

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040575.D
 Acq On : 03 Jul 2023 14:57
 Operator : MA/JU
 Sample : 03245-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGG3

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 01:54:41 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	7.924	152	6059	0.400	ng/ul	0.00
4) Naphthalene-d8	10.728	136	21591	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.568	164	11241	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	21914	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	13843	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	14278	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	36017	3.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	8130	0.269	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	14546	0.328	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.778	128	3451	0.058	ng/ul#	83
7) 2-Methylnaphthalene	12.395	142	3114	0.089	ng/ul	98
8) 1-Methylnaphthalene	12.615	142	3166	0.091	ng/ul	99
10) Acenaphthylene	14.290	152	10417	0.207	ng/ul	96
11) Acenaphthene	14.628	153	12980	0.306	ng/ul	98
12) Fluorene	15.618	166	16558	0.366	ng/ul	99
15) Phenanthrene	17.358	178	460204	6.761	ng/ul	98
16) Anthracene	17.446	178	33772	0.590	ng/ul	97
19) Fluoranthene	19.375	202	779829	13.262	ng/ul	94
20) Pyrene	19.737	202	526998	8.359	ng/ul	98
21) Benzo(a)anthracene	21.485	228	157113	3.355	ng/ul	99
22) Chrysene	21.538	228	219199	4.104	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	255921	4.632	ng/ul	90
25) Benzo(k)fluoranthene	23.222	252	68781m	1.263	ng/ul	
26) Benzo(a)pyrene	23.806	252	125792	2.527	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.414	276	100891	1.455	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.420	278	25865	0.477	ng/ul#	90
29) Benzo(g,h,i)perylene	27.188	276	88316	1.454	ng/ul	96

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

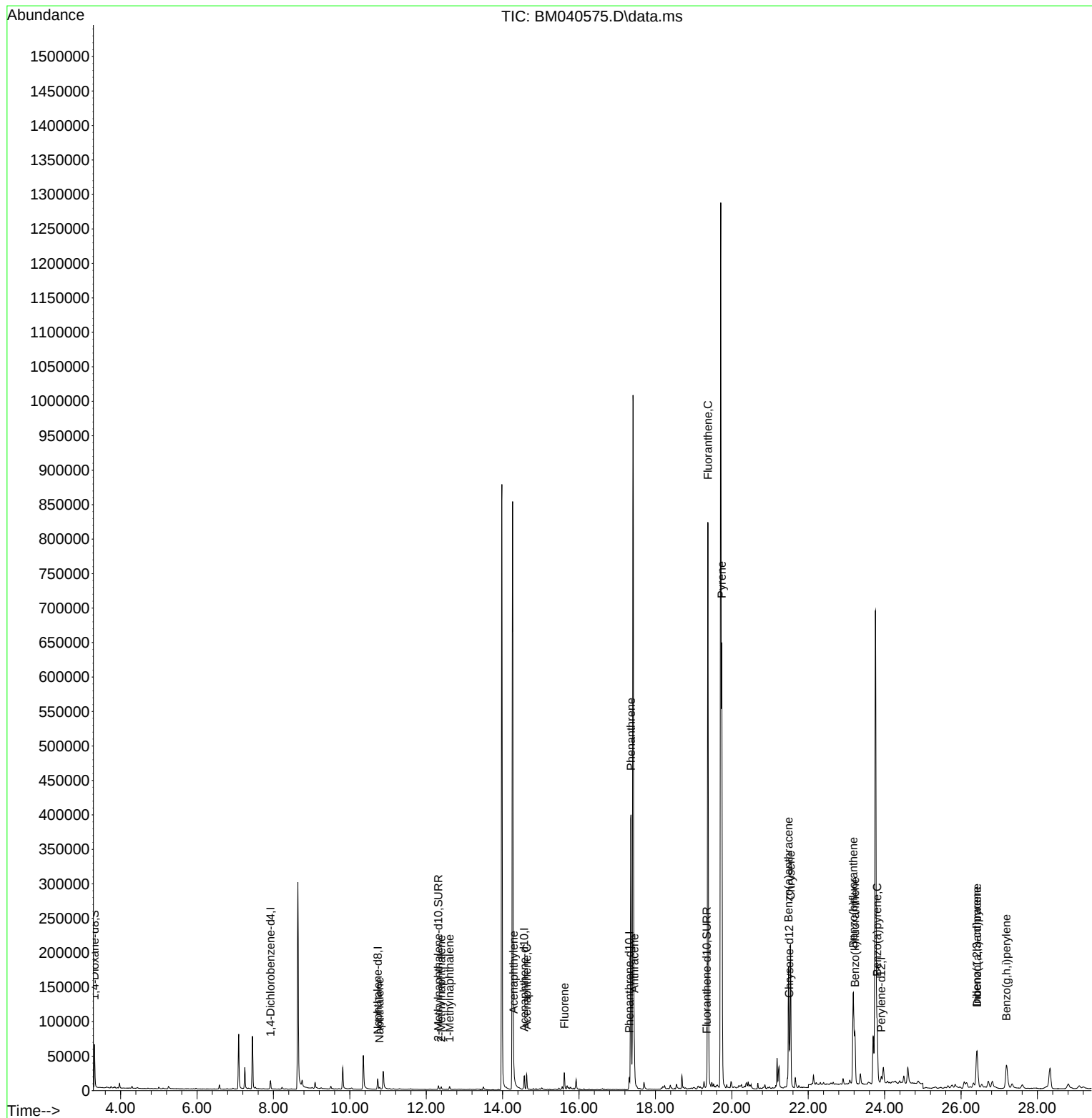
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040575.D
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ALS Vial : 12 Sample Multiplier: 1

