

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046058.D
 Acq On : 18 Jun 2024 19:25
 Operator : MA/JU
 Sample : P2695-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ8

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 08:23:39 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

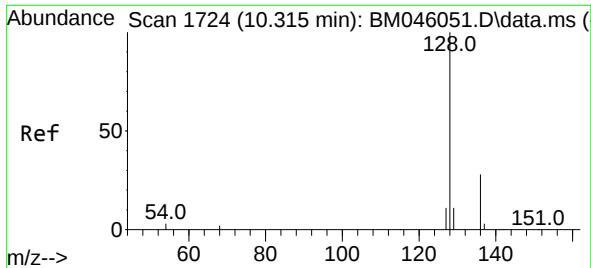
QLast Update : Tue Jun 18 13:58:29 2024

Response via : Initial Calibration

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

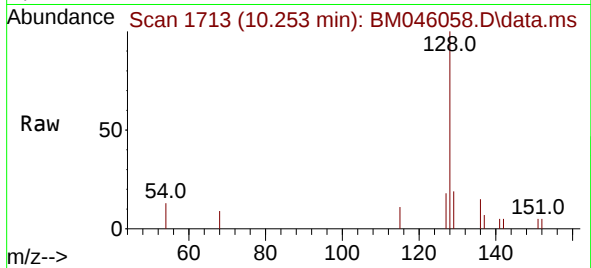
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	3558	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.204	136	10100	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.084	164	5320	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.828	188	11111m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.024	240	9596m	0.400	ng/ul	-0.02
23) Perylene-d12	23.122	264	11338m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	19574	4.010	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.832	152	3815	0.281	ng/ul	-0.03
18) Fluoranthene-d10	18.857	212	9003	0.313	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.253	128	2274	0.081	ng/ul#	93
7) 2-Methylnaphthalene	11.903	142	720	0.045	ng/ul	95
8) 1-Methylnaphthalene	12.118	142	579	0.033	ng/ul	99
10) Acenaphthylene	13.802	152	4845	0.192	ng/ul	99
11) Acenaphthene	14.145	153	2883	0.158	ng/ul	99
12) Fluorene	15.135	166	3457	0.177	ng/ul	100
15) Phenanthrene	16.866	178	69824m	2.237	ng/ul	
16) Anthracene	16.958	178	13831m	0.595	ng/ul	
19) Fluoranthene	18.889	202	189307	4.556	ng/ul	96
20) Pyrene	19.252	202	127472	2.837	ng/ul	95
21) Benzo(a)anthracene	21.006	228	94397	2.547	ng/ul	99
22) Chrysene	21.059	228	97019	2.051	ng/ul	98
24) Benzo(b)fluoranthene	22.502	252	142297m	3.484	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	50271m	1.035	ng/ul	
26) Benzo(a)pyrene	23.025	252	51907	1.371	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.172	276	54627	0.882	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.176	278	17495	0.379	ng/ul	97
29) Benzo(g,h,i)perylene	25.799	276	8261	0.156	ng/ul#	85

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



#5
Naphthalene
Concen: 0.081 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.049 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

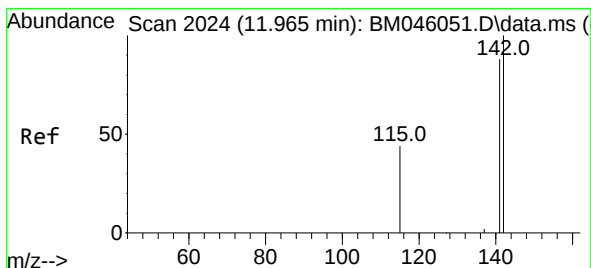
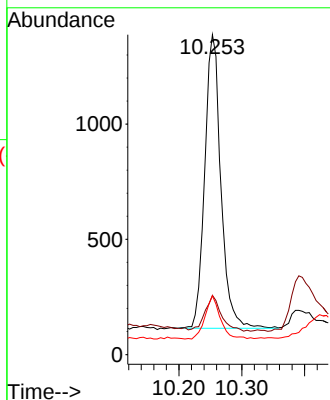
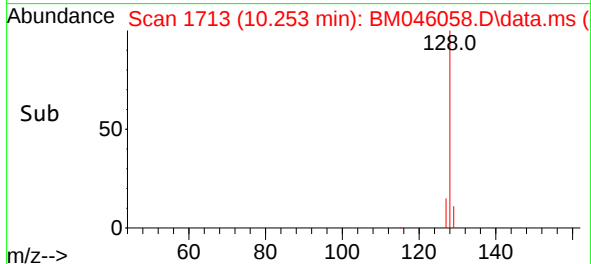
Instrument :
BNA_M
ClientSampleId :
A4BJ8



Tgt Ion:128 Resp: 2274
Ion Ratio Lower Upper
128 100
129 18.5 11.8 17.6
127 18.4 12.8 19.2

