

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046800.D
 Acq On : 25 Jul 2024 15:19
 Operator : MA/JU
 Sample : P3263-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CH2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 25 15:52:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	4211	0.400	ng/ul	0.00
4) Naphthalene-d8	10.233	136	12489	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	8001	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	17548	0.400	ng/ul	0.00
17) Chrysene-d12	21.081	240	9273	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	7240m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	8243	2.796	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	4381	0.221	ng/ul	0.00
18) Fluoranthene-d10	18.909	212	9341	0.309	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.836	152	989	0.027	ng/ul#	73
15) Phenanthrene	16.913	178	5328	0.106	ng/ul	97
19) Fluoranthene	18.942	202	9381	0.230	ng/ul#	96
20) Pyrene	19.309	202	7827m	0.186	ng/ul	
21) Benzo(a)anthracene	21.064	228	3134	0.081	ng/ul#	76
22) Chrysene	21.116	228	4094	0.104	ng/ul#	84
24) Benzo(b)fluoranthene	22.580	252	4791m	0.151	ng/ul	
25) Benzo(k)fluoranthene	22.618	252	1573m	0.049	ng/ul	
26) Benzo(a)pyrene	23.115	252	2731	0.120	ng/ul#	46
27) Indeno(1,2,3-cd)pyrene	25.313	276	2779	0.079	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.323	278	887	0.035	ng/ul#	1
29) Benzo(g,h,i)perylene	25.953	276	2421	0.078	ng/ul#	63

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

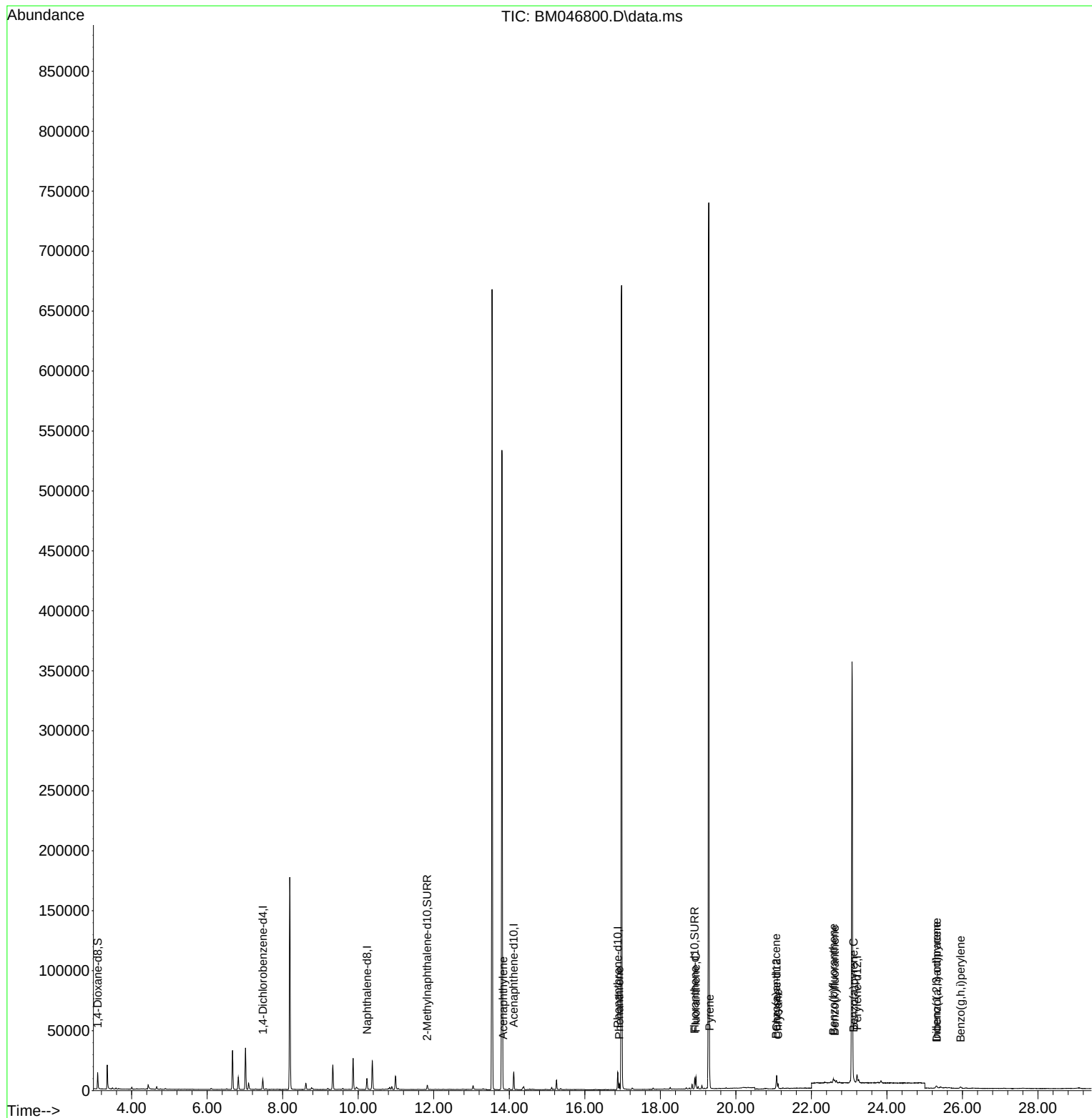
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046800.D
Acq On : 25 Jul 2024 15:19
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

