

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046091.D
 Acq On : 19 Jun 2024 18:14
 Operator : MA/JU
 Sample : P2695-07DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ9DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 22:49:45 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	7.442	152	2351	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.249	136	6211	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.095	164	3511	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.837	188	6799	0.400	ng/ul	-0.02
17) Chrysene-d12	21.032	240	5662	0.400	ng/ul	-0.01
23) Perylene-d12	23.121	264	6628m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2425	0.752	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.888	152	416	0.050	ng/ul	0.02
18) Fluoranthene-d10	18.867	212	1006	0.059	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.817	152	563	0.034	ng/ul#	52
11) Acenaphthene	14.155	153	274	0.023	ng/ul#	89
12) Fluorene	15.150	166	311	0.024	ng/ul#	90
15) Phenanthrene	16.875	178	6784	0.355	ng/ul	99
16) Anthracene	16.972	178	1219	0.086	ng/ul#	78
19) Fluoranthene	18.895	202	14891	0.607	ng/ul	100
20) Pyrene	19.258	202	11385	0.429	ng/ul	99
21) Benzo(a)anthracene	21.017	228	6338	0.290	ng/ul	94
22) Chrysene	21.067	228	6714	0.241	ng/ul	97
24) Benzo(b)fluoranthene	22.507	252	10881m	0.456	ng/ul	
25) Benzo(k)fluoranthene	22.539	252	4425m	0.156	ng/ul	
26) Benzo(a)pyrene	23.031	252	3963	0.179	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.185	276	4652	0.128	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.195	278	1417	0.053	ng/ul#	38
29) Benzo(g,h,i)perylene	25.806	276	839	0.027	ng/ul#	30

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

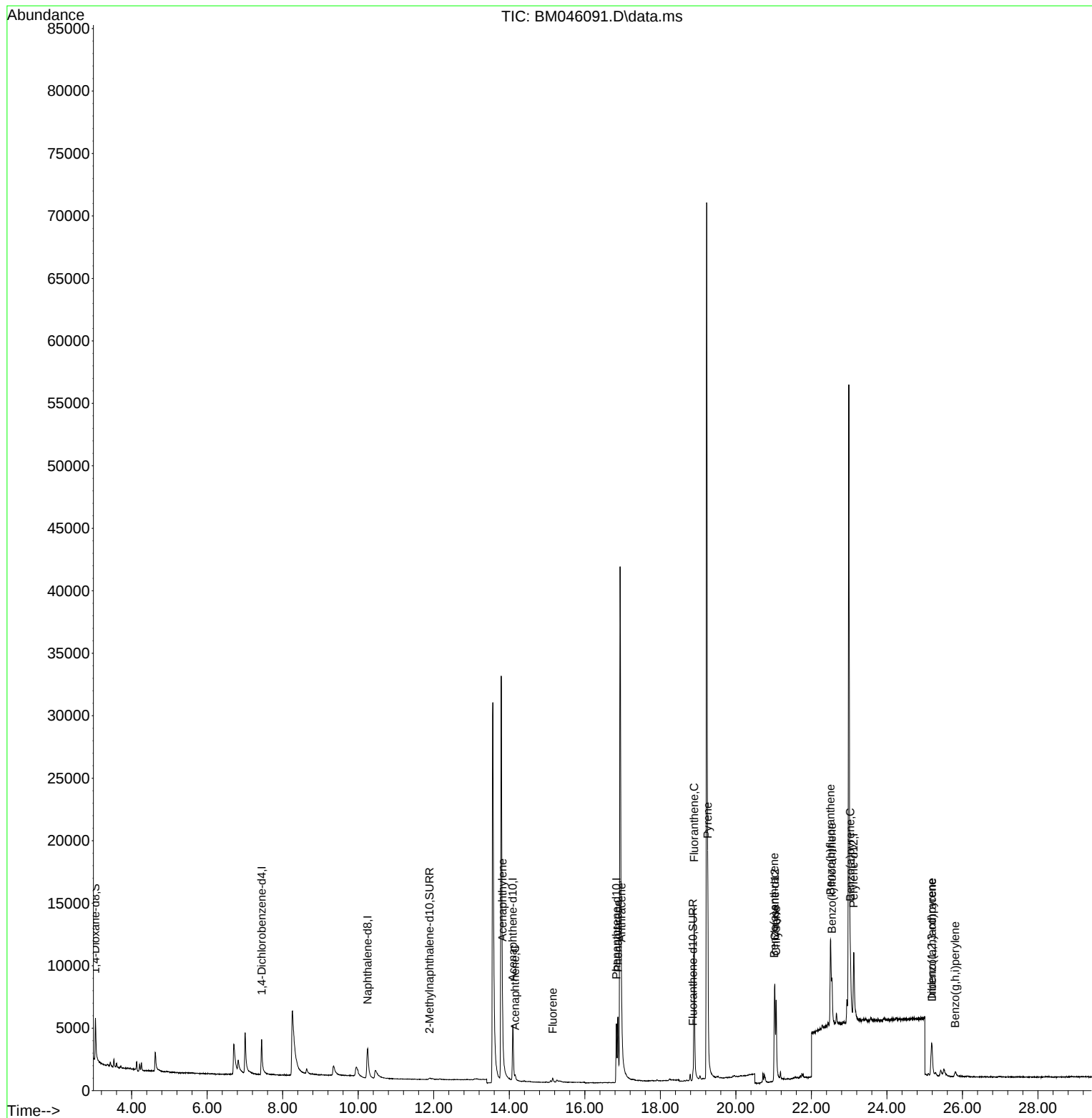
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046091.D
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ALS Vial : 7 Sample Multiplier: 1

