

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042065.D
 Acq On : 26 Sep 2023 11:27
 Operator : MA/JU
 Sample : 04429-11
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBM3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 27 04:25:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	6735	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.757	136	17364	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.592	164	9205	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	18035	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.518	240	8605	0.400	ng/ul	0.00
23) Perylene-d12	23.927	264	7397	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	32977	3.593	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	2841	0.131	ng/ul	-0.01
18) Fluoranthene-d10	19.366	212	4599	0.130	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.402	88	20559	2.129	ng/ul#	86
5) Naphthalene	10.812	128	695333	11.953	ng/ul	98
7) 2-Methylnaphthalene	12.418	142	223258	6.438	ng/ul	100
8) 1-Methylnaphthalene	12.638	142	134556	3.822	ng/ul	99
11) Acenaphthene	14.652	153	7625	0.161	ng/ul	98
12) Fluorene	15.642	166	5975	0.112	ng/ul#	93
14) Pentachlorophenol	16.974	266	16287	1.707	ng/ul	100
15) Phenanthrene	17.388	178	13413	0.160	ng/ul#	90
19) Fluoranthene	19.399	202	3649	0.038	ng/ul#	1
20) Pyrene	19.761	202	3722m	0.039	ng/ul	

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

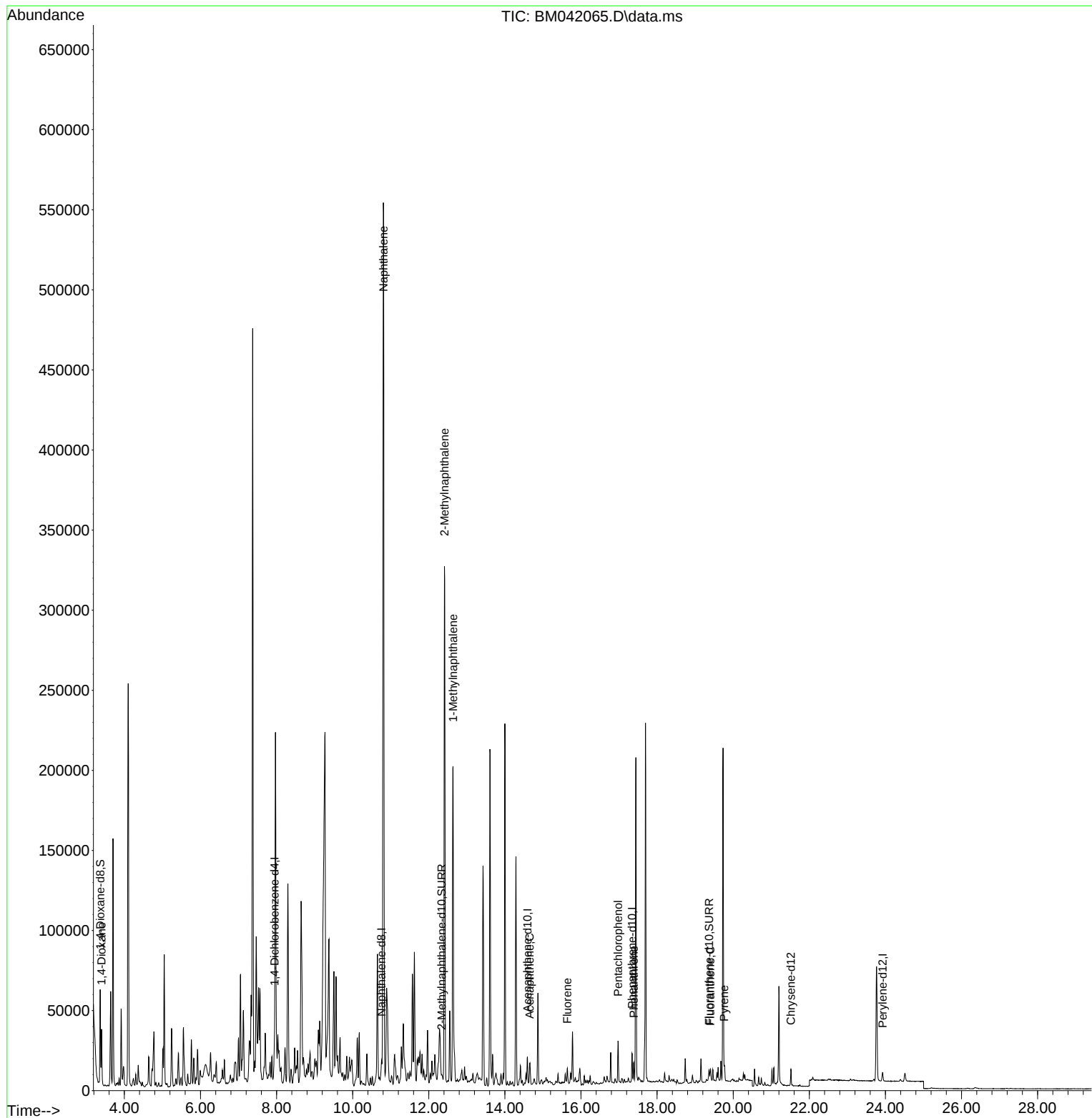
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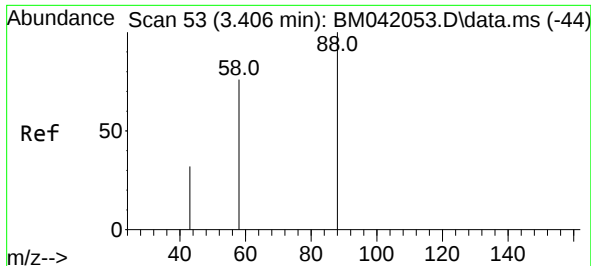
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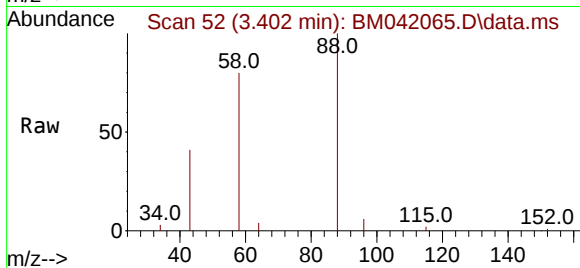
Quant Time: Sep 27 04:25:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
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#2
1,4-Dioxane
Concen: 2.129 ng/ul
RT: 3.402 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM042065.D
Acq: 26 Sep 2023 11:27

