

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041617.D
 Acq On : 31 Aug 2023 15:38
 Operator : MA/JU
 Sample : 04154-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Sep 01 02:09:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 30 01:50:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	6373	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	15513	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.745	164	6788	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.497	188	13575	0.400	ng/ul	0.00
17) Chrysene-d12	21.682	240	5248	0.400	ng/ul	0.00
23) Perylene-d12	24.243	264	6374	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	37810	4.020	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	5369	0.287	ng/ul	-0.01
18) Fluoranthene-d10	19.515	212	8324	0.322	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.999	128	9159042	184.666	ng/ul	99
7) 2-Methylnaphthalene	12.588	142	78093	2.776	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	1034345	36.383	ng/ul	100
10) Acenaphthylene	14.476	152	86727	1.833	ng/ul	99
11) Acenaphthene	14.809	153	1893436	58.015	ng/ul	97
12) Fluorene	15.795	166	1045704	29.436	ng/ul	97
14) Pentachlorophenol	17.122	266	10429	1.999	ng/ul	99
15) Phenanthrene	17.540	178	873942	14.744	ng/ul	99
16) Anthracene	17.633	178	73739	1.432	ng/ul	99
19) Fluoranthene	19.547	202	75055	1.090	ng/ul	100
20) Pyrene	19.915	202	33830m	0.489	ng/ul	

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

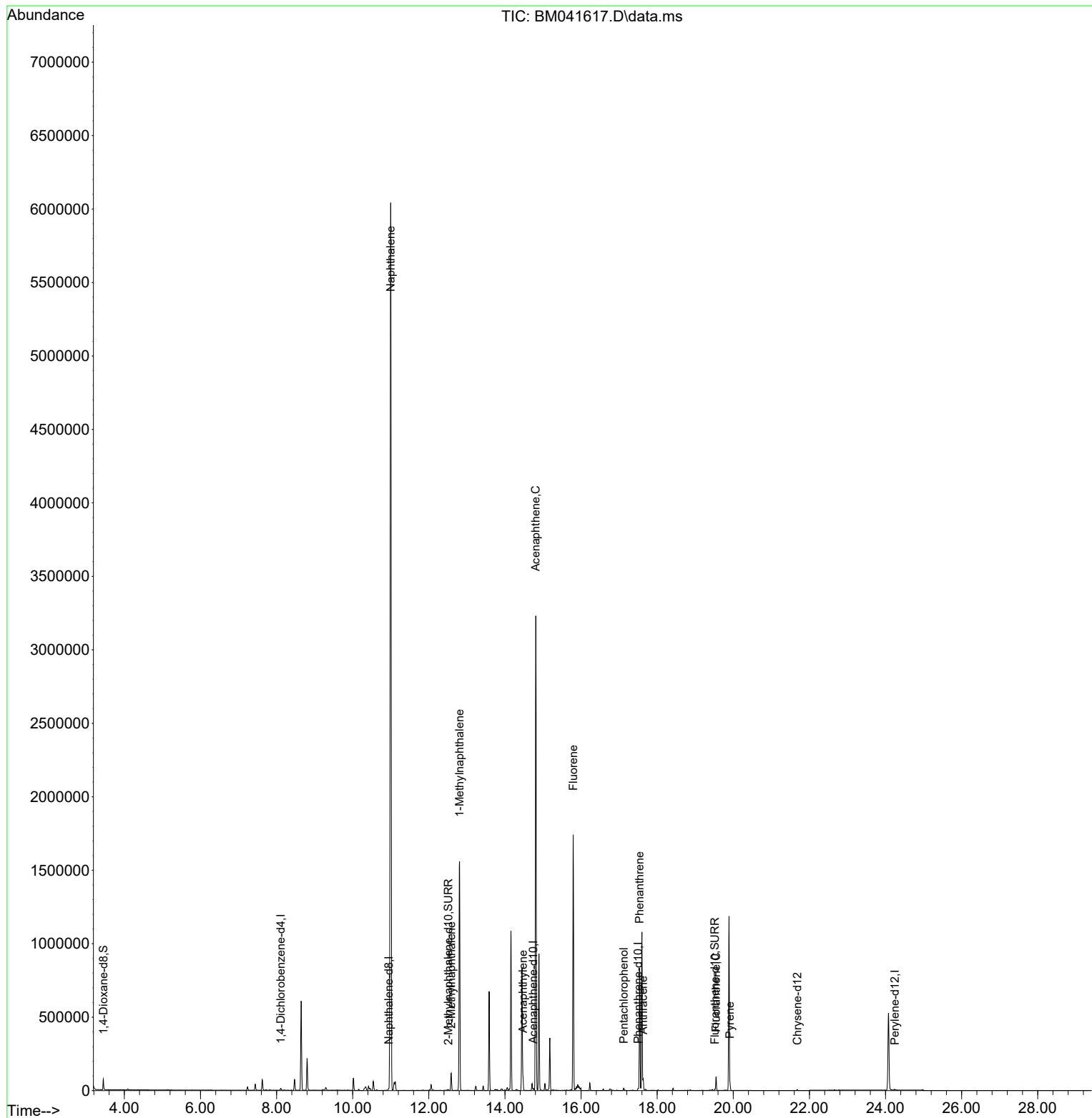
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
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ALS Vial : 47 Sample Multiplier: 1

