

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042069.D
 Acq On : 26 Sep 2023 13:51
 Operator : MA/JU
 Sample : 04429-09DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 27 04:25:45 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	5853	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.757	136	14350	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.592	164	6904	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	13871	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.518	240	6671	0.400	ng/ul	0.00
23) Perylene-d12	23.924	264	6089	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	5786	0.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	835	0.046	ng/ul	-0.01
18) Fluoranthene-d10	19.366	212	1039	0.038	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.402	88	28184	3.359	ng/ul#	86
5) Naphthalene	10.806	128	423235	8.804	ng/ul	99
7) 2-Methylnaphthalene	12.418	142	333611	11.642	ng/ul	99
8) 1-Methylnaphthalene	12.638	142	387284	13.312	ng/ul	99
10) Acenaphthylene	14.305	152	8545	0.185	ng/ul#	1
11) Acenaphthene	14.657	153	29872	0.843	ng/ul	88
12) Fluorene	15.637	166	49010	1.227	ng/ul	97
14) Pentachlorophenol	16.974	266	14720	2.006	ng/ul	100
15) Phenanthrene	17.383	178	113037	1.757	ng/ul	98
16) Anthracene	17.481	178	6205	0.112	ng/ul#	50
19) Fluoranthene	19.394	202	4433	0.059	ng/ul#	1
20) Pyrene	19.761	202	13659m	0.184	ng/ul	

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

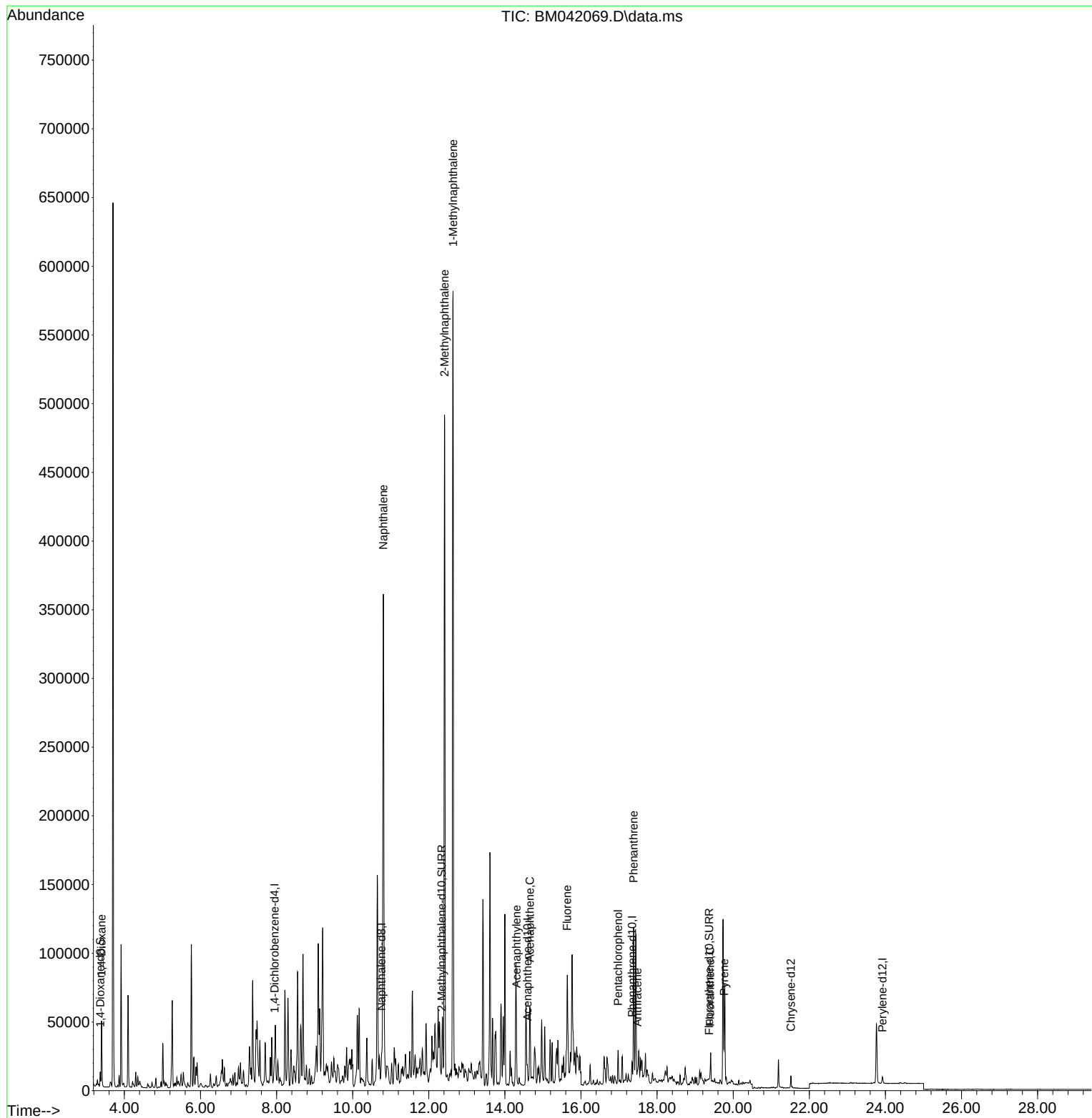
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042069.D
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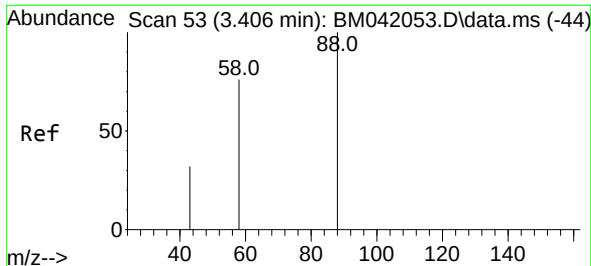
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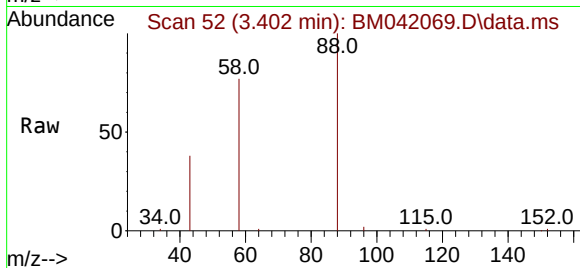
Quant Time: Sep 27 04:25:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
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#2
1,4-Dioxane
Concen: 3.359 ng/ul
RT: 3.402 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM042069.D
Acq: 26 Sep 2023 13:51