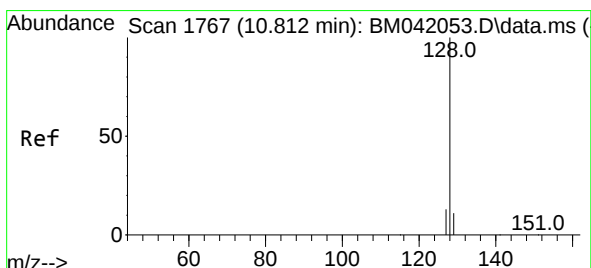
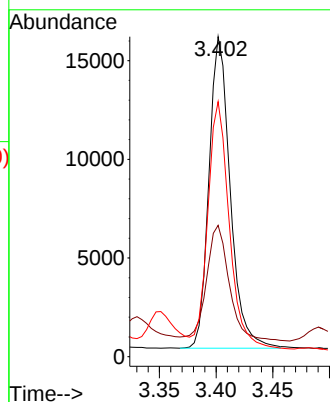
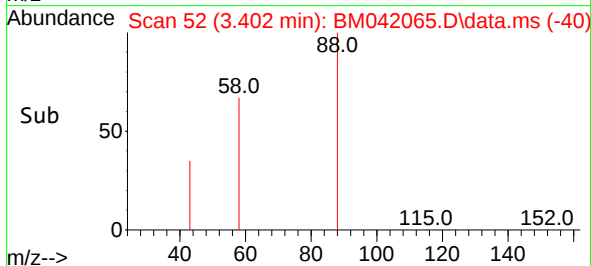
Instrument :
BNA_M
ClientSampleId :
BBBM3



Tgt Ion: 88 Resp: 2055
Ion Ratio Lower Upper
88 100
43 41.0 42.9 64.3
58 79.7 56.4 84.6