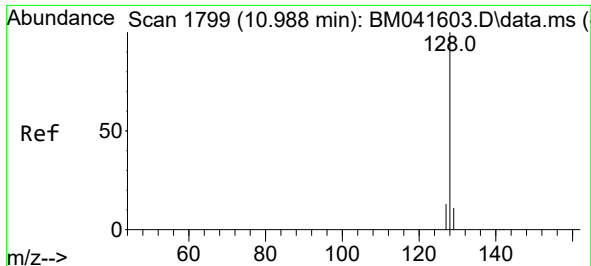
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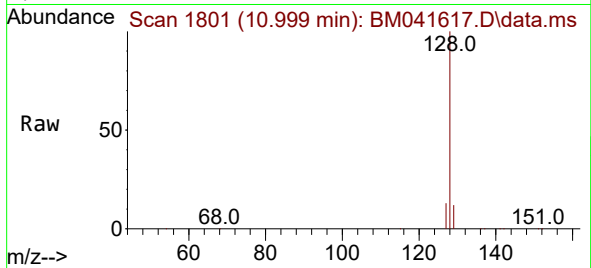
Quant Time: Sep 01 02:09:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 184.666 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

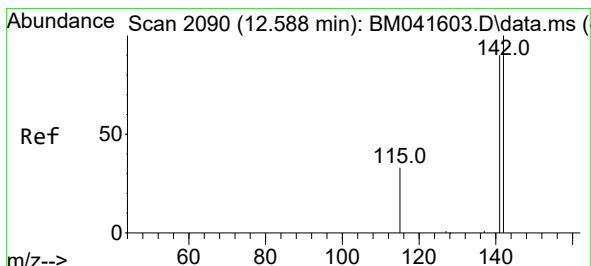
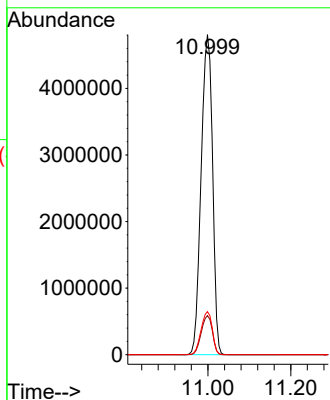
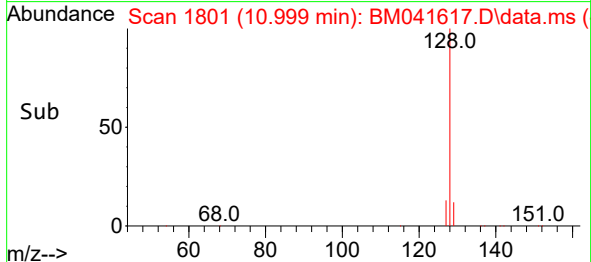
Instrument :
BNA_M
ClientSampleId :
C0AG8



