

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040568.D
 Acq On : 03 Jul 2023 10:35
 Operator : MA/JU
 Sample : 03245-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGH6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 04 01:53:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	6513	0.400	ng/ul	0.00
4) Naphthalene-d8	10.728	136	20700	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.563	164	10216	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	18529	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	14303	0.400	ng/ul	# 0.00
23) Perylene-d12	23.914	264	16822	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	22746	2.223	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	4830	0.166	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	7014	0.153	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.778	128	57110	1.000	ng/ul	100
7) 2-Methylnaphthalene	12.395	142	22951	0.684	ng/ul	99
8) 1-Methylnaphthalene	12.609	142	19042	0.568	ng/ul	99
10) Acenaphthylene	14.290	152	77665	1.702	ng/ul	99
11) Acenaphthene	14.628	153	40111	1.041	ng/ul	98
12) Fluorene	15.618	166	40671	0.989	ng/ul	98
15) Phenanthrene	17.357	178	1050958	18.260	ng/ul	98
16) Anthracene	17.446	178	231763	4.792	ng/ul	99
19) Fluoranthene	19.375	202	2619641	43.117	ng/ul#	94
20) Pyrene	19.737	202	2094075	32.149	ng/ul	96
21) Benzo(a)anthracene	21.485	228	1019864	21.080	ng/ul	98
22) Chrysene	21.538	228	1015312	18.398	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	1715152	26.346	ng/ul	87
25) Benzo(k)fluoranthene	23.221	252	495689m	7.726	ng/ul	
26) Benzo(a)pyrene	23.809	252	1028861	17.545	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.420	276	903473	11.063	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.427	278	213601	3.340	ng/ul	94
29) Benzo(g,h,i)perylene	27.195	276	834920	11.664	ng/ul#	93

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

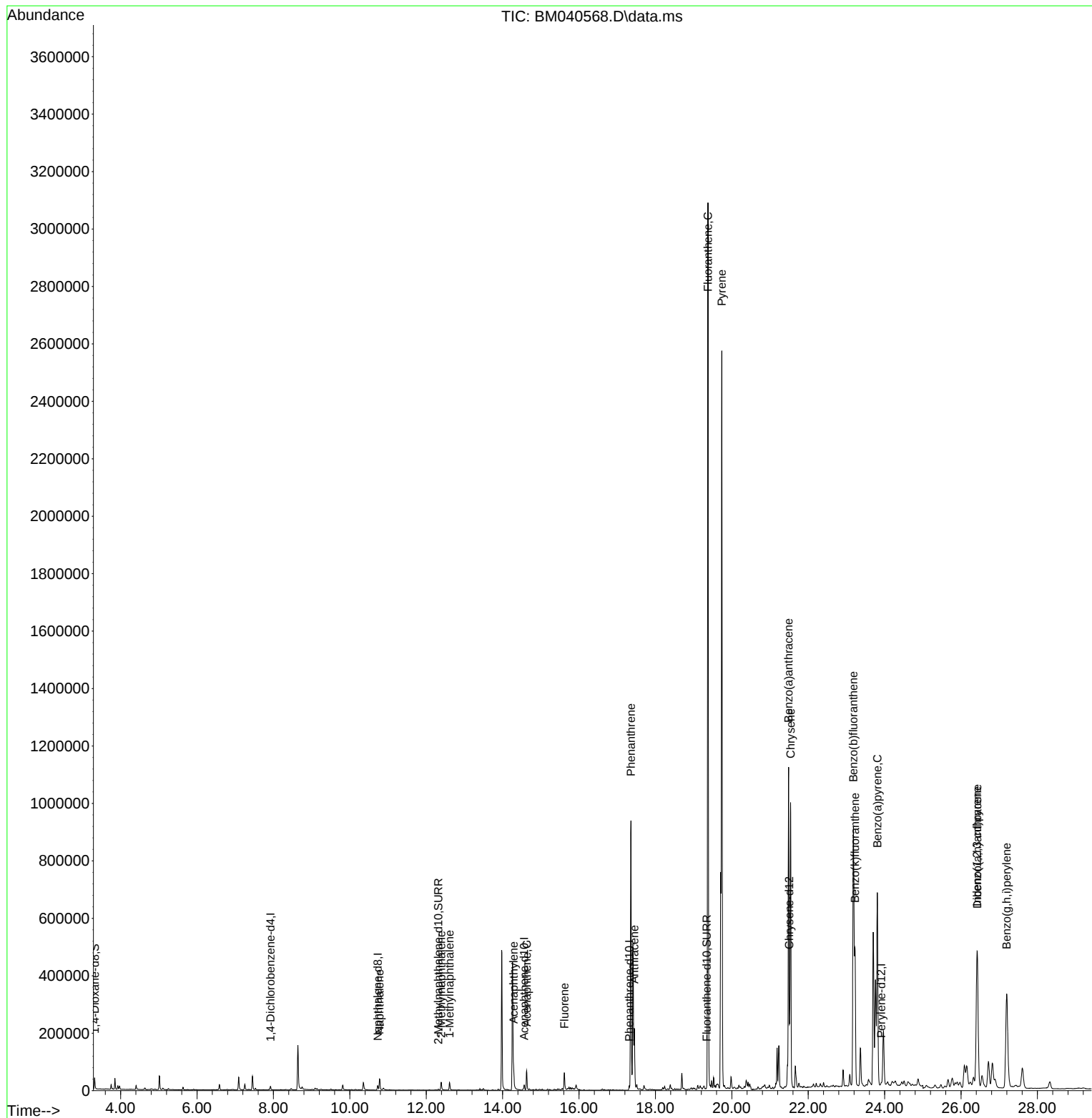
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
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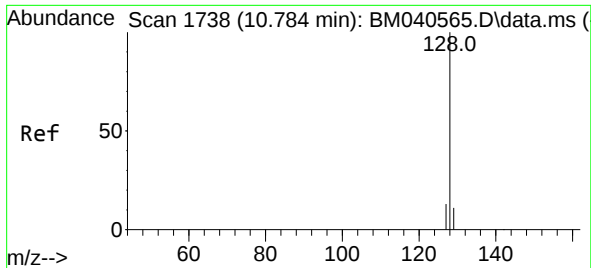
Instrument :
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Quant Time: Jul 04 01:53:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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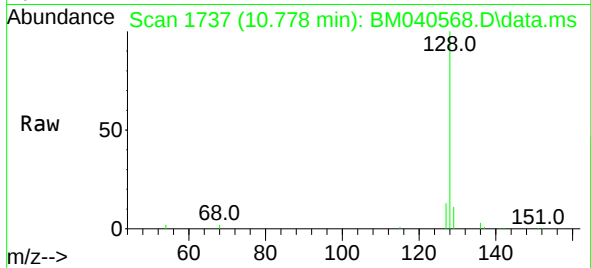
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 1.000 ng/ul
RT: 10.778 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35

