

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046612.D
 Acq On : 16 Jul 2024 01:00
 Operator : MA/JU
 Sample : P3035-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CX8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 01:41:51 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	2503	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	6803	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.146	164	4740	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.896	188	10698	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	8984	0.400	ng/ul	0.00
23) Perylene-d12	23.241	264	9972	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	3519	1.711	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	1723	0.157	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	4691	0.172	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.864	152	691	0.032	ng/ul#	77
15) Phenanthrene	16.939	178	5636	0.185	ng/ul	98
16) Anthracene	17.031	178	1232	0.041	ng/ul#	87
19) Fluoranthene	18.965	202	12717	0.345	ng/ul	98
20) Pyrene	19.332	202	11682m	0.292	ng/ul	
21) Benzo(a)anthracene	21.087	228	6081	0.153	ng/ul	94
22) Chrysene	21.140	228	6603	0.172	ng/ul	95
24) Benzo(b)fluoranthene	22.610	252	9165m	0.230	ng/ul	
25) Benzo(k)fluoranthene	22.648	252	3450m	0.088	ng/ul	
26) Benzo(a)pyrene	23.150	252	5790	0.177	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.360	276	4952	0.099	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.366	278	1245	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	26.003	276	4903	0.123	ng/ul#	91

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

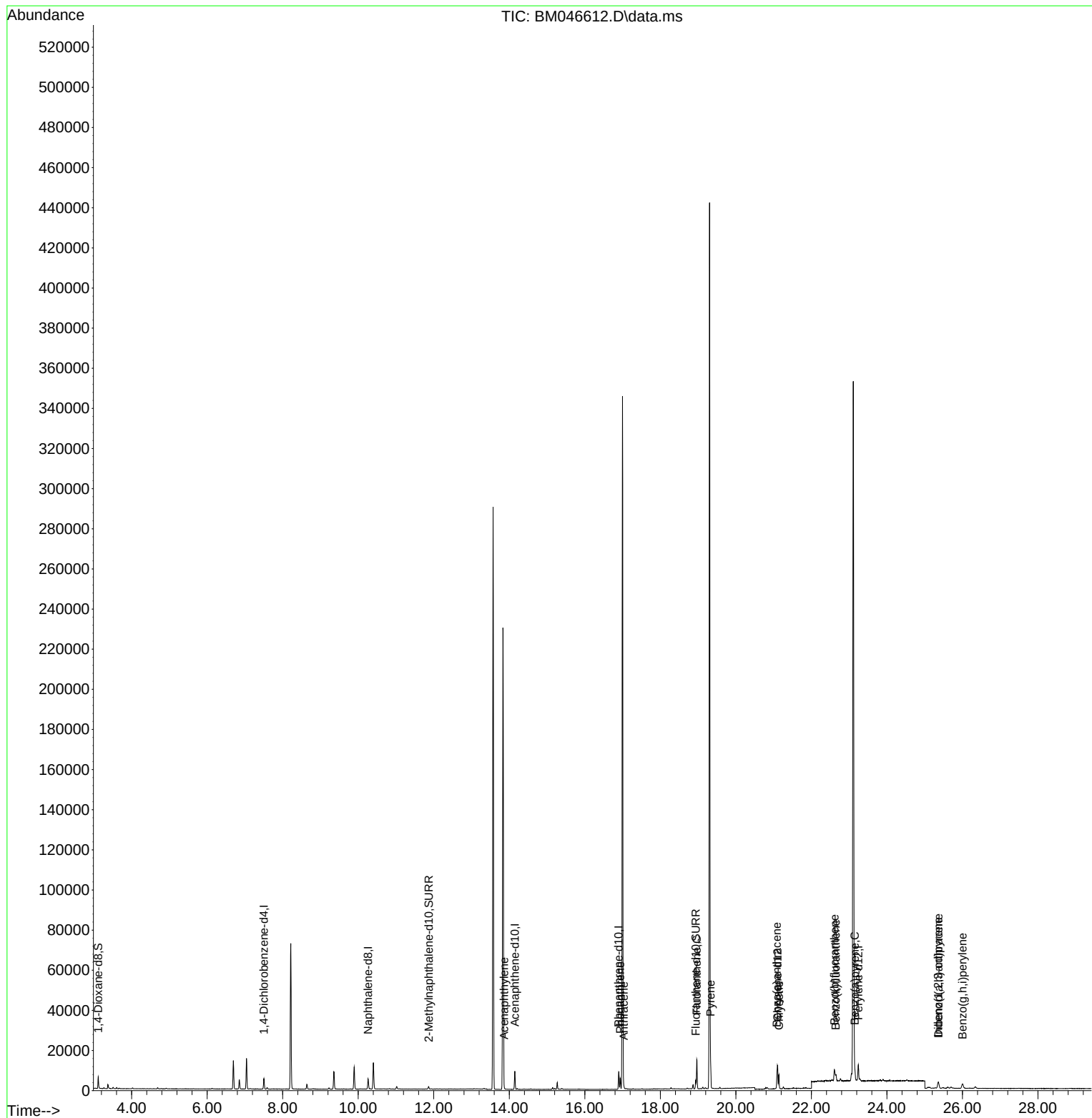
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046612.D
Acq On : 16 Jul 2024 01:00
Operator : MA/JU
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ALS Vial : 22 Sample Multiplier: 1