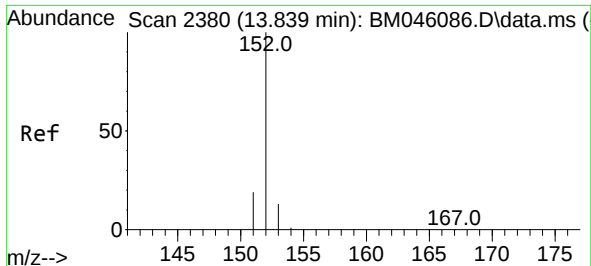
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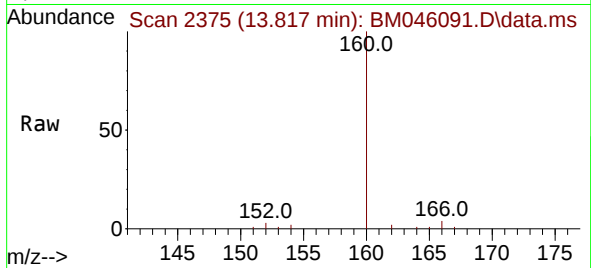
Quant Time: Jun 19 22:49:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.817 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

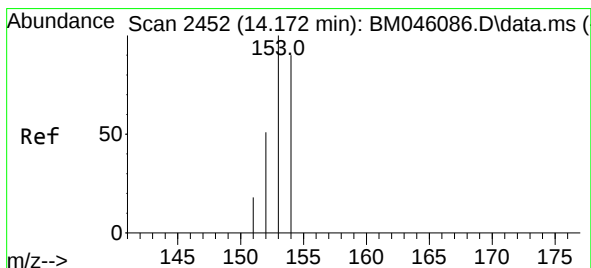
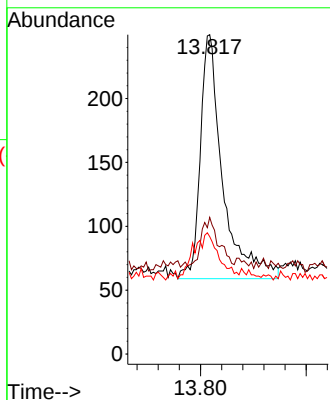
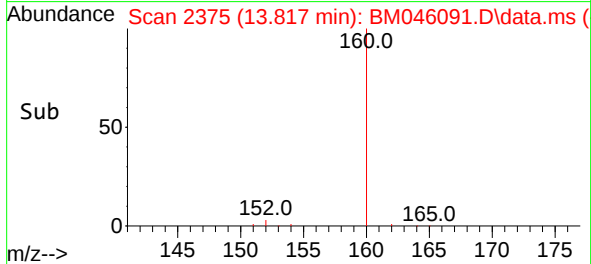
Instrument :
BNA_M
ClientSampleId :
A4BJ9DL



Tgt Ion:152 Resp: 56
Ion Ratio Lower Upper
152 100
151 42.8 17.4 26.2
153 36.8 11.8 17.8

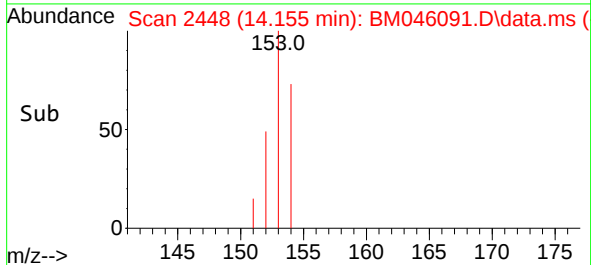
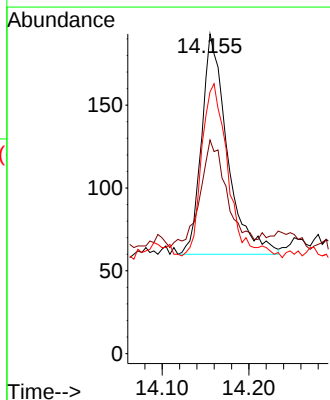
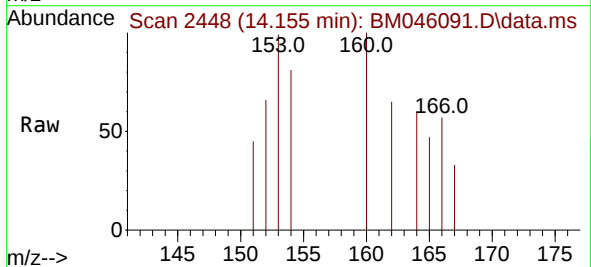
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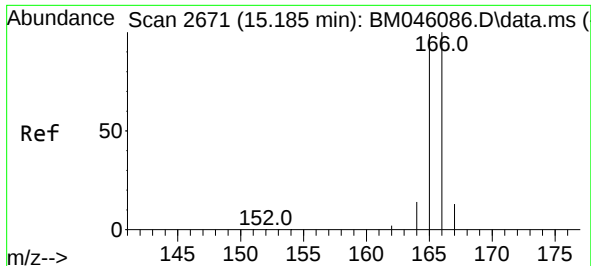
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.155 min Scan# 2448
Delta R.T. -0.017 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

