

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100923\
 Data File : BM042234.D
 Acq On : 09 Oct 2023 21:22
 Operator : MA/JU
 Sample : 04607-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJQ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 10 00:01:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 23:59:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	3821	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	10633	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.689	164	5730m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.447	188	10736m	0.400	ng/ul	0.00
17) Chrysene-d12	21.632	240	4329	0.400	ng/ul	# 0.00
23) Perylene-d12	24.131	264	4513	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	24383	4.792	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	3858	0.265	ng/ul	0.00
18) Fluoranthene-d10	19.468	212	6137	0.378	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	1124	0.212	ng/ul#	88
5) Naphthalene	10.927	128	28792	0.812	ng/ul#	94
7) 2-Methylnaphthalene	12.528	142	1680	0.079	ng/ul	93
8) 1-Methylnaphthalene	12.748	142	7881	0.368	ng/ul	98
11) Acenaphthene	14.758	153	1098	0.040	ng/ul#	57
12) Fluorene	15.739	166	2079m	0.067	ng/ul	
15) Phenanthrene	17.485	178	3876	0.088	ng/ul#	86
19) Fluoranthene	19.496	202	2306	0.070	ng/ul#	77
20) Pyrene	19.863	202	2003	0.057	ng/ul#	65
21) Benzo(a)anthracene	21.612	228	799	0.029	ng/ul#	63
22) Chrysene	21.670	228	660	0.024	ng/ul#	58

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

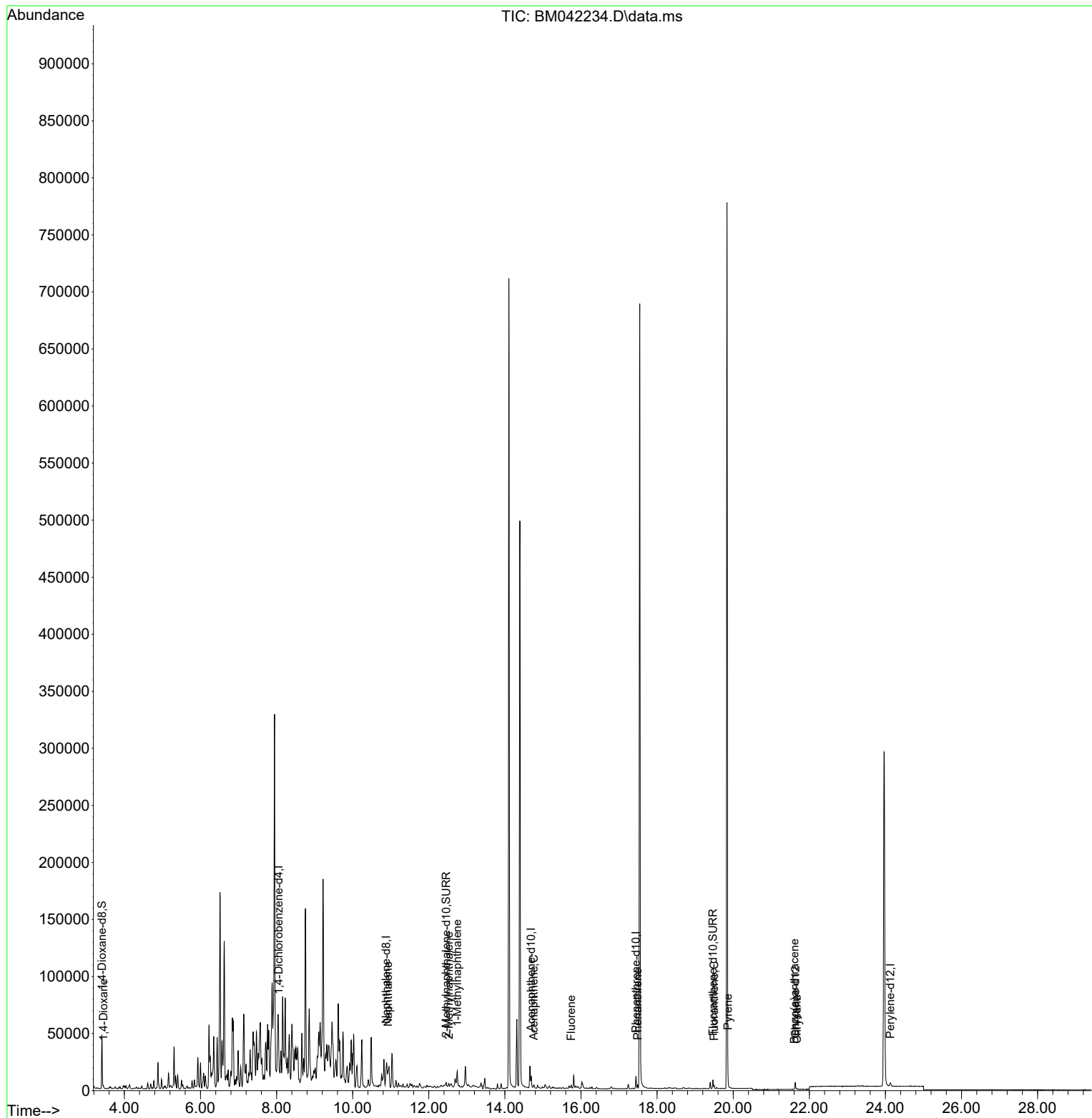
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100923\
Data File : BM042234.D
Acq On : 09 Oct 2023 21:22
Operator : MA/JU
Sample : 04607-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