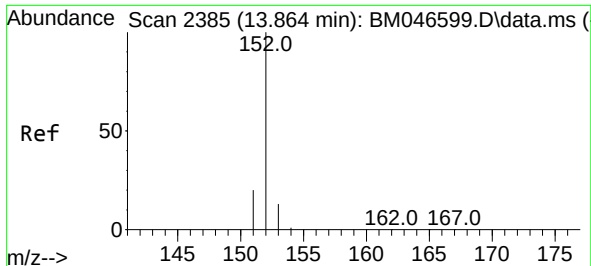
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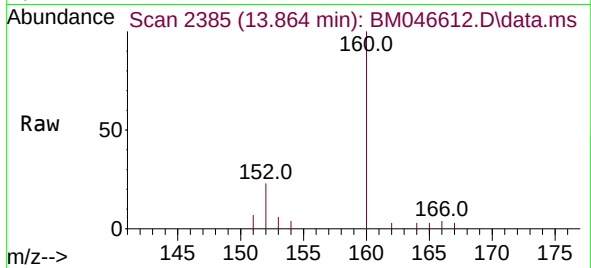
Quant Time: Jul 16 01:41:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 13.864 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046612.D
Acq: 16 Jul 2024 01:00

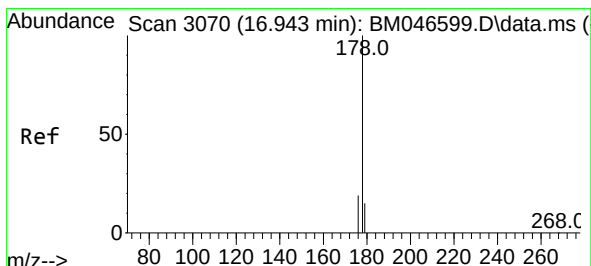
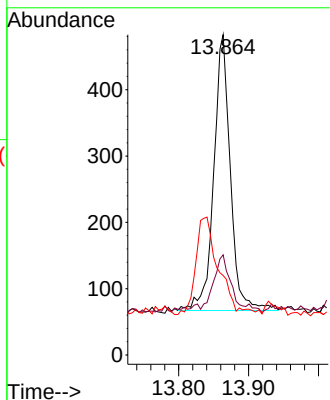
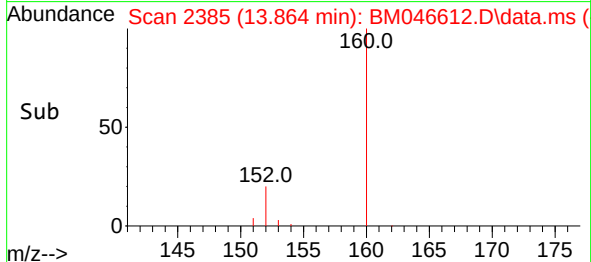
Instrument :
BNA_M
ClientSampleId :
A4CX8



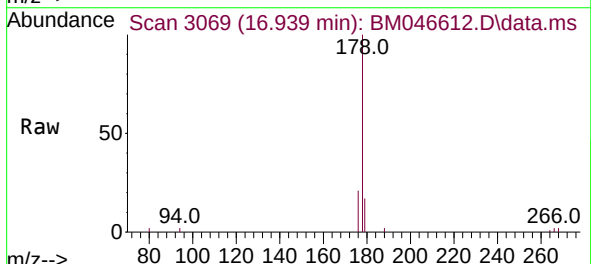
Tgt Ion:152 Resp: 69
Ion Ratio Lower Upper
152 100
151 31.3 16.4 24.6
153 24.8 12.4 18.6