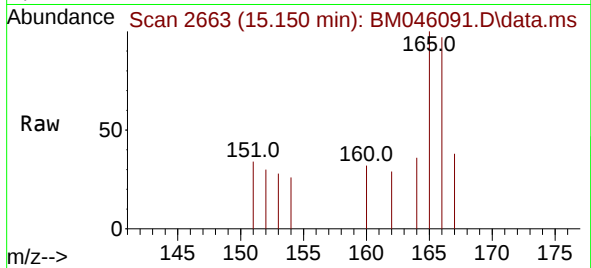
Tgt Ion:153 Resp: 274
Ion Ratio Lower Upper
153 100
152 66.8 41.3 61.9
154 81.9 68.2 102.4





#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.150 min Scan# 20
Delta R.T. -0.031 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

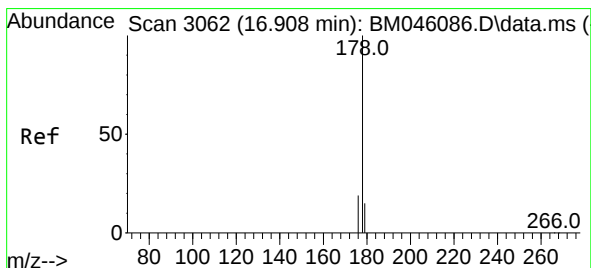
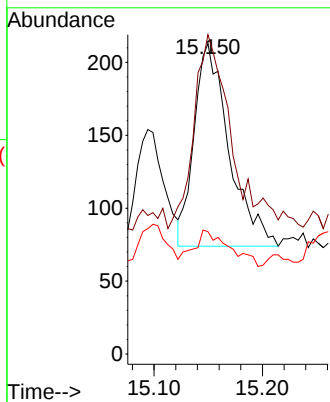
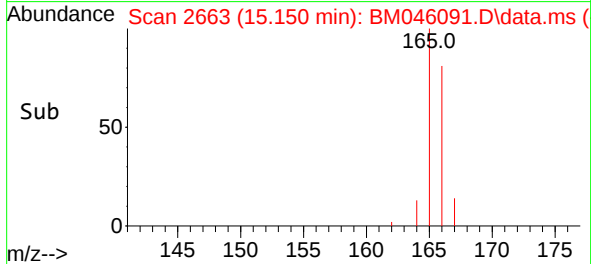
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ClientSampleId :
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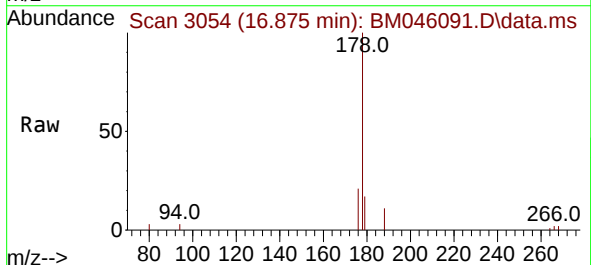
Tgt Ion:166 Resp: 311
Ion Ratio Lower Upper
166 100
165 102.8 80.4 120.6
167 39.4 12.4 18.6

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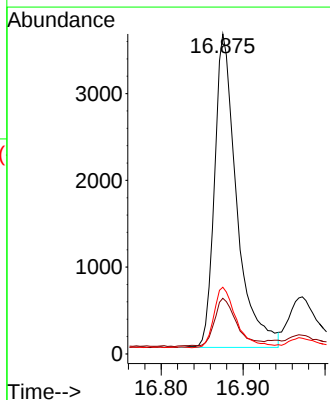
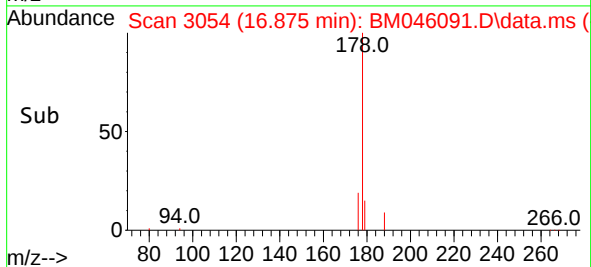
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

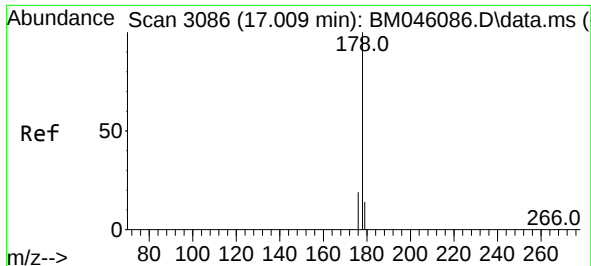


#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 16.875 min Scan# 3054
Delta R.T. -0.028 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14