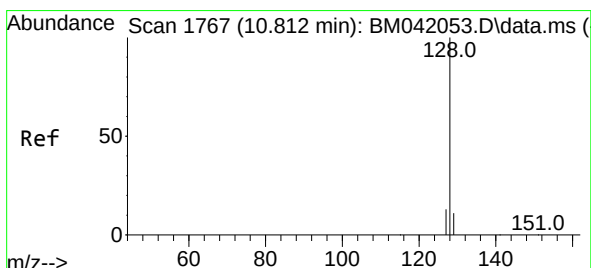
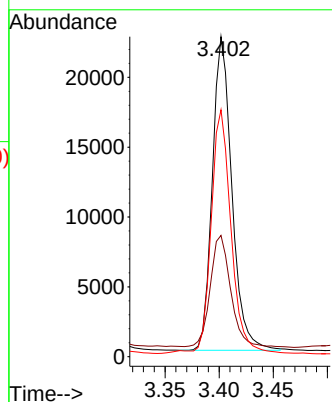
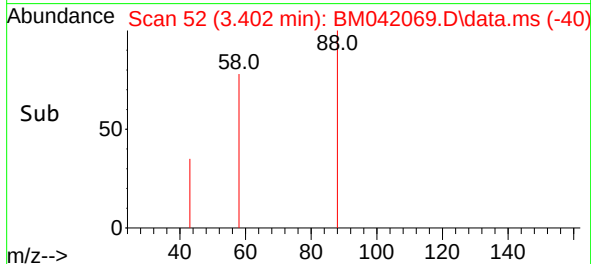
Instrument :
BNA_M
ClientSampleId :
BBBL9DL



Tgt Ion: 88 Resp: 28184
Ion Ratio Lower Upper
88 100
43 37.9 42.9 64.3
58 77.2 56.4 84.6