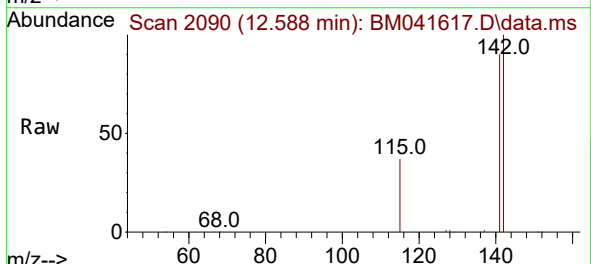
Tgt Ion:128 Resp: 915904
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.5 10.6 15.8

Manual Integrations
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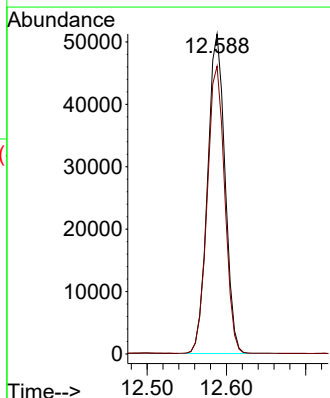
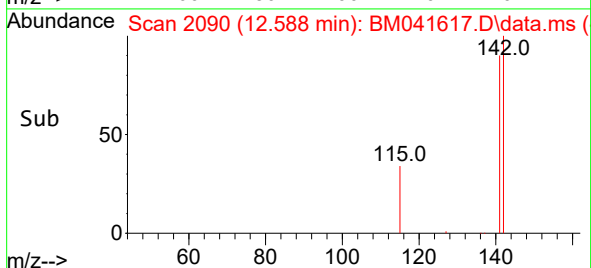
Reviewed By :Yogesh Patel 09/01/2023
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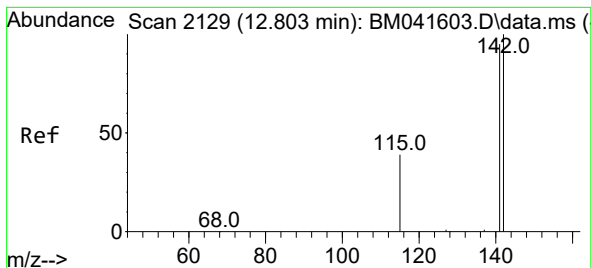


#7
2-Methylnaphthalene
Concen: 2.776 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38



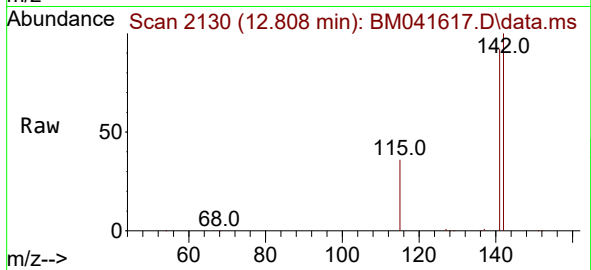
Tgt Ion:142 Resp: 78093
Ion Ratio Lower Upper
142 100
141 90.1 71.8 107.8





#8
1-Methylnaphthalene
Concen: 36.383 ng/ul
RT: 12.808 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