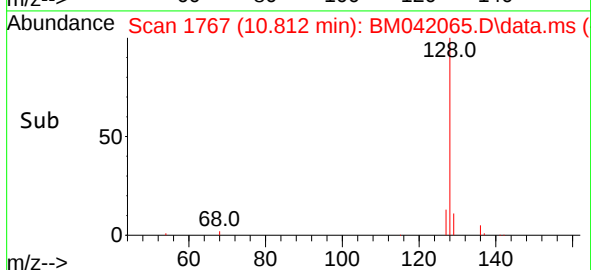
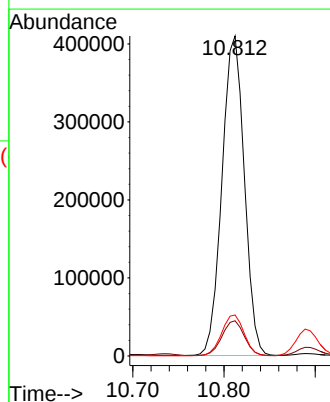
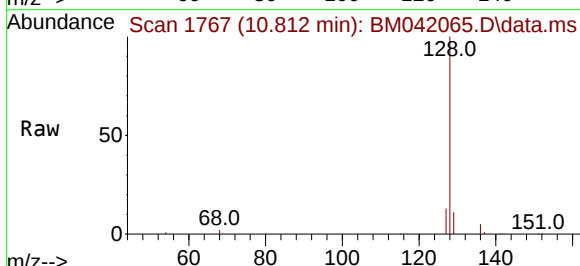
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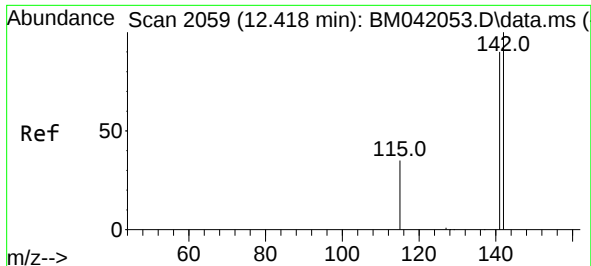
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#5
Naphthalene
Concen: 11.953 ng/ul
RT: 10.812 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BM042065.D
Acq: 26 Sep 2023 11:27

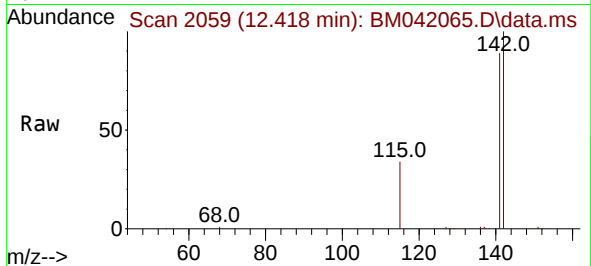
Tgt Ion:128 Resp: 695333
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.8 10.8 16.2





#7
2-Methylnaphthalene
Concen: 6.438 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BM042065.D
Acq: 26 Sep 2023 11:27

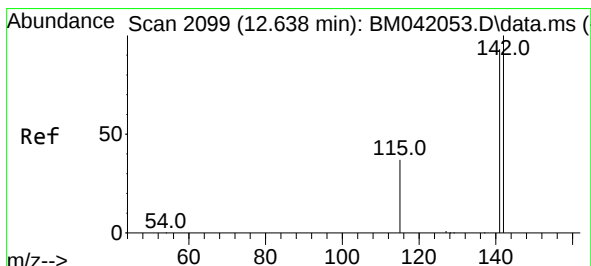
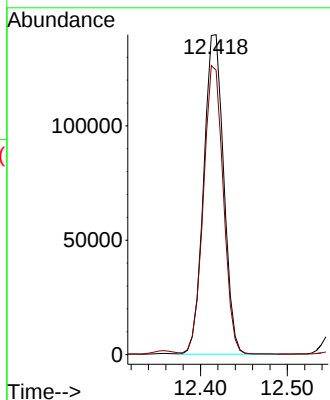
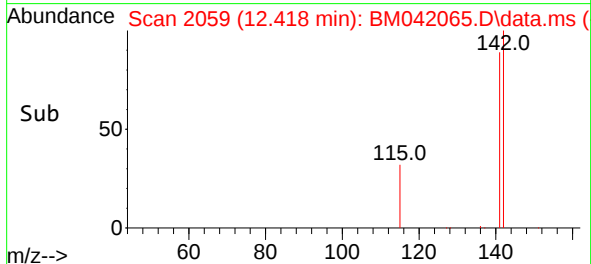
Instrument :
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ClientSampleId :
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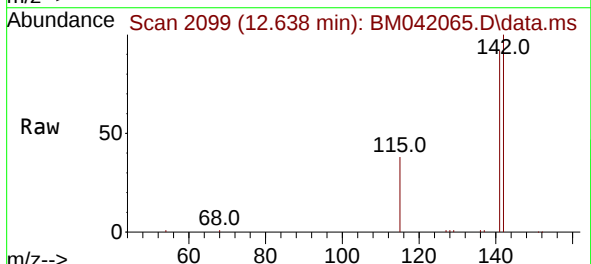
Tgt Ion:142 Resp: 223258
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1