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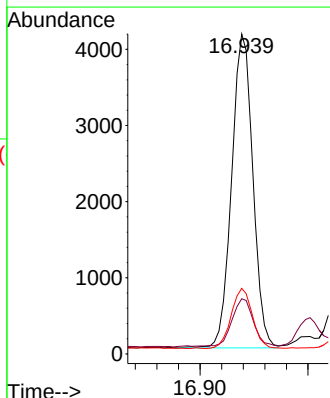
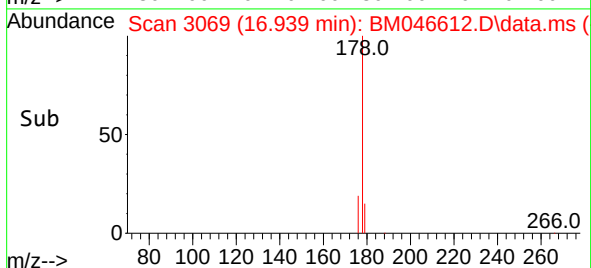
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

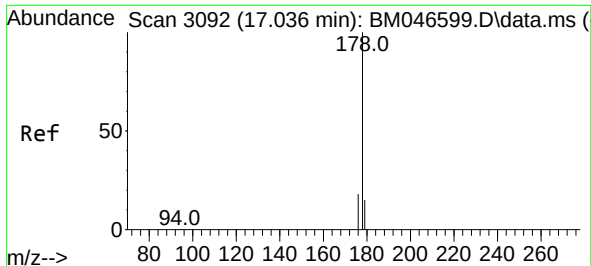


#15
Phenanthrene
Concen: 0.185 ng/ul
RT: 16.939 min Scan# 3069
Delta R.T. -0.005 min
Lab File: BM046612.D
Acq: 16 Jul 2024 01:00



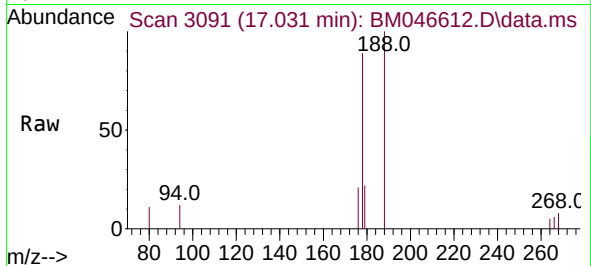
Tgt Ion:178 Resp: 5636
Ion Ratio Lower Upper
178 100
179 17.3 13.1 19.7
176 20.5 16.0 24.0





#16
 Anthracene
 Concen: 0.041 ng/ul
 RT: 17.031 min Scan# 3091
 Delta R.T. -0.000 min
 Lab File: BM046612.D
 Acq: 16 Jul 2024 01:00

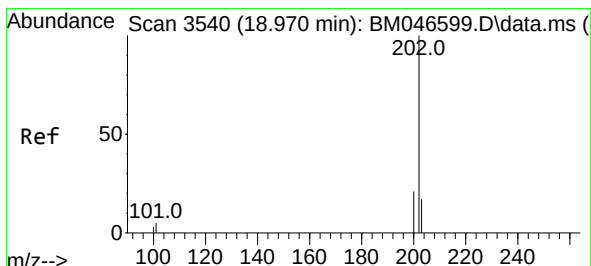
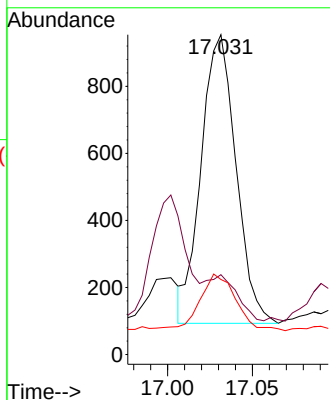
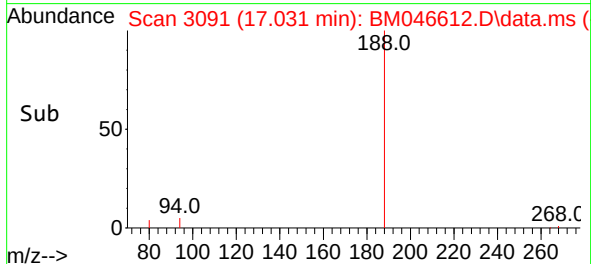
Instrument :
 BNA_M
 ClientSampleId :
 A4CX8



Tgt Ion:178 Resp: 1232
 Ion Ratio Lower Upper
 178 100
 179 24.9 13.5 20.3
 176 23.5 15.7 23.5

