

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040567.D
 Acq On : 03 Jul 2023 09:58
 Operator : MA/JU
 Sample : 03245-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGH8

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 13:56:20 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	7.924	152	6485	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	23106	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.568	164	10587	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	20802	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	12553	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	12771	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	21915	2.151	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	4727	0.146	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	7226	0.180	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.784	128	3073	0.048	ng/ul#	85
7) 2-Methylnaphthalene	12.395	142	1886	0.050	ng/ul	97
8) 1-Methylnaphthalene	12.615	142	1402	0.037	ng/ul	97
10) Acenaphthylene	14.290	152	3099	0.066	ng/ul#	87
11) Acenaphthene	14.628	153	1183	0.030	ng/ul	94
12) Fluorene	15.618	166	1028	0.024	ng/ul#	91
15) Phenanthrene	17.358	178	23566	0.365	ng/ul	99
16) Anthracene	17.450	178	5232	0.096	ng/ul#	90
19) Fluoranthene	19.375	202	62246	1.167	ng/ul	99
20) Pyrene	19.737	202	52468	0.918	ng/ul	98
21) Benzo(a)anthracene	21.488	228	28959	0.682	ng/ul	96
22) Chrysene	21.541	228	39795	0.822	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	71612	1.449	ng/ul	97
25) Benzo(k)fluoranthene	23.225	252	20224m	0.415	ng/ul	
26) Benzo(a)pyrene	23.812	252	37639	0.845	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.420	276	41368	0.667	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.427	278	9874	0.203	ng/ul#	73
29) Benzo(g,h,i)perylene	27.195	276	38671	0.712	ng/ul	100

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

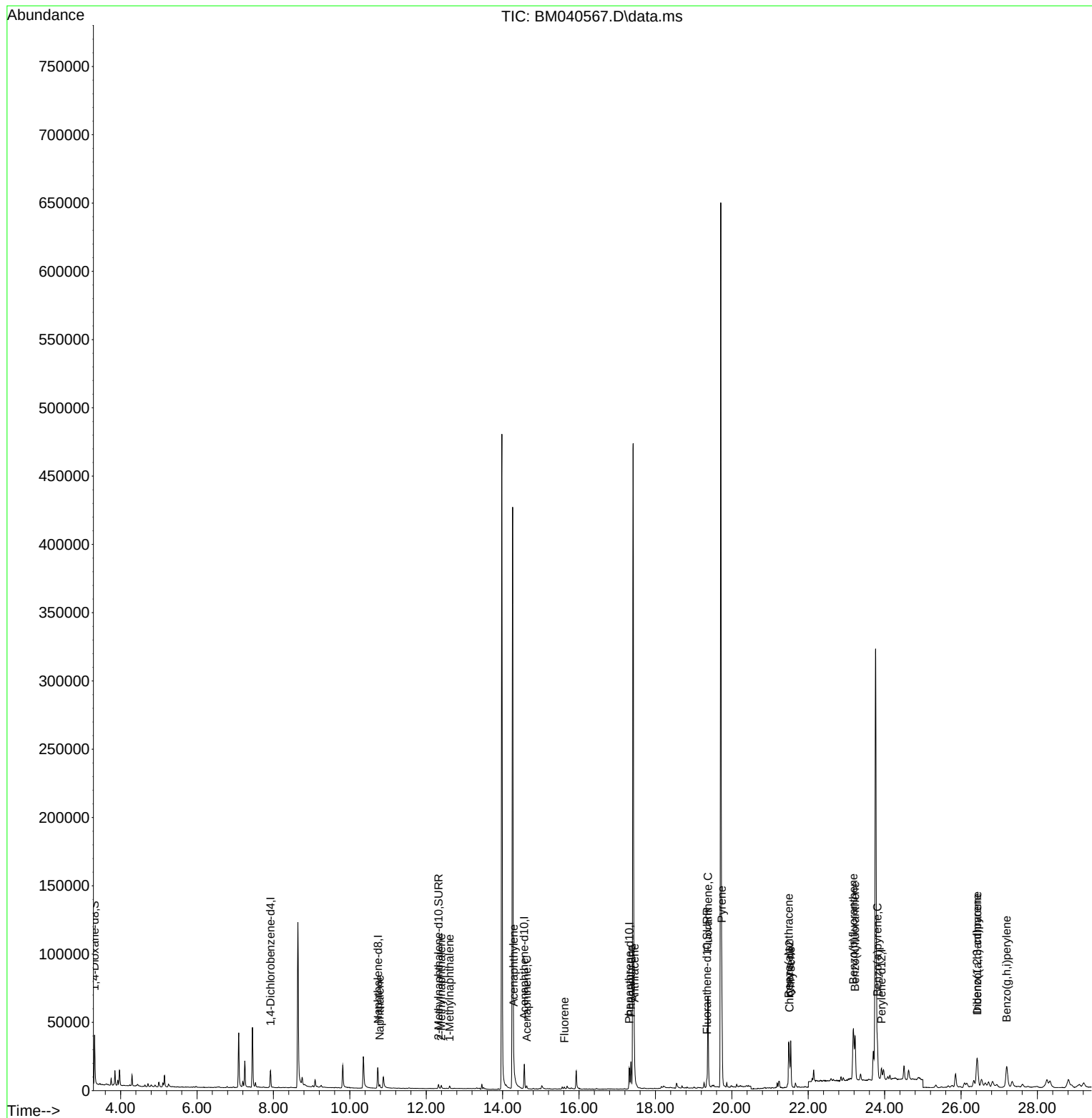
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040567.D
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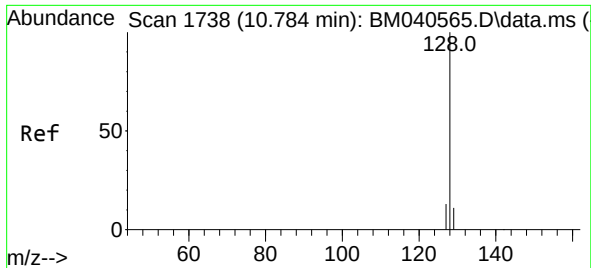
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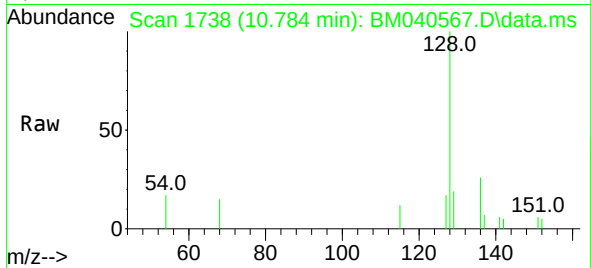
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.784 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