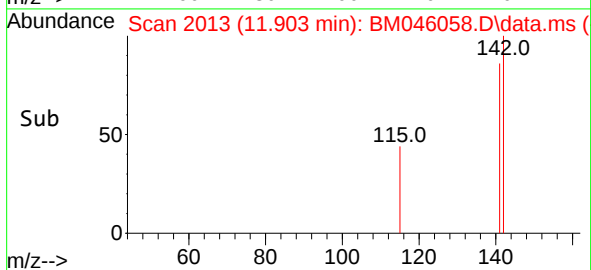
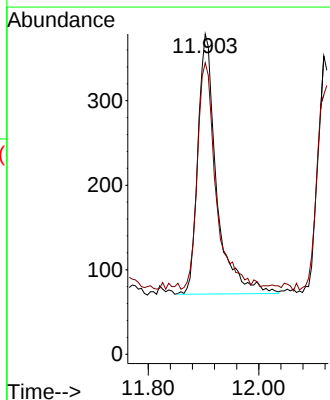
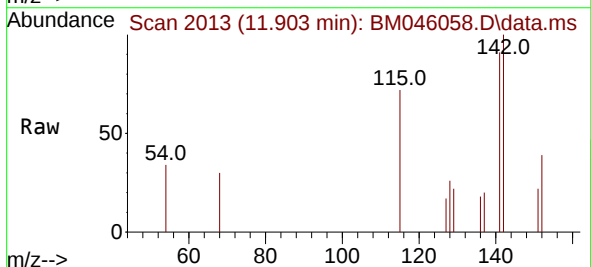
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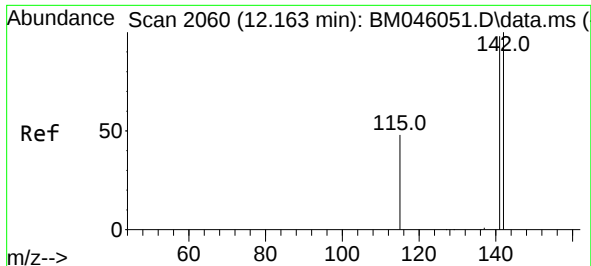
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.044 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

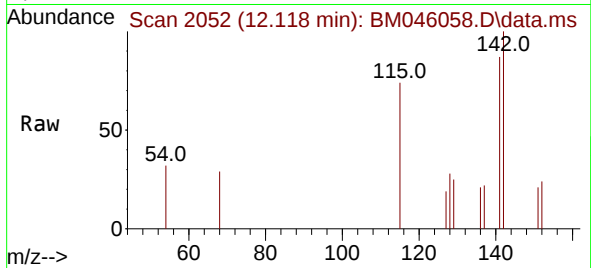
Tgt Ion:142 Resp: 720
Ion Ratio Lower Upper
142 100
141 88.8 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.118 min Scan# 2060
Delta R.T. -0.033 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

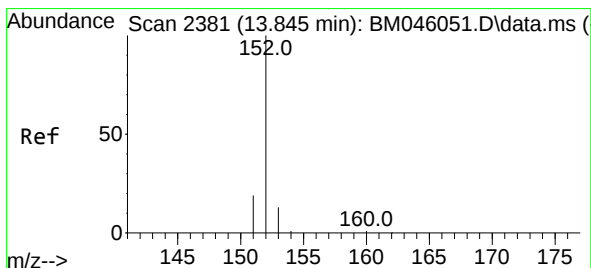
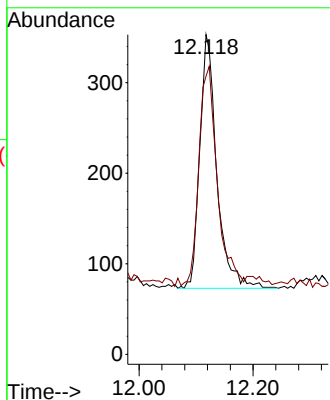
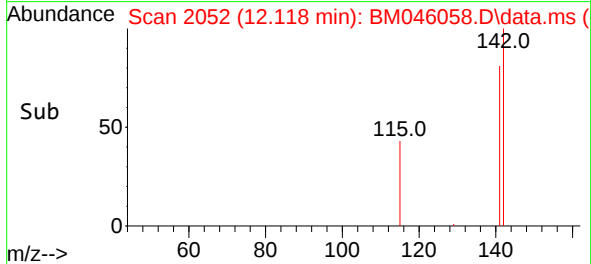
Instrument :
BNA_M
ClientSampleId :
A4BJ8



Tgt Ion:142 Resp: 579
Ion Ratio Lower Upper
142 100
141 92.7 75.2 112.8

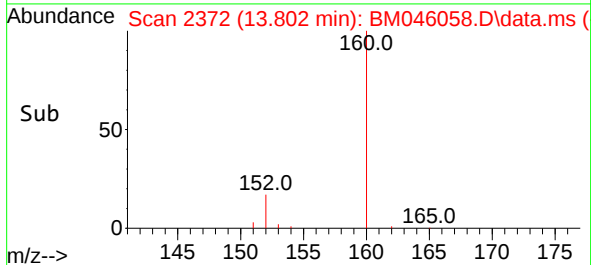
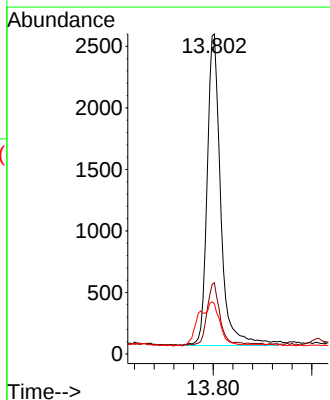
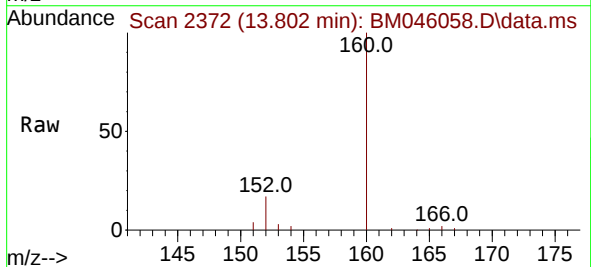
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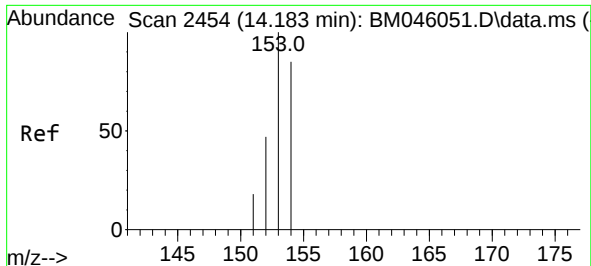
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.192 ng/ul
RT: 13.802 min Scan# 2372
Delta R.T. -0.032 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