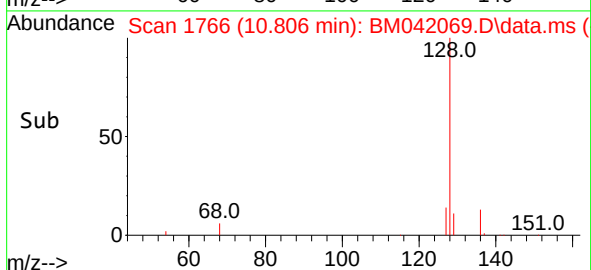
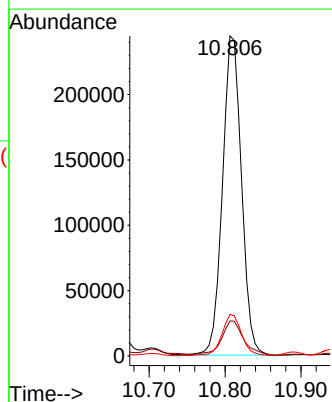
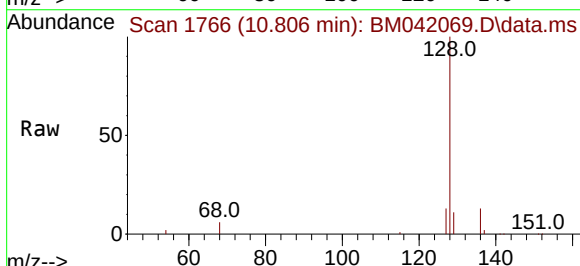
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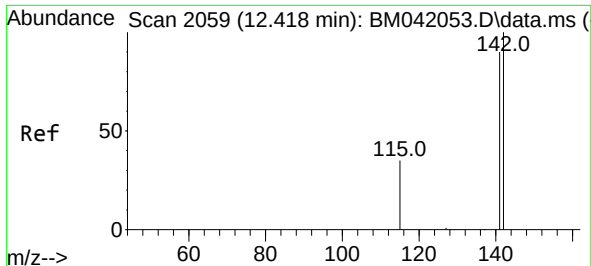
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#5
Naphthalene
Concen: 8.804 ng/ul
RT: 10.806 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BM042069.D
Acq: 26 Sep 2023 13:51

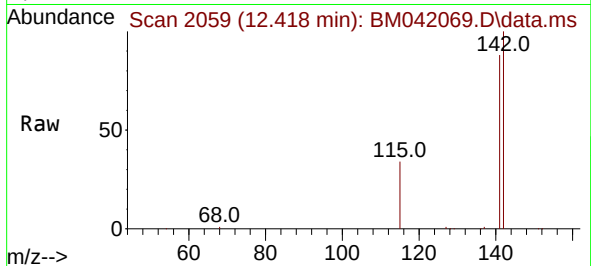
Tgt Ion:128 Resp: 423235
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.0 10.8 16.2





#7
2-Methylnaphthalene
Concen: 11.642 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BM042069.D
Acq: 26 Sep 2023 13:51

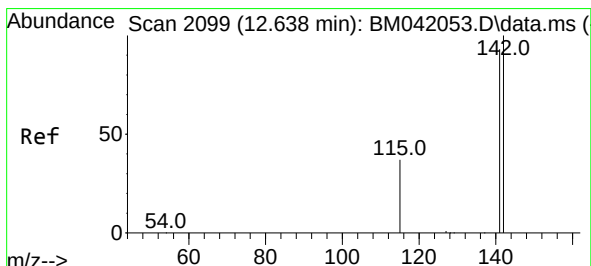
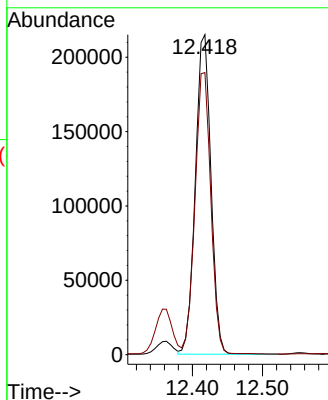
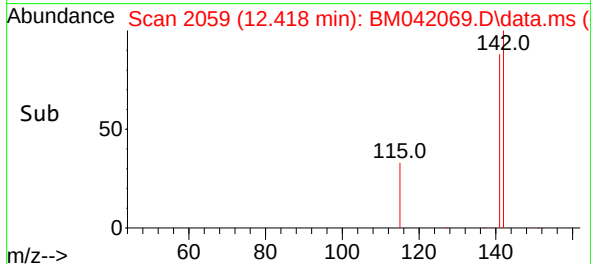
Instrument :
BNA_M
ClientSampleId :
BBBL9DL