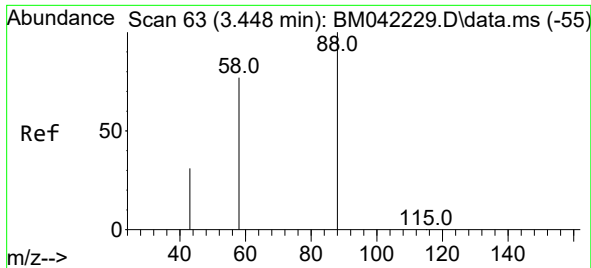
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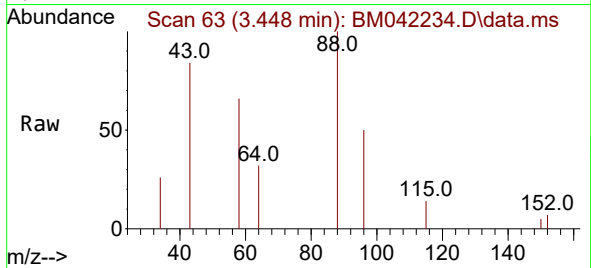
Quant Time: Oct 10 00:01:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 23:59:28 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.212 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042234.D
Acq: 09 Oct 2023 21:22

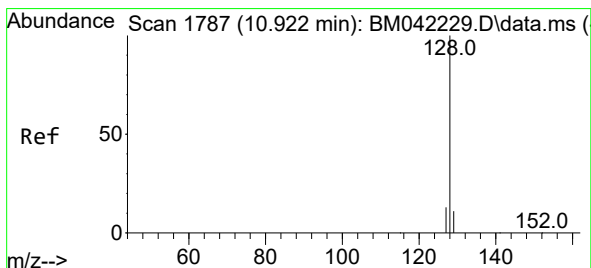
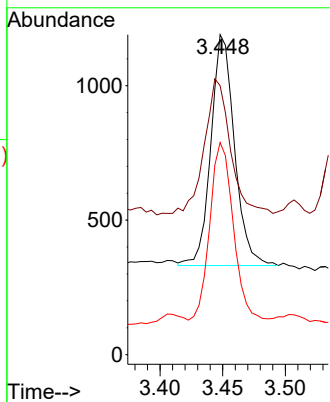
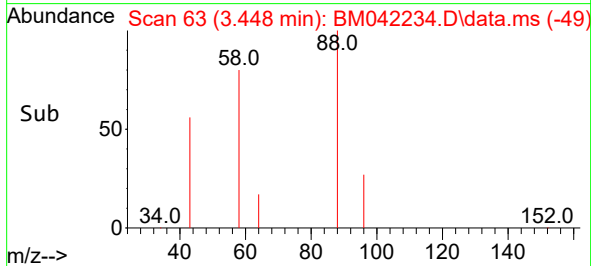
Instrument :
BNA_M
ClientSampleId :
BBJQ2



