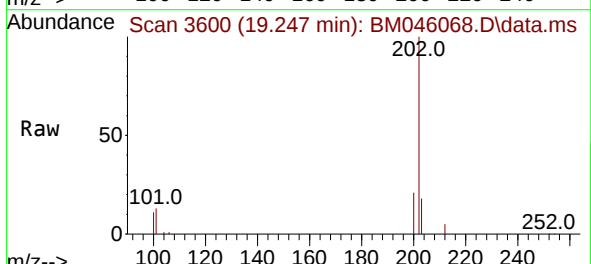
Tgt Ion:202 Resp: 30334
Ion Ratio Lower Upper
202 100
101 10.4 9.6 14.4
100 8.1 7.6 11.4

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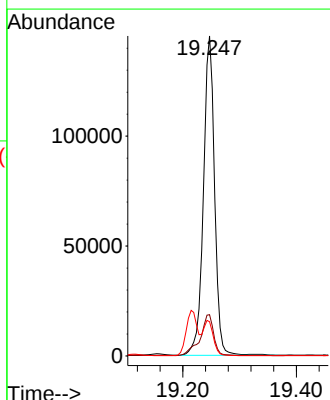
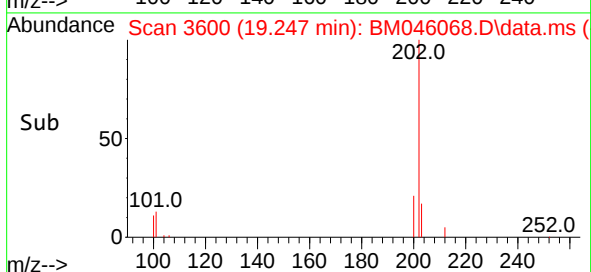
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

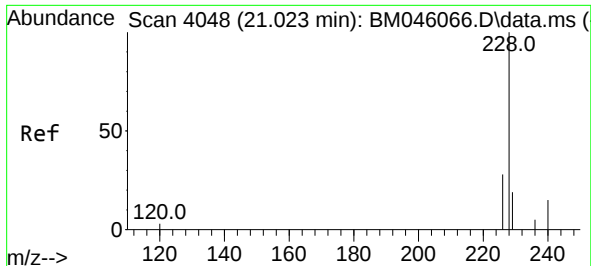


#20
Pyrene
Concen: 4.349 ng/u1
RT: 19.247 min Scan# 3600
Delta R.T. -0.028 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06



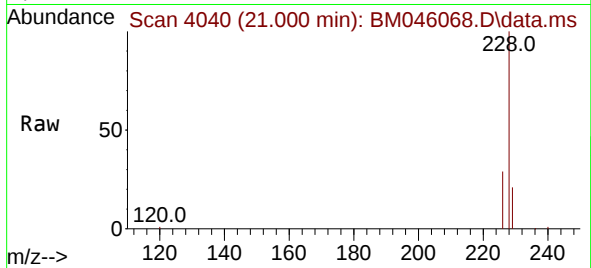
Tgt Ion:202 Resp: 197820
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 10.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.400 ng/ul m
RT: 21.000 min Scan# 4048
Delta R.T. -0.029 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

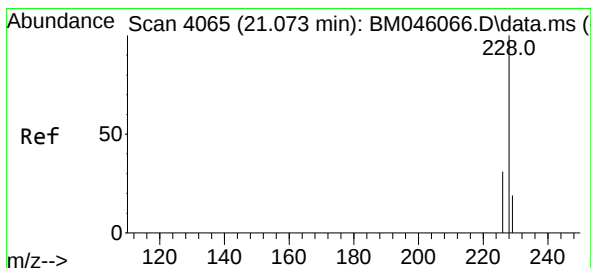
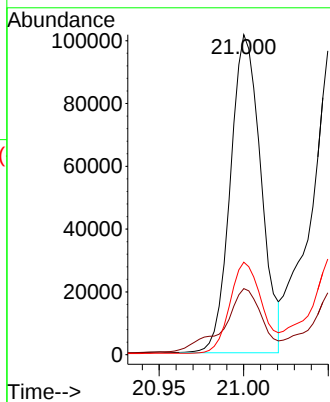
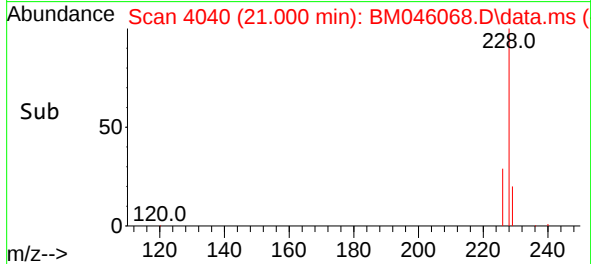
Instrument :
BNA_M
ClientSampleId :
A4BN3