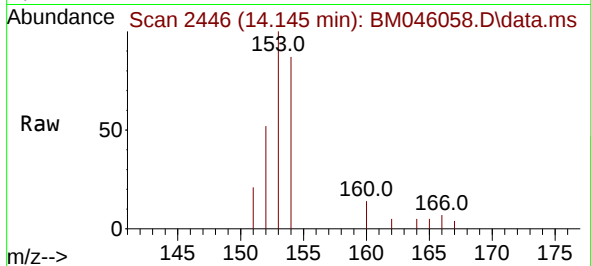
Tgt Ion:152 Resp: 4845
Ion Ratio Lower Upper
152 100
151 22.3 17.4 26.2
153 15.7 11.8 17.8





#11
Acenaphthene
Concen: 0.158 ng/ul
RT: 14.145 min Scan# 2446
Delta R.T. -0.028 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

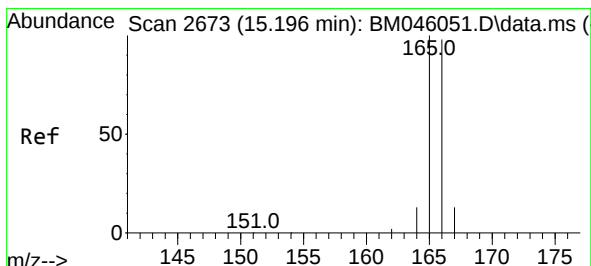
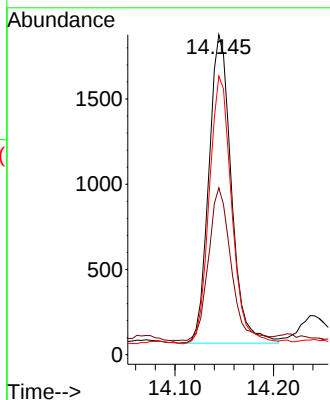
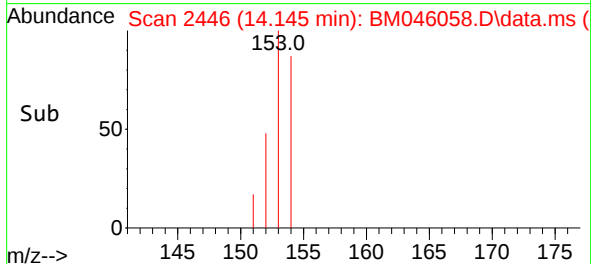
Instrument :
BNA_M
ClientSampleId :
A4BJ8



Tgt Ion:153 Resp: 288
Ion Ratio Lower Upper
153 100
152 52.2 41.3 61.9
154 87.1 68.2 102.4

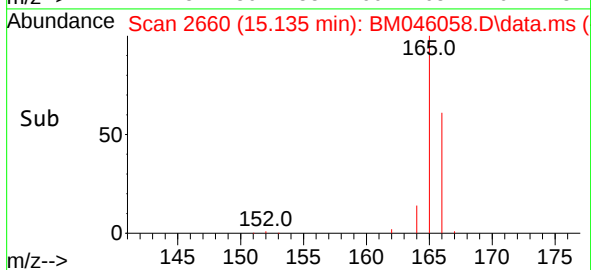
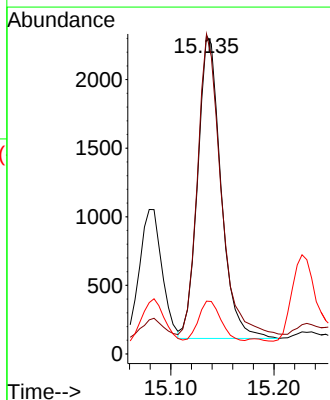
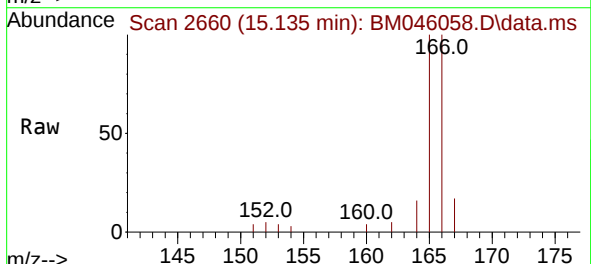
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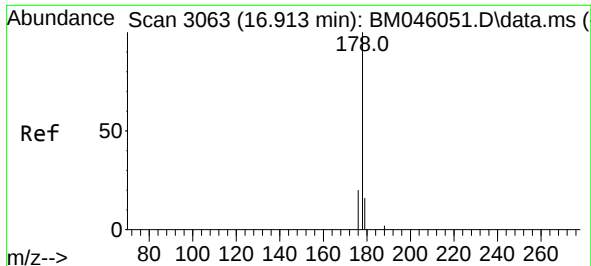
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.177 ng/ul
RT: 15.135 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