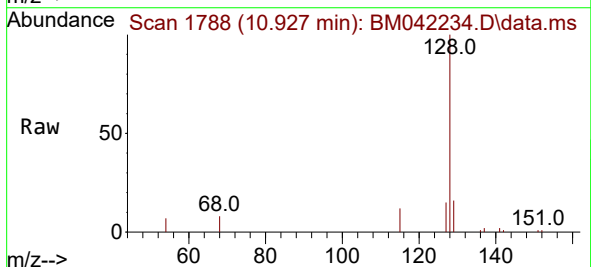
Tgt Ion: 88 Resp: 1124
Ion Ratio Lower Upper
88 100
43 84.0 52.1 78.1
58 66.3 53.8 80.6

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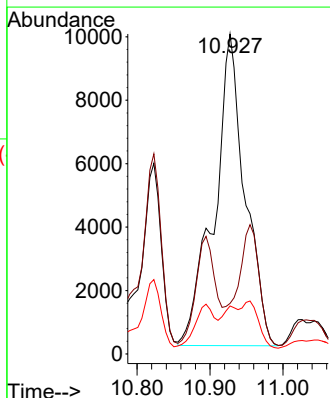
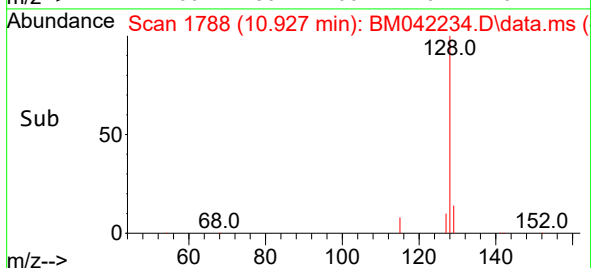
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

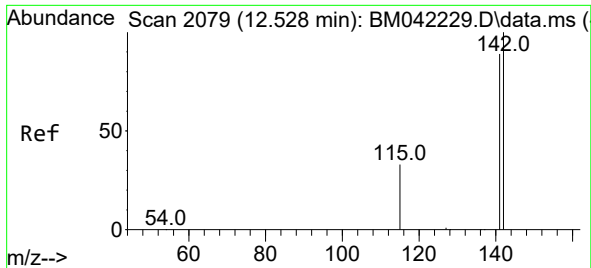


#5
Naphthalene
Concen: 0.812 ng/ul
RT: 10.927 min Scan# 1788
Delta R.T. 0.005 min
Lab File: BM042234.D
Acq: 09 Oct 2023 21:22



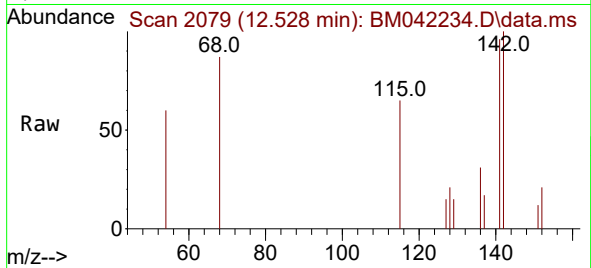
Tgt Ion:128 Resp: 28792
Ion Ratio Lower Upper
128 100
129 15.8 9.4 14.2
127 15.0 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM042234.D
Acq: 09 Oct 2023 21:22