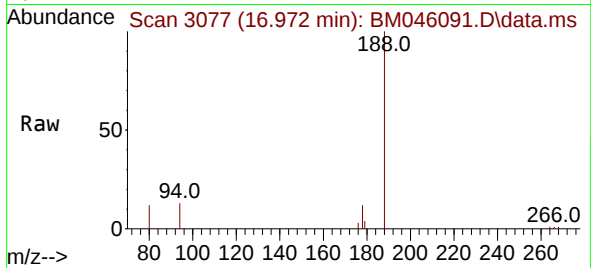
Tgt Ion:178 Resp: 6784
Ion Ratio Lower Upper
178 100
179 17.4 14.2 21.2
176 20.9 17.1 25.7





#16
Anthracene
Concen: 0.086 ng/ul
RT: 16.972 min Scan# 3086
Delta R.T. -0.032 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

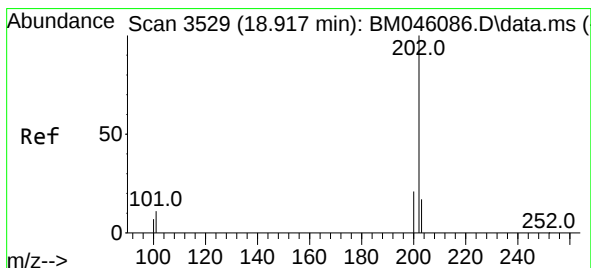
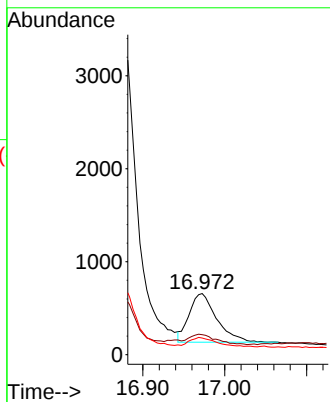
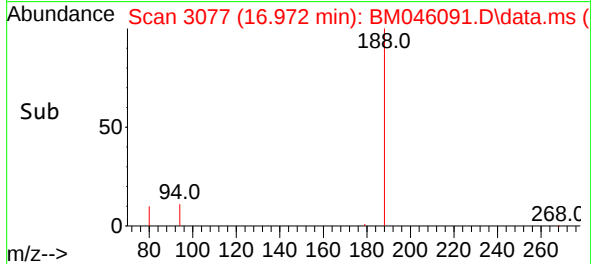
Instrument :
BNA_M
ClientSampleId :
A4BJ9DL



Tgt Ion:178 Resp: 1219
Ion Ratio Lower Upper
178 100
179 32.9 14.9 22.3
176 27.4 17.0 25.4

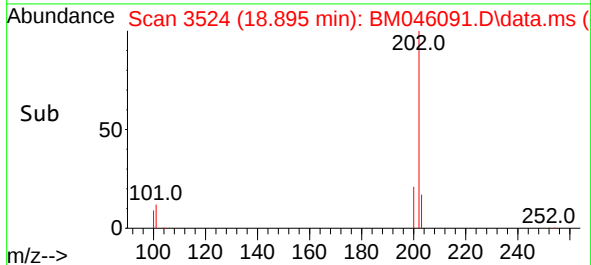
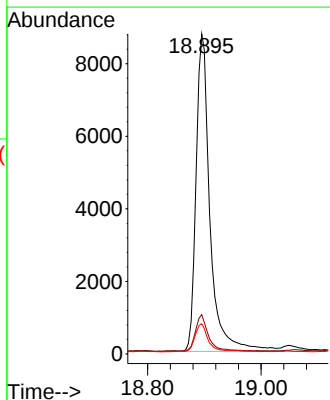
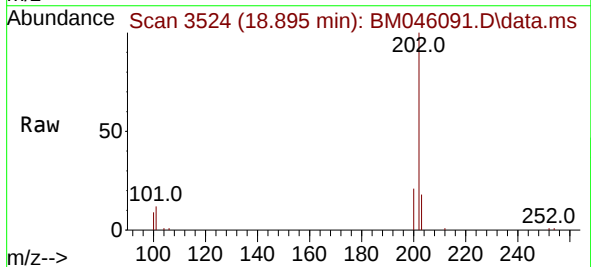
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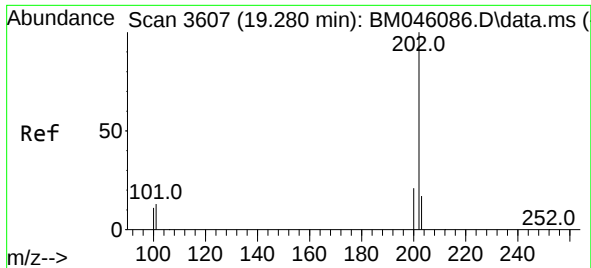
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#19
Fluoranthene
Concen: 0.607 ng/ul
RT: 18.895 min Scan# 3524
Delta R.T. -0.022 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