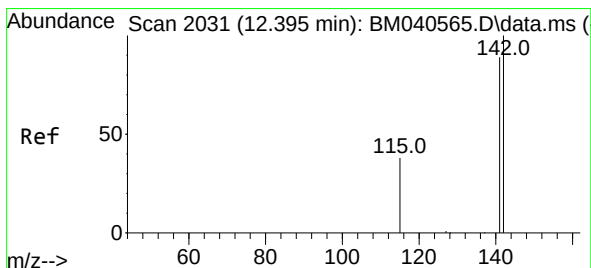
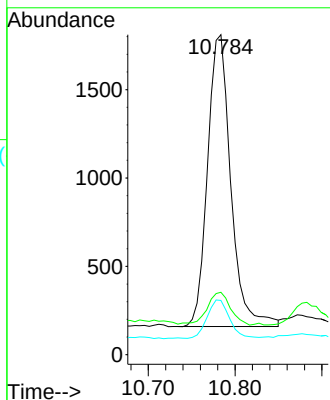
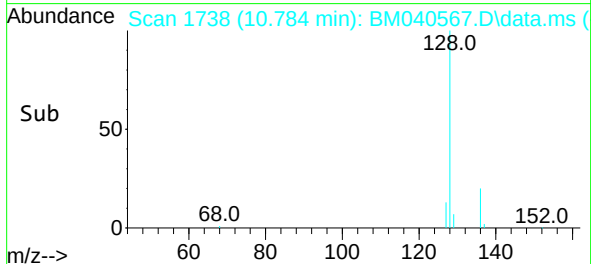
Instrument :
BNA_M
ClientSampleId :
DCGH8



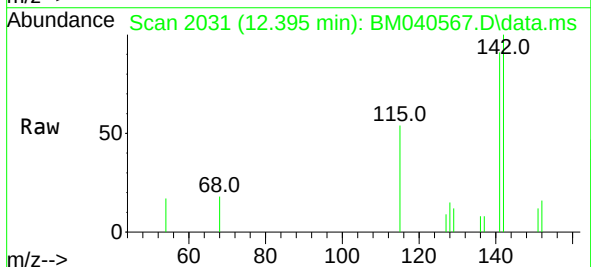
Tgt Ion:128 Resp: 3072
Ion Ratio Lower Upper
128 100
129 19.5 9.2 13.8
127 17.0 10.6 15.8

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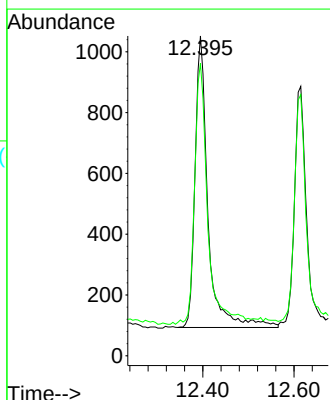
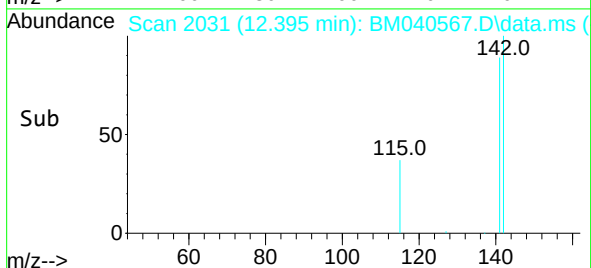
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

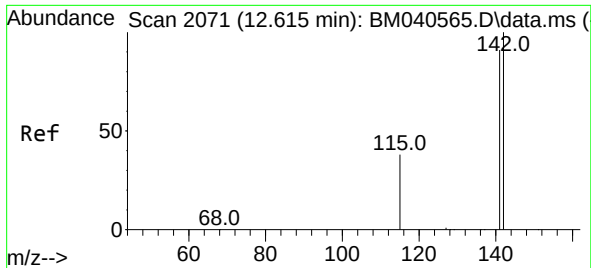


#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58



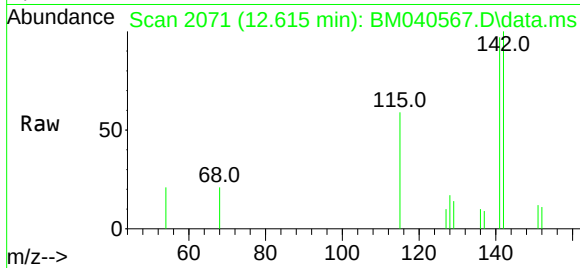
Tgt Ion:142 Resp: 1886
Ion Ratio Lower Upper
142 100
141 93.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