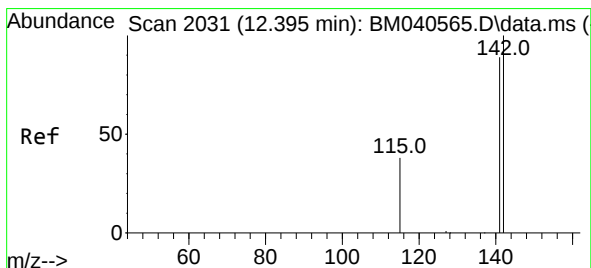
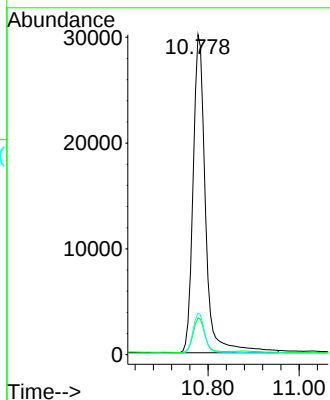
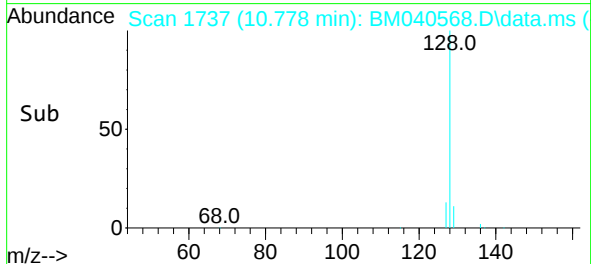
Instrument :
BNA_M
ClientSampleId :
DCGH6



Tgt Ion:128 Resp: 57110
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.0 10.6 15.8

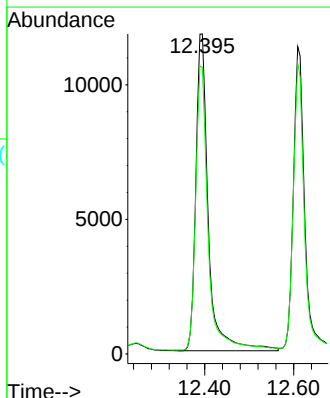
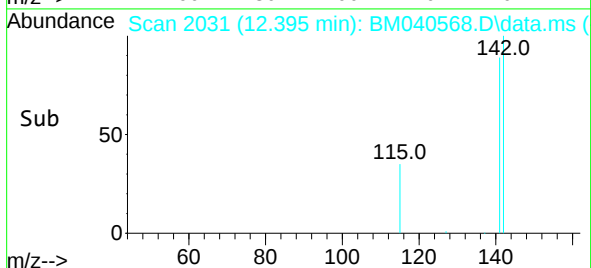
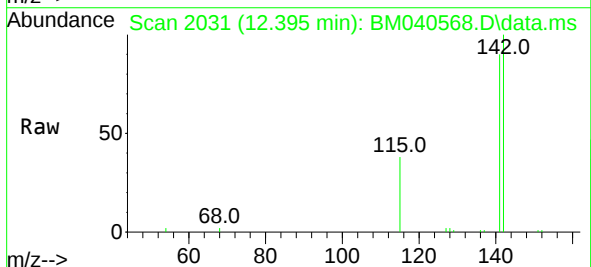
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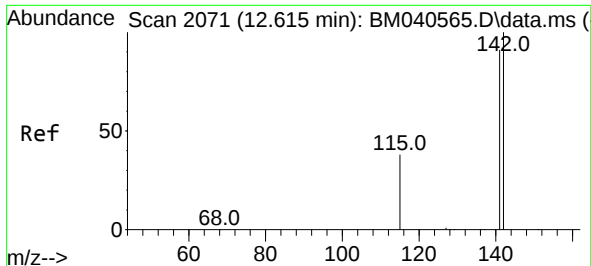
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.684 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35

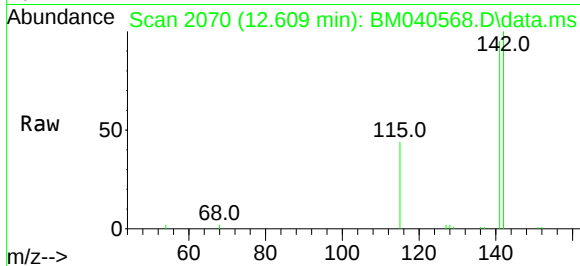
Tgt Ion:142 Resp: 22951
Ion Ratio Lower Upper
142 100
141 88.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.568 ng/ul
RT: 12.609 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35