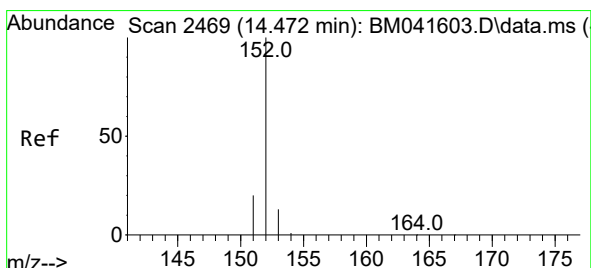
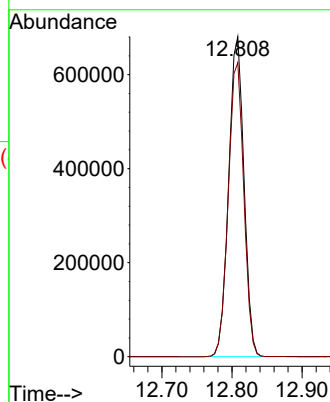
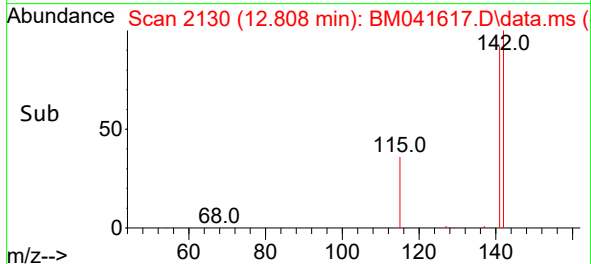
Instrument :
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Tgt Ion:142 Resp: 103434
Ion Ratio Lower Upper
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141 93.1 74.2 111.2

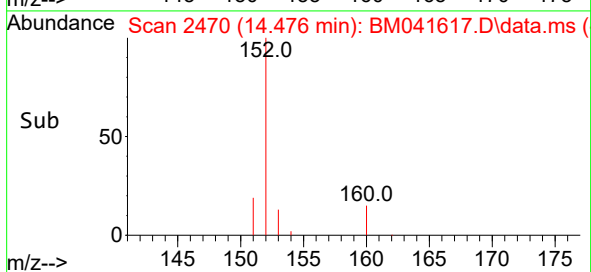
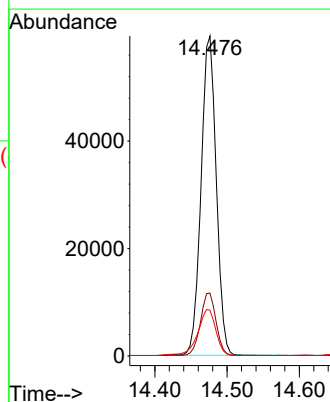
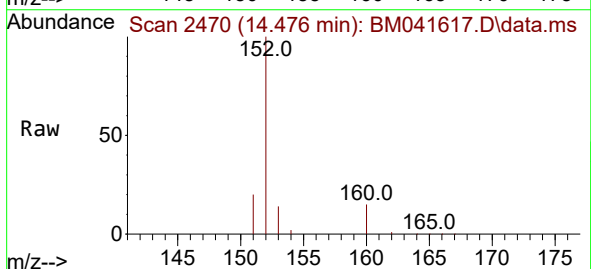
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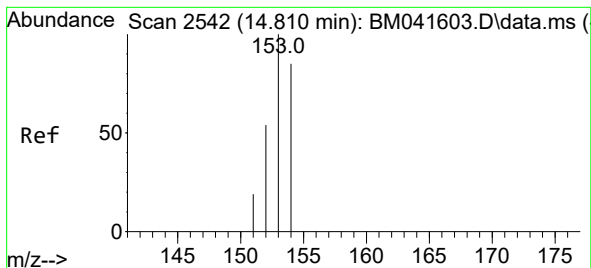
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#10
Acenaphthylene
Concen: 1.833 ng/ul
RT: 14.476 min Scan# 2470
Delta R.T. -0.005 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

Tgt Ion:152 Resp: 86727
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 14.3 10.6 15.8





#11

Acenaphthene

Concen: 58.015 ng/ul

RT: 14.809 min Scan# 2542

Delta R.T. -0.009 min

Lab File: BM041617.D

Acq: 31 Aug 2023 15:38

Instrument :

BNA_M

ClientSampleId :