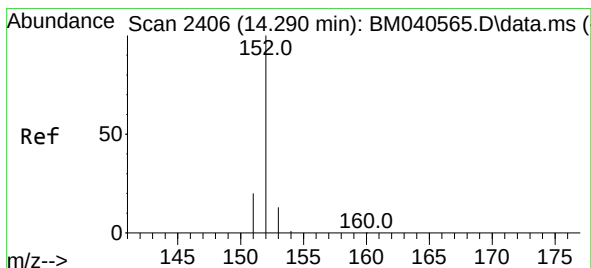
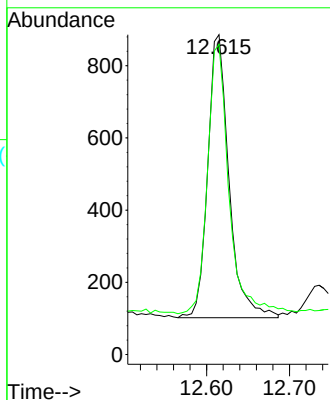
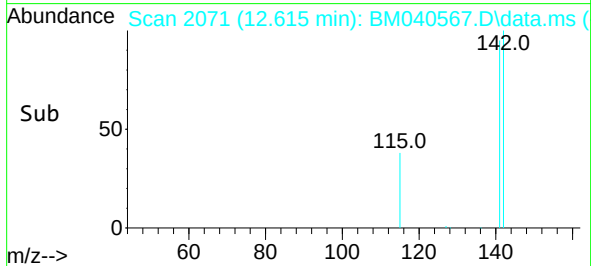
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 1402
Ion Ratio Lower Upper
142 100
141 94.8 73.7 110.5

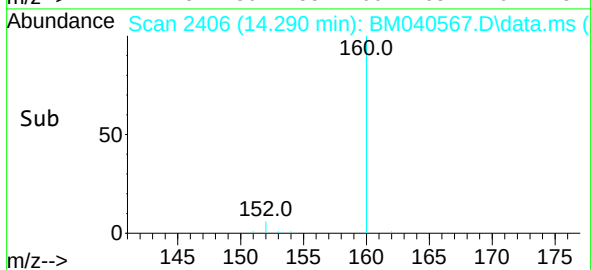
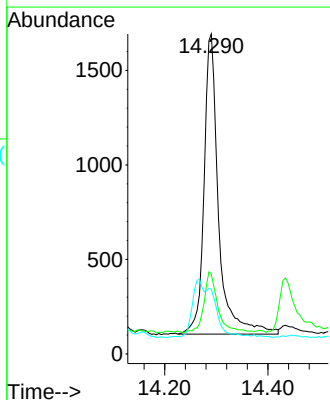
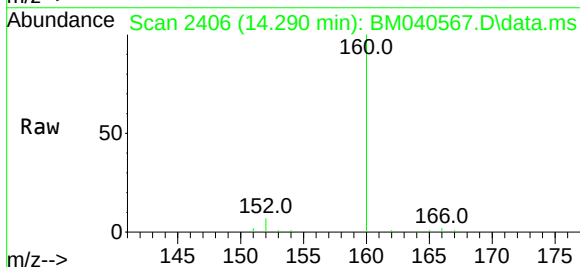
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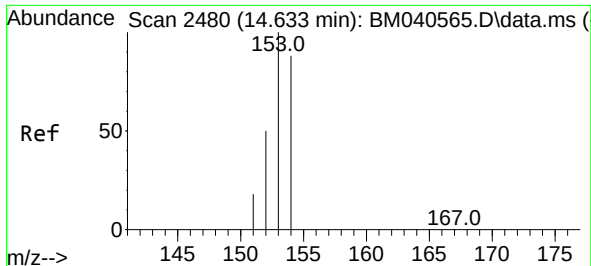
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

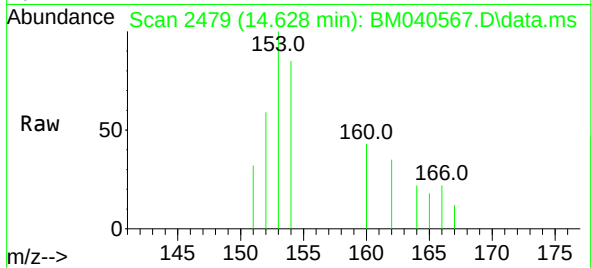
Tgt Ion:152 Resp: 3099
Ion Ratio Lower Upper
152 100
151 25.0 16.2 24.2#
153 20.2 10.9 16.3#





#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.628 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

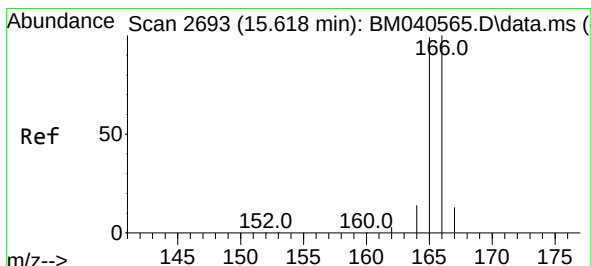
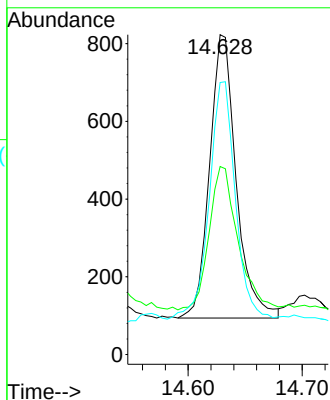
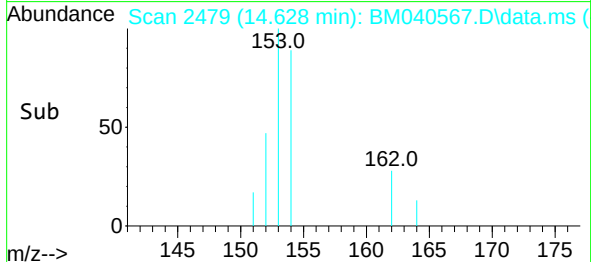
Instrument :
BNA_M
ClientSampleId :
DCGH8