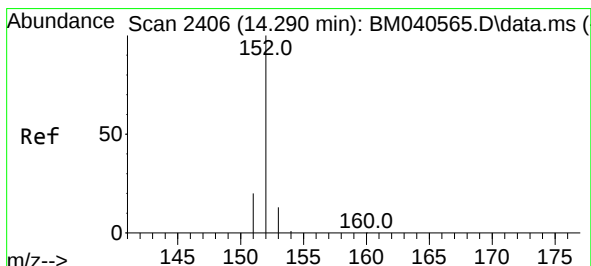
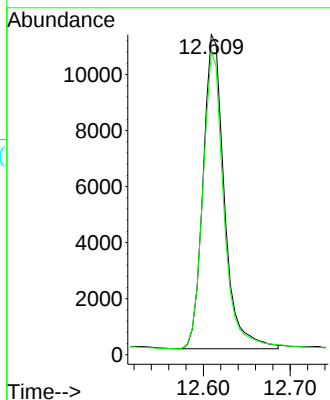
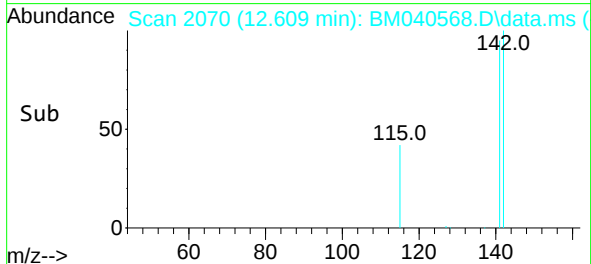
Instrument :
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Tgt Ion:142 Resp: 1904
Ion Ratio Lower Upper
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141 93.3 73.7 110.5

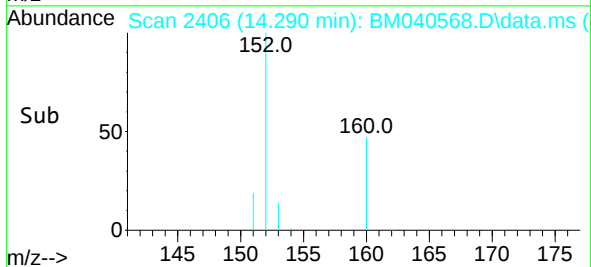
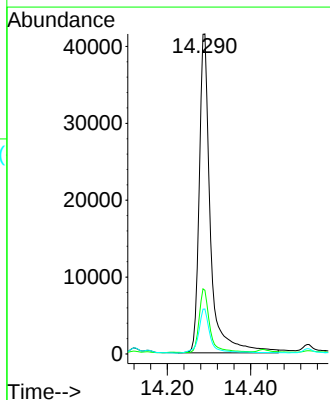
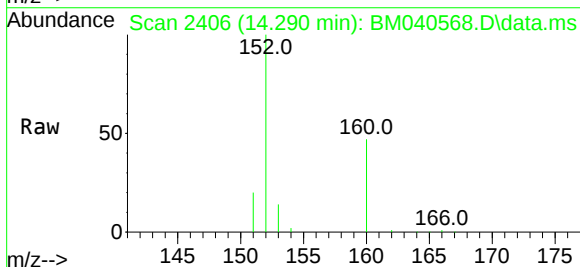
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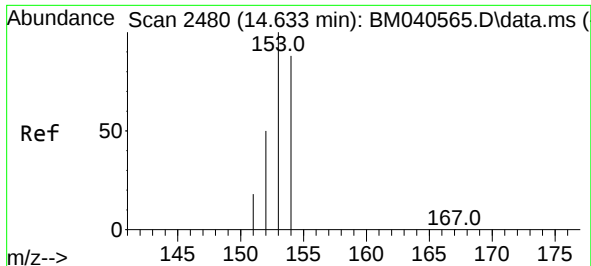
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 1.702 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35

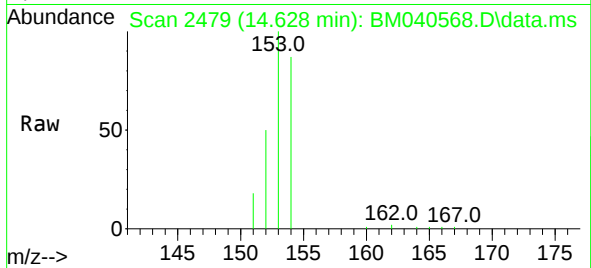
Tgt Ion:152 Resp: 77665
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 1.041 ng/ul
RT: 14.628 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35

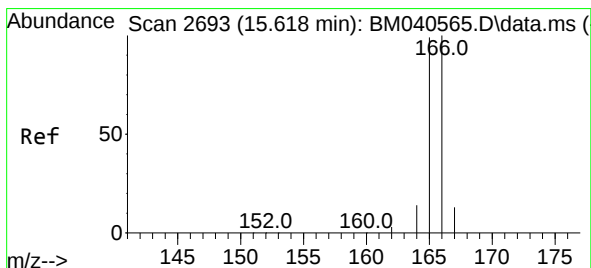
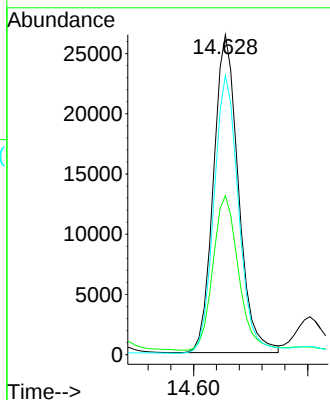
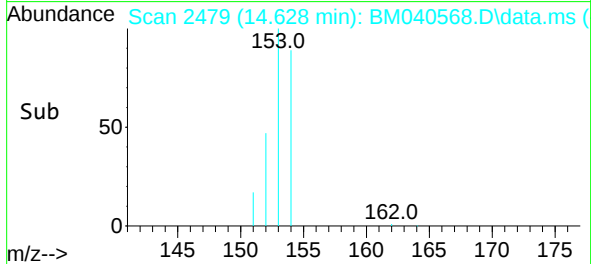
Instrument :
BNA_M
ClientSampleId :
DCGH6



Tgt Ion:153 Resp: 4011
Ion Ratio Lower Upper
153 100
152 49.7 41.0 61.4
154 87.3 70.8 106.2