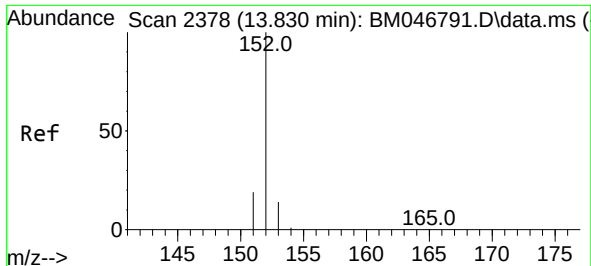
Instrument :
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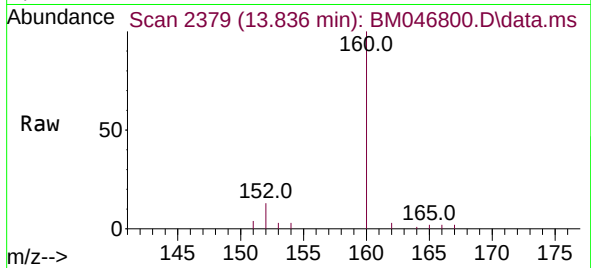
Quant Time: Jul 25 15:52:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 13.836 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM046800.D
Acq: 25 Jul 2024 15:19

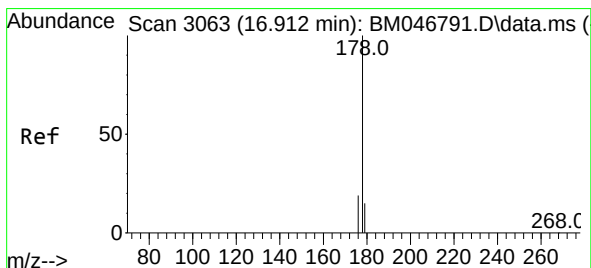
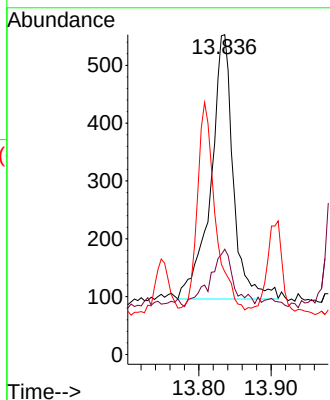
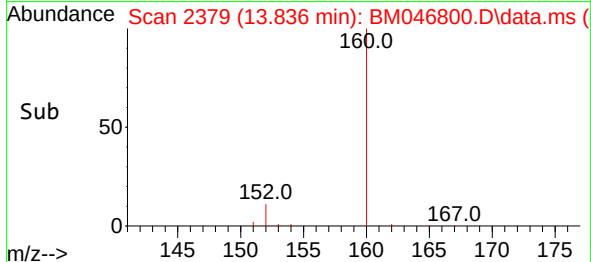
Instrument :
BNA_M
ClientSampleId :
A4CH2



