

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046623.D
 Acq On : 16 Jul 2024 08:19
 Operator : MA/JU
 Sample : P3088-15DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D09DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 08:51:02 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 : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.501	152	3736	0.400	ng/ul	0.00
4) Naphthalene-d8	10.259	136	9996	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.144	164	6635	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.895	188	14314	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	11245	0.400	ng/ul	0.00
23) Perylene-d12	23.241	264	11921	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	1249	0.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.859	152	595	0.037	ng/ul	0.00
18) Fluoranthene-d10	18.936	212	1471	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.308	128	541	0.021	ng/ul#	72
10) Acenaphthylene	13.858	152	2316	0.077	ng/ul#	93
12) Fluorene	15.199	166	525	0.021	ng/ul#	88
15) Phenanthrene	16.937	178	11177	0.274	ng/ul	99
16) Anthracene	17.026	178	3057	0.077	ng/ul	95
19) Fluoranthene	18.968	202	26710	0.578	ng/ul	99
20) Pyrene	19.331	202	20248	0.405	ng/ul	98
21) Benzo(a)anthracene	21.088	228	12491m	0.251	ng/ul	
22) Chrysene	21.137	228	14323	0.298	ng/ul	98
24) Benzo(b)fluoranthene	22.607	252	19045m	0.400	ng/ul	
25) Benzo(k)fluoranthene	22.648	252	7124m	0.152	ng/ul	
26) Benzo(a)pyrene	23.148	252	7718	0.197	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.357	276	7561	0.127	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.377	278	2651	0.056	ng/ul#	45
29) Benzo(g,h,i)perylene	26.000	276	4857	0.102	ng/ul#	85

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

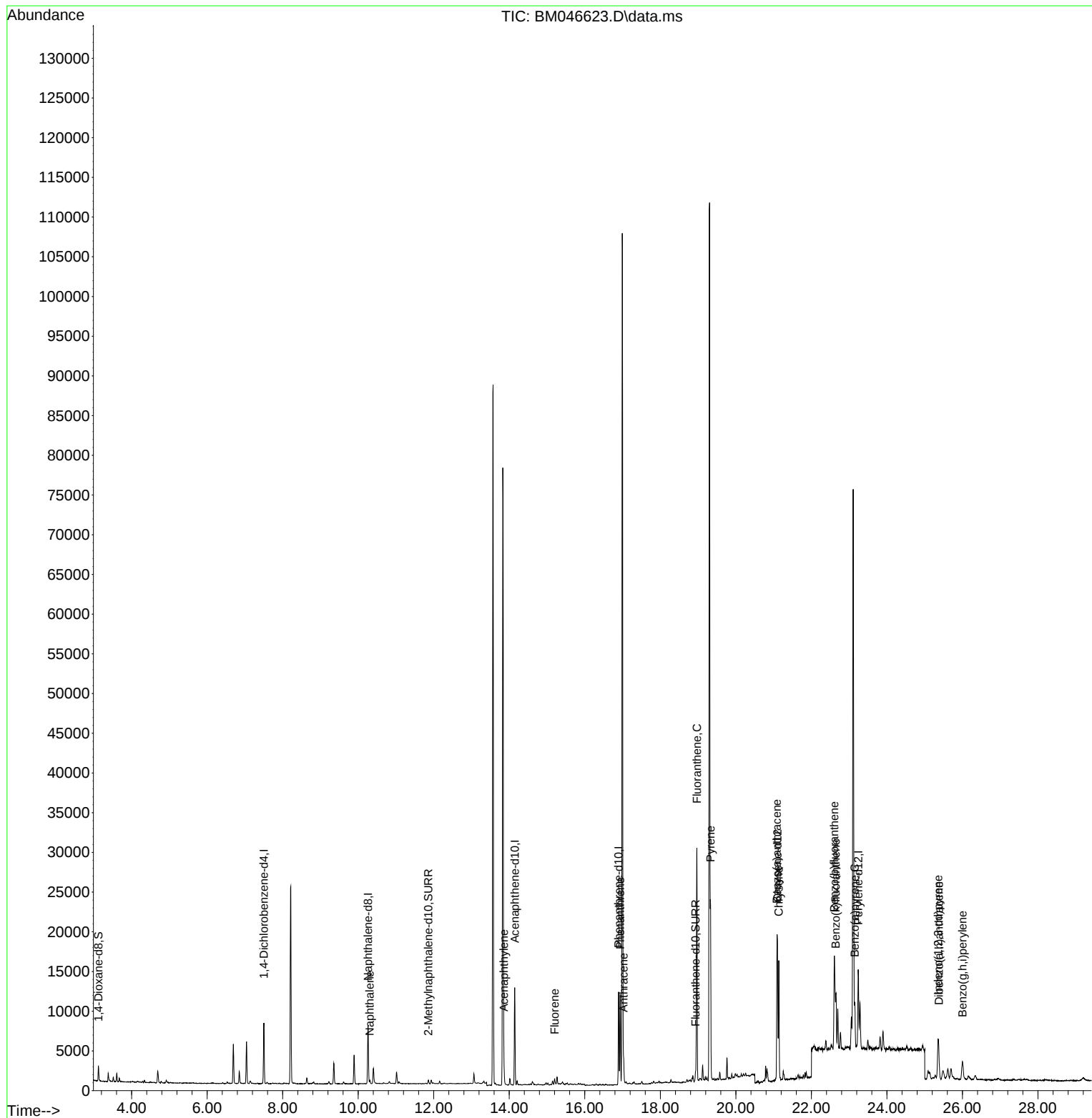
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046623.D
Acq On : 16 Jul 2024 08:19
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ALS Vial : 34 Sample Multiplier: 1