Tgt Ion:228 Resp: 127585
Ion Ratio Lower Upper
228 100
229 20.6 16.4 24.6
226 28.9 23.4 35.2

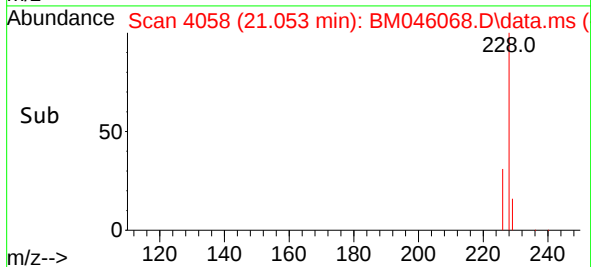
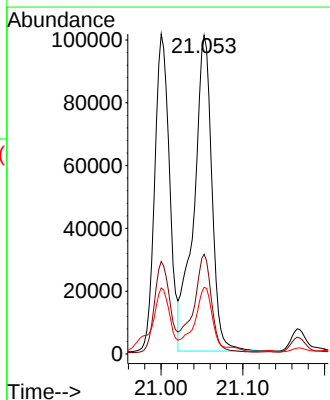
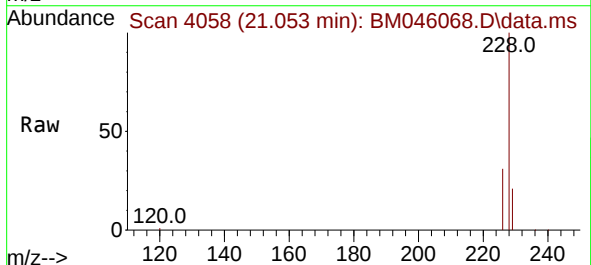
Manual Integrations
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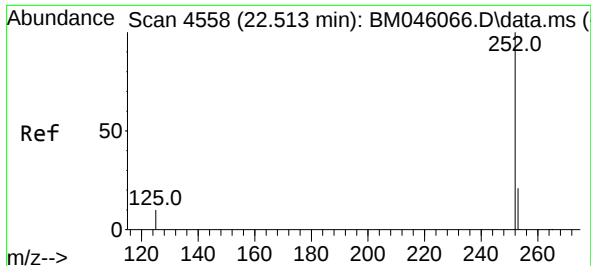
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 3.228 ng/ul
RT: 21.053 min Scan# 4058
Delta R.T. -0.023 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

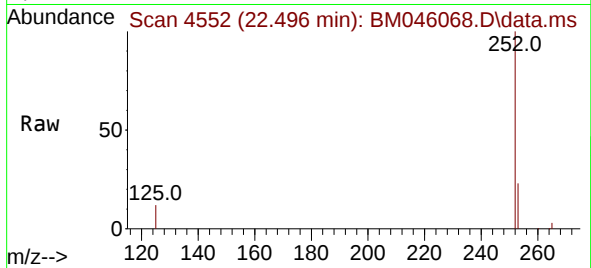
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Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 20.9 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 5.700 ng/ul m
RT: 22.496 min Scan# 4552
Delta R.T. -0.023 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