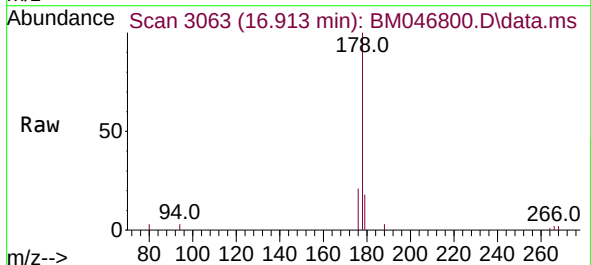
Tgt Ion:152 Resp: 989
Ion Ratio Lower Upper
152 100
151 32.9 16.8 25.2
153 25.9 11.0 16.6

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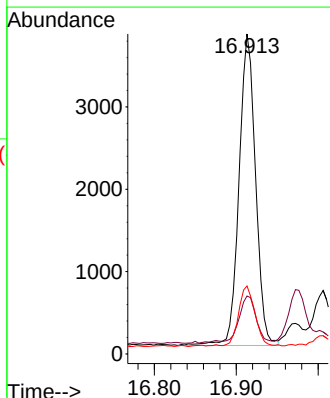
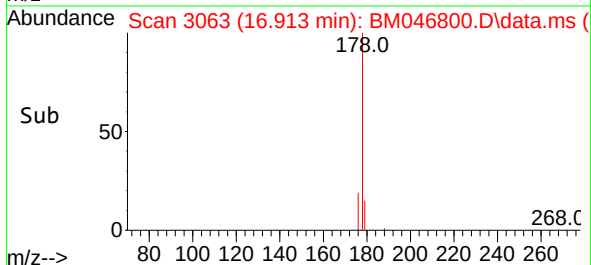
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

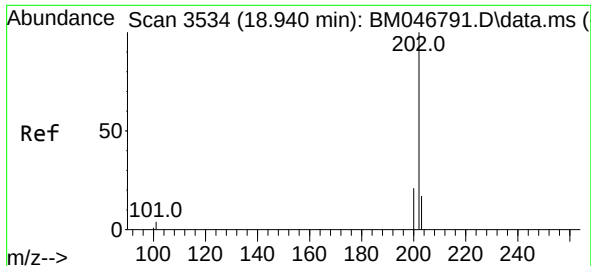


#15
Phenanthrene
Concen: 0.106 ng/ul
RT: 16.913 min Scan# 3063
Delta R.T. -0.000 min
Lab File: BM046800.D
Acq: 25 Jul 2024 15:19



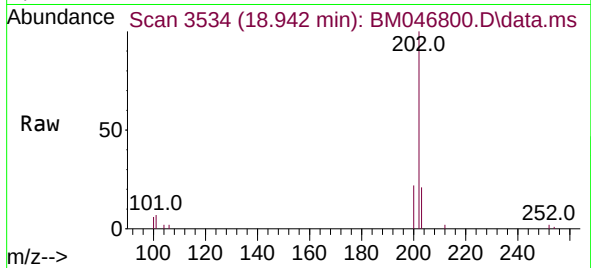
Tgt Ion:178 Resp: 5328
Ion Ratio Lower Upper
178 100
179 18.1 13.4 20.2
176 21.2 16.1 24.1





#19
Fluoranthene
Concen: 0.230 ng/ul
RT: 18.942 min Scan# 3534
Delta R.T. -0.000 min
Lab File: BM046800.D
Acq: 25 Jul 2024 15:19

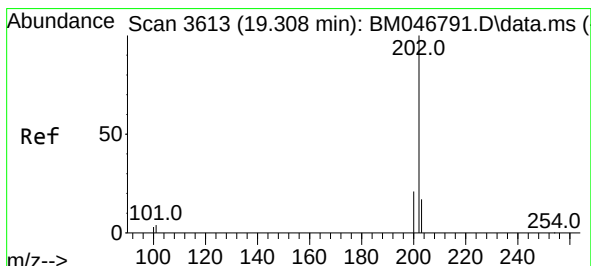
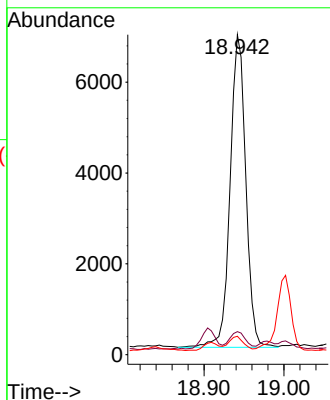
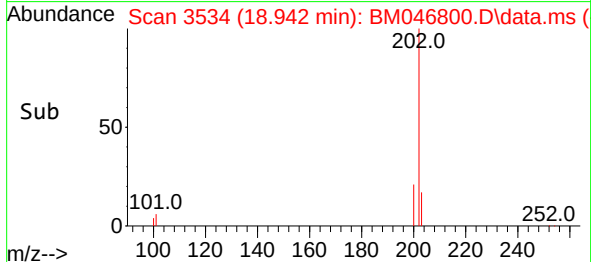
Instrument :
BNA_M
ClientSampleId :
A4CH2