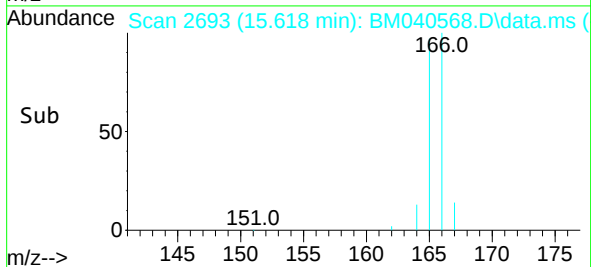
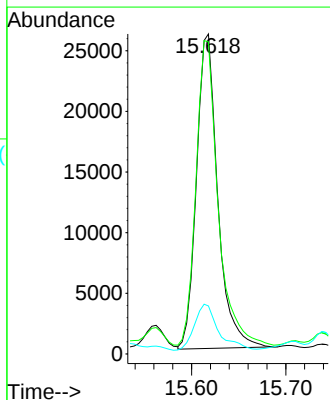
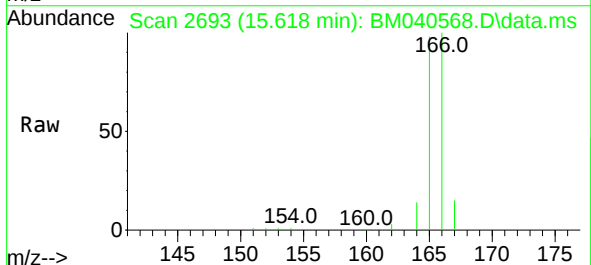
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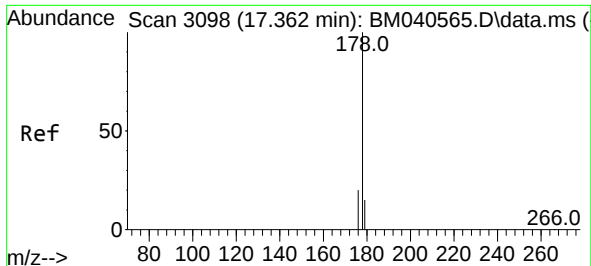
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.989 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.000 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35

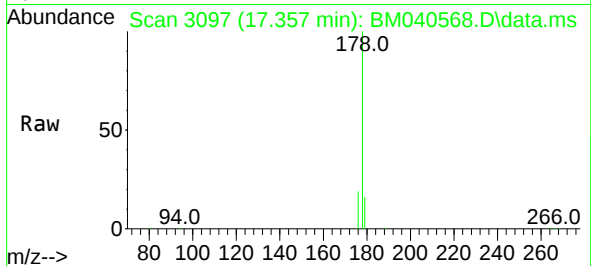
Tgt Ion:166 Resp: 40671
Ion Ratio Lower Upper
166 100
165 97.5 79.6 119.4
167 15.0 11.4 17.0





#15
Phenanthrene
Concen: 18.260 ng/ul
RT: 17.357 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35

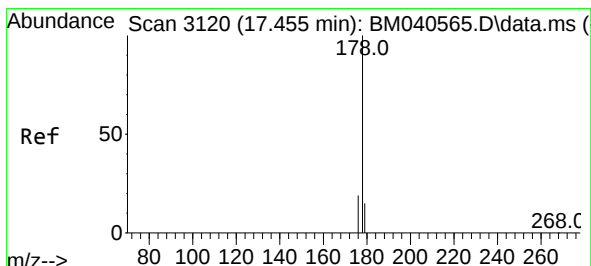
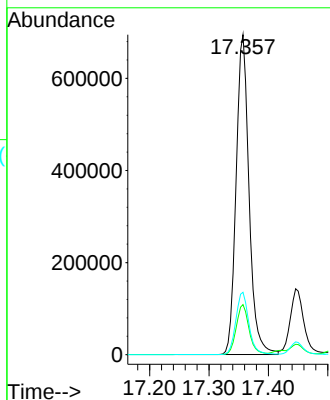
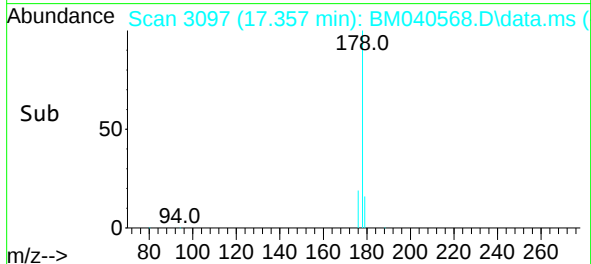
Instrument :
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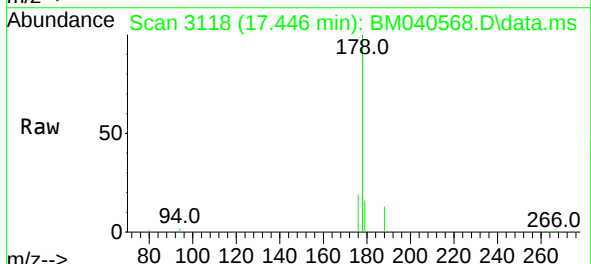
Tgt Ion:178 Resp: 1050958
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.5 16.4 24.6

Manual Integrations
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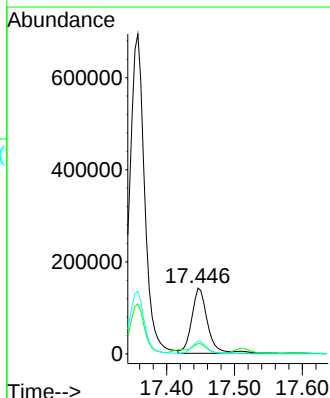
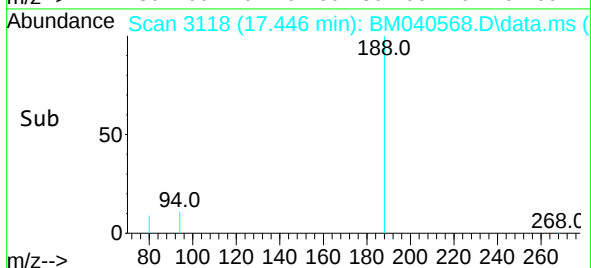
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