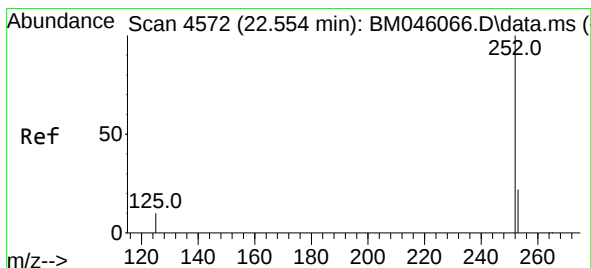
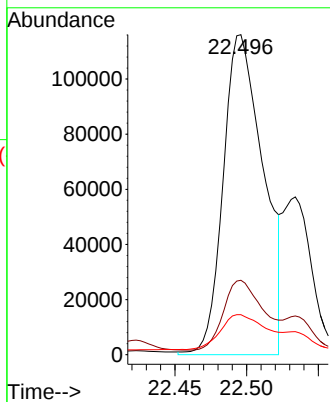
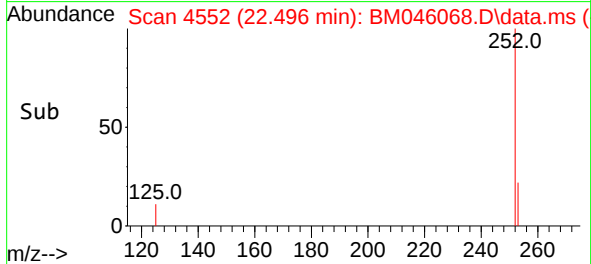
Instrument :
BNA_M
ClientSampleId :
A4BN3



Tgt Ion:252 Resp: 22640
Ion Ratio Lower Upper
252 100
253 23.3 0.0 65.8
125 12.5 0.0 40.2

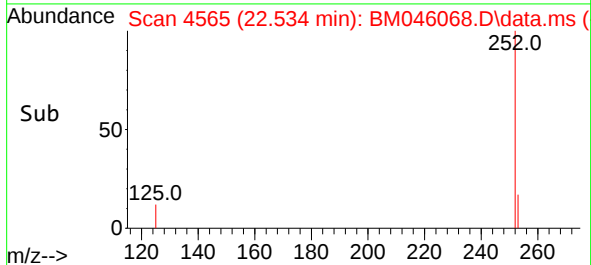
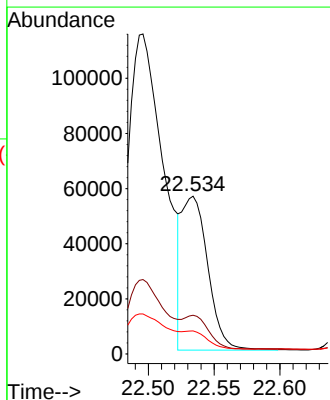
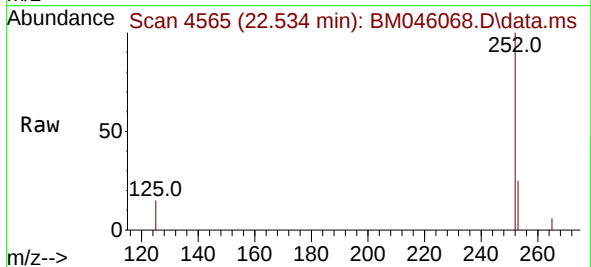
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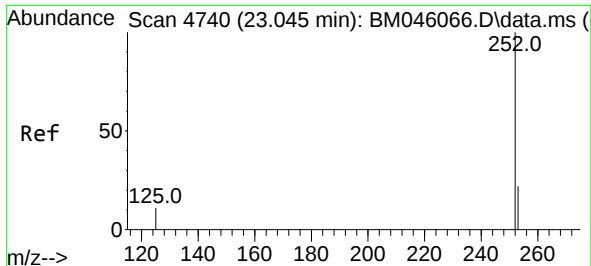
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 1.639 ng/ul m
RT: 22.534 min Scan# 4565
Delta R.T. -0.029 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