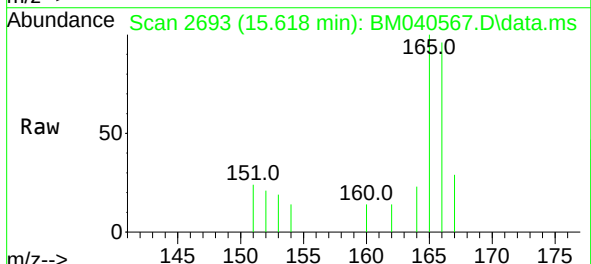
Tgt Ion:153 Resp: 118
Ion Ratio Lower Upper
153 100
152 58.8 41.0 61.4
154 85.1 70.8 106.2

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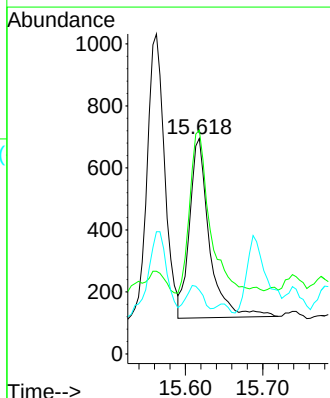
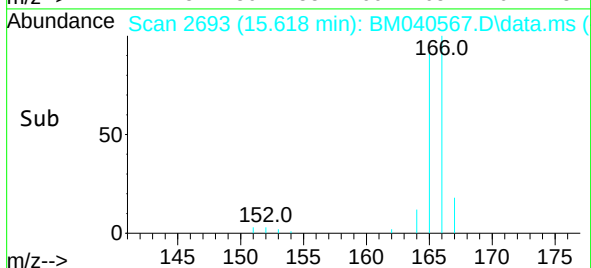
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

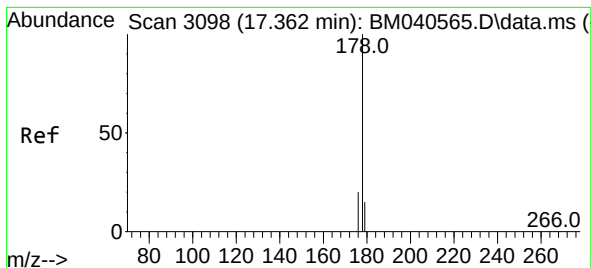


#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.000 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58



Tgt Ion:166 Resp: 1028
Ion Ratio Lower Upper
166 100
165 103.9 79.6 119.4
167 29.6 11.4 17.0#





#15

Phenanthrene

Concen: 0.365 ng/ul

RT: 17.358 min Scan# 3098

Delta R.T. -0.004 min

Lab File: BM040567.D

Acq: 03 Jul 2023 09:58

Instrument :

BNA_M

ClientSampleId :

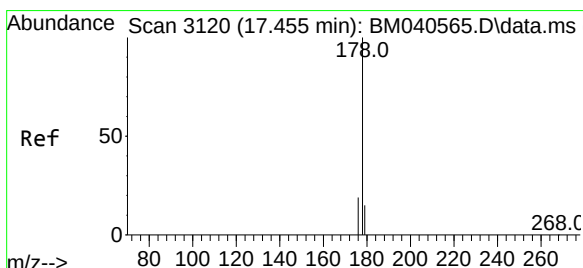
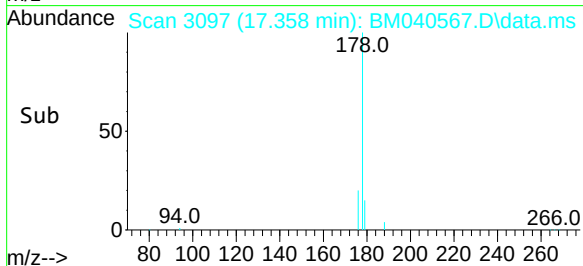
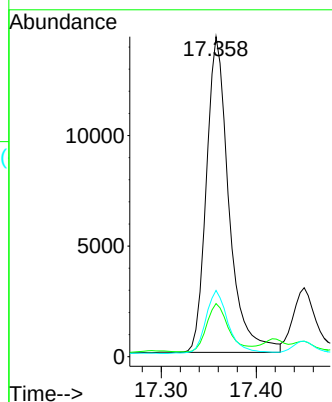
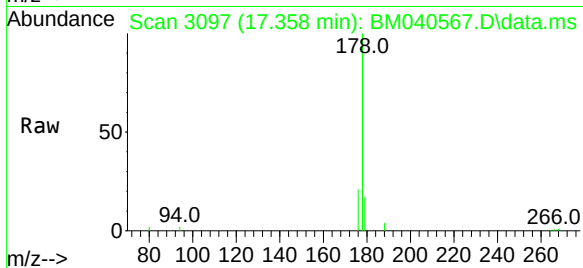
DCGH8

Tgt Ion:	178	Resp:	2356
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.8	19.2
176	20.7	16.4	24.6

Manual Integrations

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Supervised By :Sohil Jodhani 07/04/2023



#16

Anthracene

Concen: 0.096 ng/ul

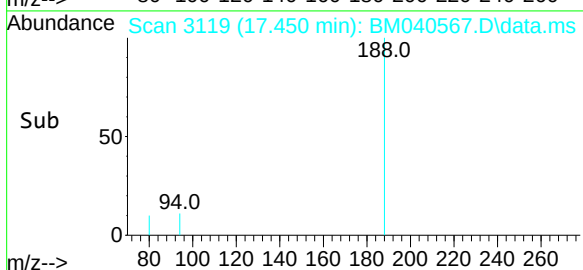
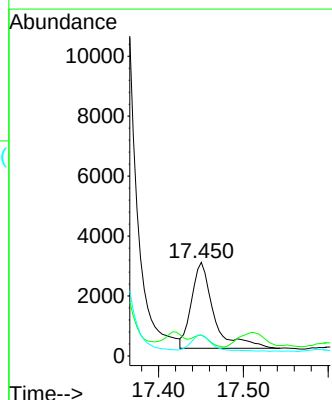
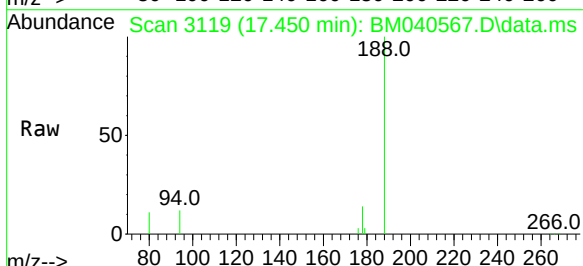
RT: 17.450 min Scan# 3119