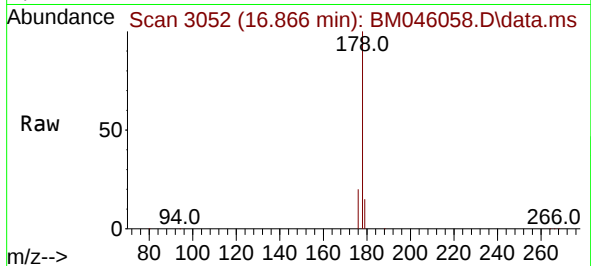
Tgt Ion:166 Resp: 3457
Ion Ratio Lower Upper
166 100
165 100.4 80.4 120.6
167 16.6 12.4 18.6





#15
Phenanthrene
Concen: 2.237 ng/ul m
RT: 16.866 min Scan# 3063
Delta R.T. -0.038 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

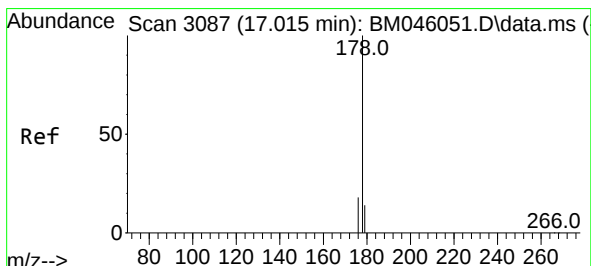
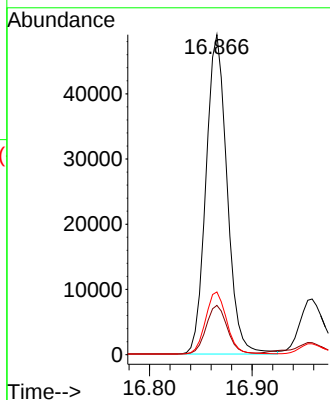
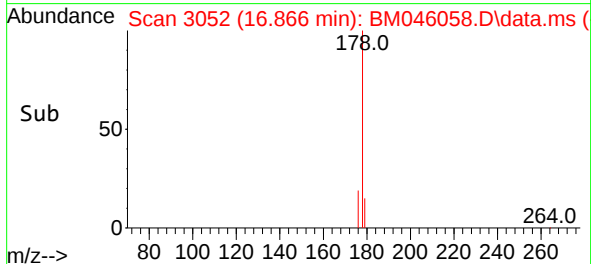
Instrument :
BNA_M
ClientSampleId :
A4BJ8



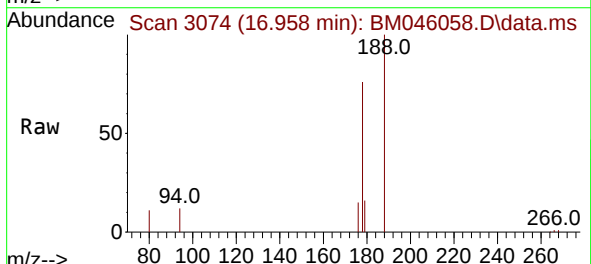
Tgt Ion:178 Resp: 69824
Ion Ratio Lower Upper
178 100
179 15.4 14.2 21.2
176 19.6 17.1 25.7

Manual Integrations
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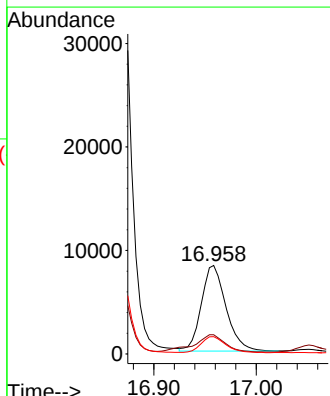
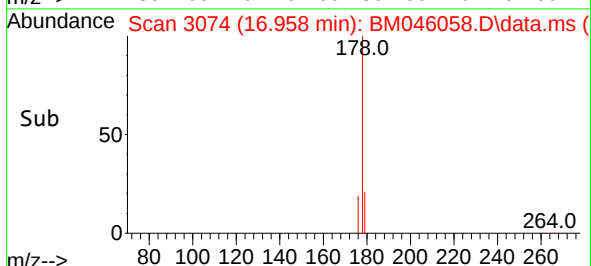
Reviewed By :Jagrut Upadhyay 06/19/2024
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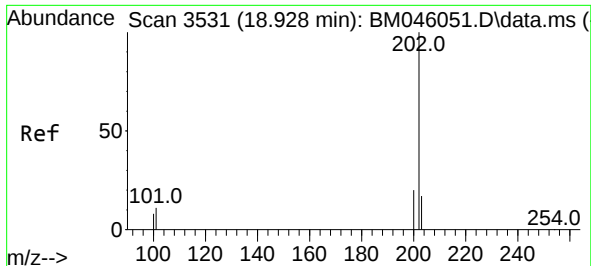


#16
Anthracene
Concen: 0.595 ng/ul m
RT: 16.958 min Scan# 3074
Delta R.T. -0.046 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25



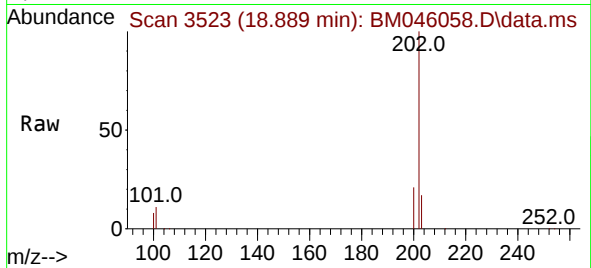
Tgt Ion:178 Resp: 13831
Ion Ratio Lower Upper
178 100
179 21.6 14.9 22.3
176 19.5 17.0 25.4