C0AG8

Tgt Ion:153 Resp: 1893430

Ion Ratio Lower Upper

153 100

152 50.7 43.4 65.2

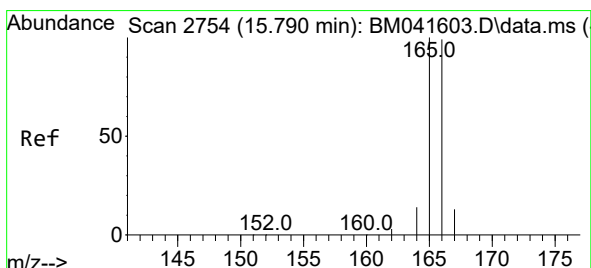
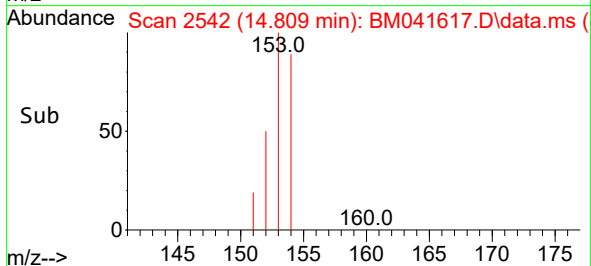
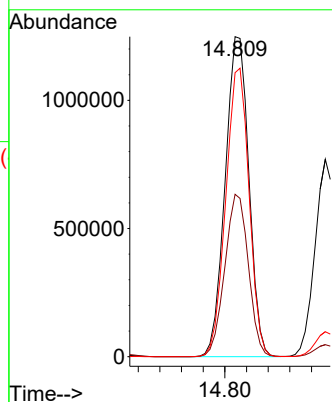
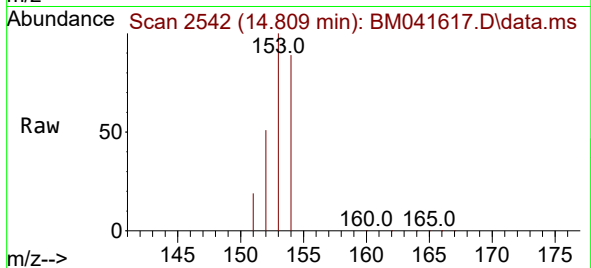
154 88.8 70.2 105.2

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#12

Fluorene

Concen: 29.436 ng/ul

RT: 15.795 min Scan# 2755

Delta R.T. -0.005 min

Lab File: BM041617.D

Acq: 31 Aug 2023 15:38

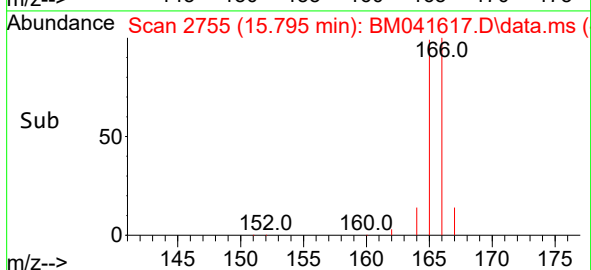
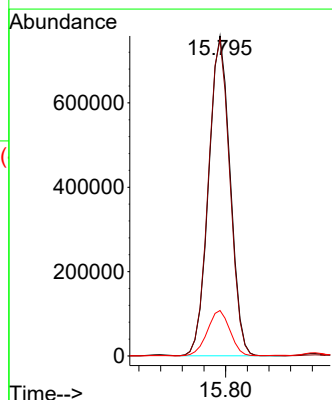
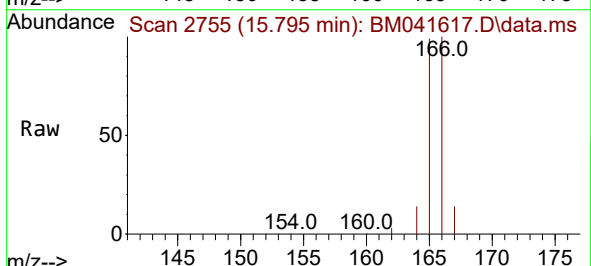
Tgt Ion:166 Resp: 1045704