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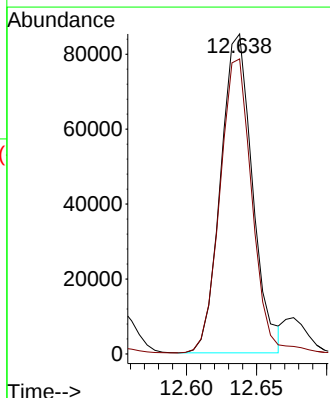
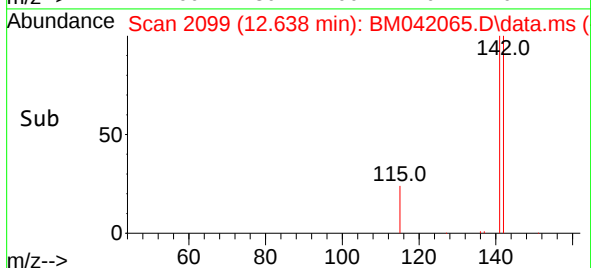
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

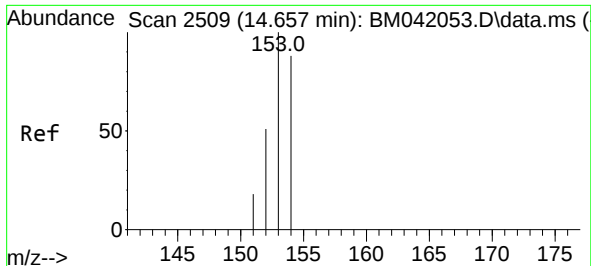


#8
1-Methylnaphthalene
Concen: 3.822 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BM042065.D
Acq: 26 Sep 2023 11:27



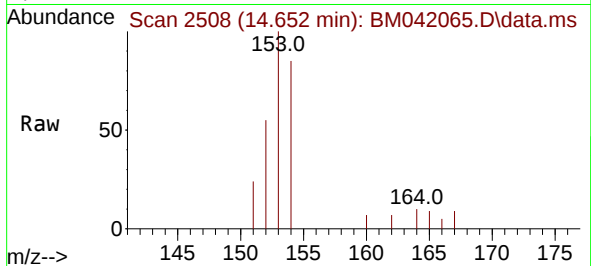
Tgt Ion:142 Resp: 134556
Ion Ratio Lower Upper
142 100
141 92.6 75.1 112.7





#11
Acenaphthene
Concen: 0.161 ng/ul
RT: 14.652 min Scan# 2508
Delta R.T. -0.009 min
Lab File: BM042065.D
Acq: 26 Sep 2023 11:27