#19
Fluoranthene
Concen: 4.556 ng/u1
RT: 18.889 min Scan# 31
Delta R.T. -0.028 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

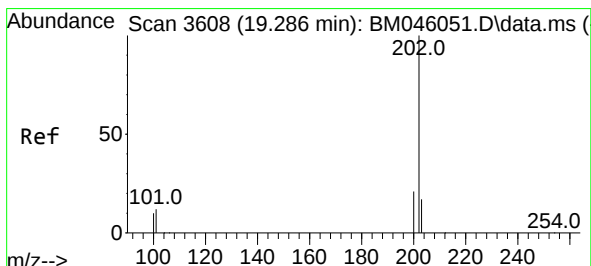
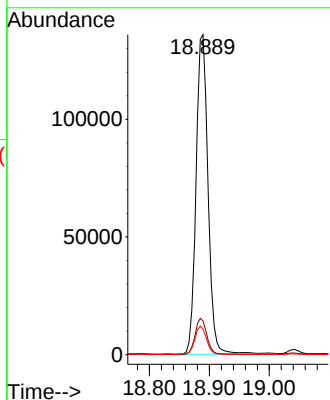
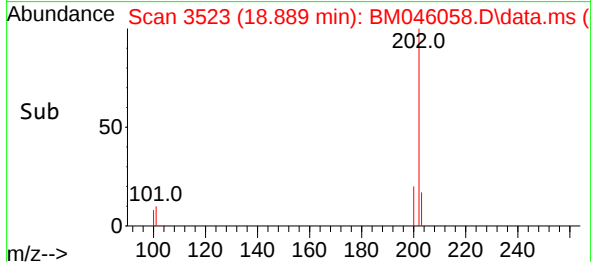
Instrument :
BNA_M
ClientSampleId :
A4BJ8



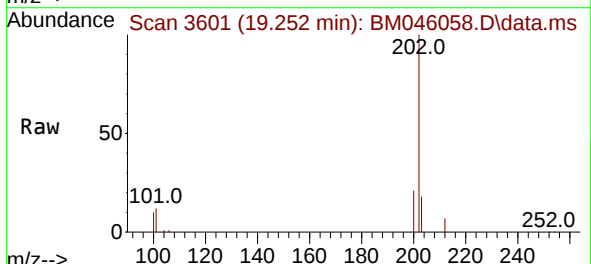
Tgt Ion:202 Resp: 18930
Ion Ratio Lower Upper
202 100
101 10.6 9.6 14.4
100 8.1 7.6 11.4

Manual Integrations
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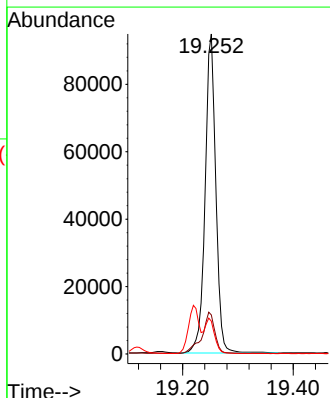
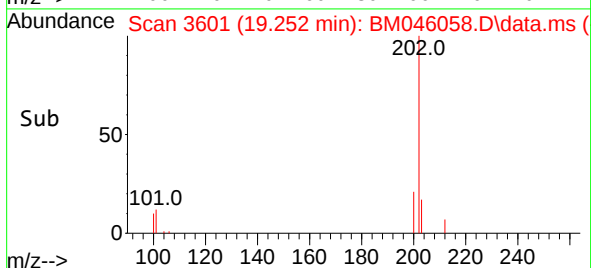
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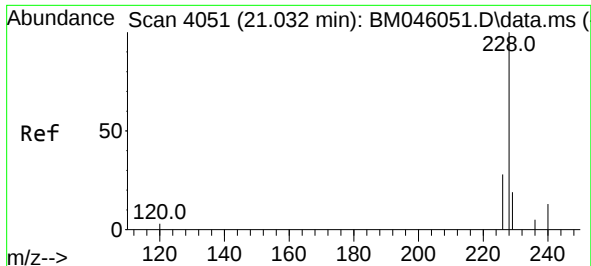


#20
Pyrene
Concen: 2.837 ng/u1
RT: 19.252 min Scan# 3601
Delta R.T. -0.023 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25



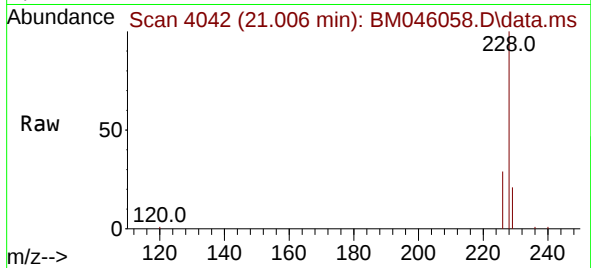
Tgt Ion:202 Resp: 127472
Ion Ratio Lower Upper
202 100
101 12.2 11.3 16.9
100 10.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.547 ng/ul
RT: 21.006 min Scan# 4051
Delta R.T. -0.023 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