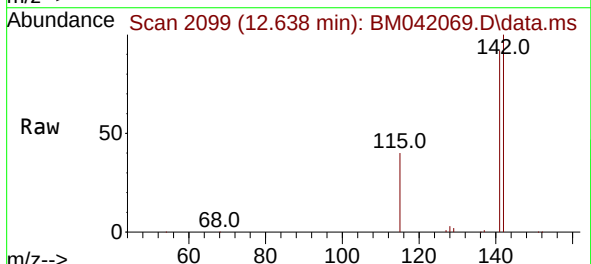
Tgt Ion:142 Resp: 33361
Ion Ratio Lower Upper
142 100
141 89.3 72.1 108.1

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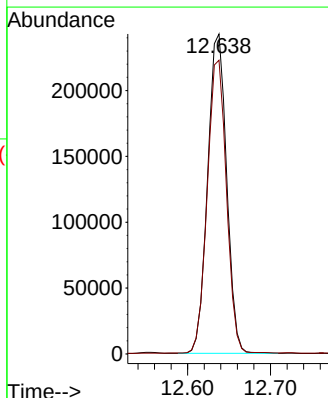
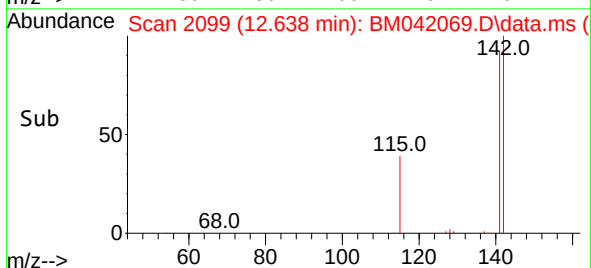
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

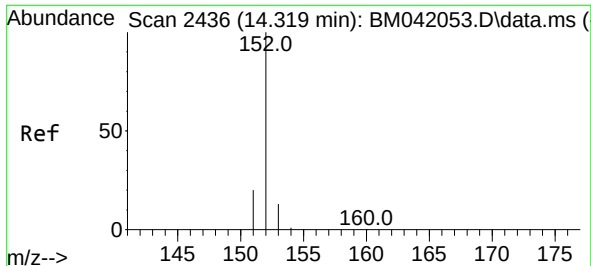


#8
1-Methylnaphthalene
Concen: 13.312 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM042069.D
Acq: 26 Sep 2023 13:51



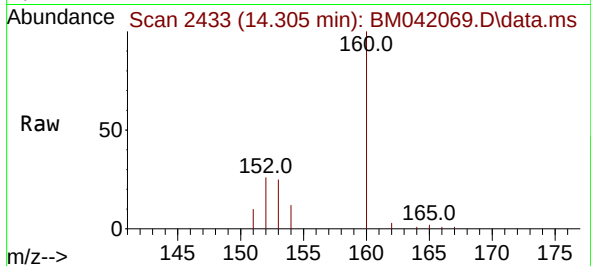
Tgt Ion:142 Resp: 387284
Ion Ratio Lower Upper
142 100
141 92.7 75.1 112.7





#10
Acenaphthylene
Concen: 0.185 ng/ul
RT: 14.305 min Scan# 2436
Delta R.T. -0.023 min
Lab File: BM042069.D
Acq: 26 Sep 2023 13:51