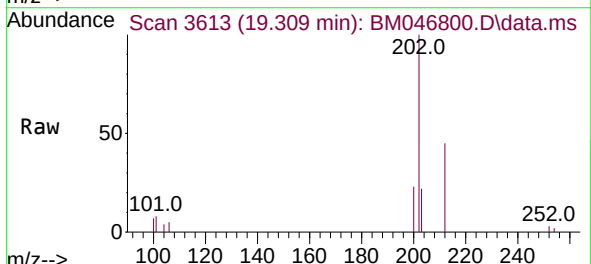
Tgt Ion:202 Resp: 938
Ion Ratio Lower Upper
202 100
101 7.2 4.7 7.1#
100 5.8 3.4 5.2#

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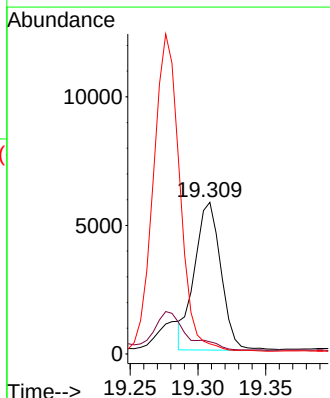
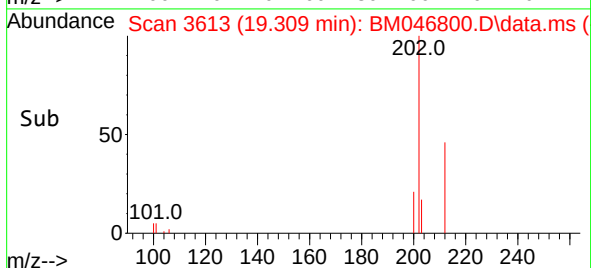
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

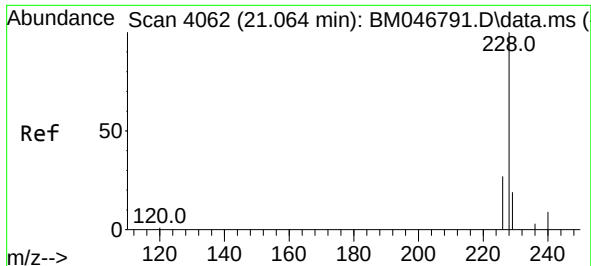


#20
Pyrene
Concen: 0.186 ng/ul m
RT: 19.309 min Scan# 3613
Delta R.T. 0.005 min
Lab File: BM046800.D
Acq: 25 Jul 2024 15:19



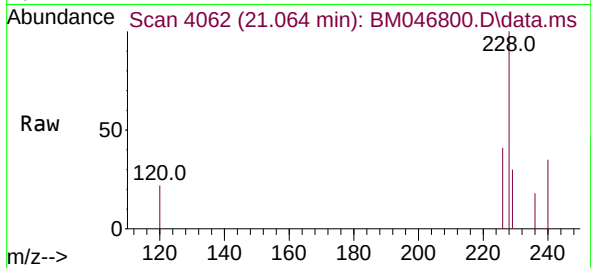
Tgt Ion:202 Resp: 7827
Ion Ratio Lower Upper
202 100
101 8.0 5.2 7.8#
100 6.6 4.3 6.5#





#21
Benzo(a)anthracene
Concen: 0.081 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. -0.000 min
Lab File: BM046800.D
Acq: 25 Jul 2024 15:19