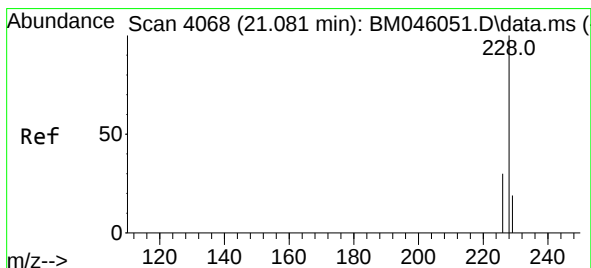
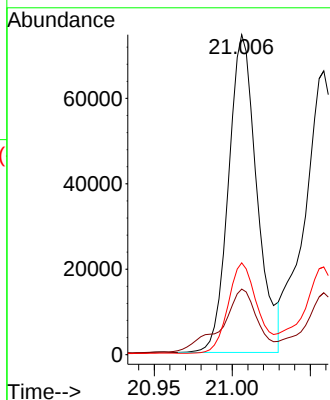
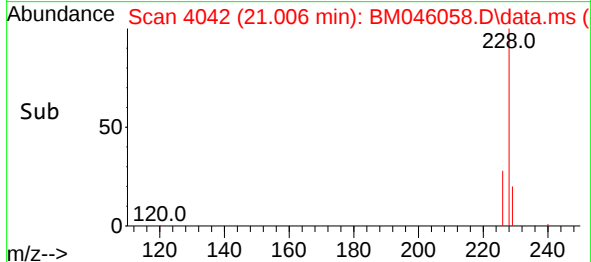
Instrument :
BNA_M
ClientSampleId :
A4BJ8



Tgt Ion:228 Resp: 94397
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 28.7 23.4 35.2

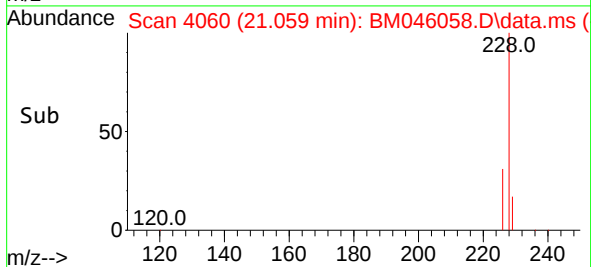
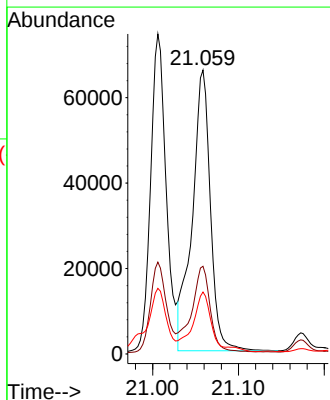
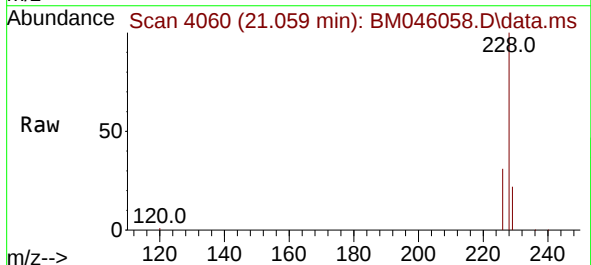
Manual Integrations
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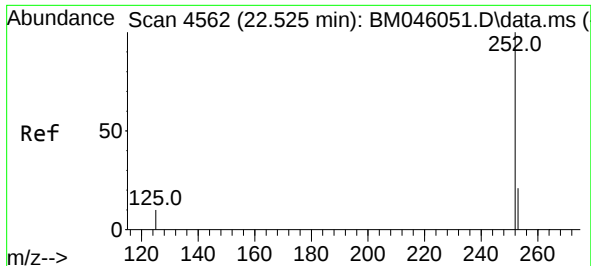
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 2.051 ng/ul
RT: 21.059 min Scan# 4060
Delta R.T. -0.017 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

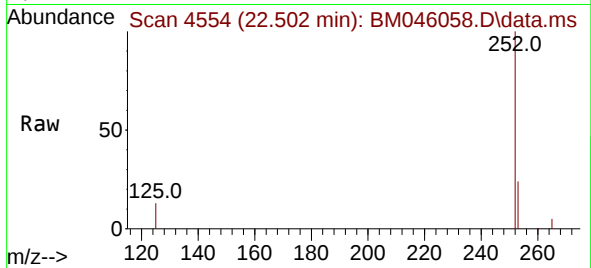
Tgt Ion:228 Resp: 97019
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 21.8 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 3.484 ng/ul m
RT: 22.502 min Scan# 4554
Delta R.T. -0.017 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

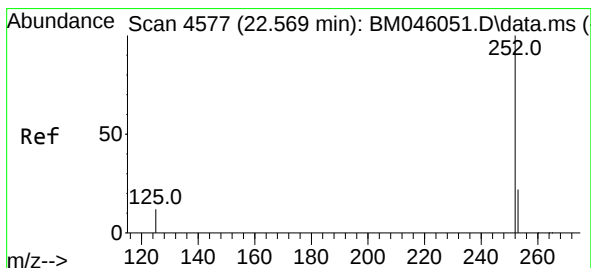
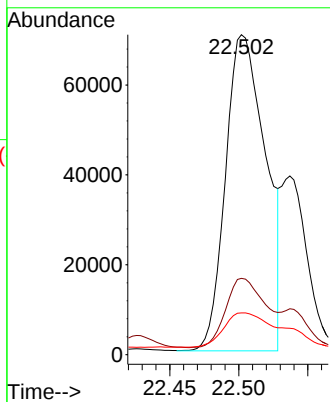
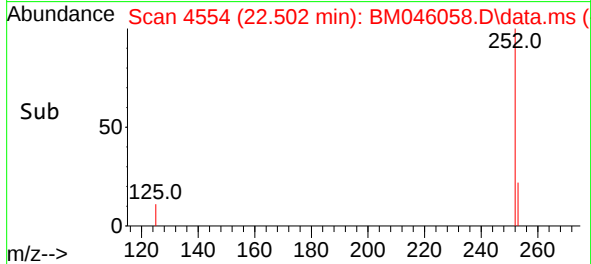
Instrument :
BNA_M
ClientSampleId :
A4BJ8