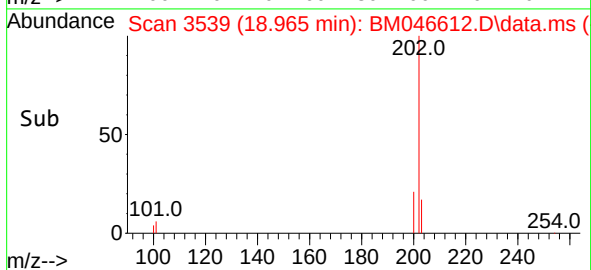
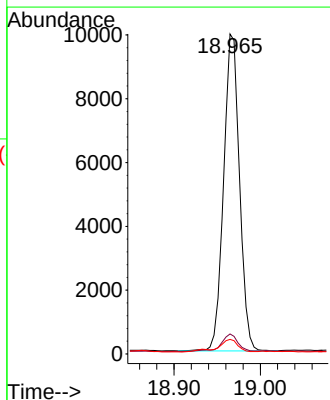
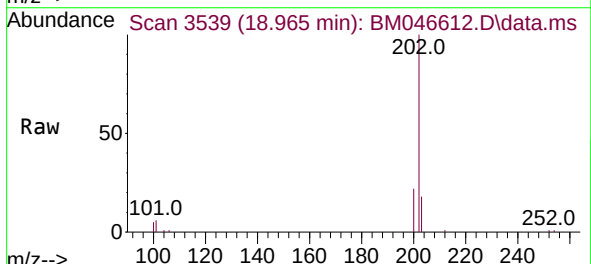
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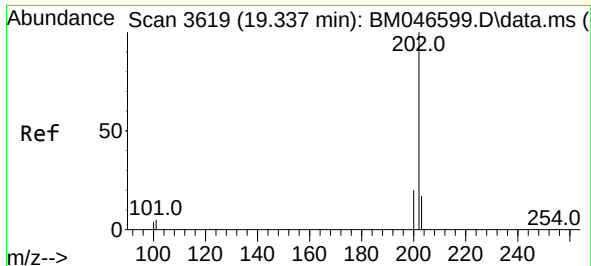
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024



#19
 Fluoranthene
 Concen: 0.345 ng/ul
 RT: 18.965 min Scan# 3539
 Delta R.T. -0.005 min
 Lab File: BM046612.D
 Acq: 16 Jul 2024 01:00

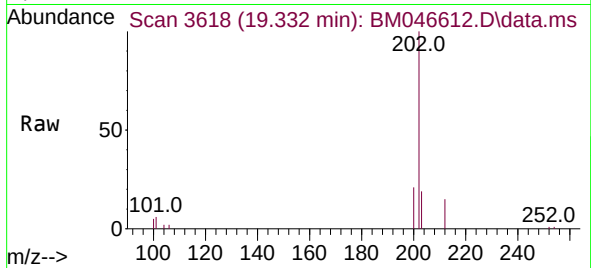
Tgt Ion:202 Resp: 12717
 Ion Ratio Lower Upper
 202 100
 101 6.3 4.6 6.8
 100 4.6 3.0 4.6





#20
Pyrene
Concen: 0.292 ng/ul m
RT: 19.332 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM046612.D
Acq: 16 Jul 2024 01:00

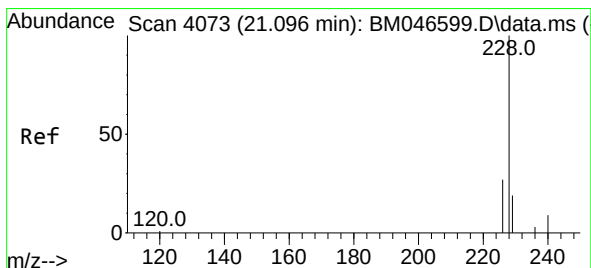
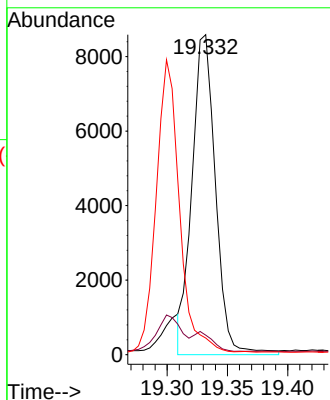
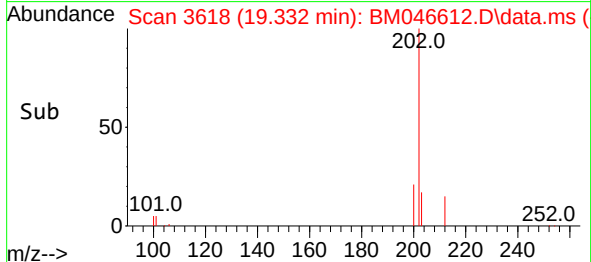
Instrument :
BNA_M
ClientSampleId :
A4CX8



Tgt Ion:202 Resp: 1168
Ion Ratio Lower Upper
202 100
101 6.1 5.1 7.7
100 5.2 3.8 5.6