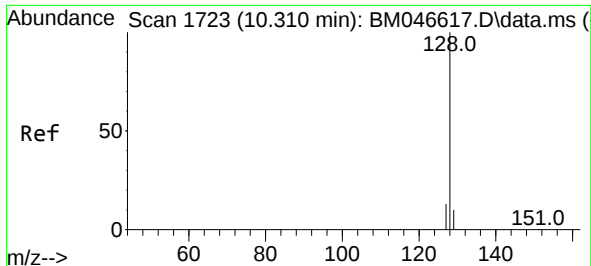
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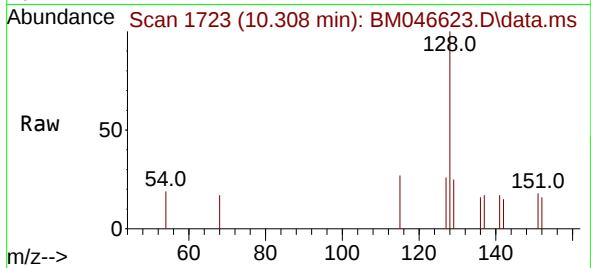
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.308 min Scan# 1723
Delta R.T. -0.007 min
Lab File: BM046623.D
Acq: 16 Jul 2024 08:19

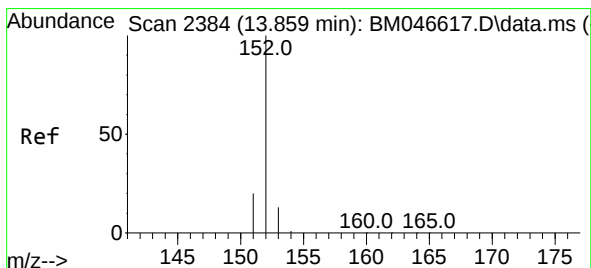
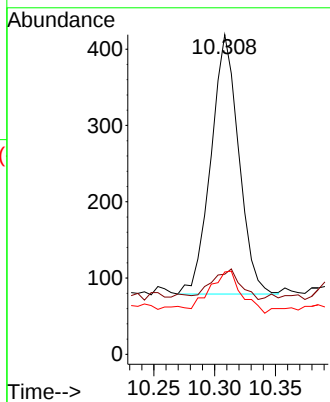
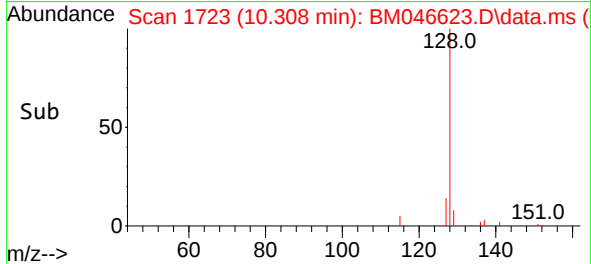
Instrument :
BNA_M
ClientSampleId :
A4D09DL



Tgt Ion:	128	Resp:	54
Ion Ratio	100	Lower	Upper
128	100		
129	25.1	10.3	15.5
127	25.8	12.2	18.4

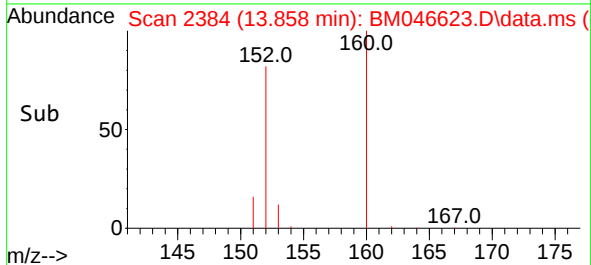
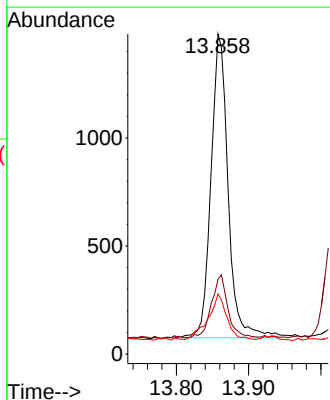
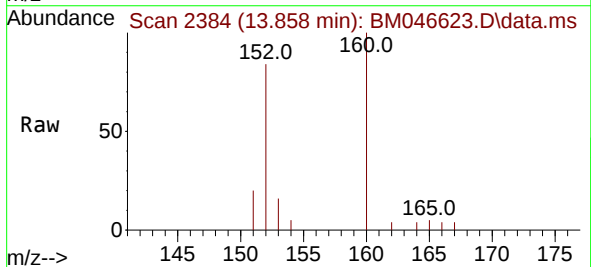
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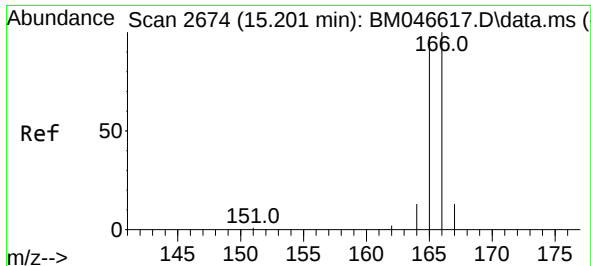
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.077 ng/ul
RT: 13.858 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BM046623.D
Acq: 16 Jul 2024 08:19