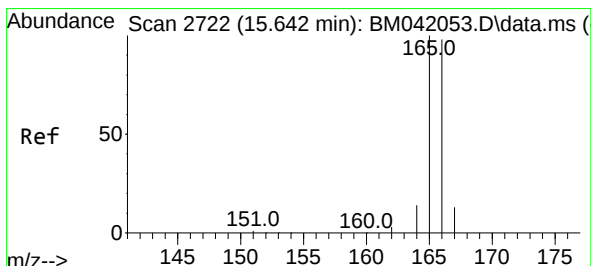
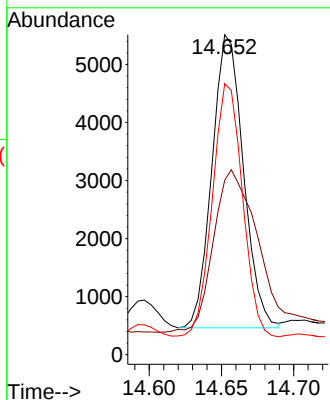
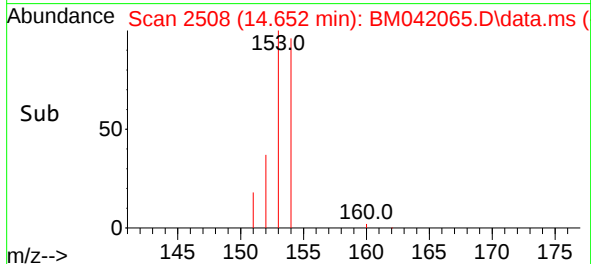
Instrument :
BNA_M
ClientSampleId :
BBBM3



Tgt Ion:153 Resp: 7629
Ion Ratio Lower Upper
153 100
152 54.5 41.8 62.8
154 84.7 69.0 103.6

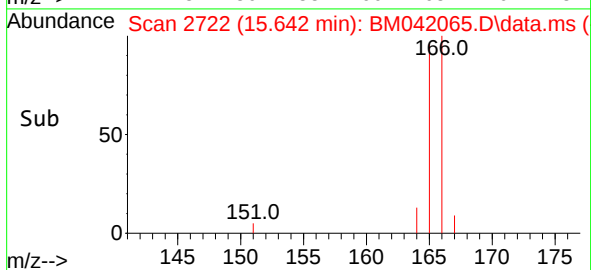
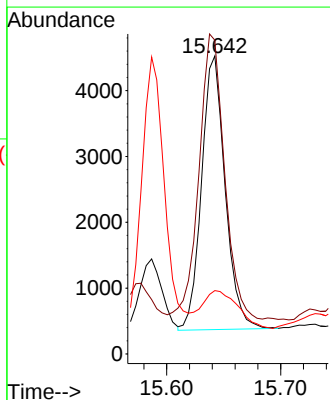
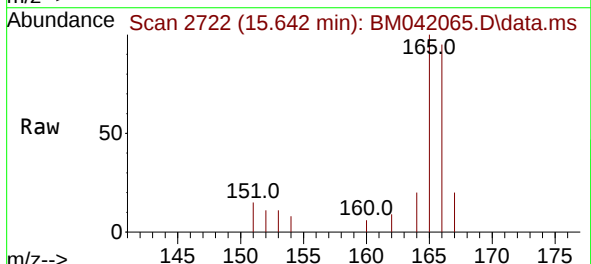
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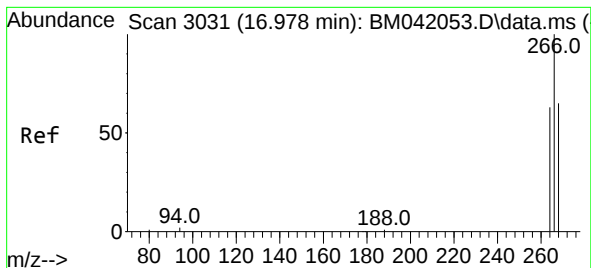
Reviewed By :Yogesh Patel 09/27/2023
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#12
Fluorene
Concen: 0.112 ng/ul
RT: 15.642 min Scan# 2722
Delta R.T. -0.009 min
Lab File: BM042065.D
Acq: 26 Sep 2023 11:27

Tgt Ion:166 Resp: 5975
Ion Ratio Lower Upper
166 100
165 105.3 79.8 119.8
167 21.3 11.1 16.7#





#14

Pentachlorophenol

Concen: 1.707 ng/ul

RT: 16.974 min Scan# 3031

Delta R.T. -0.008 min

Lab File: BM042065.D

Acq: 26 Sep 2023 11:27

Instrument :

BNA_M

ClientSampleId :