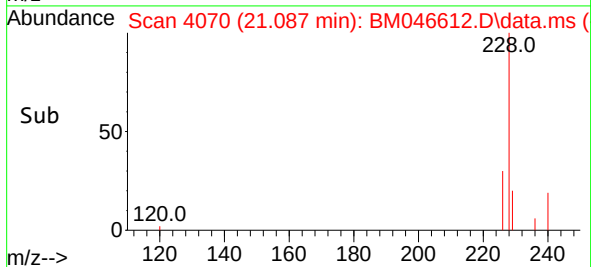
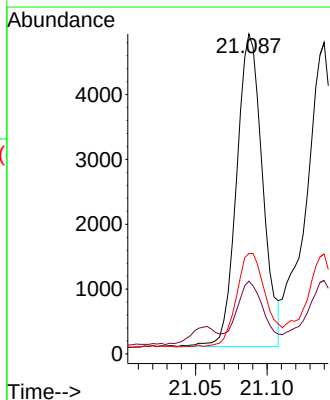
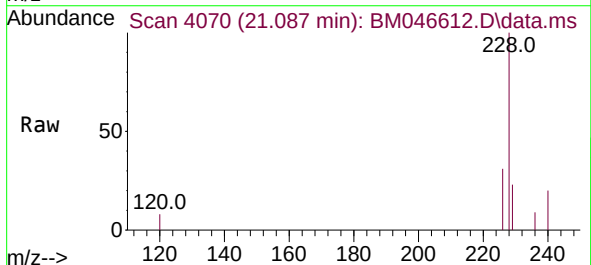
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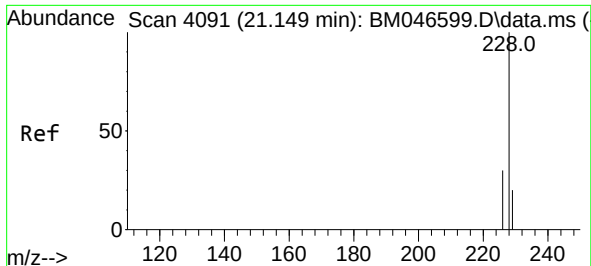
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#21
Benzo(a)anthracene
Concen: 0.153 ng/ul
RT: 21.087 min Scan# 4070
Delta R.T. -0.000 min
Lab File: BM046612.D
Acq: 16 Jul 2024 01:00

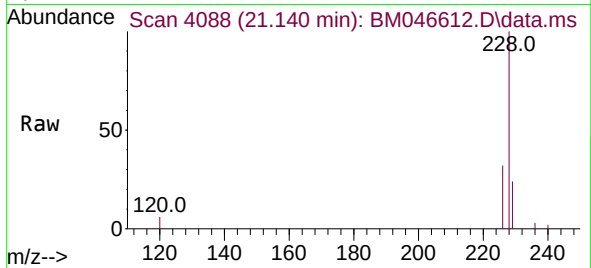
Tgt Ion:228 Resp: 6081
Ion Ratio Lower Upper
228 100
229 22.8 16.5 24.7
226 31.5 22.5 33.7





#22
Chrysene
Concen: 0.172 ng/ul
RT: 21.140 min Scan# 4091
Delta R.T. -0.000 min
Lab File: BM046612.D
Acq: 16 Jul 2024 01:00

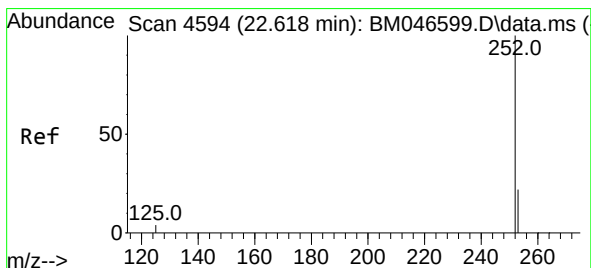
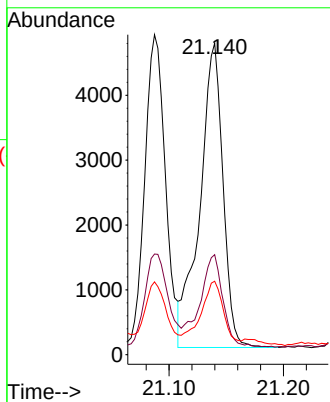
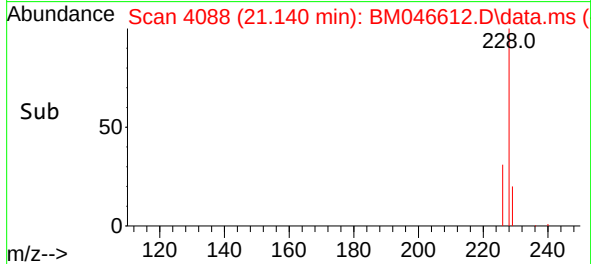
Instrument :
BNA_M
ClientSampleId :
A4CX8