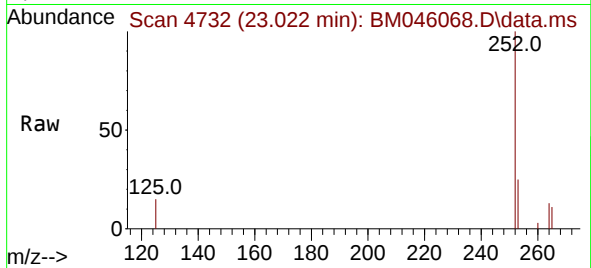
Tgt Ion:252 Resp: 77397
Ion Ratio Lower Upper
252 100
253 24.5 27.2 40.8#
125 14.6 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 1.886 ng/ul
RT: 23.022 min Scan# 4732
Delta R.T. -0.032 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

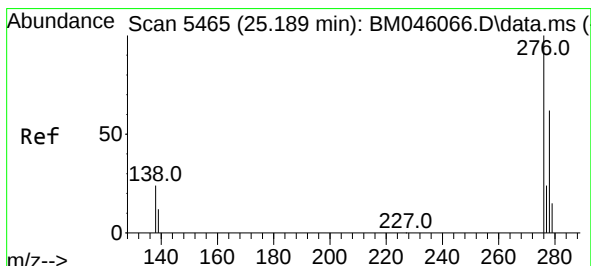
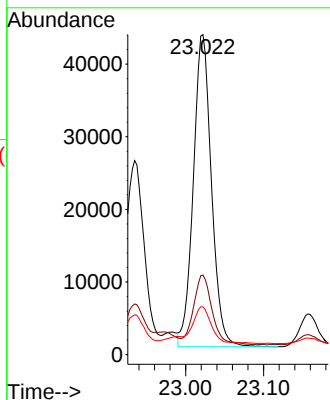
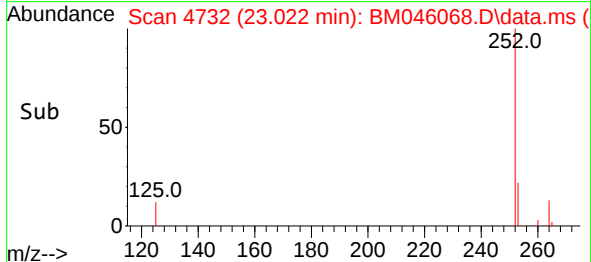
Instrument :
BNA_M
ClientSampleId :
A4BN3



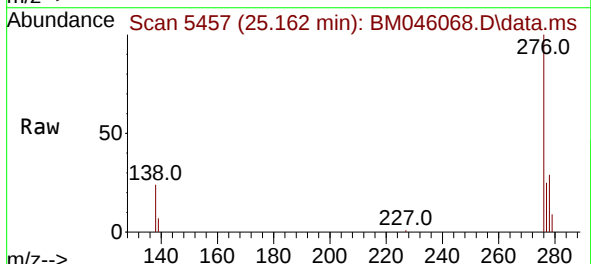
Tgt Ion:252 Resp: 6940
Ion Ratio Lower Upper
252 100
253 24.9 32.1 48.1
125 15.0 21.2 31.8

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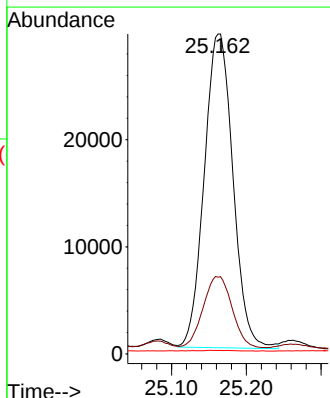
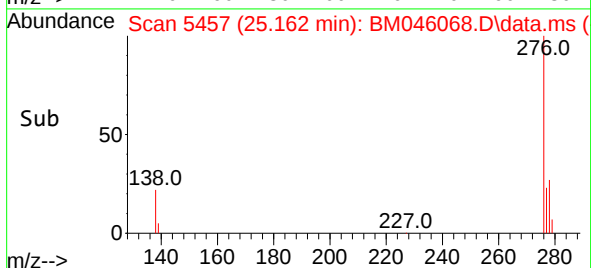
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