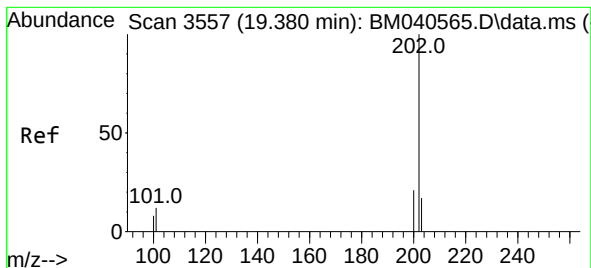
Delta R.T. -0.004 min

Lab File: BM040567.D

Acq: 03 Jul 2023 09:58

Tgt Ion:	178	Resp:	5232
Ion Ratio	Lower	Upper	
178	100		
179	22.5	12.9	19.3#
176	22.3	15.8	23.6





#19

Fluoranthene

Concen: 1.167 ng/ul

RT: 19.375 min Scan# 3556

Delta R.T. -0.005 min

Lab File: BM040567.D

Acq: 03 Jul 2023 09:58

Instrument :

BNA_M

ClientSampleId :

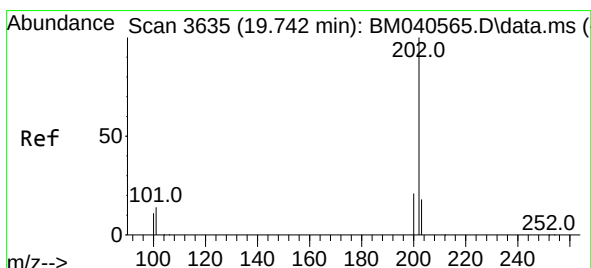
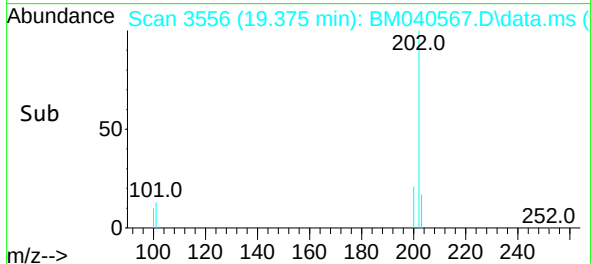
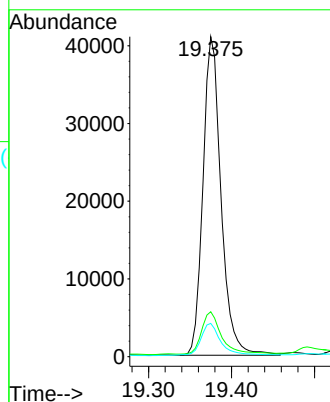
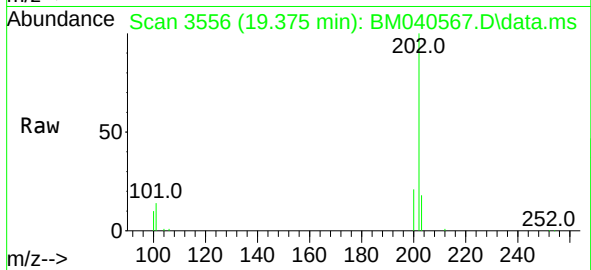
DCGH8

Tgt Ion:	202	Resp:	62240
Ion Ratio	Lower	Upper	
202	100		
101	14.0	11.4	17.0
100	10.4	8.7	13.1

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#20

Pyrene

Concen: 0.918 ng/ul

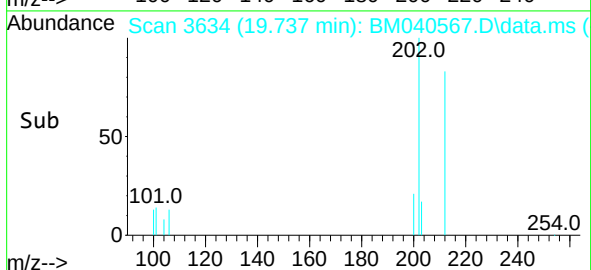
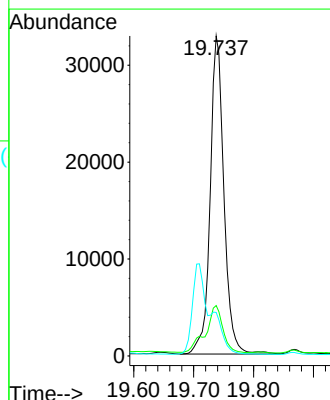
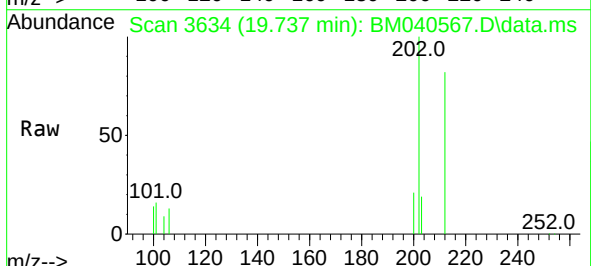
RT: 19.737 min Scan# 3634