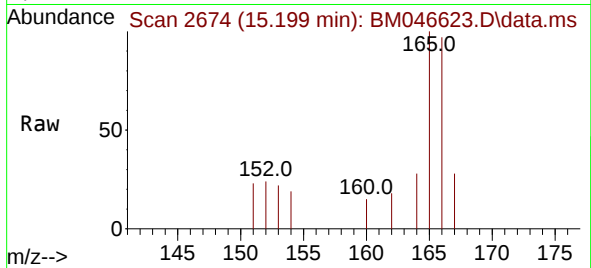
Tgt Ion:	152	Resp:	2316
Ion Ratio	100	Lower	Upper
152	100		
151	23.4	16.4	24.6
153	18.8	12.4	18.6





#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.199 min Scan# 2674
Delta R.T. -0.006 min
Lab File: BM046623.D
Acq: 16 Jul 2024 08:19

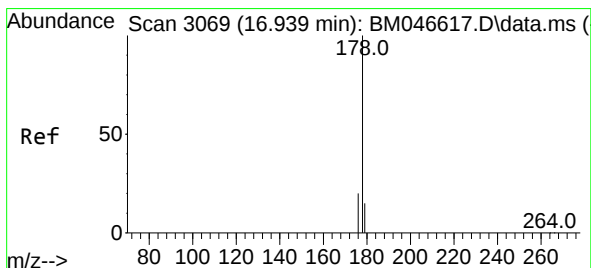
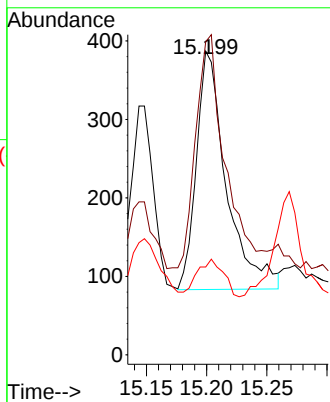
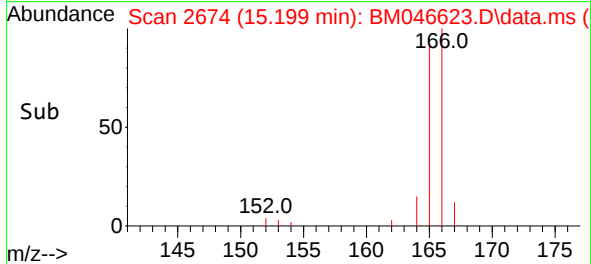
Instrument :
BNA_M
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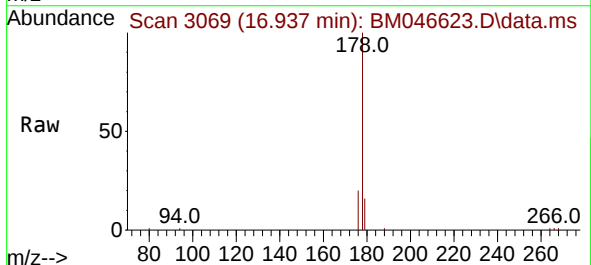
Tgt Ion:166 Resp: 529
Ion Ratio Lower Upper
166 100
165 103.1 76.1 114.1
167 28.9 12.5 18.7

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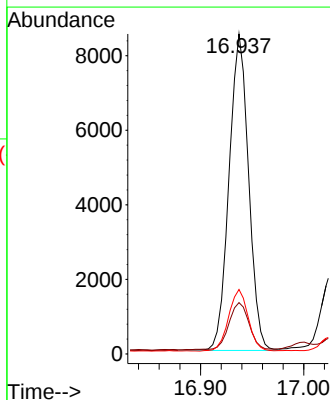
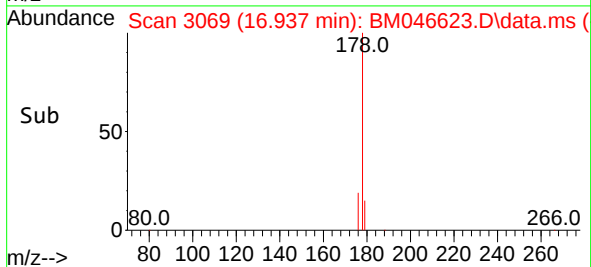
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Supervised By :mohammad ahmed 07/18/2024

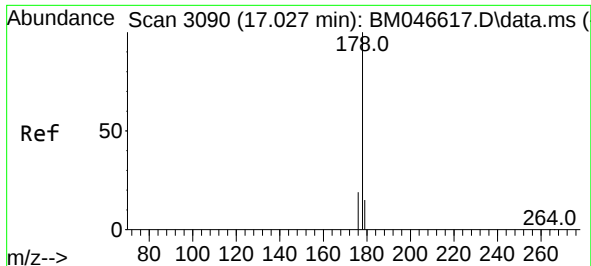


#15
Phenanthrene
Concen: 0.274 ng/ul
RT: 16.937 min Scan# 3069
Delta R.T. -0.006 min
Lab File: BM046623.D
Acq: 16 Jul 2024 08:19