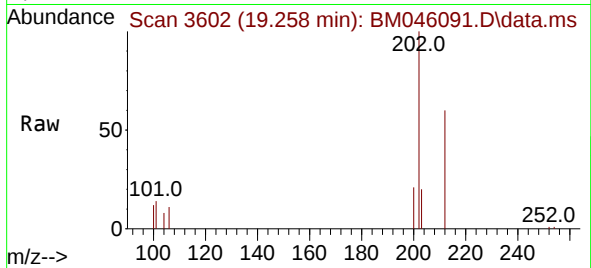
Tgt Ion:202 Resp: 14891
Ion Ratio Lower Upper
202 100
101 12.3 9.6 14.4
100 9.5 7.6 11.4





#20
Pyrene
Concen: 0.429 ng/u1
RT: 19.258 min Scan# 30
Delta R.T. -0.017 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

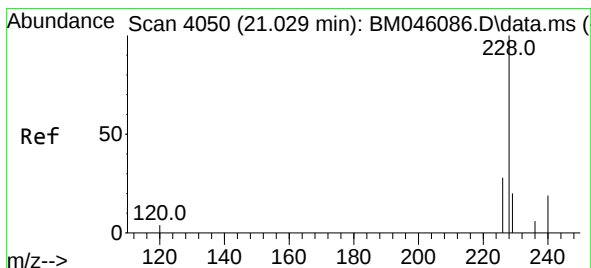
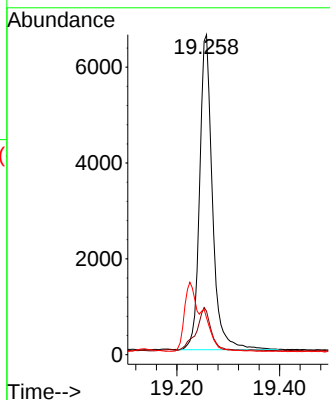
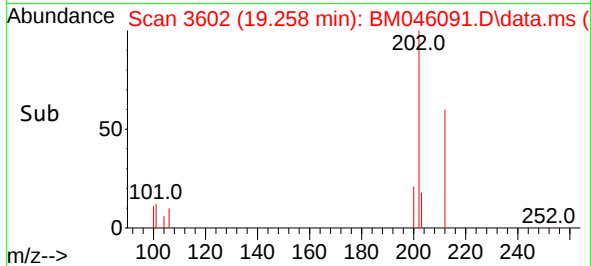
Instrument :
BNA_M
ClientSampleId :
A4BJ9DL



Tgt Ion:202 Resp: 1138
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 11.5 9.8 14.6

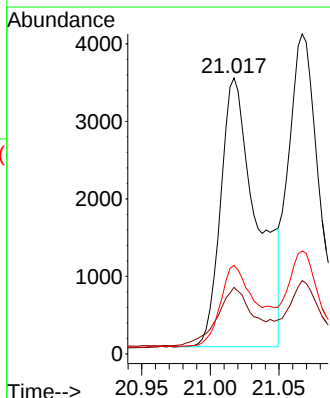
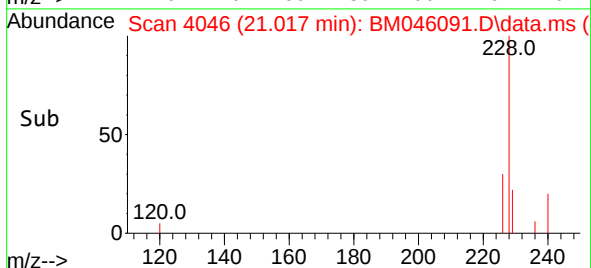
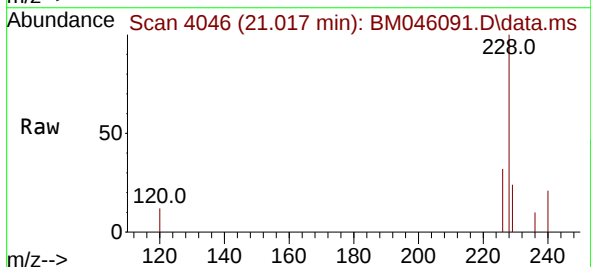
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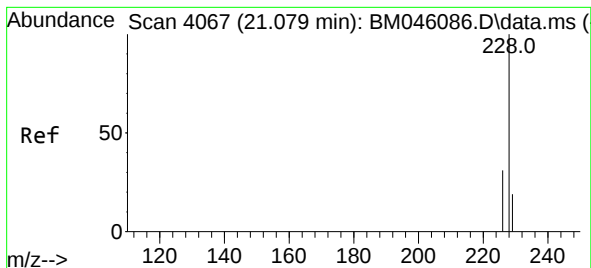
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#21
Benzo(a)anthracene
Concen: 0.290 ng/u1
RT: 21.017 min Scan# 4046
Delta R.T. -0.012 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

Tgt Ion:228 Resp: 6338
Ion Ratio Lower Upper
228 100
229 24.1 16.4 24.6
226 32.1 23.4 35.2





#22

Chrysene

Concen: 0.241 ng/ul

RT: 21.067 min Scan# 4063

Delta R.T. -0.009 min

Lab File: BM046091.D

Acq: 19 Jun 2024 18:14

Instrument :

BNA_M

ClientSampleId :