Tgt Ion:228 Resp: 660
Ion Ratio Lower Upper
228 100
226 32.1 24.3 36.5
229 23.6 16.4 24.6

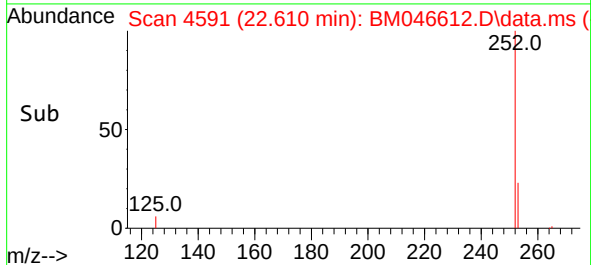
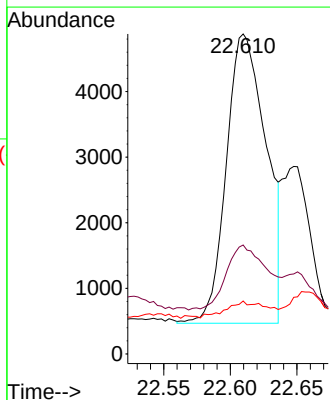
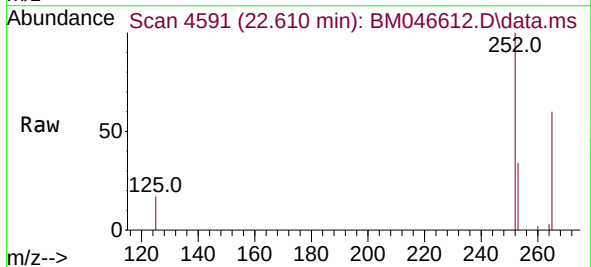
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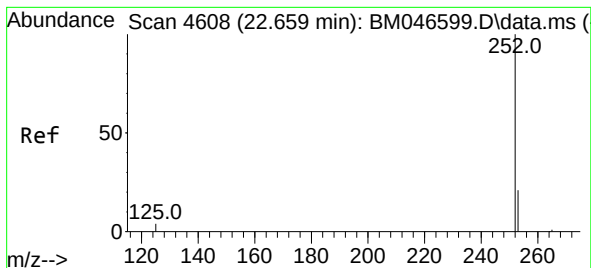
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#24
Benzo(b)fluoranthene
Concen: 0.230 ng/ul m
RT: 22.610 min Scan# 4591
Delta R.T. -0.000 min
Lab File: BM046612.D
Acq: 16 Jul 2024 01:00

Tgt Ion:252 Resp: 9165
Ion Ratio Lower Upper
252 100
253 34.0 0.0 56.2
125 16.6 0.0 17.8





#25

Benzo(k)fluoranthene

Concen: 0.088 ng/ul m

RT: 22.648 min Scan# 4

Delta R.T. -0.003 min

Lab File: BM046612.D

Acq: 16 Jul 2024 01:00

Instrument :

BNM

ClientSampleId :

A4CX8

Tgt Ion:252 Resp: 3450

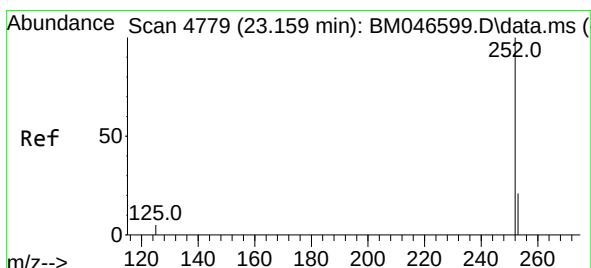
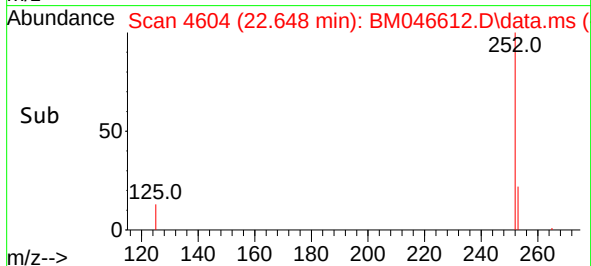
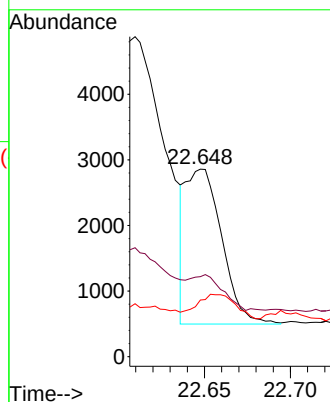
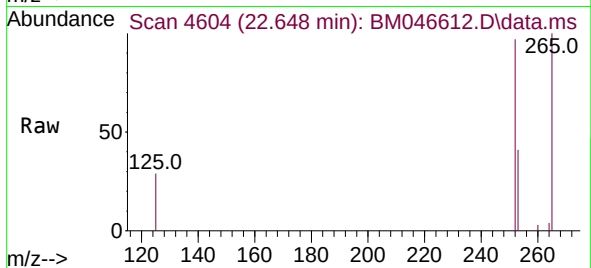
Ion	Ratio	Lower	Upper
252	100		
253	42.7	22.4	33.6
125	30.2	7.0	10.4