BBBM3

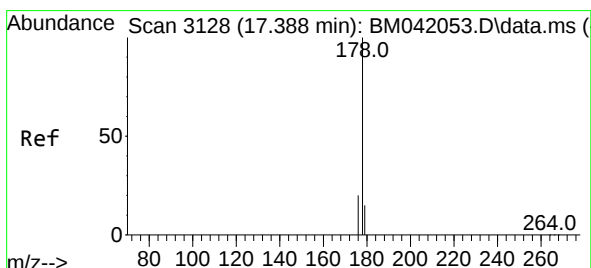
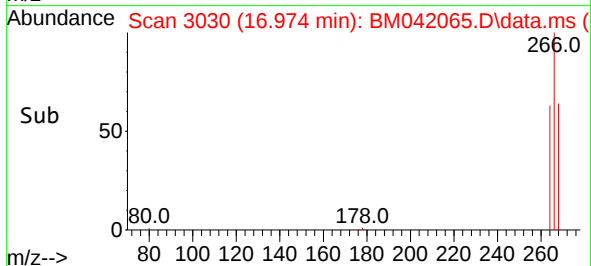
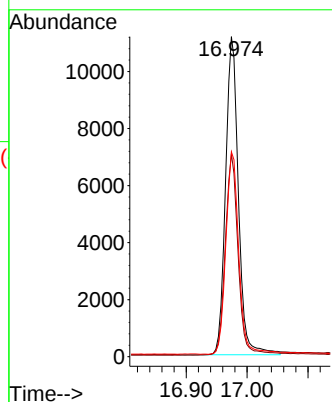
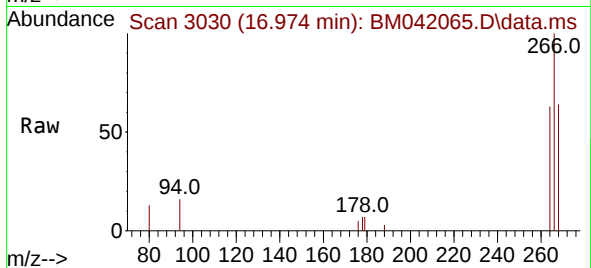
Tgt Ion:	266	Resp:	1628
Ion Ratio	Lower	Upper	
266	100		
264	62.9	50.2	75.4
268	63.9	51.0	76.4

Manual Integrations

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Supervised By :mohammad ahmed 09/28/2023



#15

Phenanthrene

Concen: 0.160 ng/ul

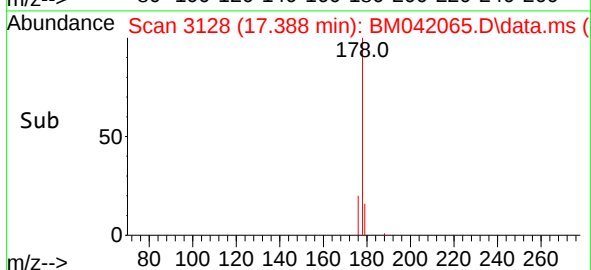
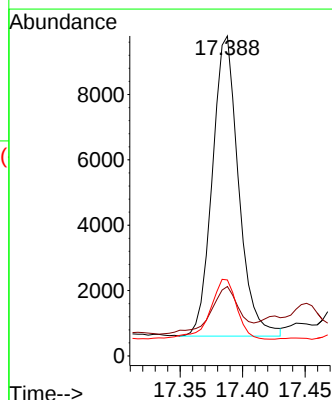
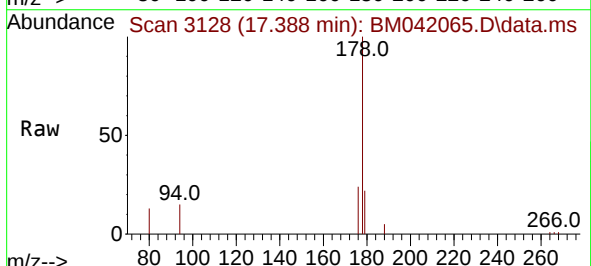
RT: 17.388 min Scan# 3128