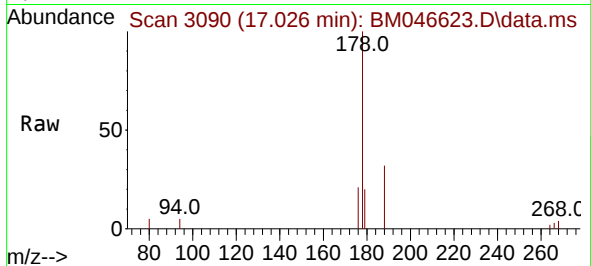
Tgt Ion:178 Resp: 11177
Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 20.1 16.0 24.0





#16
 Anthracene
 Concen: 0.077 ng/u1
 RT: 17.026 min Scan# 3090
 Delta R.T. -0.006 min
 Lab File: BM046623.D
 Acq: 16 Jul 2024 08:19

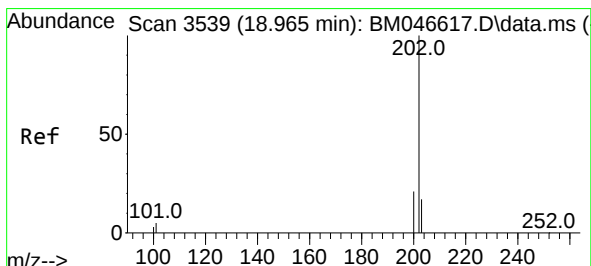
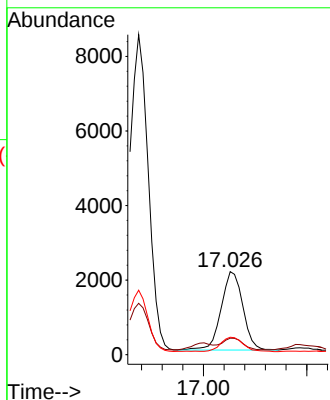
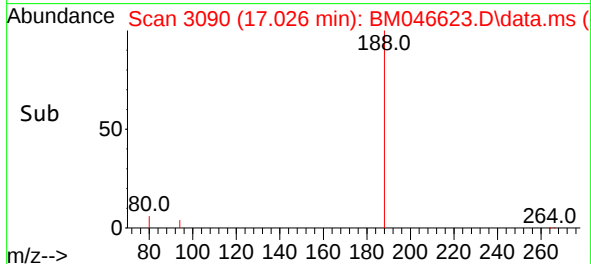
Instrument :
 BNA_M
 ClientSampleId :
 A4D09DL



Tgt Ion:178 Resp: 305
 Ion Ratio Lower Upper
 178 100
 179 19.9 13.5 20.3
 176 21.0 15.7 23.5

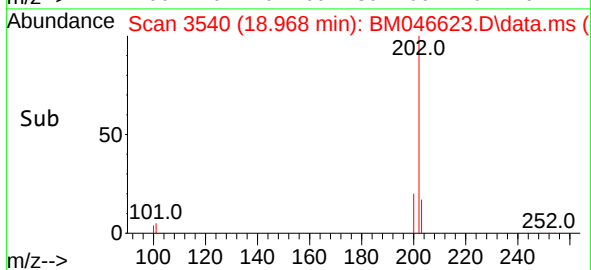
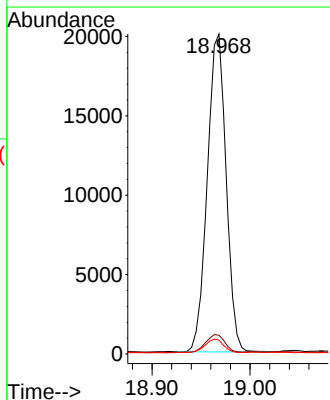
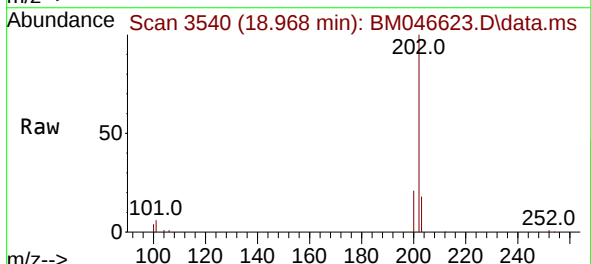
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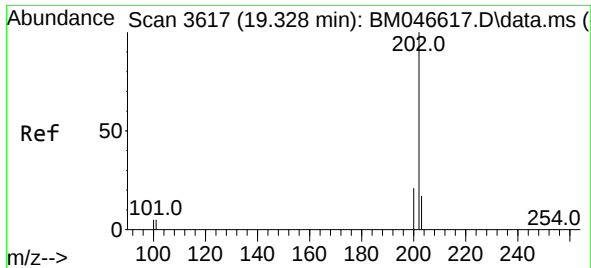
Reviewed By :Jagrut Upadhyay 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024



#19
 Fluoranthene
 Concen: 0.578 ng/u1
 RT: 18.968 min Scan# 3540
 Delta R.T. -0.002 min
 Lab File: BM046623.D
 Acq: 16 Jul 2024 08:19