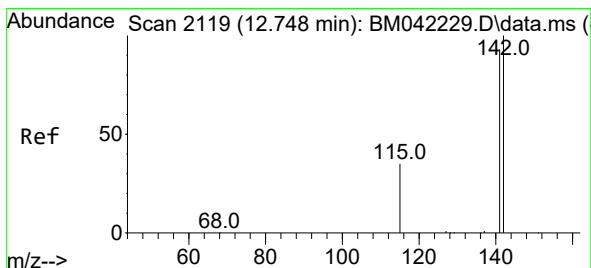
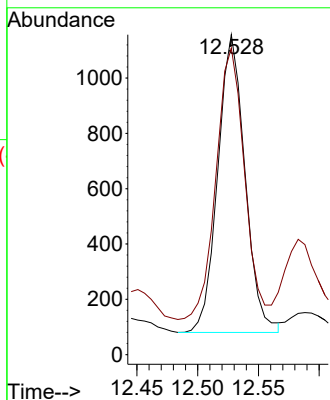
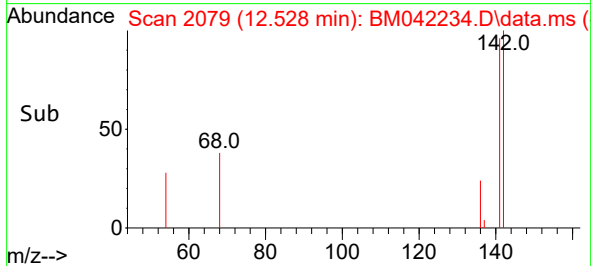
Instrument :
BNA_M
ClientSampleId :
BBJQ2



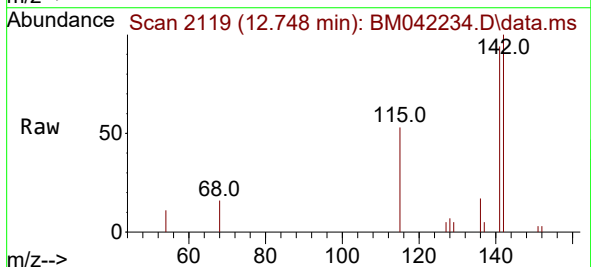
Tgt Ion:142 Resp: 1680
Ion Ratio Lower Upper
142 100
141 94.0 70.2 105.4

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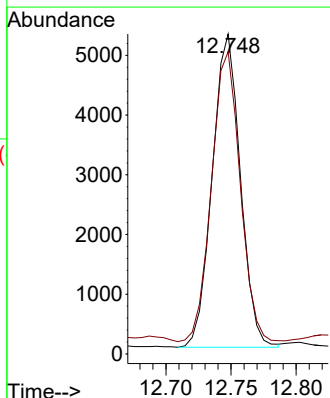
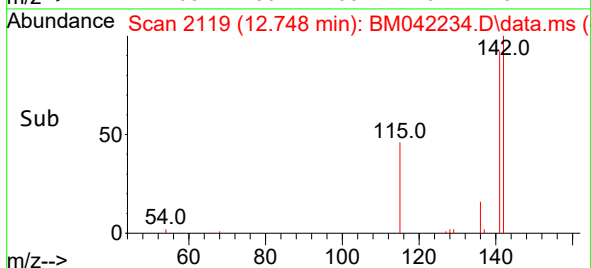
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

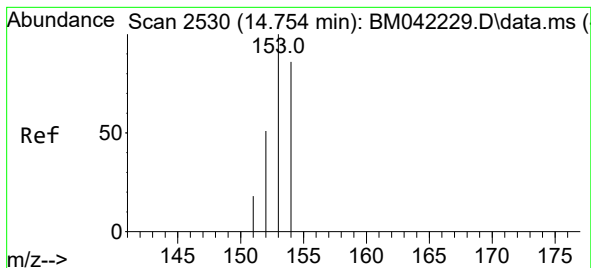


#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM042234.D
Acq: 09 Oct 2023 21:22



Tgt Ion:142 Resp: 7881
Ion Ratio Lower Upper
142 100
141 93.8 73.5 110.3





#11

Acenaphthene

Concen: 0.040 ng/ul

RT: 14.758 min Scan# 2531

Delta R.T. 0.004 min

Lab File: BM042234.D

Acq: 09 Oct 2023 21:22

Instrument :