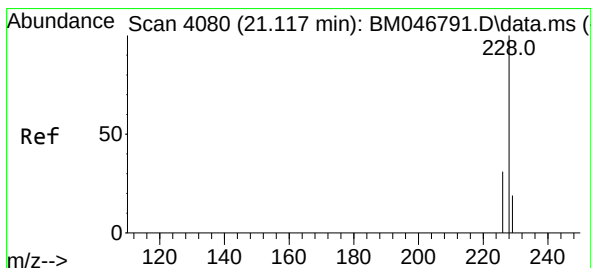
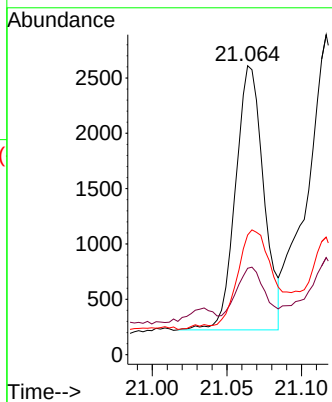
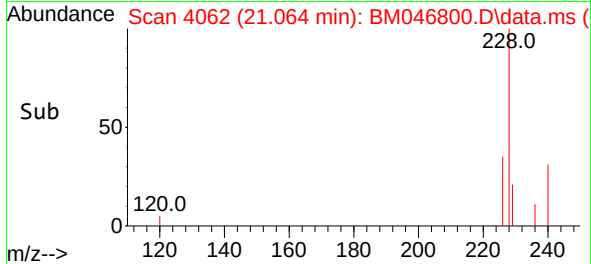
Instrument :
BNA_M
ClientSampleId :
A4CH2



Tgt Ion:228 Resp: 3134
Ion Ratio Lower Upper
228 100
229 29.9 16.3 24.5#
226 41.4 22.3 33.5#

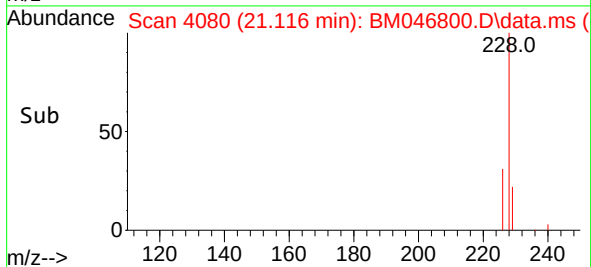
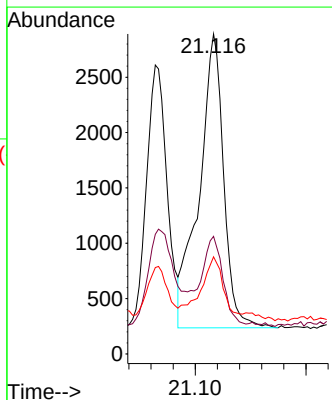
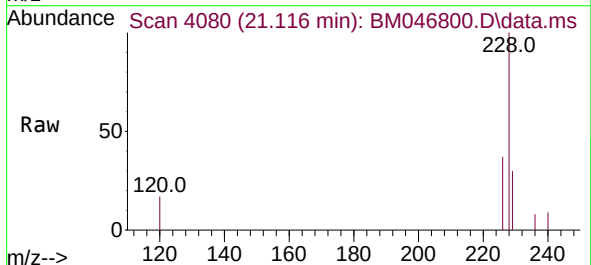
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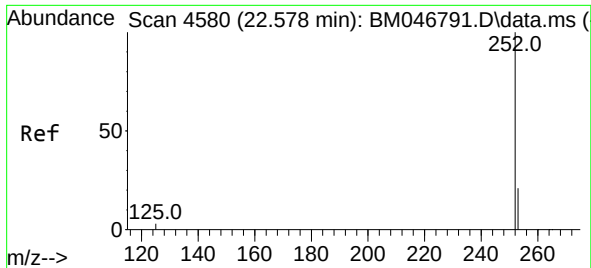
Reviewed By :Jagrut Upadhyay 07/26/2024
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#22
Chrysene
Concen: 0.104 ng/ul
RT: 21.116 min Scan# 4080
Delta R.T. -0.000 min
Lab File: BM046800.D
Acq: 25 Jul 2024 15:19

Tgt Ion:228 Resp: 4094
Ion Ratio Lower Upper
228 100
226 36.8 24.5 36.7#
229 30.4 16.2 24.2#