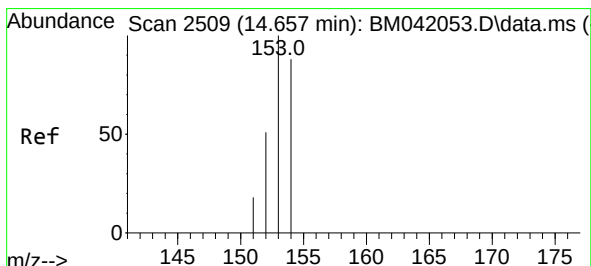
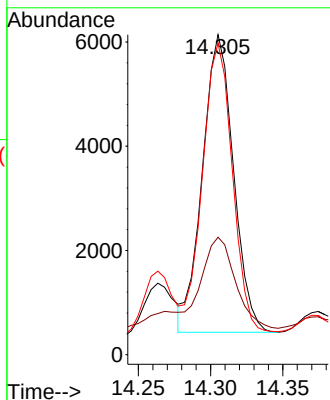
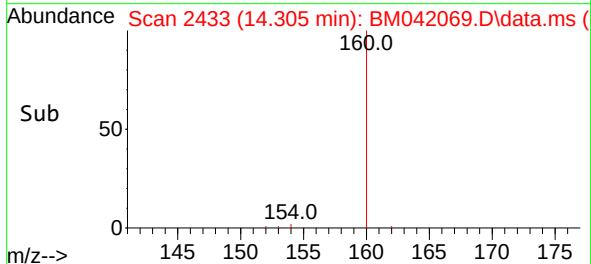
Instrument :
BNA_M
ClientSampleId :
BBBL9DL



Tgt Ion:152 Resp: 8549
Ion Ratio Lower Upper
152 100
151 36.7 16.2 24.4
153 97.3 10.8 16.2

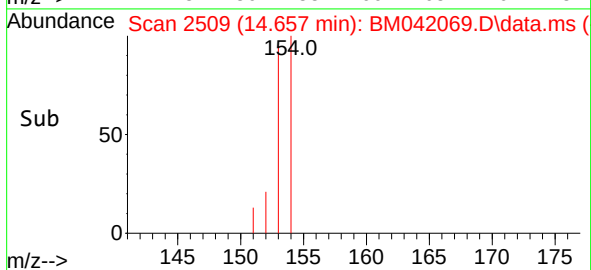
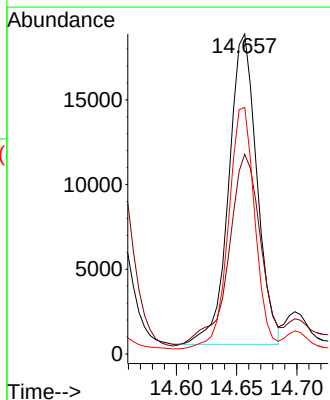
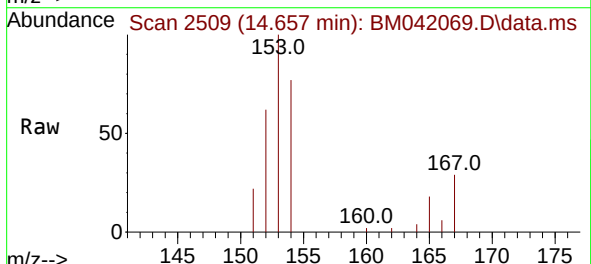
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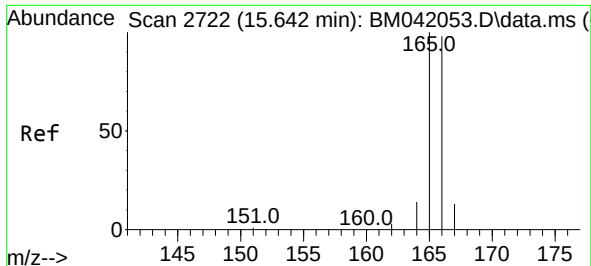
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#11
Acenaphthene
Concen: 0.843 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BM042069.D
Acq: 26 Sep 2023 13:51

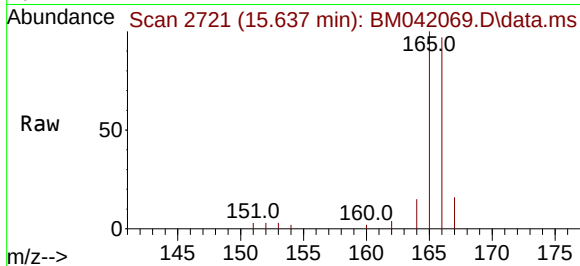
Tgt Ion:153 Resp: 29872
Ion Ratio Lower Upper
153 100
152 62.4 41.8 62.8
154 77.0 69.0 103.6





#12
Fluorene
Concen: 1.227 ng/ul
RT: 15.637 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM042069.D
Acq: 26 Sep 2023 13:51