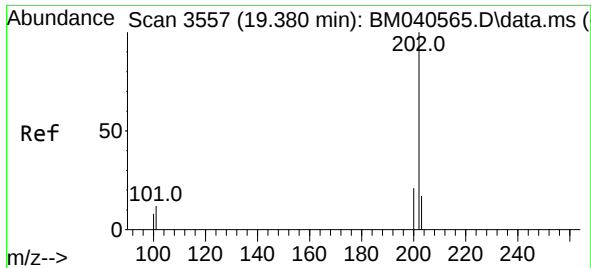


#16
Anthracene
Concen: 4.792 ng/ul
RT: 17.446 min Scan# 3118
Delta R.T. -0.009 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35



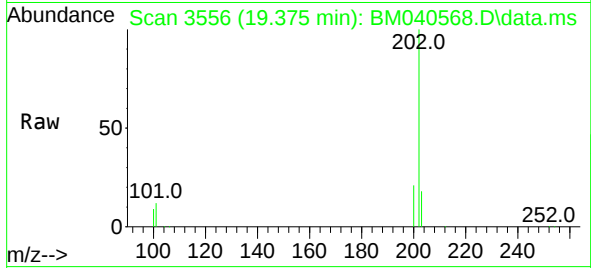
Tgt Ion:178 Resp: 231763
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.4 15.8 23.6





#19
Fluoranthene
Concen: 43.117 ng/ul
RT: 19.375 min Scan# 3556
Delta R.T. -0.005 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35

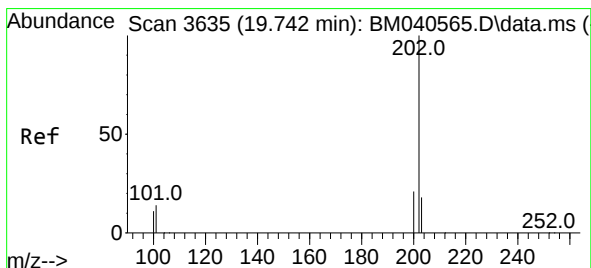
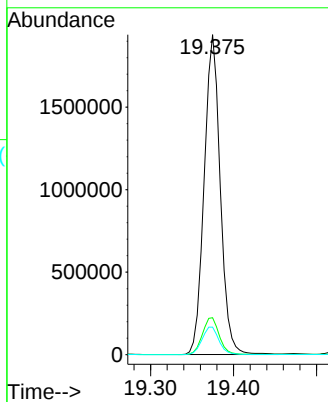
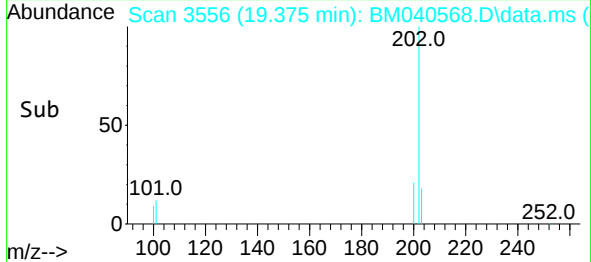
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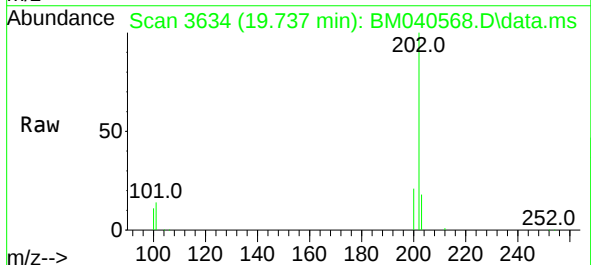
Tgt Ion:202 Resp: 261964
Ion Ratio Lower Upper
202 100
101 11.6 11.4 17.0
100 8.6 8.7 13.1

Manual Integrations
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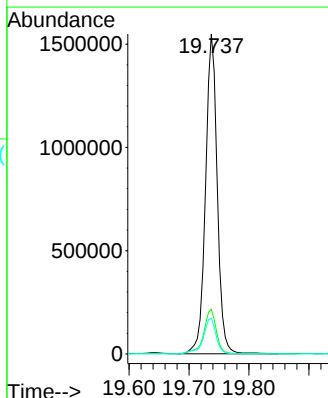
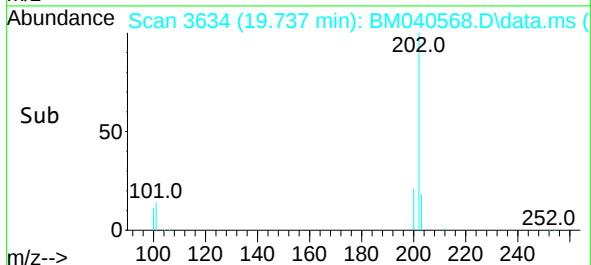
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

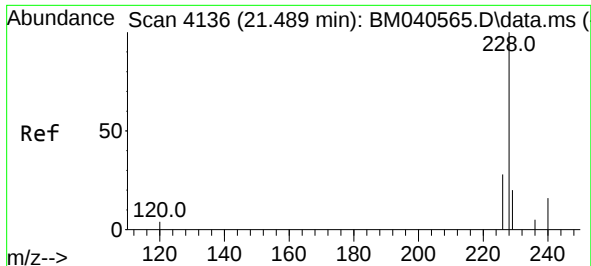


#20
Pyrene
Concen: 32.149 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.005 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35