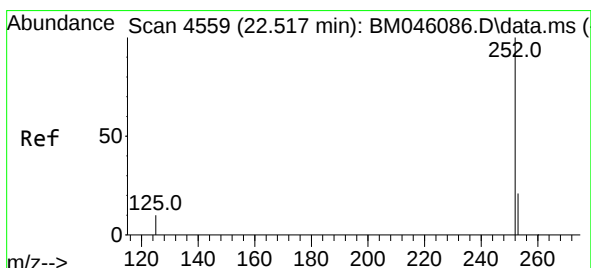
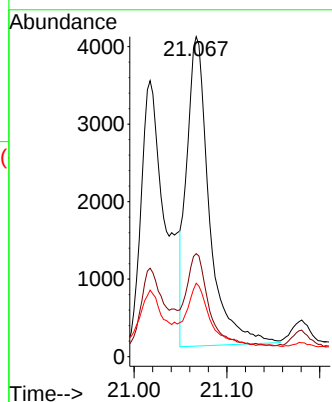
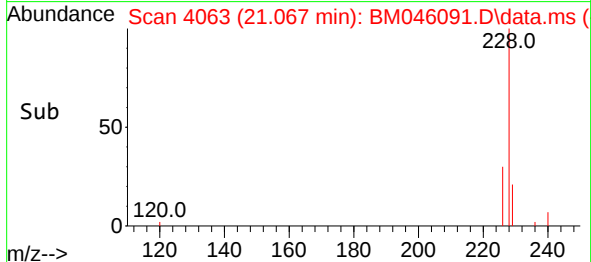
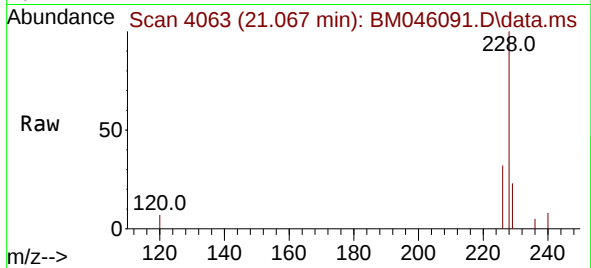
A4BJ9DL

Tgt Ion:	228	Resp:	6714
Ion Ratio	Lower	Upper	
228	100		
226	32.2	25.2	37.8
229	23.0	16.3	24.5

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#24

Benzo(b)fluoranthene

Concen: 0.456 ng/ul m

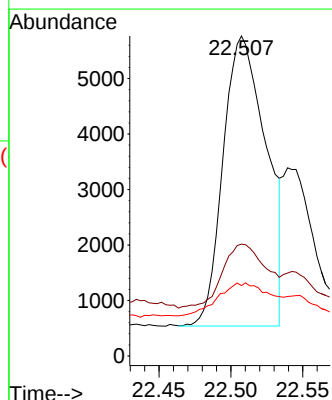
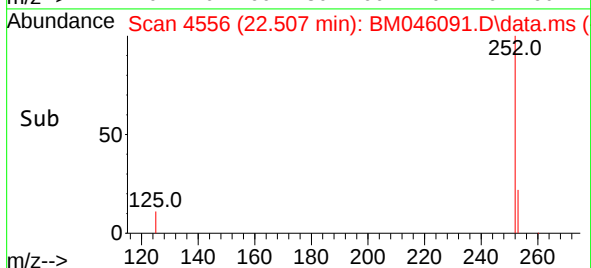
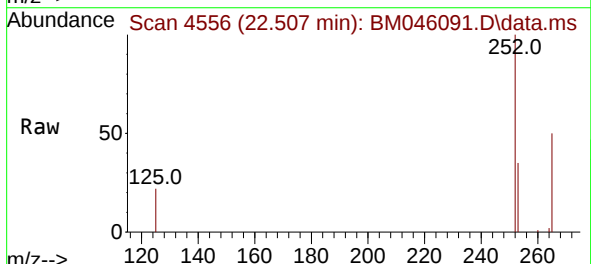
RT: 22.507 min Scan# 4556

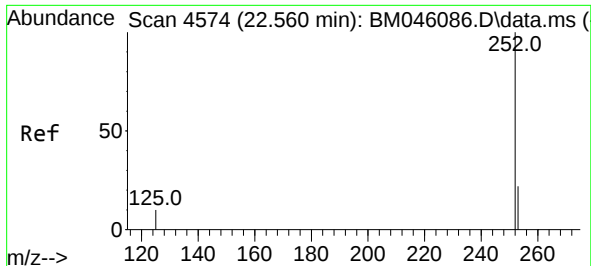
Delta R.T. -0.012 min

Lab File: BM046091.D

Acq: 19 Jun 2024 18:14

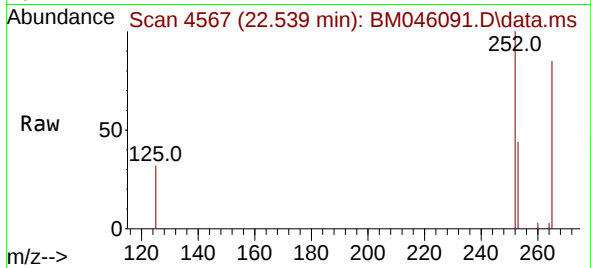
Tgt Ion:	252	Resp:	10881
Ion Ratio	Lower	Upper	
252	100		
253	35.0	0.0	65.8
125	22.0	0.0	40.2