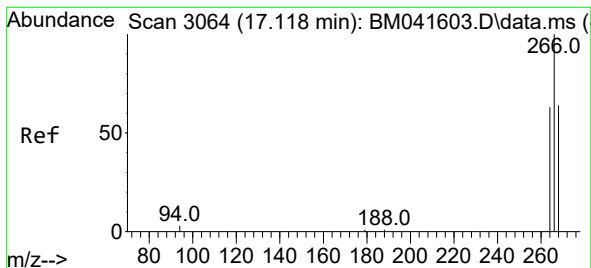
Ion Ratio Lower Upper

166 100

165 98.8 82.2 123.2

167 14.2 11.5 17.3





#14

Pentachlorophenol

Concen: 1.999 ng/ul

RT: 17.122 min Scan# 3064

Delta R.T. -0.004 min

Lab File: BM041617.D

Acq: 31 Aug 2023 15:38

Instrument :

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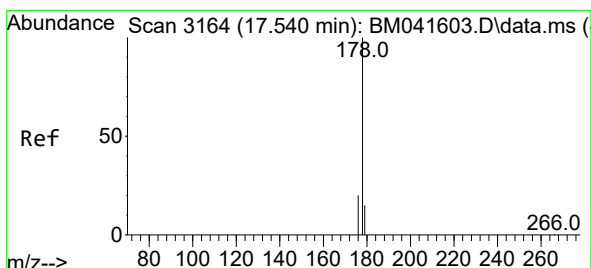
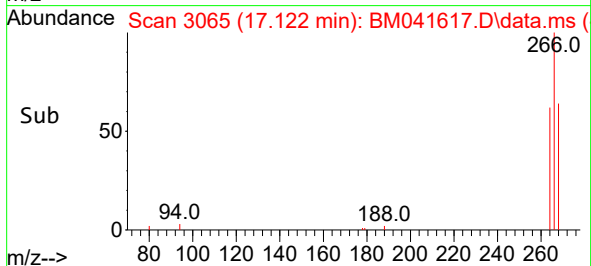
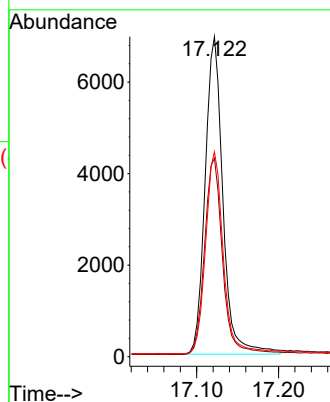
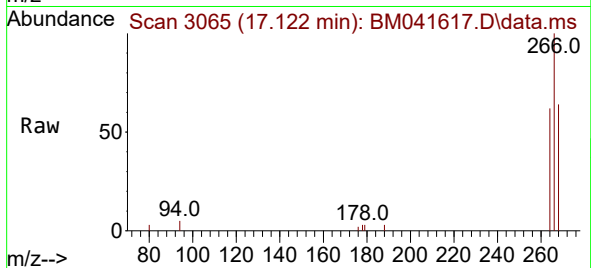
Tgt Ion:	266	Resp:	10429
Ion Ratio	Lower	Upper	
266	100		
264	62.8	49.3	73.9
268	63.6	50.2	75.4

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Supervised By :mohammad ahmed 09/01/2023