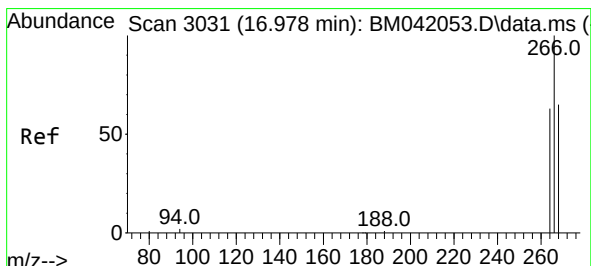
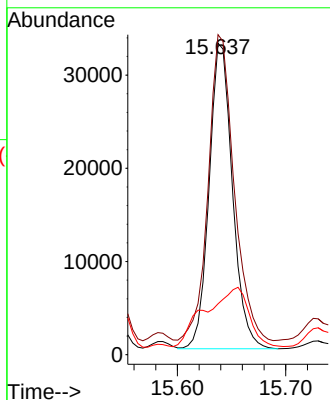
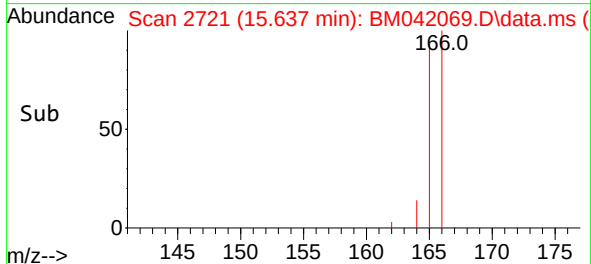
Instrument :
BNA_M
ClientSampleId :
BBBL9DL



Tgt Ion:166 Resp: 49010
Ion Ratio Lower Upper
166 100
165 102.7 79.8 119.8
167 16.4 11.1 16.7

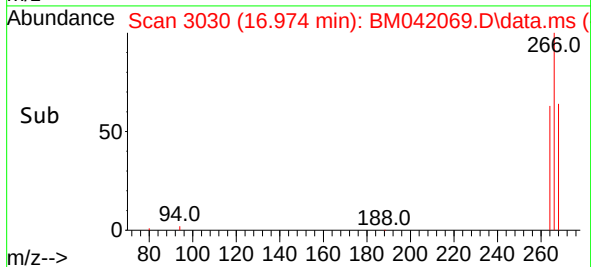
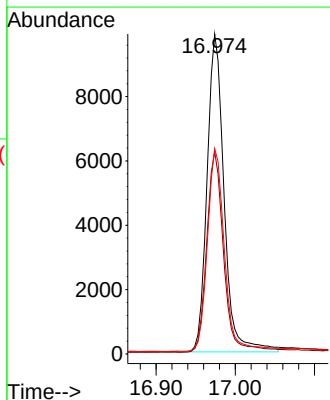
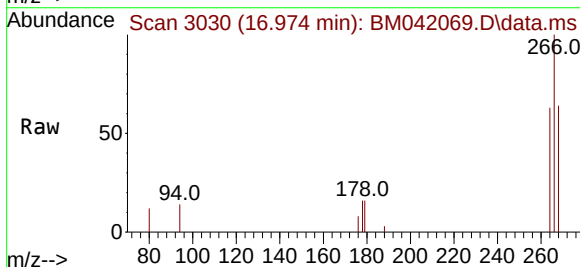
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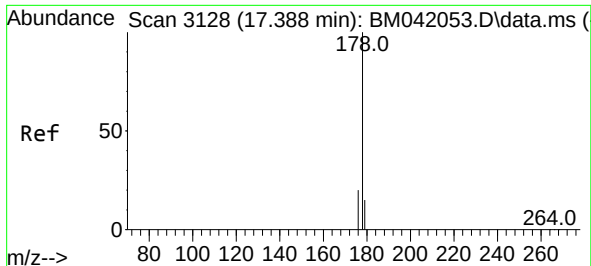
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#14
Pentachlorophenol
Concen: 2.006 ng/ul
RT: 16.974 min Scan# 3030
Delta R.T. -0.008 min
Lab File: BM042069.D
Acq: 26 Sep 2023 13:51