BNA_M

ClientSampleId :

BBJQ2

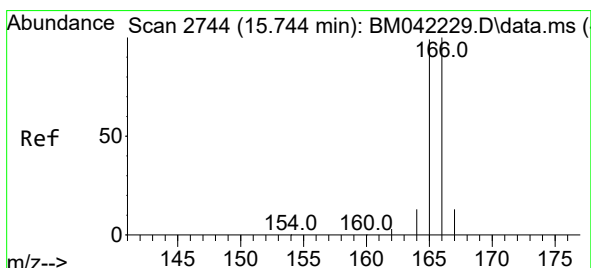
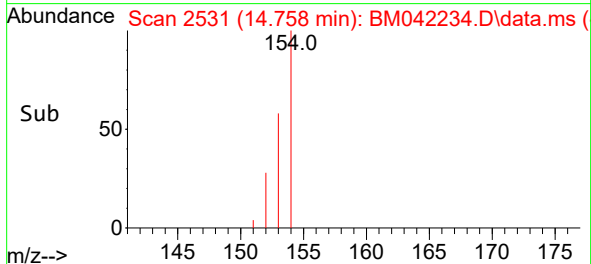
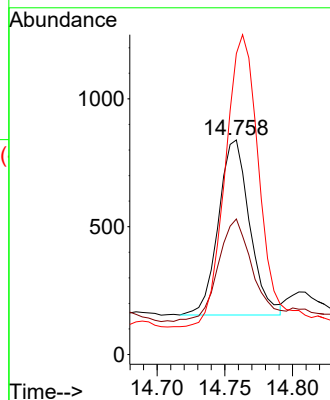
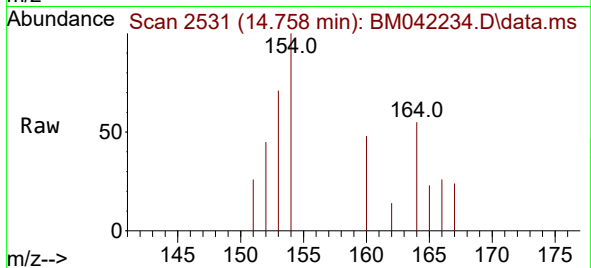
Tgt Ion:	153	Resp:	1098
Ion Ratio	Lower	Upper	
153	100		
152	63.2	41.1	61.7
154	140.3	69.5	104.3

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#12

Fluorene

Concen: 0.067 ng/ul m

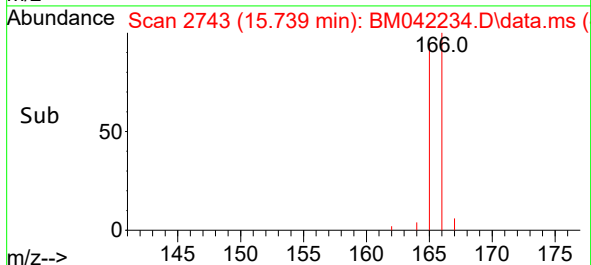
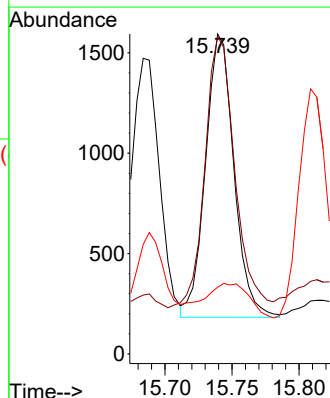
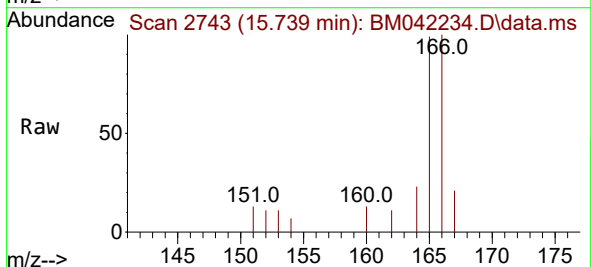
RT: 15.739 min Scan# 2743