#25
Benzo(k)fluoranthene
Concen: 0.156 ng/ul m
RT: 22.539 min Scan# 4
Delta R.T. -0.024 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

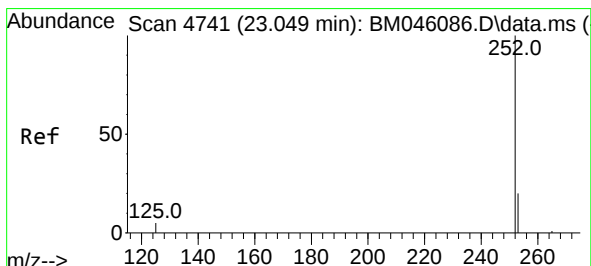
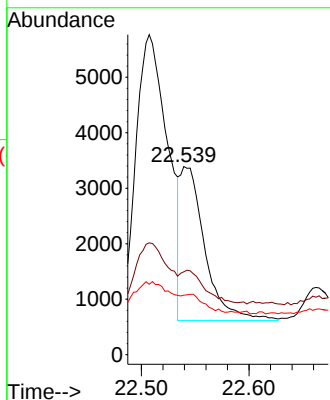
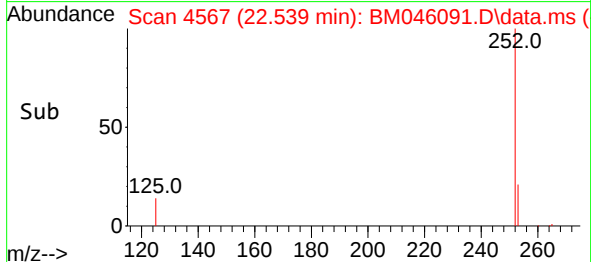
Instrument :
BNA_M
ClientSampleId :
A4BJ9DL



Tgt Ion:252 Resp: 442
Ion Ratio Lower Upper
252 100
253 44.0 27.2 40.8
125 31.7 16.6 25.0

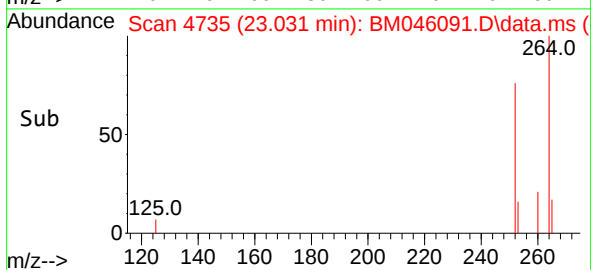
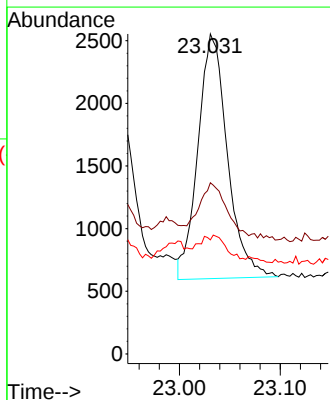
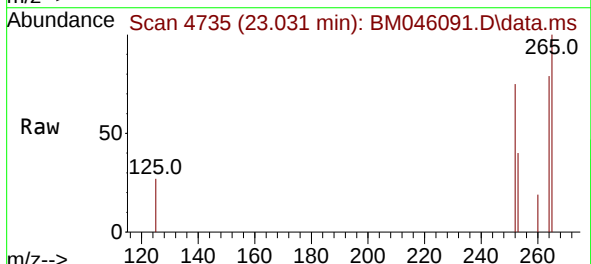
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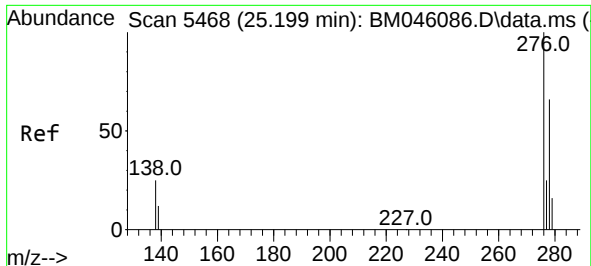
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#26
Benzo(a)pyrene
Concen: 0.179 ng/ul
RT: 23.031 min Scan# 4735
Delta R.T. -0.024 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

Tgt Ion:252 Resp: 3963
Ion Ratio Lower Upper
252 100
253 53.5 32.1 48.1#
125 35.6 21.2 31.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.128 ng/ul

RT: 25.185 min Scan# 5467

Delta R.T. -0.017 min

Lab File: BM046091.D

Acq: 19 Jun 2024 18:14

Instrument :

BNA_M

ClientSampleId :