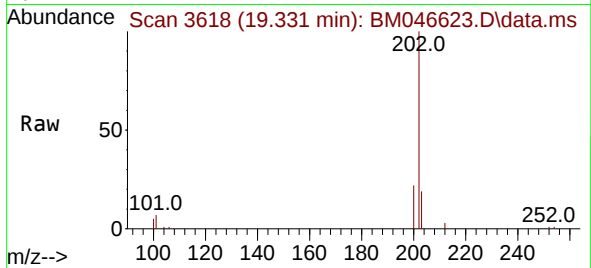
Tgt Ion:202 Resp: 26710
 Ion Ratio Lower Upper
 202 100
 101 5.9 4.6 6.8
 100 4.3 3.0 4.6





#20
Pyrene
Concen: 0.405 ng/ul
RT: 19.331 min Scan# 30
Delta R.T. -0.002 min
Lab File: BM046623.D
Acq: 16 Jul 2024 08:19

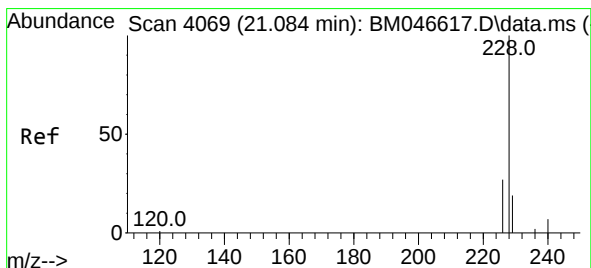
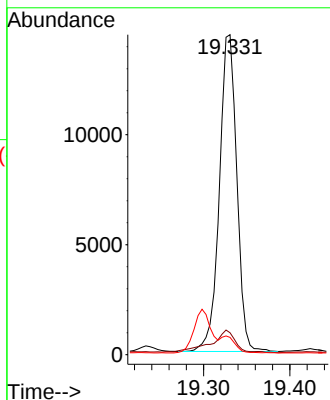
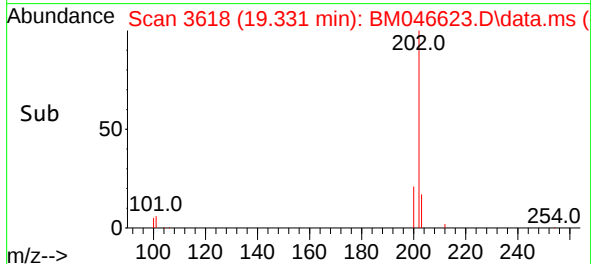
Instrument :
BNA_M
ClientSampleId :
A4D09DL



Tgt Ion:202 Resp: 2024
Ion Ratio Lower Upper
202 100
101 6.9 5.1 7.7
100 5.4 3.8 5.6

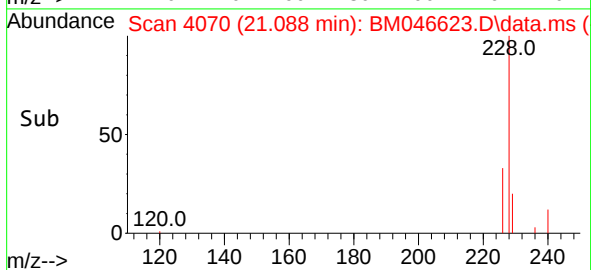
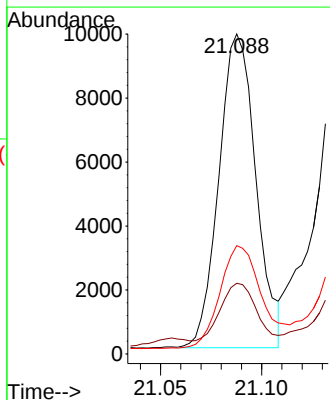
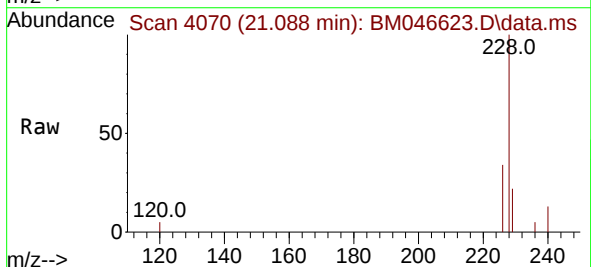
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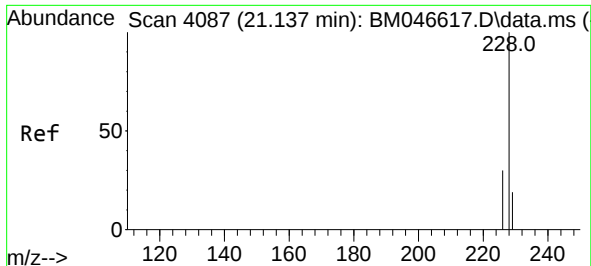
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#21
Benzo(a)anthracene
Concen: 0.251 ng/ul m
RT: 21.088 min Scan# 4070
Delta R.T. -0.000 min
Lab File: BM046623.D
Acq: 16 Jul 2024 08:19