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#26

Benzo(a)pyrene

Concen: 0.177 ng/ul

RT: 23.150 min Scan# 4776

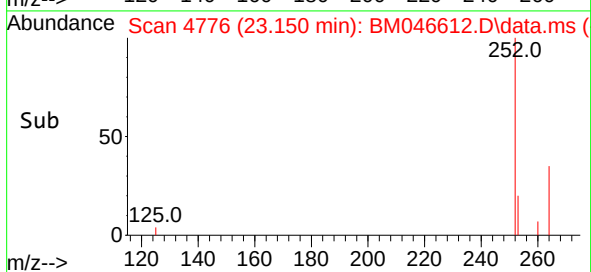
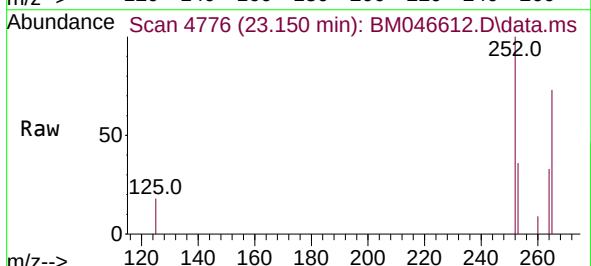
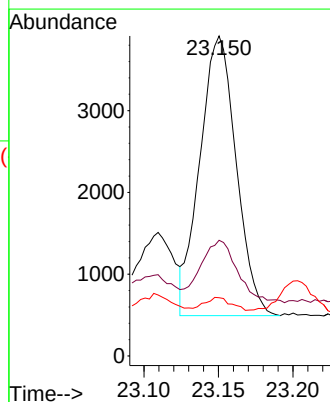
Delta R.T. -0.000 min

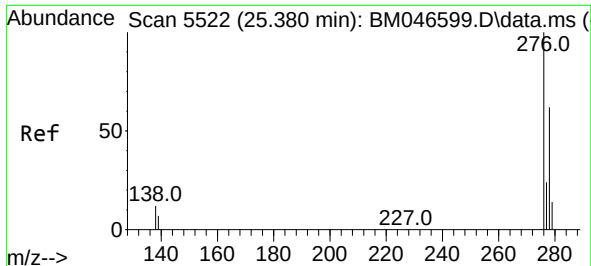
Lab File: BM046612.D

Acq: 16 Jul 2024 01:00

Tgt Ion:252 Resp: 5790

Ion	Ratio	Lower	Upper
252	100		
253	36.1	24.0	36.0#
125	18.2	8.2	12.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.099 ng/ul

RT: 25.360 min Scan# 5516

Delta R.T. -0.000 min

Lab File: BM046612.D

Acq: 16 Jul 2024 01:00

Instrument :

BNA_M

ClientSampleId :