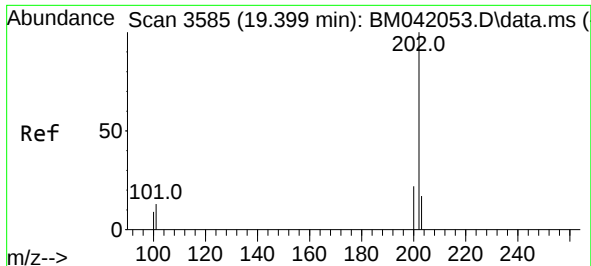
Delta R.T. -0.008 min

Lab File: BM042065.D

Acq: 26 Sep 2023 11:27

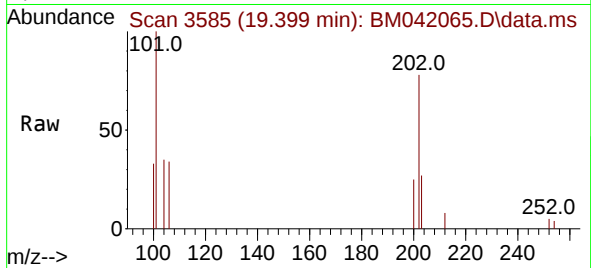
Tgt Ion:	178	Resp:	13413
Ion Ratio	Lower	Upper	
178	100		
179	21.7	12.7	19.1#
176	23.7	16.6	24.8





#19
Fluoranthene
Concen: 0.038 ng/ul
RT: 19.399 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BM042065.D
Acq: 26 Sep 2023 11:27

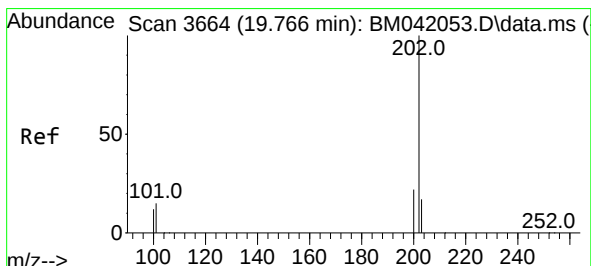
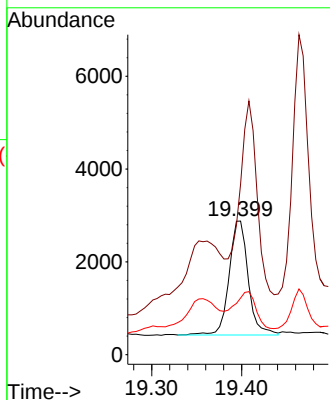
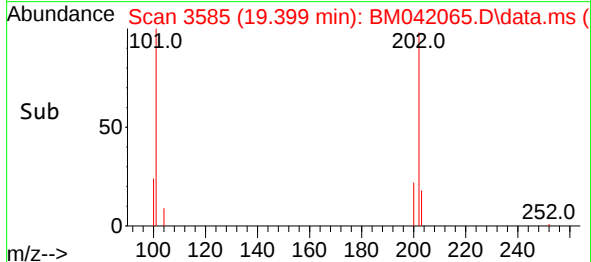
Instrument :
BNA_M
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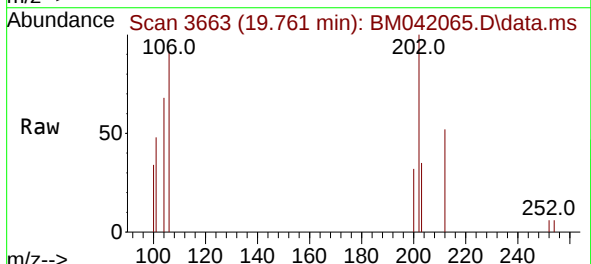
Tgt Ion:202 Resp: 3649
Ion Ratio Lower Upper
202 100
101 127.8 11.8 17.6
100 42.4 9.1 13.7

Manual Integrations
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Supervised By :mohammad ahmed 09/28/2023



#20
Pyrene
Concen: 0.039 ng/ul m
RT: 19.761 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BM042065.D
Acq: 26 Sep 2023 11:27



Tgt Ion:202 Resp: 3722
Ion Ratio Lower Upper
202 100
101 47.9 14.1 21.1#
100 34.4 11.4 17.0#