Tgt Ion:252 Resp: 142297
Ion Ratio Lower Upper
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253 23.9 0.0 65.8
125 13.1 0.0 40.2

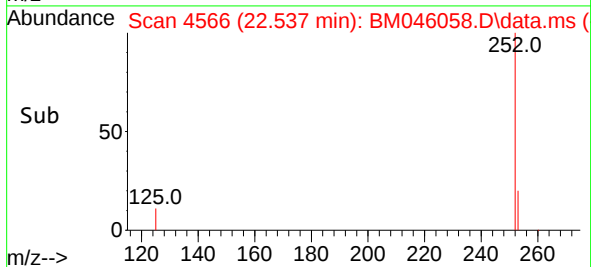
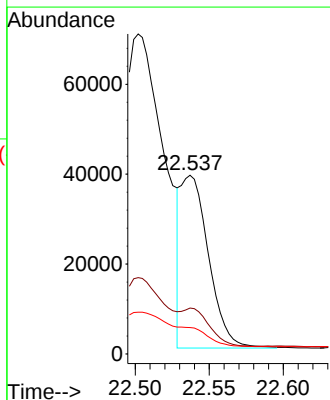
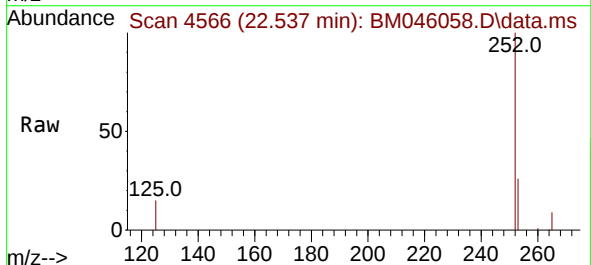
Manual Integrations
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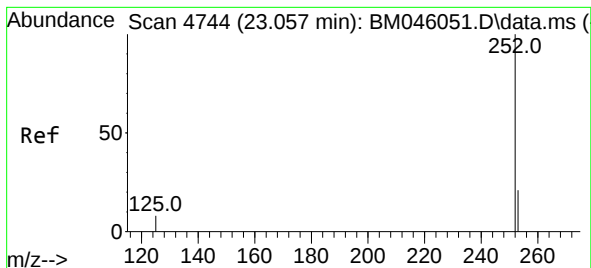
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 1.035 ng/ul m
RT: 22.537 min Scan# 4566
Delta R.T. -0.026 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

Tgt Ion:252 Resp: 50271
Ion Ratio Lower Upper
252 100
253 25.7 27.2 40.8#
125 14.8 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 1.371 ng/ul

RT: 23.025 min Scan# 41

Delta R.T. -0.029 min

Lab File: BM046058.D

Acq: 18 Jun 2024 19:25

Instrument :

BNM_M

ClientSampleId :

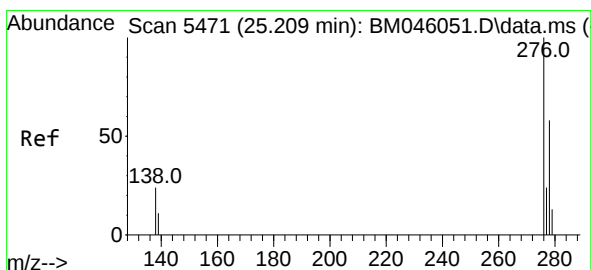
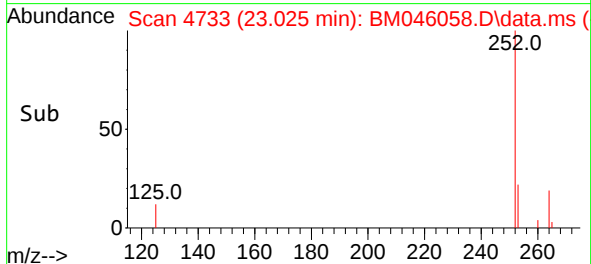
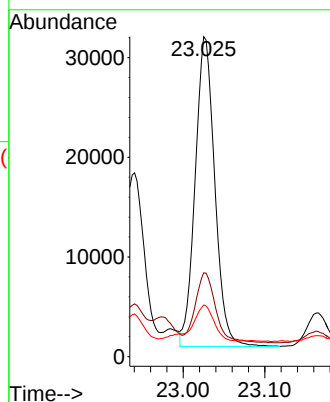
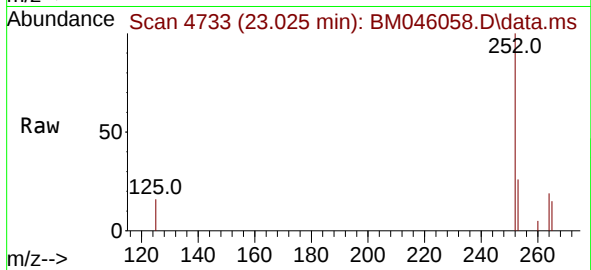
A4BJ8

Tgt Ion:	252	Resp:	5190
Ion Ratio	Lower	Upper	
252	100		
253	26.2	32.1	48.1
125	16.2	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: 0.882 ng/ul