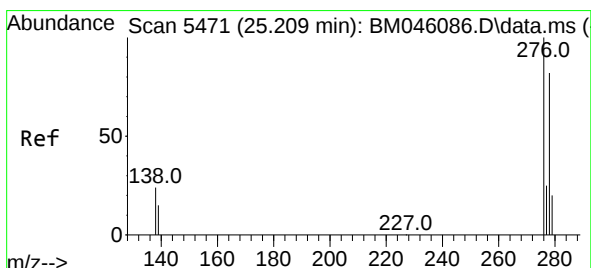
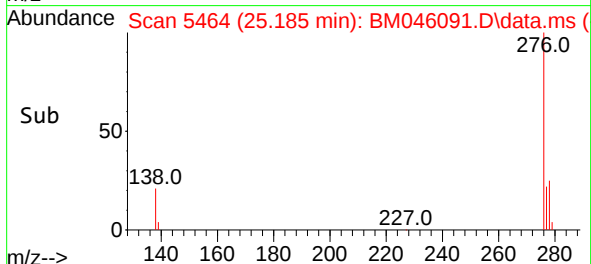
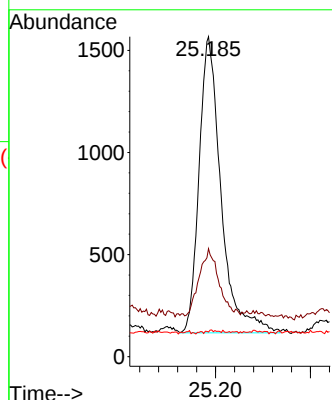
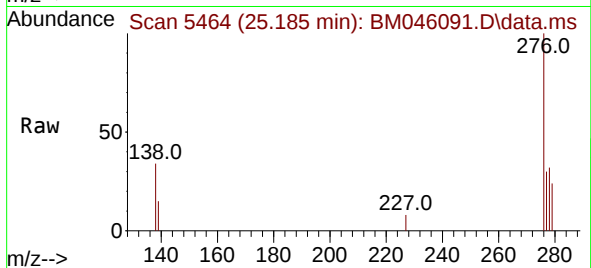
A4BJ9DL

Tgt Ion:	276	Resp:	465
Ion Ratio	Lower	Upper	
276	100		
138	20.2	21.0	31.4
227	0.5	0.0	0.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.053 ng/ul

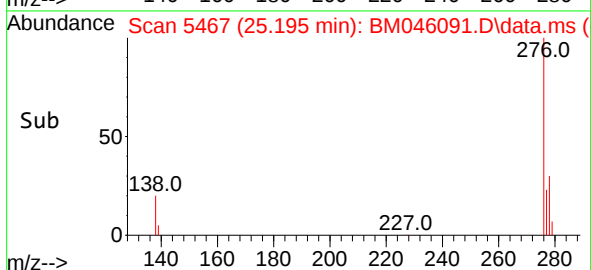
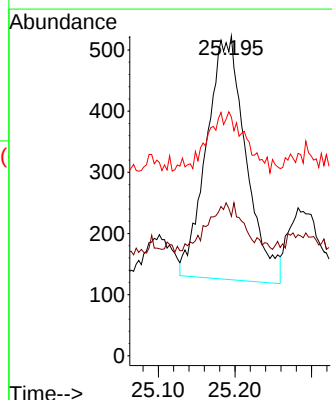
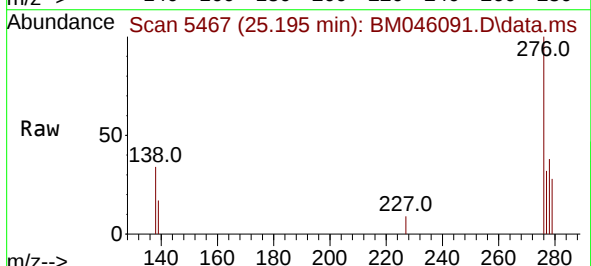
RT: 25.195 min Scan# 5467

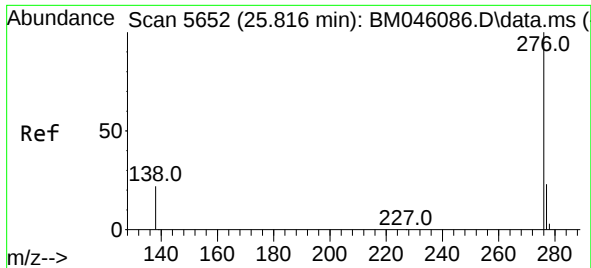
Delta R.T. -0.021 min

Lab File: BM046091.D

Acq: 19 Jun 2024 18:14

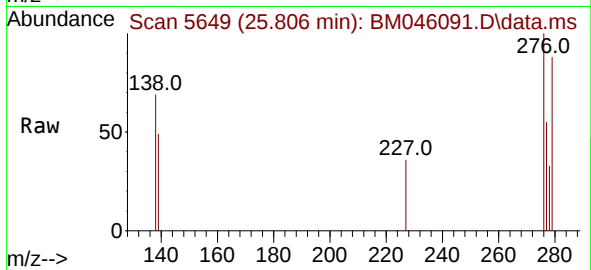
Tgt Ion:	278	Resp:	1417
Ion Ratio	Lower	Upper	
278	100		
139	43.6	17.6	26.4
279	74.6	26.3	39.5





#29
Benzo(g,h,i)perylene
Concen: 0.027 ng/ul
RT: 25.806 min Scan# 50
Delta R.T. -0.024 min
Lab File: BM046091.D
Acq: 19 Jun 2024 18:14

Instrument :
BNA_M
ClientSampleId :
A4BJ9DL



Tgt Ion:276 Resp: 839
Ion Ratio Lower Upper
276 100
138 69.2 21.7 32.5
277 54.9 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