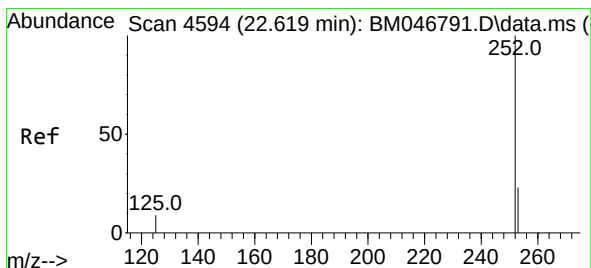
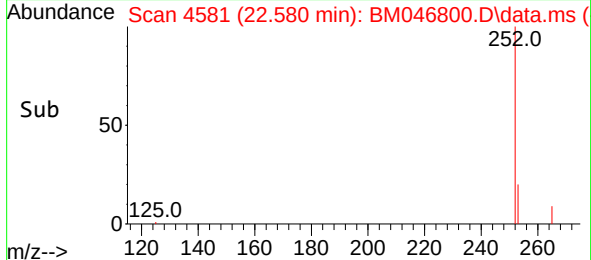
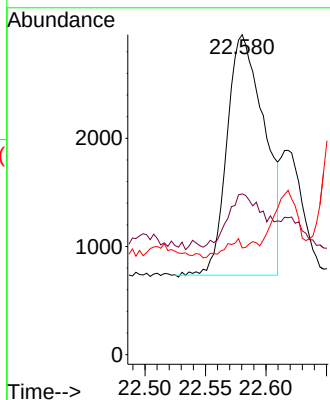
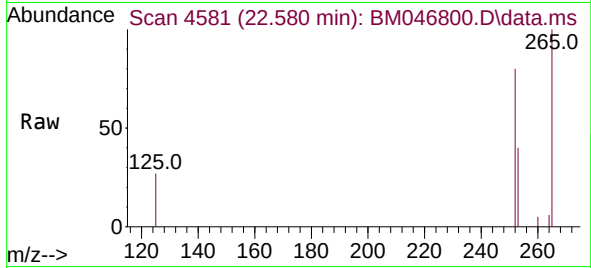
#24
Benzo(b)fluoranthene
Concen: 0.151 ng/ul m
RT: 22.580 min Scan# 4580
Delta R.T. -0.000 min
Lab File: BM046800.D
Acq: 25 Jul 2024 15:19

Instrument :
BNA_M
ClientSampleId :
A4CH2

Tgt Ion:252 Resp: 479
Ion Ratio Lower Upper
252 100
253 50.3 0.0 56.4
125 33.4 0.0 15.8

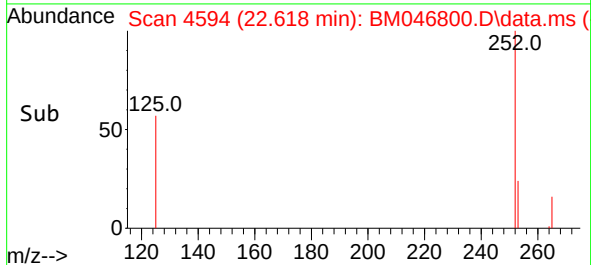
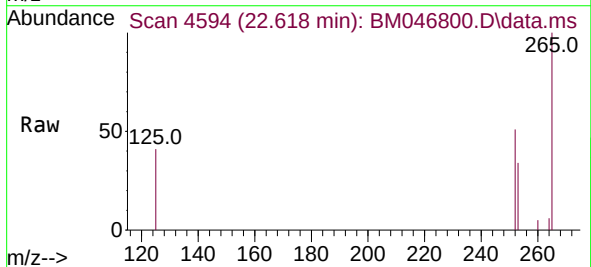
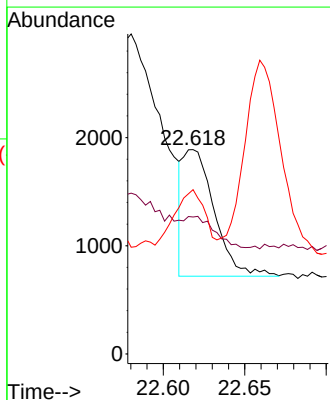
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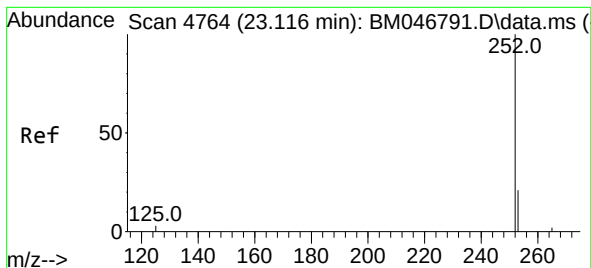
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.049 ng/ul m
RT: 22.618 min Scan# 4594
Delta R.T. -0.003 min
Lab File: BM046800.D
Acq: 25 Jul 2024 15:19