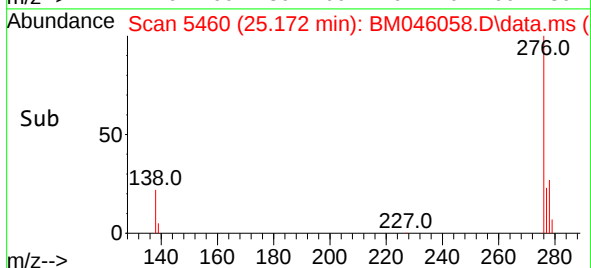
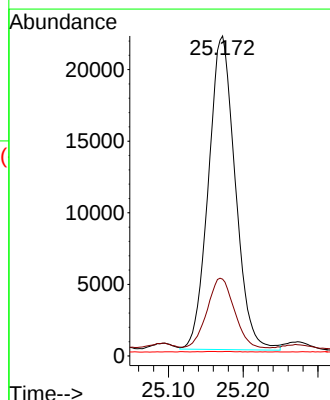
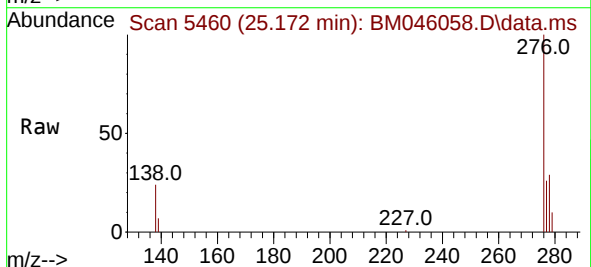
RT: 25.172 min Scan# 5460

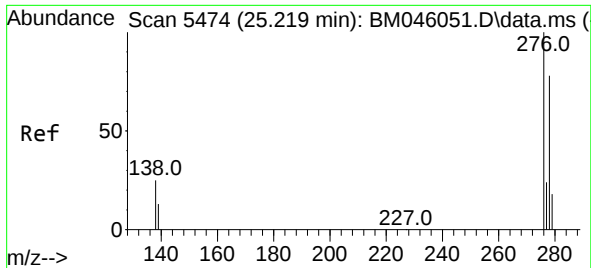
Delta R.T. -0.030 min

Lab File: BM046058.D

Acq: 18 Jun 2024 19:25

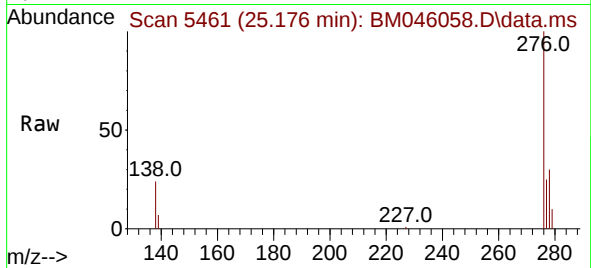
Tgt Ion:	276	Resp:	54627
Ion Ratio	Lower	Upper	
276	100		
138	22.6	21.0	31.4
227	0.1	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 25.176 min Scan# 5474
Delta R.T. -0.040 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

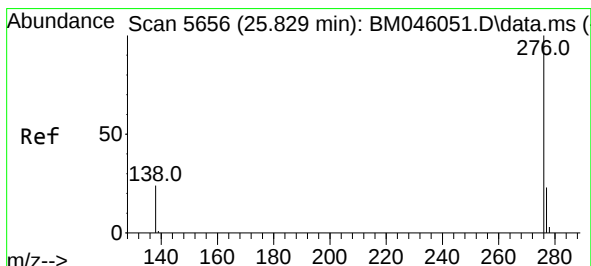
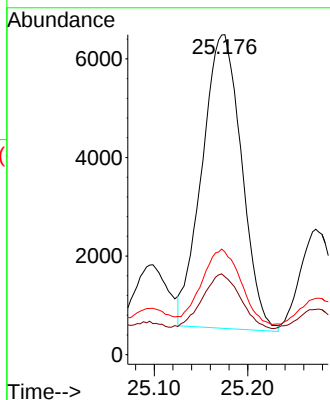
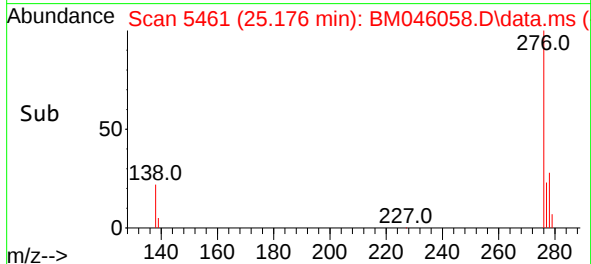
Instrument :
BNA_M
ClientSampleId :
A4BJ8



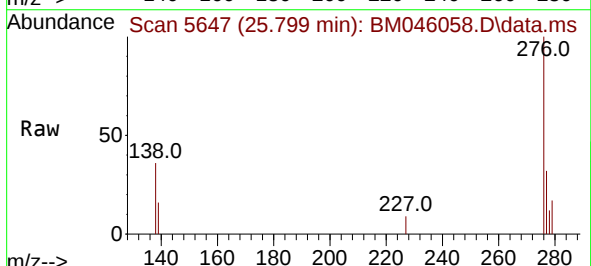
Tgt Ion:278 Resp: 1749
Ion Ratio Lower Upper
278 100
139 24.3 17.6 26.4
279 32.1 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.156 ng/ul
RT: 25.799 min Scan# 5647
Delta R.T. -0.030 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25



Tgt Ion:276 Resp: 8261
Ion Ratio Lower Upper
276 100
138 35.9 21.7 32.5#
277 32.0 20.4 30.6#