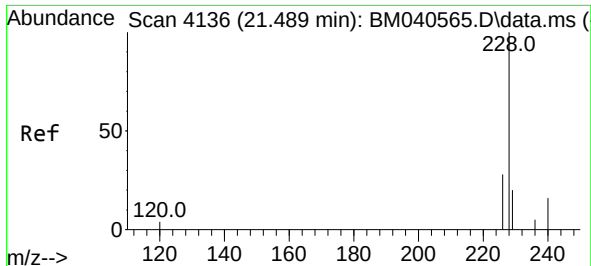
Delta R.T. -0.005 min

Lab File: BM040567.D

Acq: 03 Jul 2023 09:58

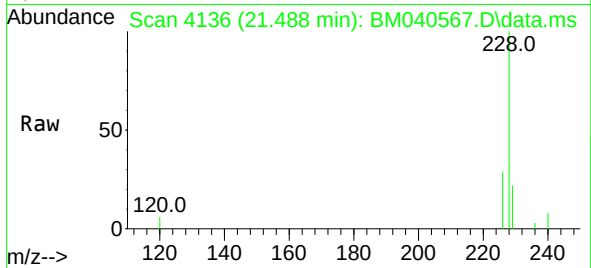
Tgt Ion:	202	Resp:	52468
Ion Ratio	Lower	Upper	
202	100		
101	15.7	12.6	18.8
100	13.6	9.8	14.6





#21
Benzo(a)anthracene
Concen: 0.682 ng/u1
RT: 21.488 min Scan# 4136
Delta R.T. -0.000 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

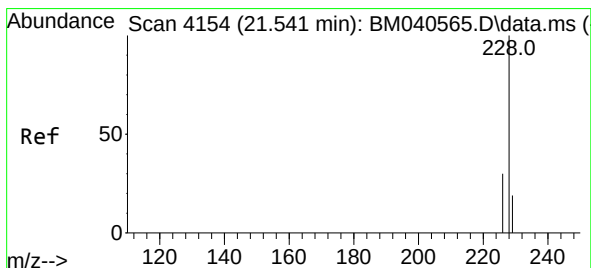
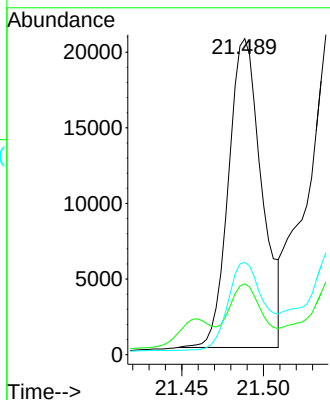
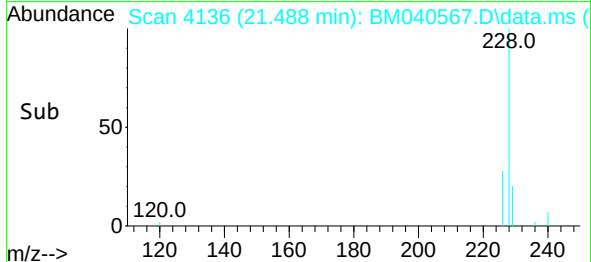
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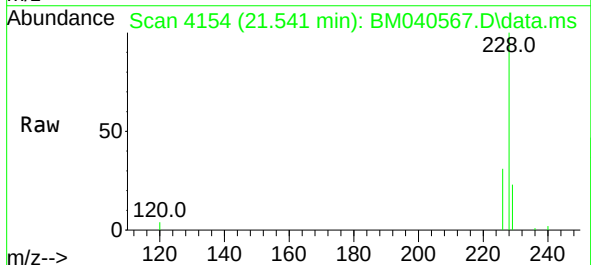
Tgt Ion:228 Resp: 2895
Ion Ratio Lower Upper
228 100
229 22.4 16.0 24.0
226 29.2 22.3 33.5

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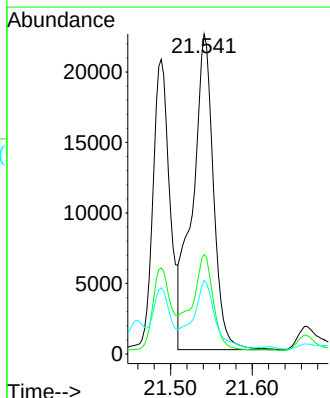
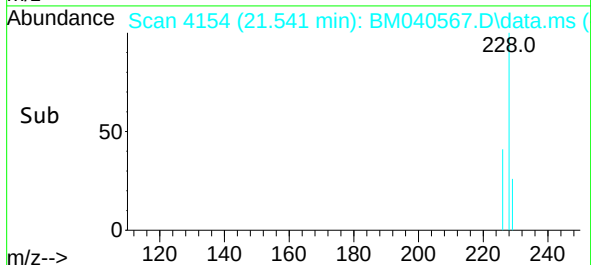
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

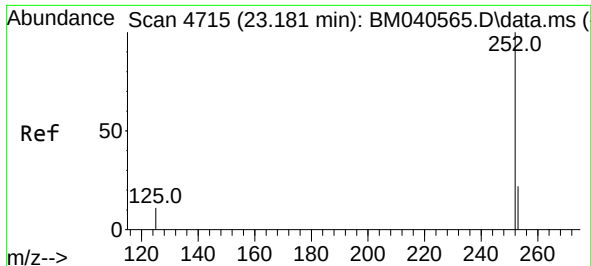


#22
Chrysene
Concen: 0.822 ng/u1
RT: 21.541 min Scan# 4154
Delta R.T. -0.000 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58



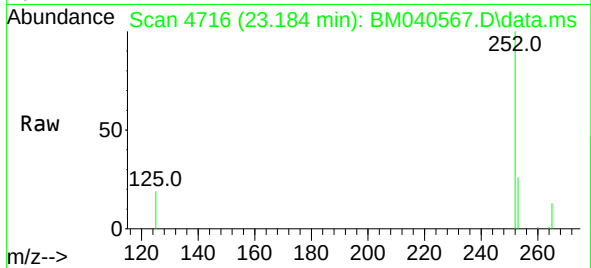
Tgt Ion:228 Resp: 39795
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 23.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.449 ng/ul
RT: 23.184 min Scan# 4715
Delta R.T. 0.003 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