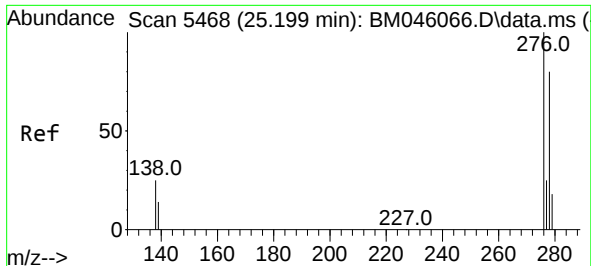


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.298 ng/ul
RT: 25.162 min Scan# 5457
Delta R.T. -0.040 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06



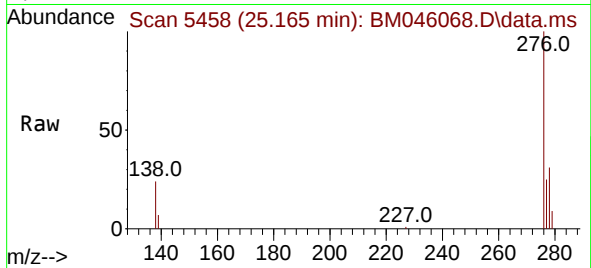
Tgt Ion:276 Resp: 78173
Ion Ratio Lower Upper
276 100
138 23.0 21.0 31.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.572 ng/ul
RT: 25.165 min Scan# 5468
Delta R.T. -0.050 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

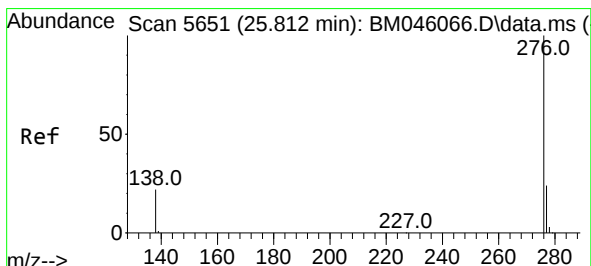
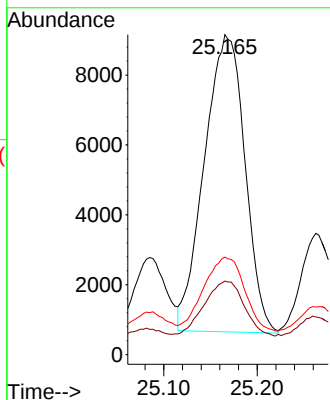
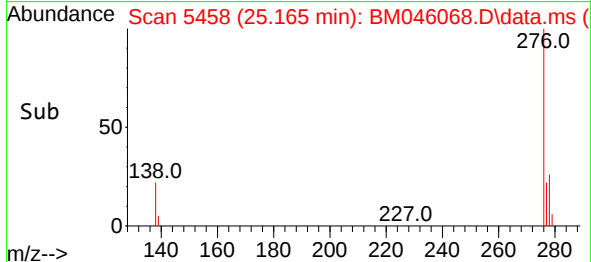
Instrument :
BNA_M
ClientSampleId :
A4BN3



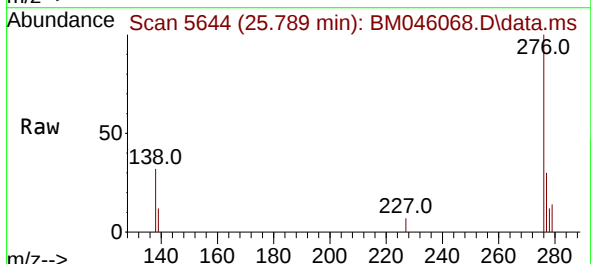
Tgt Ion:278 Resp: 2563
Ion Ratio Lower Upper
278 100
139 23.0 17.6 26.4
279 30.5 26.3 39.5

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APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.221 ng/ul
RT: 25.789 min Scan# 5644
Delta R.T. -0.040 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06



Tgt Ion:276 Resp: 11409
Ion Ratio Lower Upper
276 100
138 31.7 21.7 32.5
277 30.0 20.4 30.6