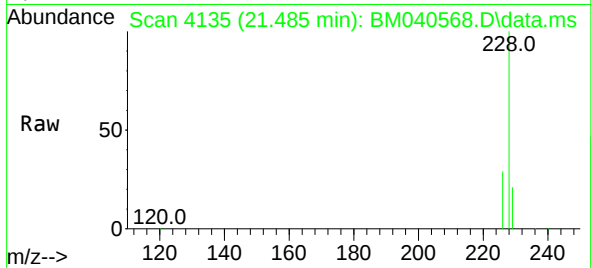
Tgt Ion:202 Resp: 2094075
Ion Ratio Lower Upper
202 100
101 13.9 12.6 18.8
100 11.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 21.080 ng/u1
RT: 21.485 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35

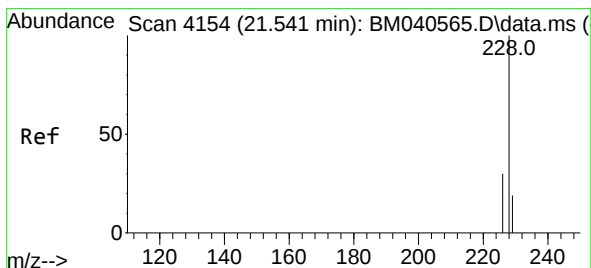
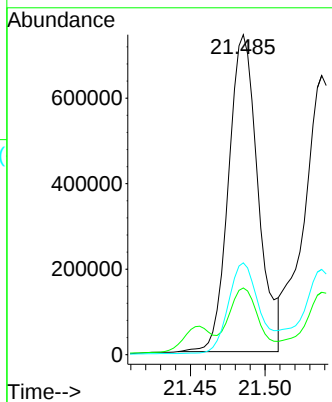
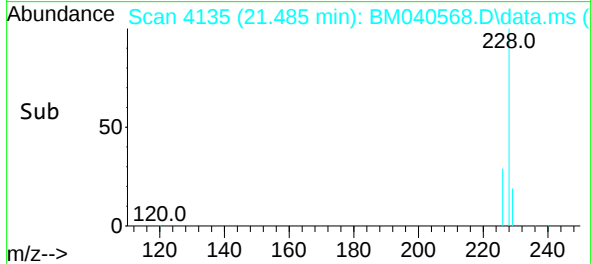
Instrument :
BNA_M
ClientSampleId :
DCGH6



Tgt Ion:228 Resp: 1019864
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.7 22.3 33.5

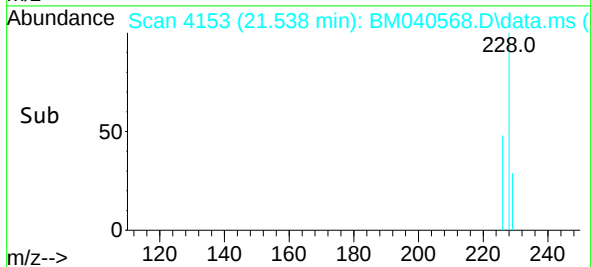
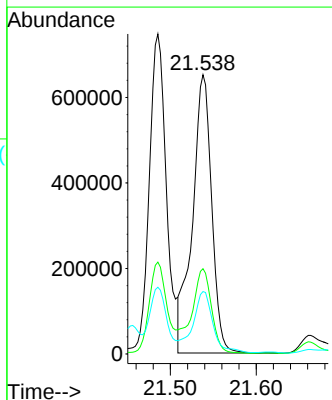
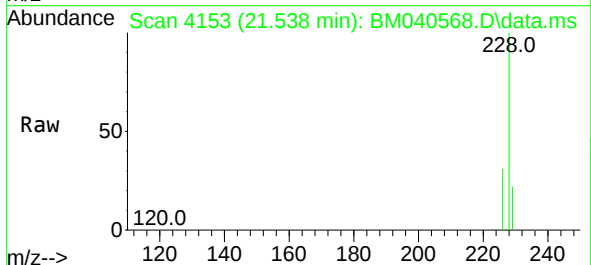
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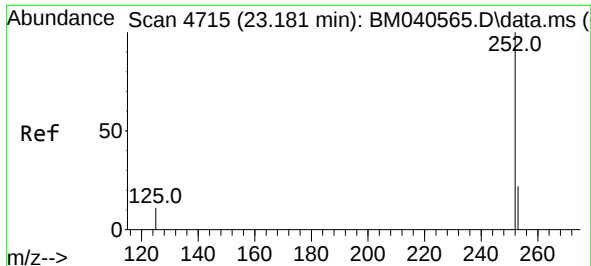
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 18.398 ng/u1
RT: 21.538 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35

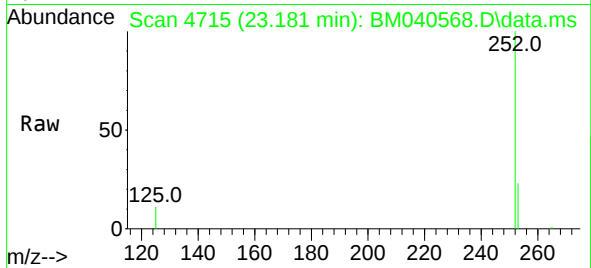
Tgt Ion:228 Resp: 1015312
Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 26.346 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. -0.000 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35