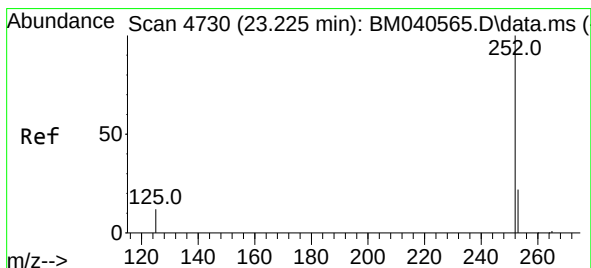
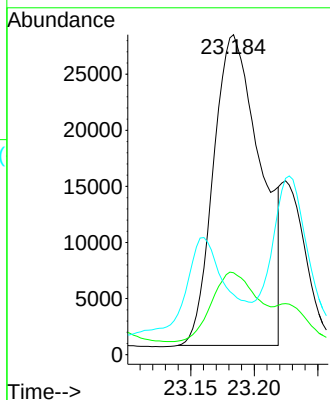
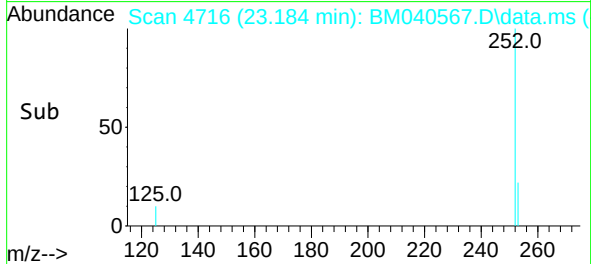
Instrument :
BNA_M
ClientSampleId :
DCGH8



Tgt Ion:252 Resp: 71612
Ion Ratio Lower Upper
252 100
253 25.6 0.0 52.8
125 18.8 0.0 43.0

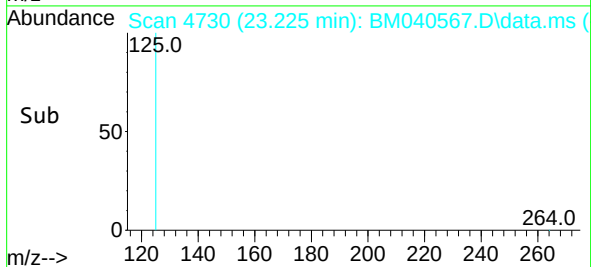
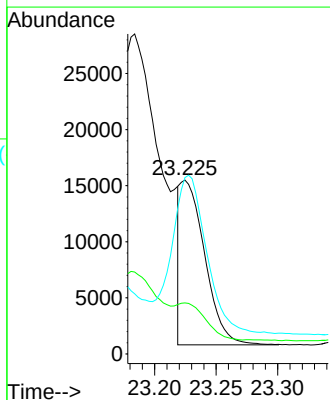
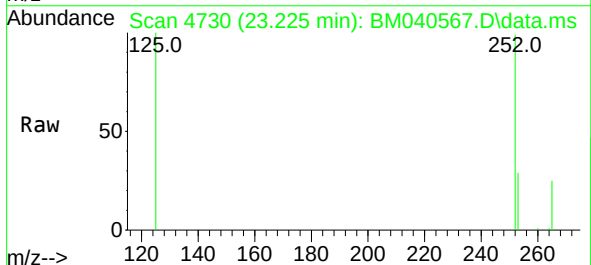
Manual Integrations
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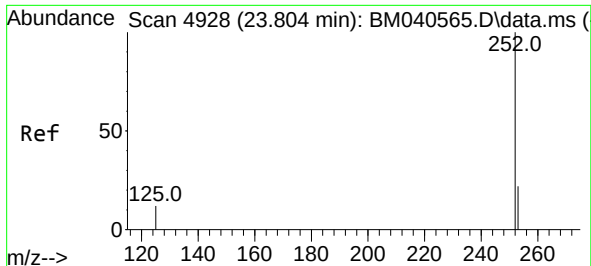
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul m
RT: 23.225 min Scan# 4730
Delta R.T. -0.000 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

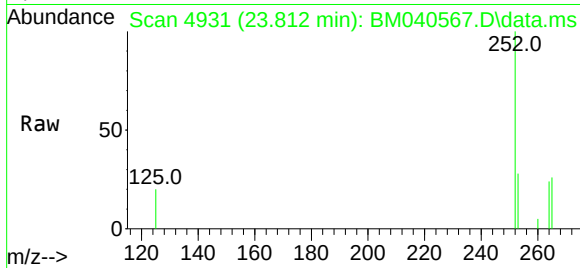
Tgt Ion:252 Resp: 20224
Ion Ratio Lower Upper
252 100
253 29.4 21.2 31.8
125 101.4 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.845 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.009 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

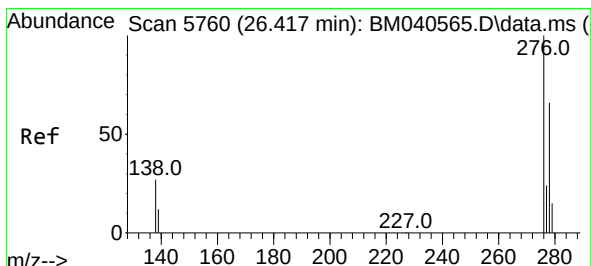
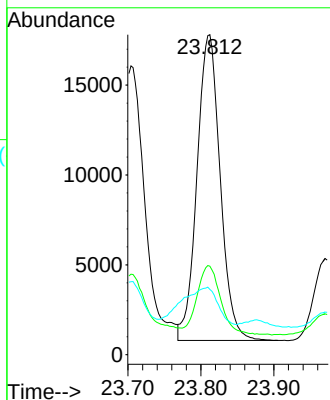
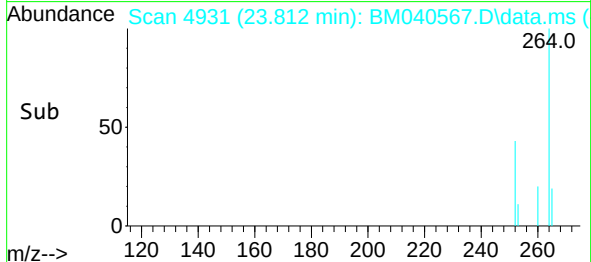
Instrument :
BNA_M
ClientSampleId :
DCGH8