#15

Phenanthrene

Concen: 14.744 ng/ul

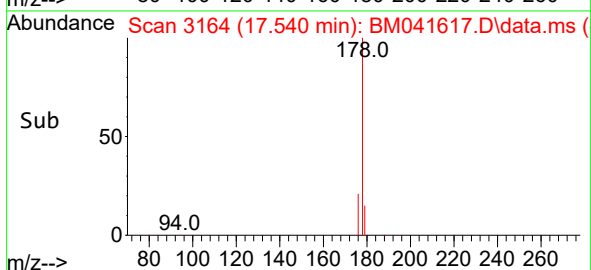
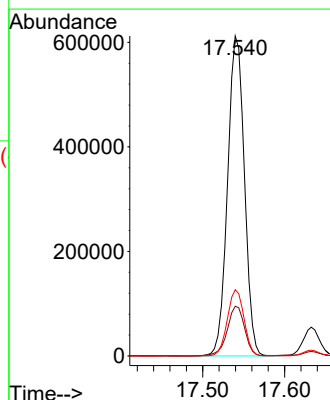
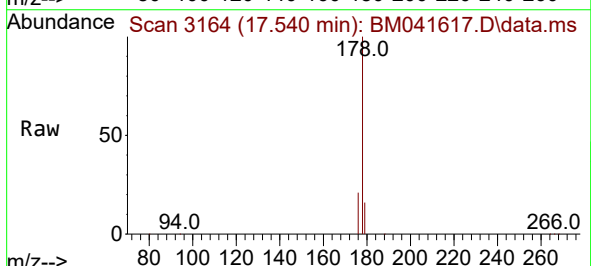
RT: 17.540 min Scan# 3164

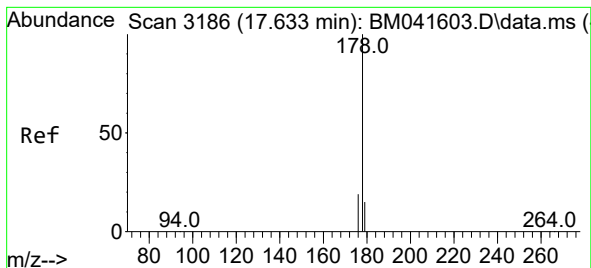
Delta R.T. -0.008 min

Lab File: BM041617.D

Acq: 31 Aug 2023 15:38

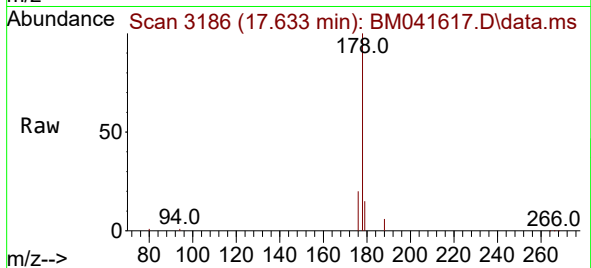
Tgt Ion:	178	Resp:	873942
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	19.0
176	20.7	16.2	24.4





#16
 Anthracene
 Concen: 1.432 ng/ul
 RT: 17.633 min Scan# 3186
 Delta R.T. -0.008 min
 Lab File: BM041617.D
 Acq: 31 Aug 2023 15:38

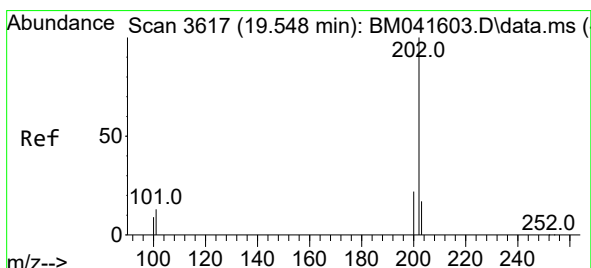
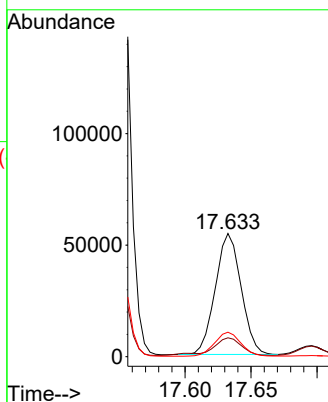
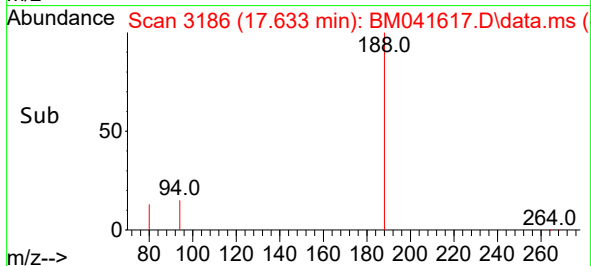
Instrument :
 BNA_M
 ClientSampleId :
 C0AG8