A4CX8

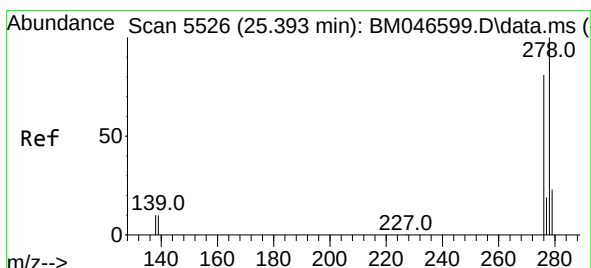
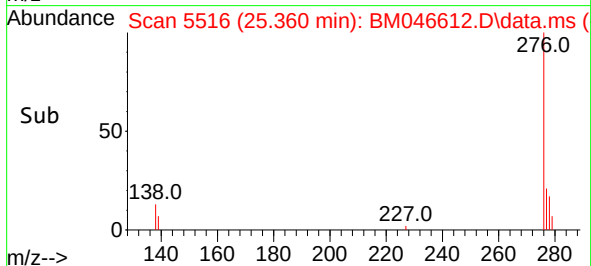
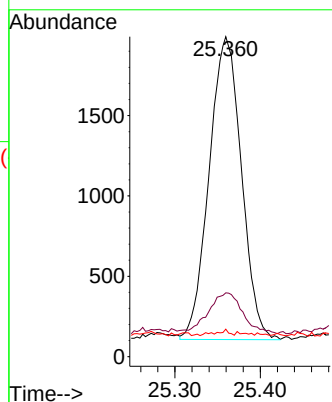
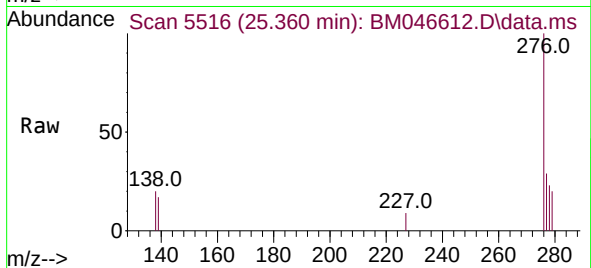
Tgt Ion:	276	Resp:	495
Ion Ratio	Lower	Upper	
276	100		
138	14.1	0.0	0.0
227	0.4	0.2	0.2

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.032 ng/ul

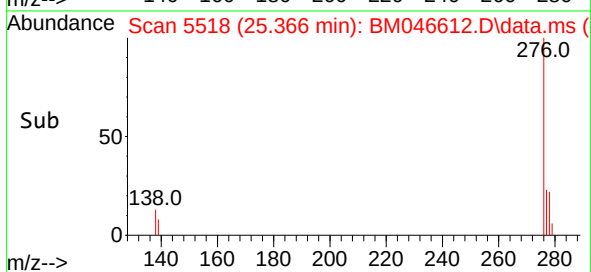
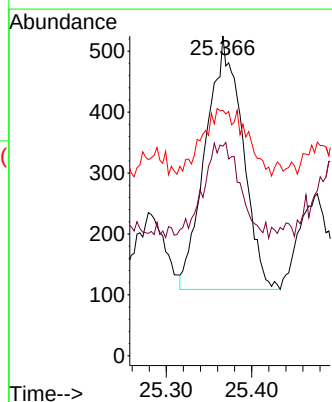
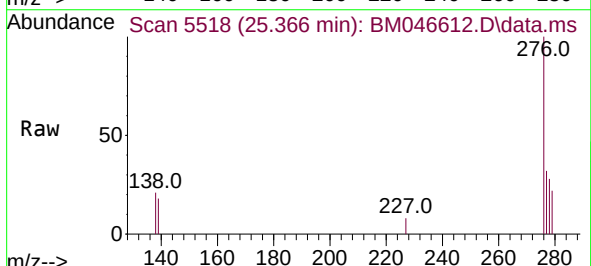
RT: 25.366 min Scan# 5518

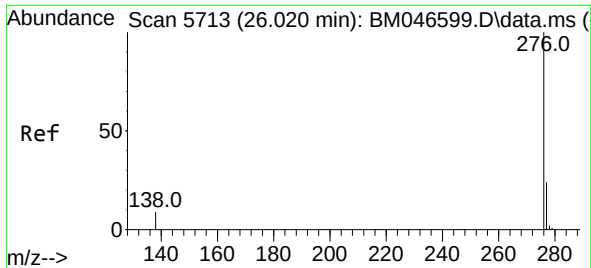
Delta R.T. -0.017 min

Lab File: BM046612.D

Acq: 16 Jul 2024 01:00

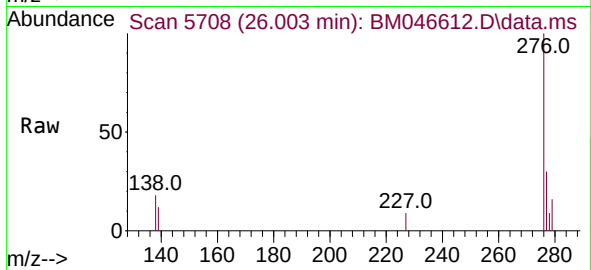
Tgt Ion:	278	Resp:	1245
Ion Ratio	Lower	Upper	
278	100		
139	65.5	9.1	13.7#
279	76.8	23.2	34.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.123 ng/ul
 RT: 26.003 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BM046612.D
 Acq: 16 Jul 2024 01:00

Instrument :
 BNA_M
 ClientSampleId :
 A4CX8



Tgt Ion:276 Resp: 490
 Ion Ratio Lower Upper
 276 100
 138 18.5 10.2 15.4
 277 29.5 20.9 31.3

Manual Integrations
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 Supervised By :mohammad ahmed 07/18/2024