Tgt Ion:252 Resp: 1573
Ion Ratio Lower Upper
252 100
253 67.1 23.5 35.3#
125 80.5 8.6 13.0#





#26

Benzo(a)pyrene

Concen: 0.120 ng/ul

RT: 23.115 min Scan# 4764

Delta R.T. -0.003 min

Lab File: BM046800.D

Acq: 25 Jul 2024 15:19

Instrument :

BNM

ClientSampleId :

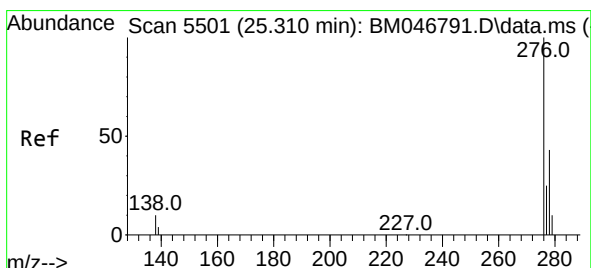
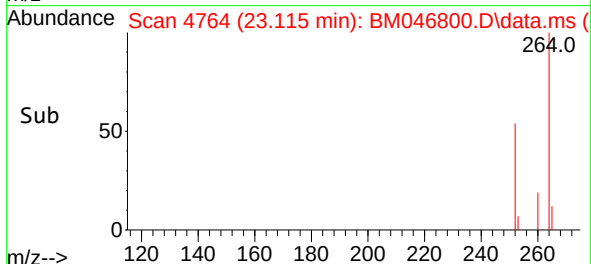
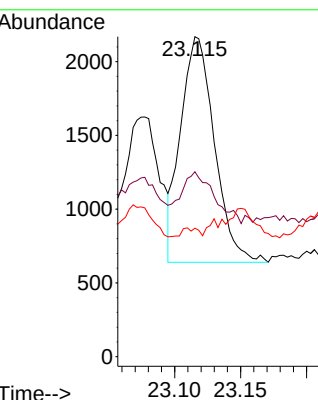
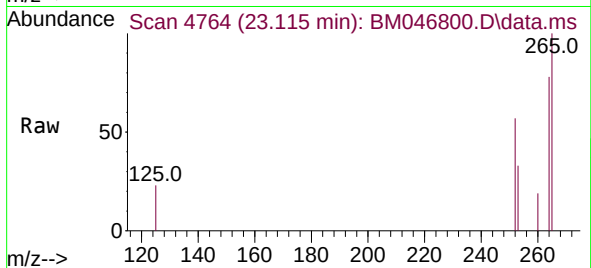
A4CH2

Tgt Ion:	252	Resp:	273
Ion Ratio	Lower	Upper	
252	100		
253	57.8	26.0	39.0
125	40.2	7.8	11.8

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.079 ng/ul

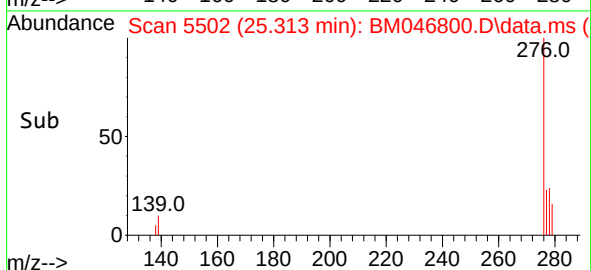
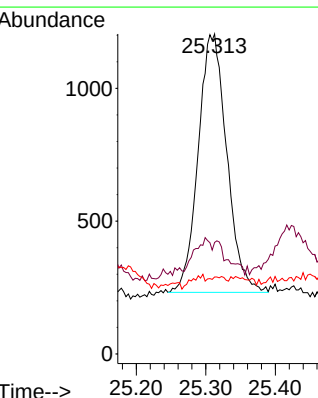
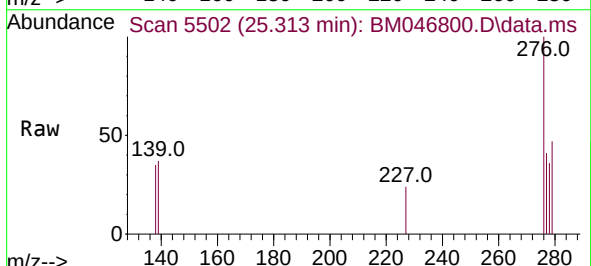
RT: 25.313 min Scan# 5502