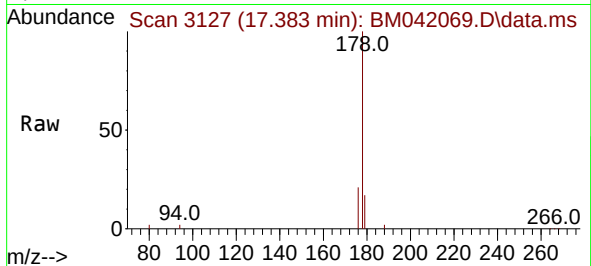
Tgt Ion:266 Resp: 14720
Ion Ratio Lower Upper
266 100
264 62.8 50.2 75.4
268 63.8 51.0 76.4





#15
Phenanthrene
Concen: 1.757 ng/ul
RT: 17.383 min Scan# 3127
Delta R.T. -0.013 min
Lab File: BM042069.D
Acq: 26 Sep 2023 13:51

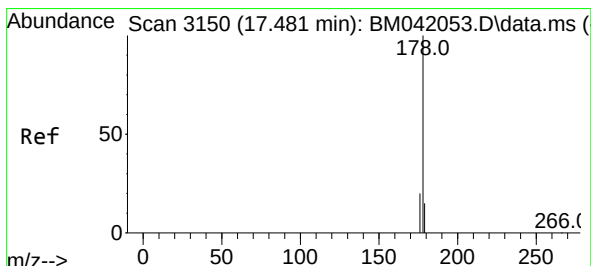
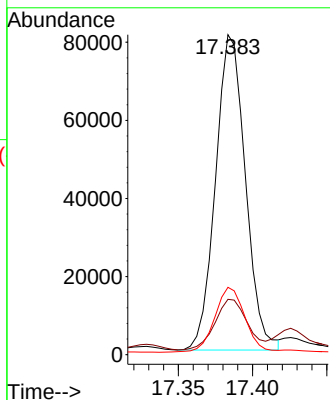
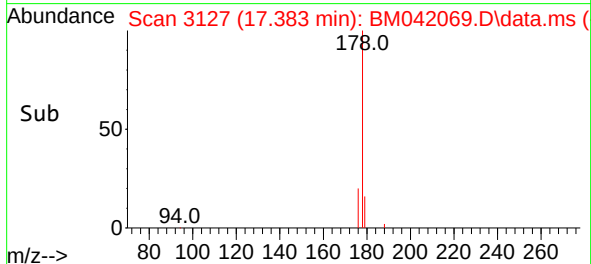
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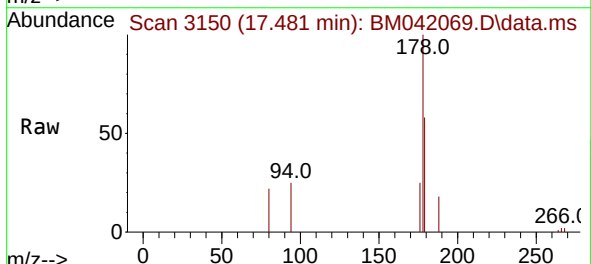
Tgt Ion:178 Resp: 11303
Ion Ratio Lower Upper
178 100
179 17.3 12.7 19.1
176 21.1 16.6 24.8

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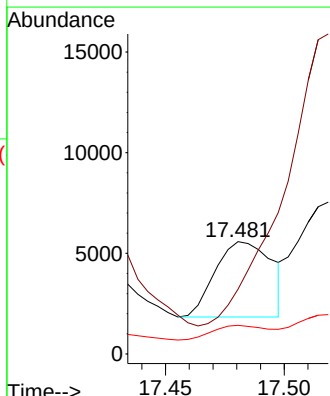
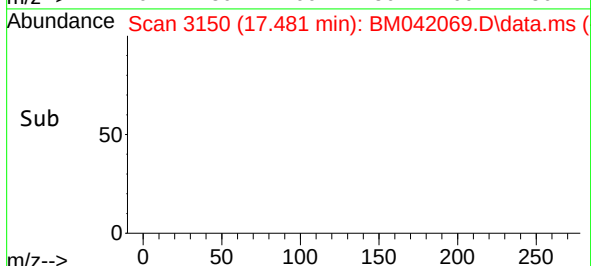
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Supervised By :mohammad ahmed 09/28/2023