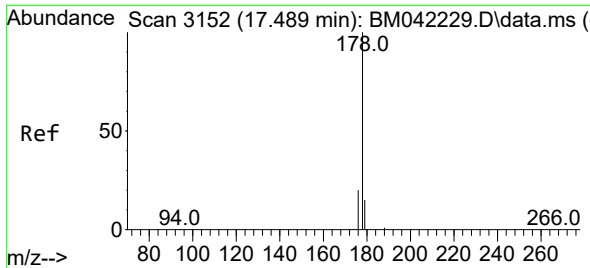
Delta R.T. -0.005 min

Lab File: BM042234.D

Acq: 09 Oct 2023 21:22

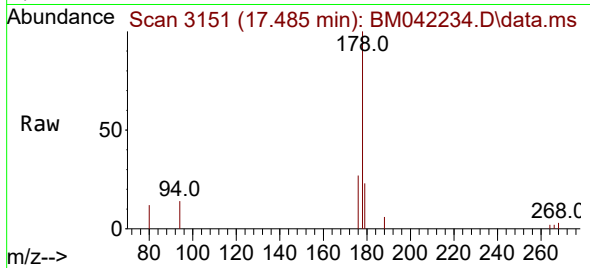
Tgt Ion:	166	Resp:	2079
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.4	117.6
167	20.8	11.5	17.3





#15
Phenanthrene
Concen: 0.088 ng/ul
RT: 17.485 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM042234.D
Acq: 09 Oct 2023 21:22

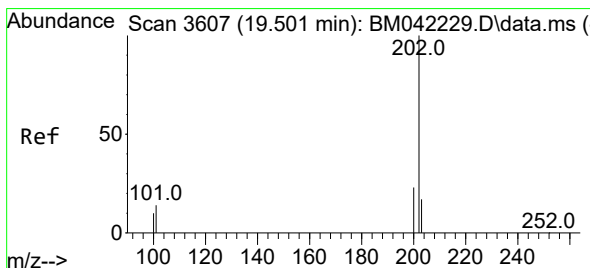
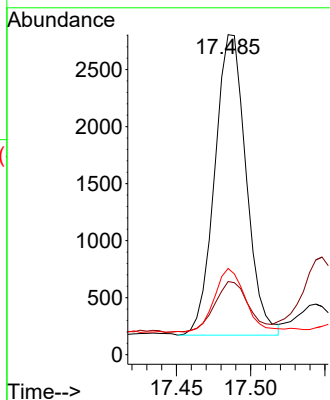
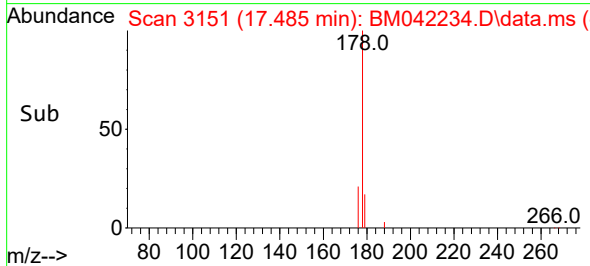
Instrument :
BNA_M
ClientSampleId :
BBJQ2



Tgt Ion:178 Resp: 3870
Ion Ratio Lower Upper
178 100
179 22.9 13.0 19.4#
176 27.0 16.8 25.2#