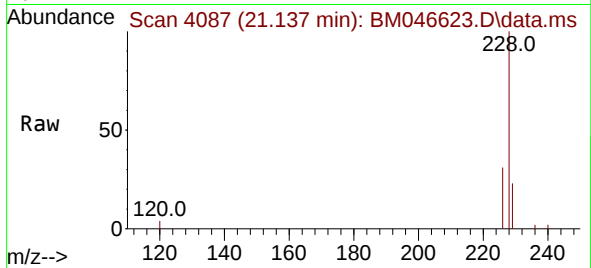
Tgt Ion:228 Resp: 12491
Ion Ratio Lower Upper
228 100
229 22.1 16.5 24.7
226 33.8 22.5 33.7#





#22
Chrysene
Concen: 0.298 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046623.D
Acq: 16 Jul 2024 08:19

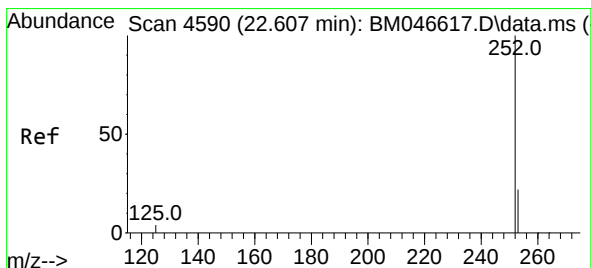
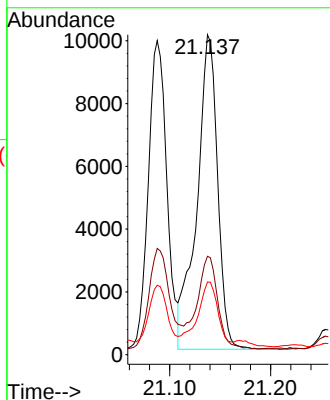
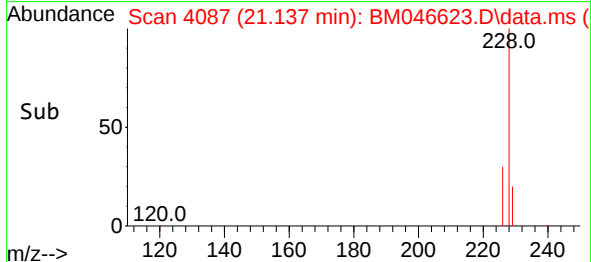
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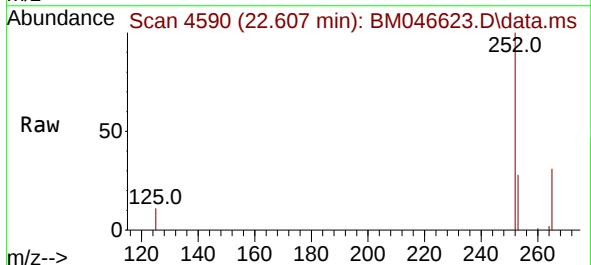
Tgt Ion:228 Resp: 1432
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.7 16.4 24.6

Manual Integrations
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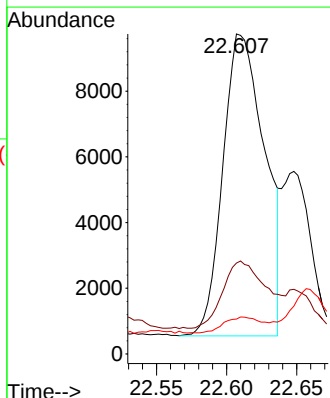
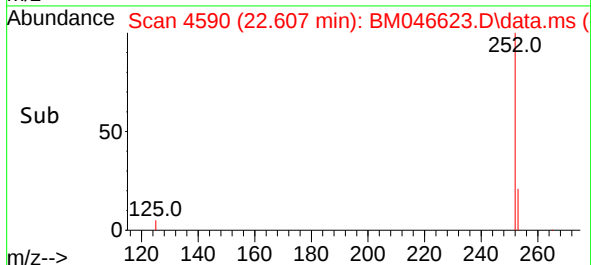
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

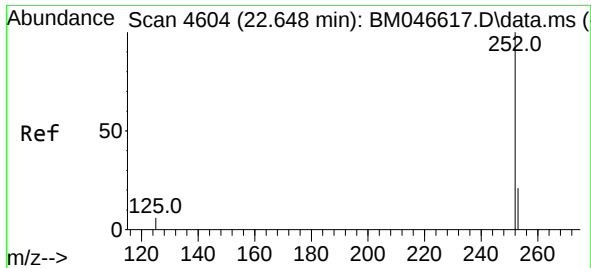


#24
Benzo(b)fluoranthene
Concen: 0.400 ng/ul m
RT: 22.607 min Scan# 4590
Delta R.T. -0.003 min
Lab File: BM046623.D
Acq: 16 Jul 2024 08:19



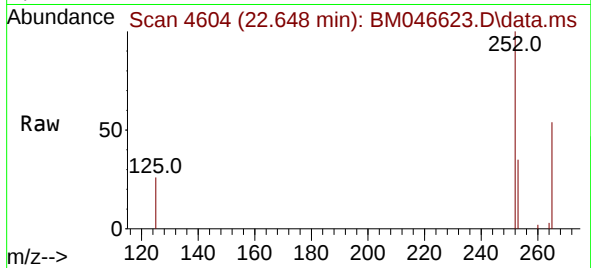
Tgt Ion:252 Resp: 19045
Ion Ratio Lower Upper
252 100
253 28.4 0.0 56.2
125 10.9 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.152 ng/ul m
RT: 22.648 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046623.D
Acq: 16 Jul 2024 08:19