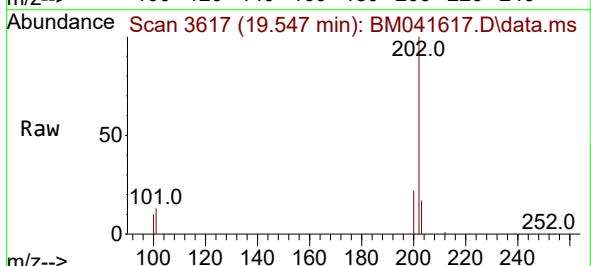
Tgt Ion:178 Resp: 73739
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.9 19.3
 176 19.9 15.6 23.4

Manual Integrations
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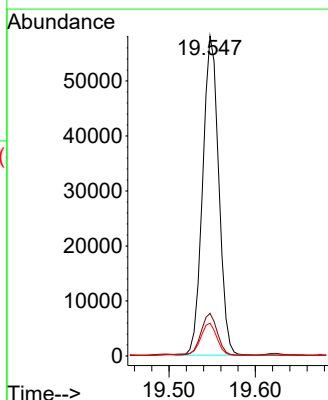
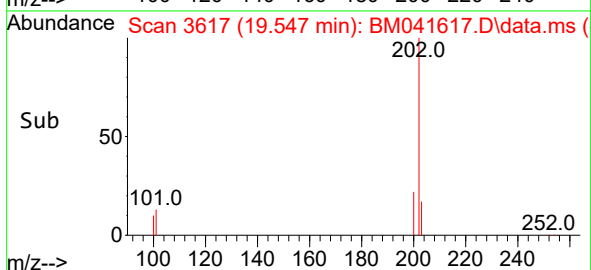
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 Supervised By :mohammad ahmed 09/01/2023

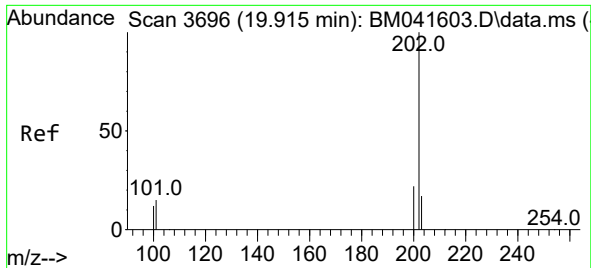


#19
 Fluoranthene
 Concen: 1.090 ng/ul
 RT: 19.547 min Scan# 3617
 Delta R.T. -0.009 min
 Lab File: BM041617.D
 Acq: 31 Aug 2023 15:38



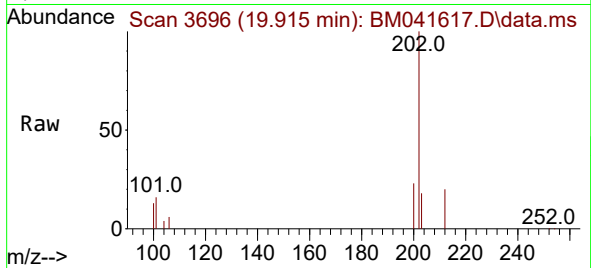
Tgt Ion:202 Resp: 75055
 Ion Ratio Lower Upper
 202 100
 101 13.3 10.7 16.1
 100 10.3 8.1 12.1





#20
Pyrene
Concen: 0.489 ng/ul m
RT: 19.915 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM041617.D
Acq: 31 Aug 2023 15:38

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 33830
Ion Ratio Lower Upper
202 100
101 15.7 12.2 18.4
100 13.1 9.8 14.8

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