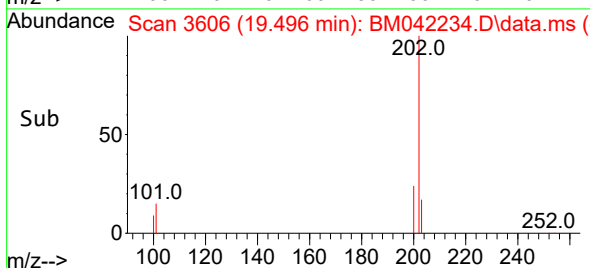
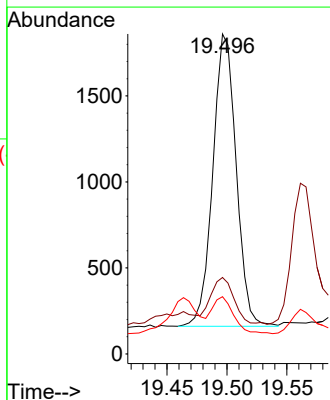
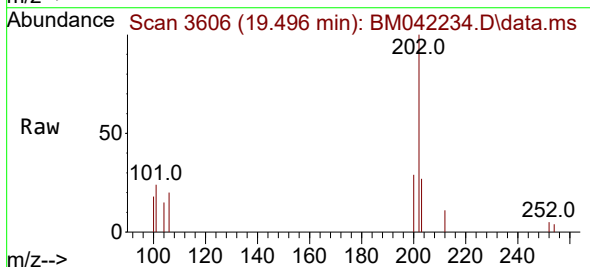
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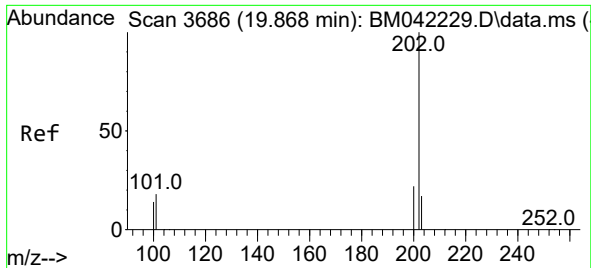
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#19
Fluoranthene
Concen: 0.070 ng/ul
RT: 19.496 min Scan# 3606
Delta R.T. -0.005 min
Lab File: BM042234.D
Acq: 09 Oct 2023 21:22

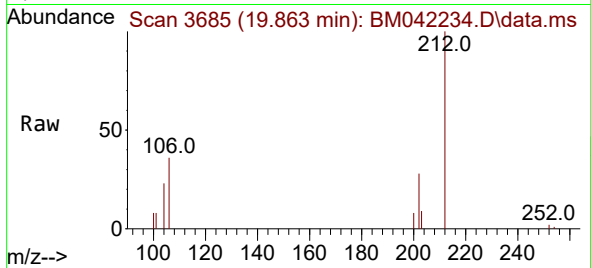
Tgt Ion:202 Resp: 2306
Ion Ratio Lower Upper
202 100
101 23.9 11.1 16.7#
100 17.9 8.2 12.2#





#20
Pyrene
Concen: 0.057 ng/ul
RT: 19.863 min Scan# 3686
Delta R.T. -0.005 min
Lab File: BM042234.D
Acq: 09 Oct 2023 21:22

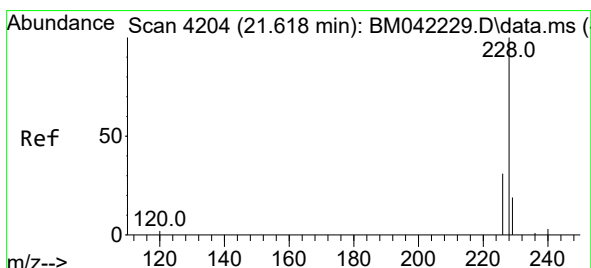
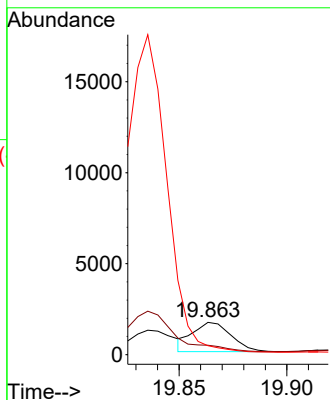
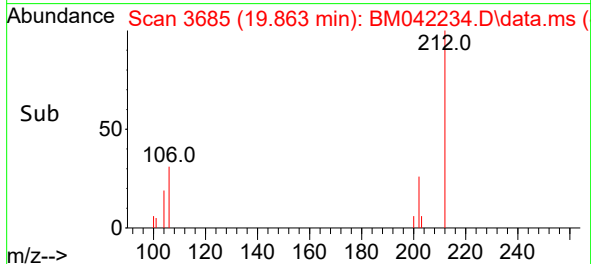
Instrument :
BNA_M
ClientSampleId :
BBJQ2