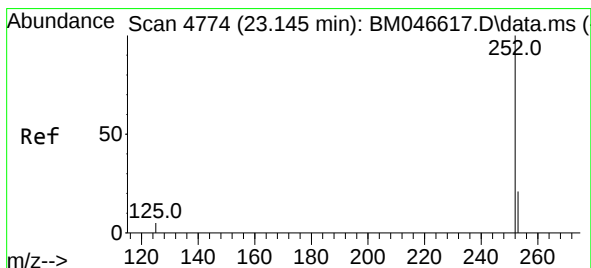
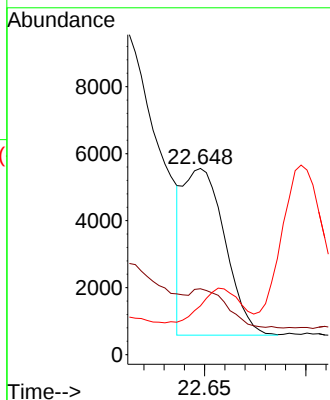
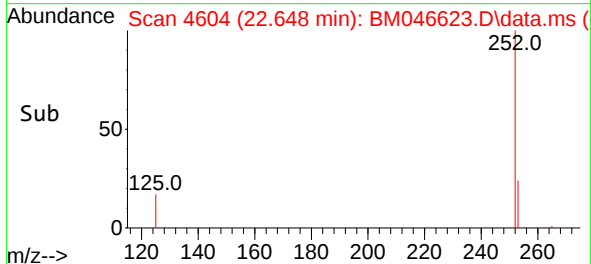
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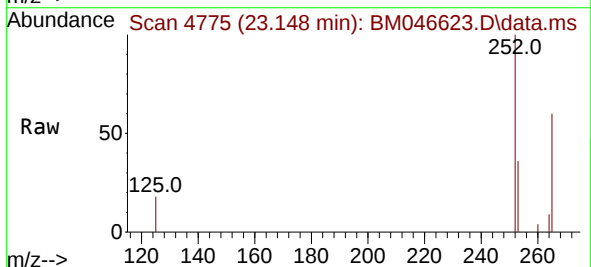
Tgt Ion:252 Resp: 7124
Ion Ratio Lower Upper
252 100
253 35.4 22.4 33.6
125 26.2 7.0 10.4

Manual Integrations
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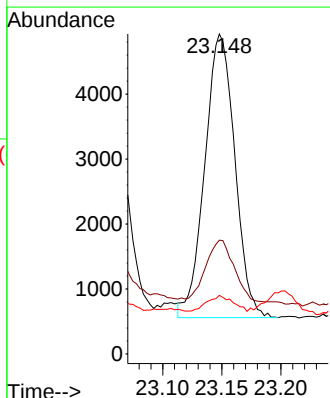
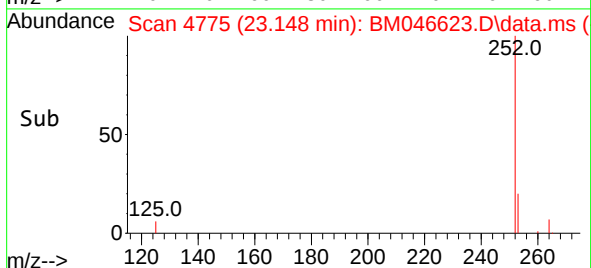
Reviewed By :Jagrut Upadhyay 07/16/2024
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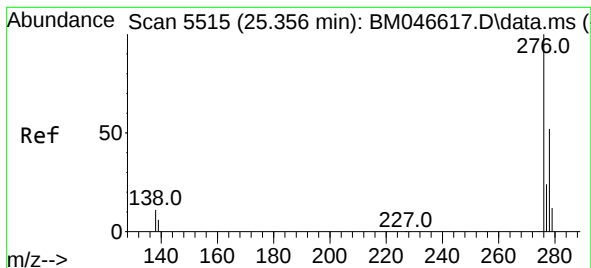


#26
Benzo(a)pyrene
Concen: 0.197 ng/ul
RT: 23.148 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BM046623.D
Acq: 16 Jul 2024 08:19



Tgt Ion:252 Resp: 7718
Ion Ratio Lower Upper
252 100
253 35.5 24.0 36.0
125 18.3 8.2 12.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.127 ng/ul

RT: 25.357 min Scan# 5515

Delta R.T. -0.003 min

Lab File: BM046623.D

Acq: 16 Jul 2024 08:19

Instrument :

BNM_M

ClientSampleId :