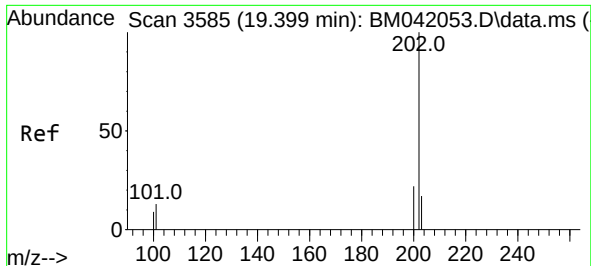


#16
Anthracene
Concen: 0.112 ng/ul
RT: 17.481 min Scan# 3150
Delta R.T. -0.008 min
Lab File: BM042069.D
Acq: 26 Sep 2023 13:51



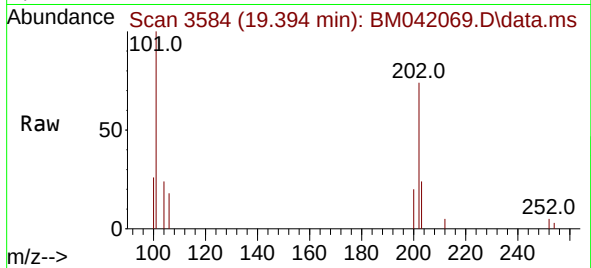
Tgt Ion:178 Resp: 6205
Ion Ratio Lower Upper
178 100
179 57.8 12.9 19.3#
176 25.5 16.2 24.2#





#19
Fluoranthene
Concen: 0.059 ng/u1
RT: 19.394 min Scan# 3584
Delta R.T. -0.009 min
Lab File: BM042069.D
Acq: 26 Sep 2023 13:51

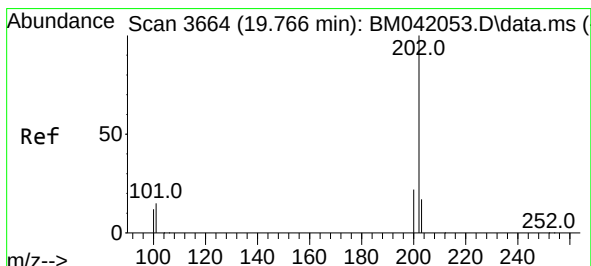
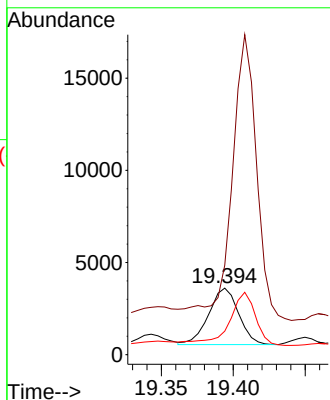
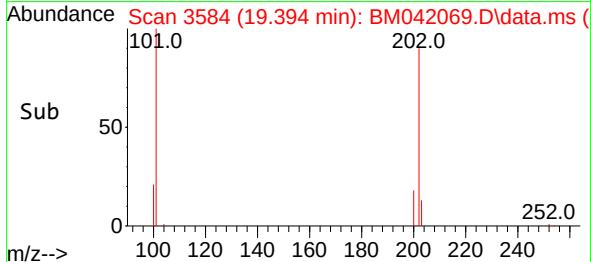
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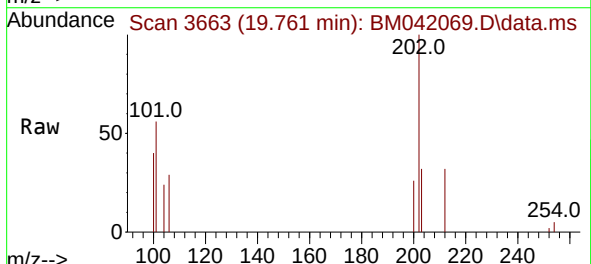
Tgt Ion:202 Resp: 4438
Ion Ratio Lower Upper
202 100
101 134.4 11.8 17.6
100 35.3 9.1 13.7

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



#20
Pyrene
Concen: 0.184 ng/u1 m
RT: 19.761 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BM042069.D
Acq: 26 Sep 2023 13:51



Tgt Ion:202 Resp: 13659
Ion Ratio Lower Upper
202 100
101 56.1 14.1 21.1#
100 39.9 11.4 17.0#