Tgt Ion:202 Resp: 2000
Ion Ratio Lower Upper
202 100
101 29.2 12.7 19.1#
100 27.9 9.9 14.9#

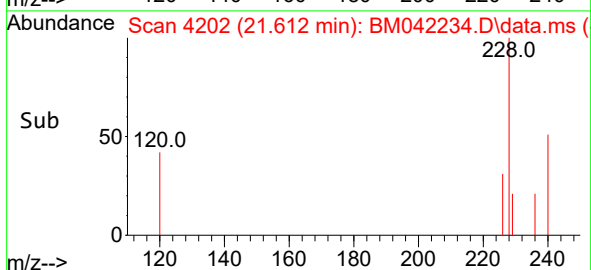
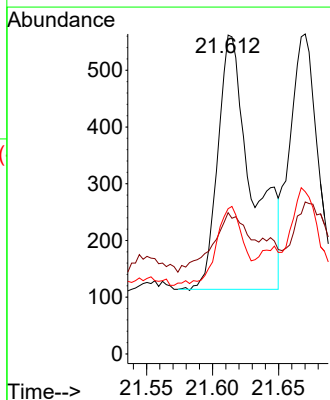
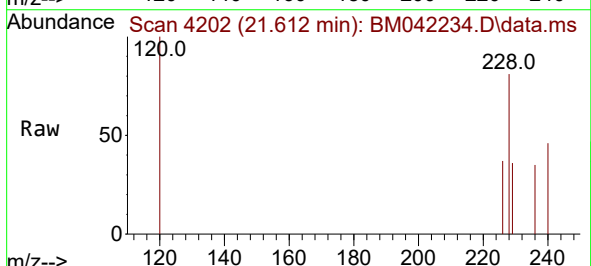
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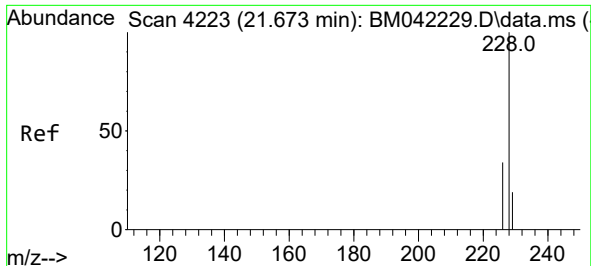
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#21
Benzo(a)anthracene
Concen: 0.029 ng/ul
RT: 21.612 min Scan# 4202
Delta R.T. -0.006 min
Lab File: BM042234.D
Acq: 09 Oct 2023 21:22

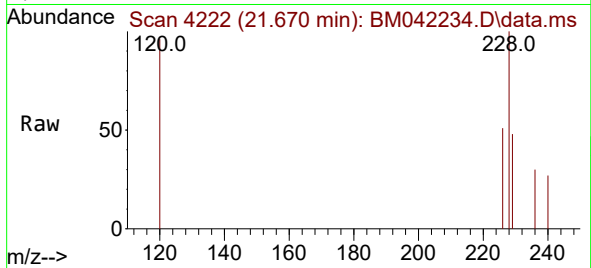
Tgt Ion:228 Resp: 799
Ion Ratio Lower Upper
228 100
229 44.3 15.8 23.8#
226 45.6 24.6 37.0#





#22
Chrysene
Concen: 0.024 ng/ul
RT: 21.670 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM042234.D
Acq: 09 Oct 2023 21:22

Instrument :
BNA_M
ClientSampleId :
BBJQ2



Tgt Ion:228 Resp: 660
Ion Ratio Lower Upper
228 100
226 50.7 26.7 40.1
229 47.5 15.8 23.8

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