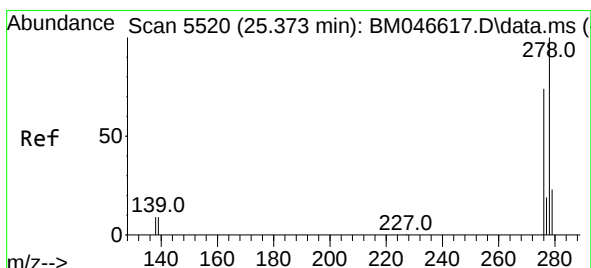
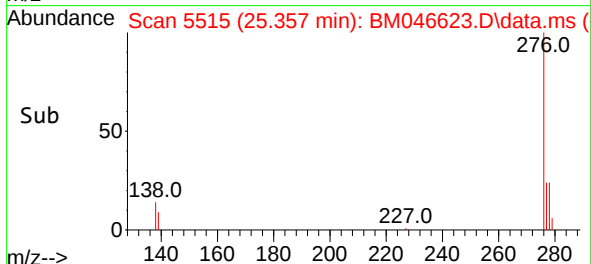
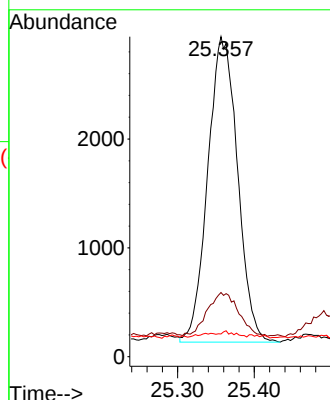
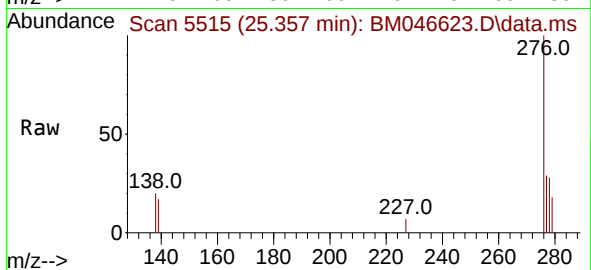
A4D09DL

Tgt Ion:	276	Resp:	756
Ion Ratio	Lower	Upper	
276	100		
138	14.5	0.0	0.0
227	0.8	0.2	0.2

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.056 ng/ul

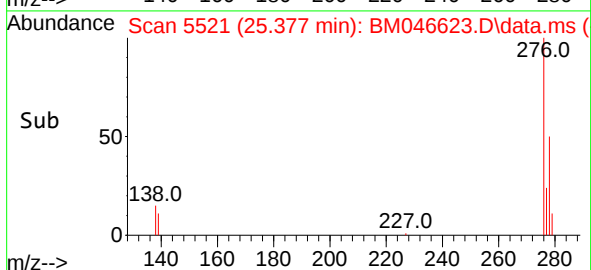
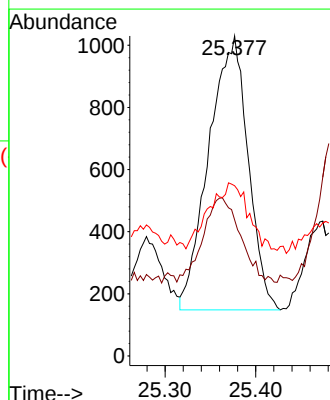
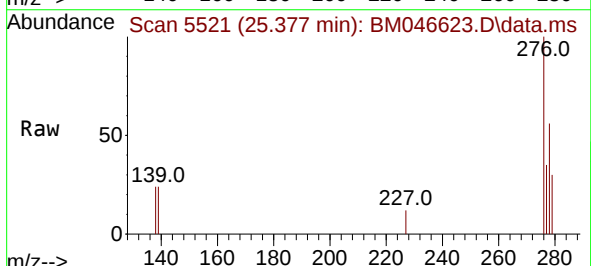
RT: 25.377 min Scan# 5521

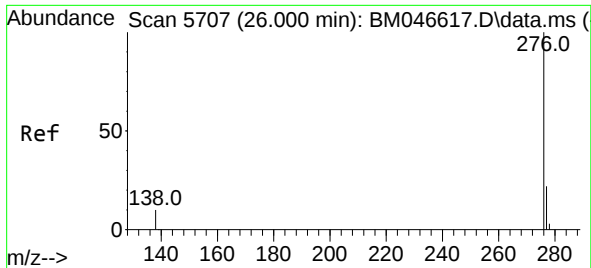
Delta R.T. -0.007 min

Lab File: BM046623.D

Acq: 16 Jul 2024 08:19

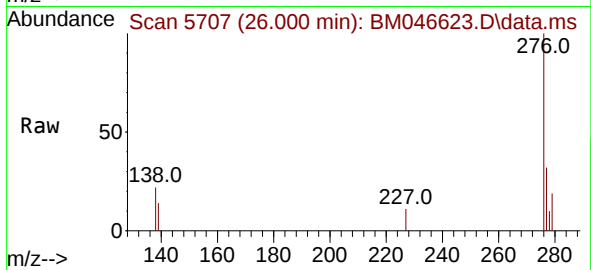
Tgt Ion:	278	Resp:	2651
Ion Ratio	Lower	Upper	
278	100		
139	42.5	9.1	13.7#
279	53.2	23.2	34.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.102 ng/ul
 RT: 26.000 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BM046623.D
 Acq: 16 Jul 2024 08:19

Instrument :
 BNA_M
 ClientSampleId :
 A4D09DL



Tgt Ion:276 Resp: 485
 Ion Ratio Lower Upper
 276 100
 138 22.4 10.2 15.4
 277 31.7 20.9 31.3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