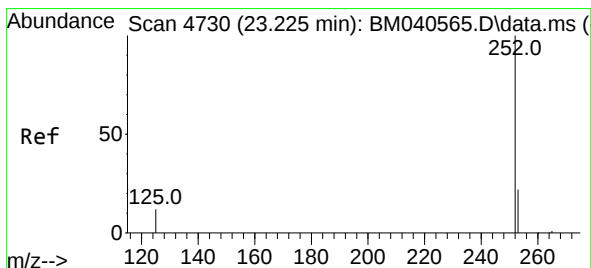
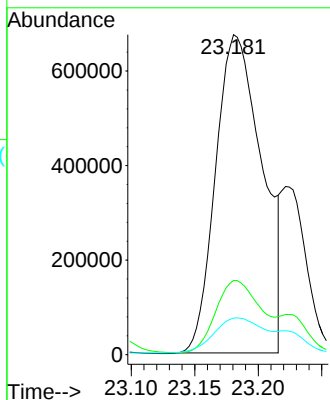
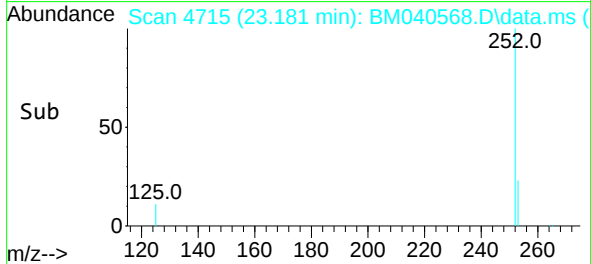
Instrument :
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Tgt Ion:252 Resp: 171515
Ion Ratio Lower Upper
252 100
253 23.2 0.0 52.8
125 11.5 0.0 43.0

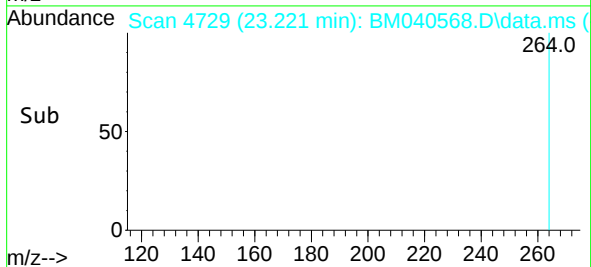
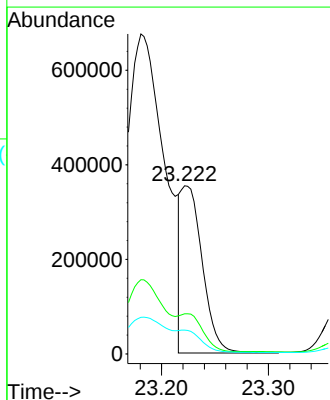
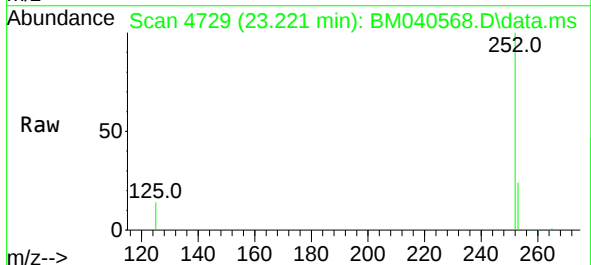
Manual Integrations
APPROVED

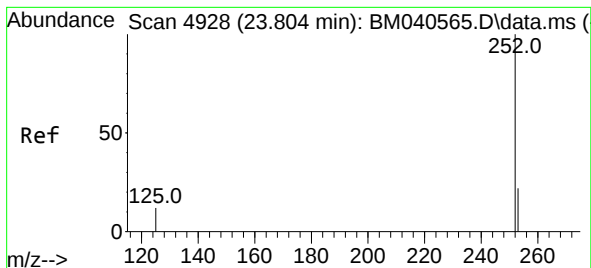
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 7.726 ng/ul m
RT: 23.221 min Scan# 4729
Delta R.T. -0.003 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35

Tgt Ion:252 Resp: 495689
Ion Ratio Lower Upper
252 100
253 23.9 21.2 31.8
125 14.2 16.4 24.6#





#26

Benzo(a)pyrene

Concen: 17.545 ng/ul

RT: 23.809 min Scan# 4928

Delta R.T. 0.006 min

Lab File: BM040568.D

Acq: 03 Jul 2023 10:35

Instrument :

BNM

ClientSampleId :

DCGH6

Tgt Ion:252 Resp: 102886

Ion Ratio Lower Upper

252 100

253 23.4 22.9 34.3

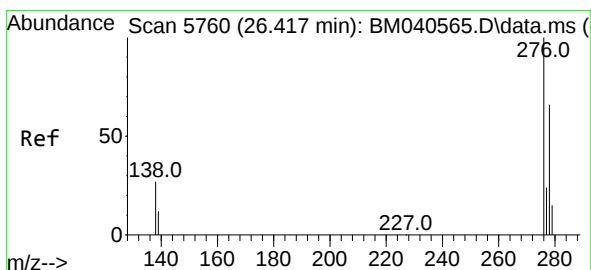
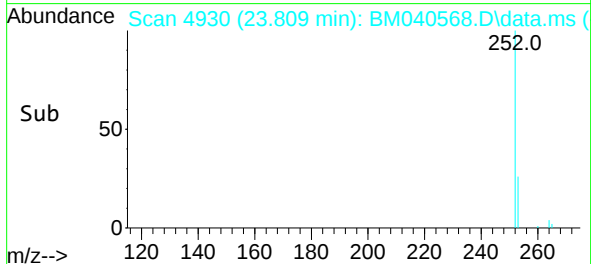
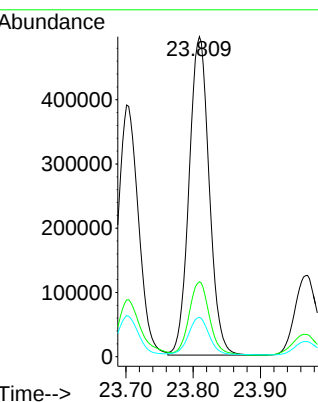
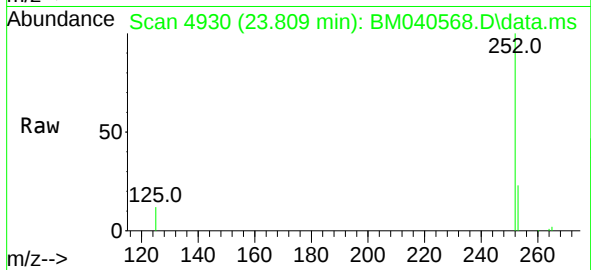
125 12.3 21.0 31.4