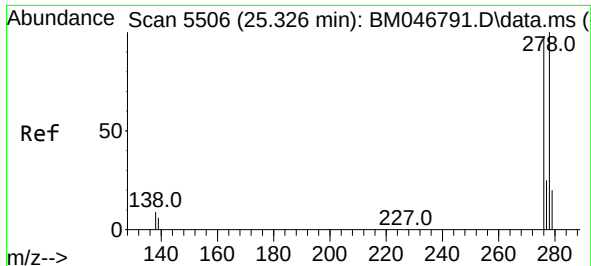
Delta R.T. -0.003 min

Lab File: BM046800.D

Acq: 25 Jul 2024 15:19

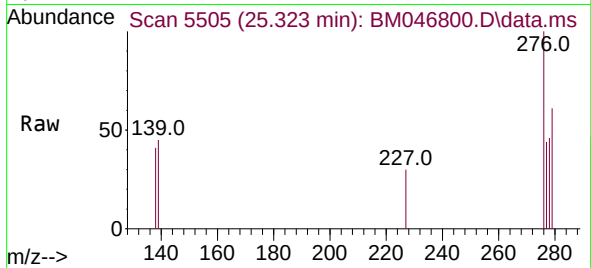
Tgt Ion:	276	Resp:	2779
Ion Ratio	Lower	Upper	
276	100		
138	7.2	9.7	14.5
227	3.4	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 25.323 min Scan# 5506
Delta R.T. -0.010 min
Lab File: BM046800.D
Acq: 25 Jul 2024 15:19

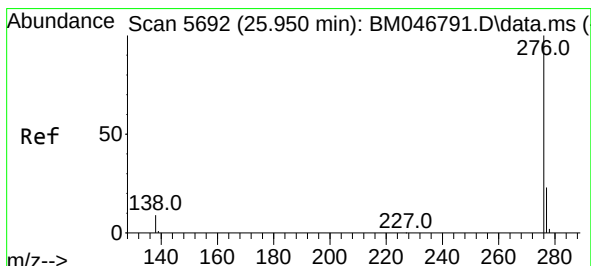
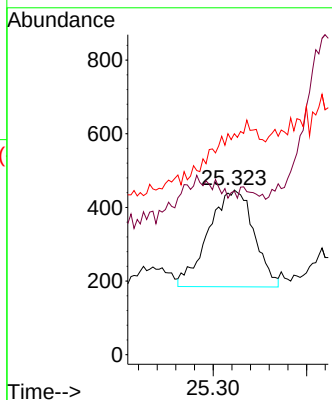
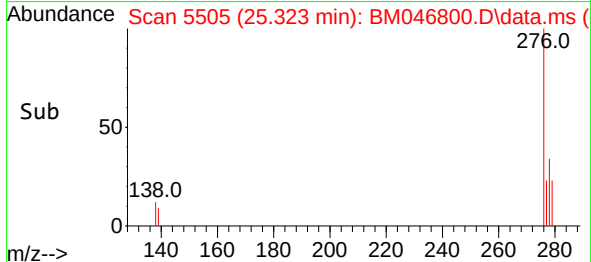
Instrument :
BNA_M
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A4CH2



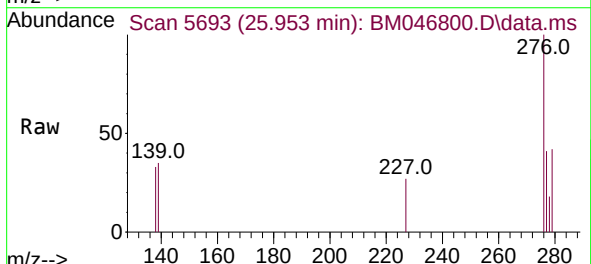
Tgt Ion:278 Resp: 88
Ion Ratio Lower Upper
278 100
139 99.3 9.8 14.8
279 134.2 25.2 37.8

Manual Integrations
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Supervised By :mohammad ahmed 07/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.078 ng/ul
RT: 25.953 min Scan# 5693
Delta R.T. -0.000 min
Lab File: BM046800.D
Acq: 25 Jul 2024 15:19



Tgt Ion:276 Resp: 2421
Ion Ratio Lower Upper
276 100
138 33.5 9.5 14.3#
277 40.6 20.9 31.3#