Tgt Ion:252 Resp: 37639
Ion Ratio Lower Upper
252 100
253 27.7 22.9 34.3
125 20.4 21.0 31.4

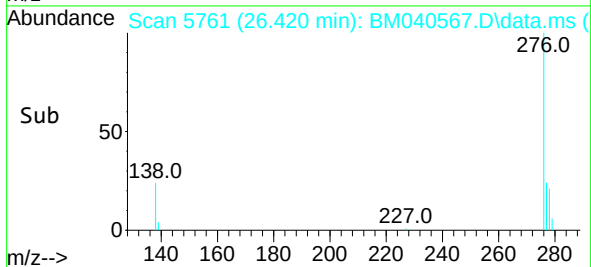
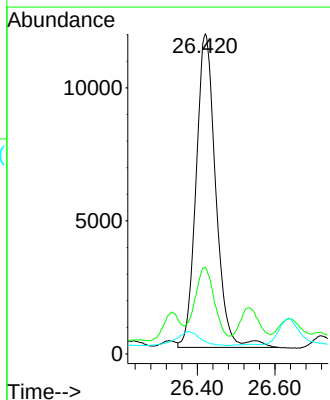
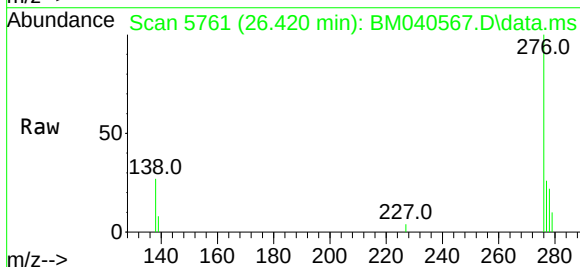
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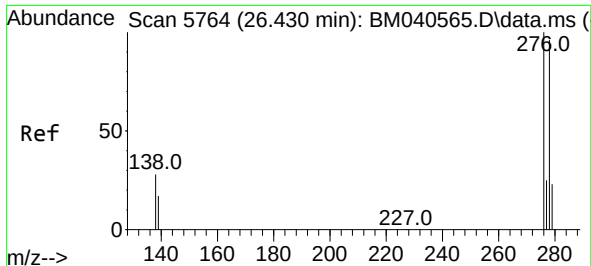
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.667 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.003 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

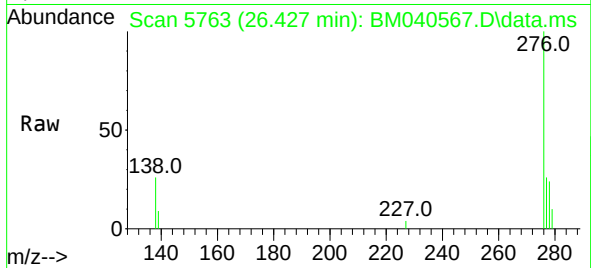
Tgt Ion:276 Resp: 41368
Ion Ratio Lower Upper
276 100
138 21.4 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.203 ng/ul
RT: 26.427 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

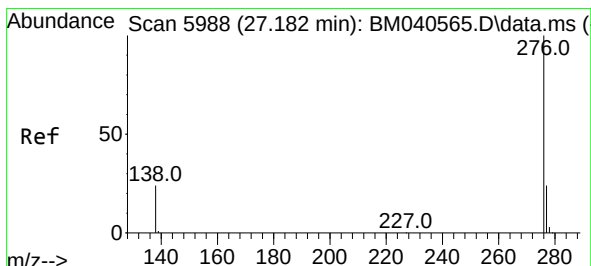
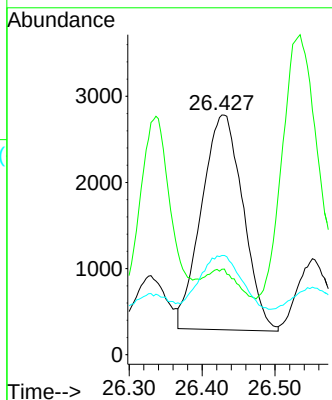
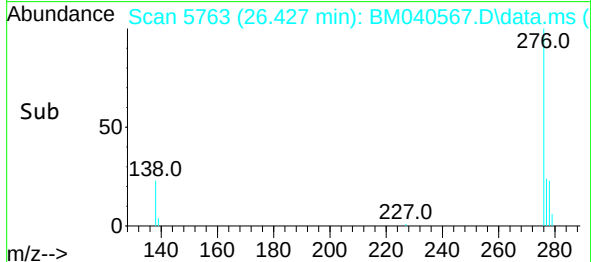
Instrument :
BNA_M
ClientSampleId :
DCGH8



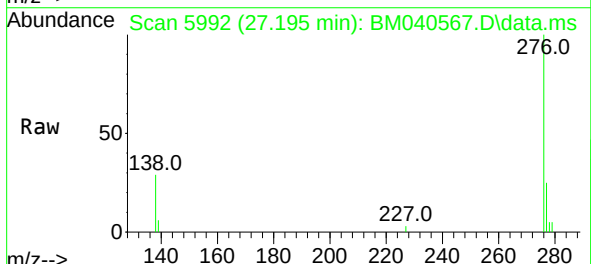
Tgt Ion:278 Resp: 9874
Ion Ratio Lower Upper
278 100
139 35.7 17.9 26.9
279 41.4 22.0 33.0

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: 0.712 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.013 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58



Tgt Ion:276 Resp: 38671
Ion Ratio Lower Upper
276 100
138 28.6 23.0 34.6
277 25.5 20.3 30.5