Manual Integrations

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Supervised By :Sohil Jodhani 07/04/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 11.063 ng/ul

RT: 26.420 min Scan# 5761

Delta R.T. 0.003 min

Lab File: BM040568.D

Acq: 03 Jul 2023 10:35

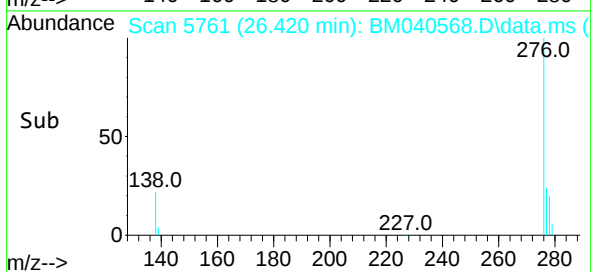
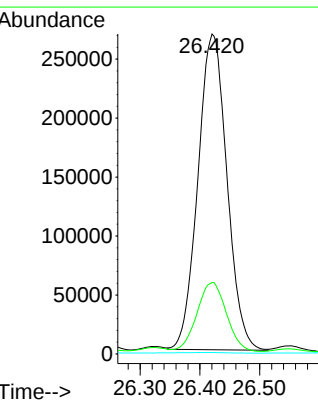
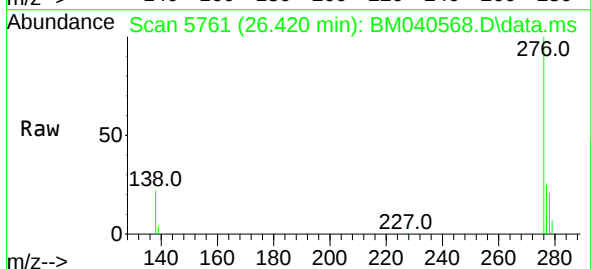
Tgt Ion:276 Resp: 903473

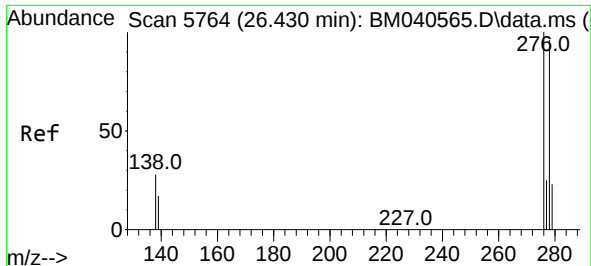
Ion Ratio Lower Upper

276 100

138 22.1 24.5 36.7#

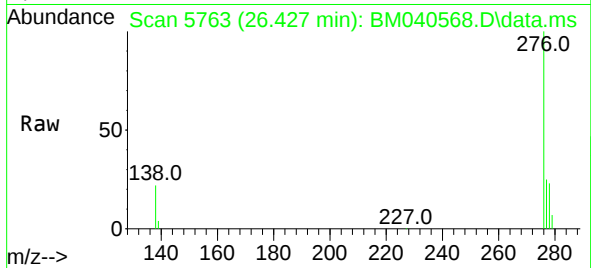
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 3.340 ng/ul
RT: 26.427 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35

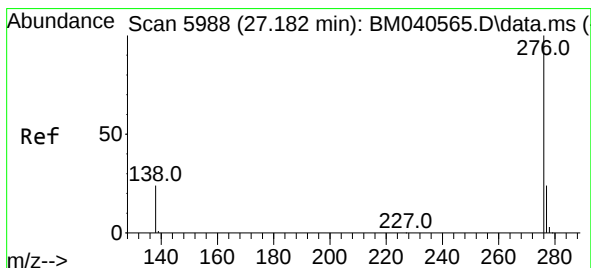
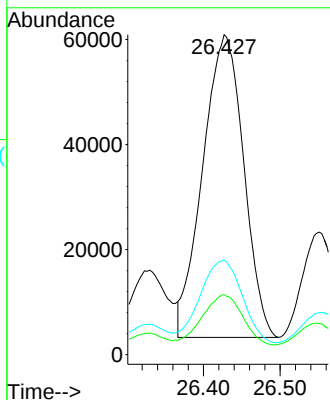
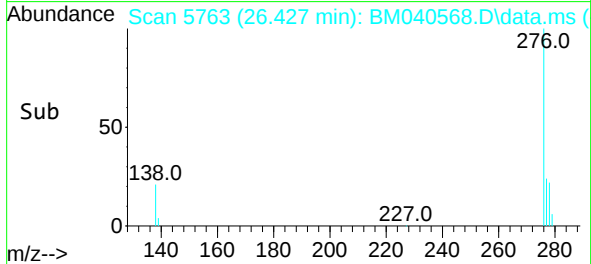
Instrument :
BNA_M
ClientSampleId :
DCGH6



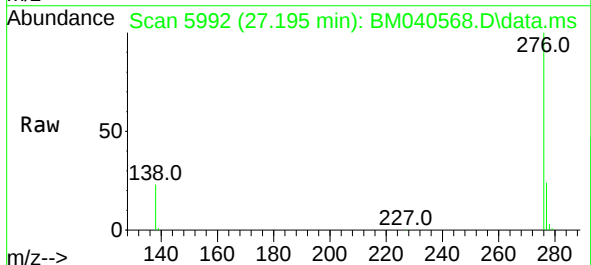
Tgt Ion:278 Resp: 21360
Ion Ratio Lower Upper
278 100
139 18.7 17.9 26.9
279 29.6 22.0 33.0

Manual Integrations
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Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#29
Benzo(g,h,i)perylene
Concen: 11.664 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.013 min
Lab File: BM040568.D
Acq: 03 Jul 2023 10:35



Tgt Ion:276 Resp: 834920
Ion Ratio Lower Upper
276 100
138 23.0 23.0 34.6#
277 24.3 20.3 30.5