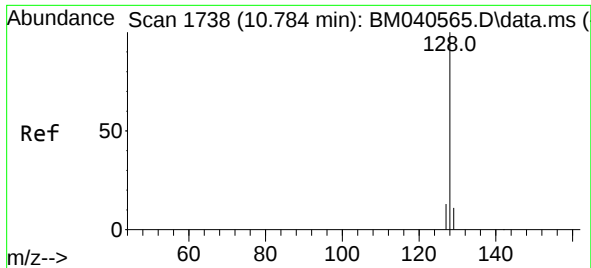
Instrument :
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Quant Time: Jul 04 01:54:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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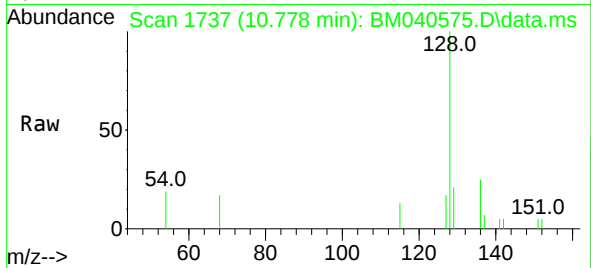
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.778 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

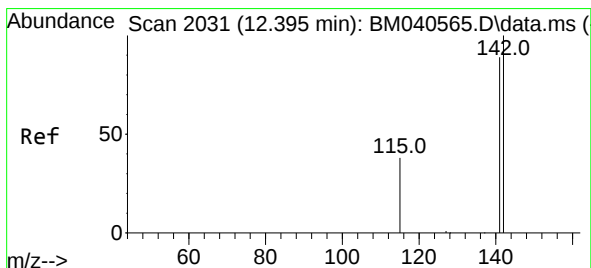
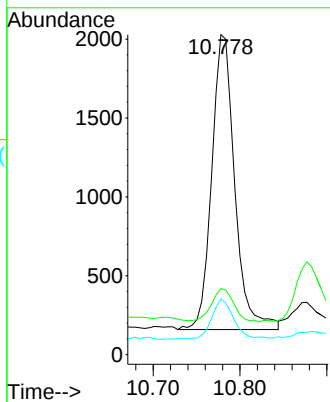
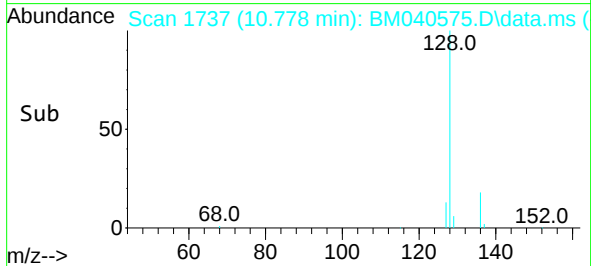
Instrument :
BNA_M
ClientSampleId :
DCGG3



Tgt Ion:128 Resp: 345
Ion Ratio Lower Upper
128 100
129 20.7 9.2 13.8
127 17.4 10.6 15.8

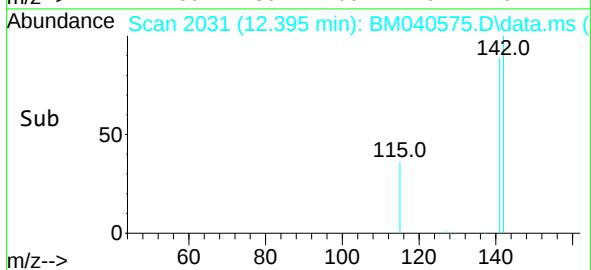
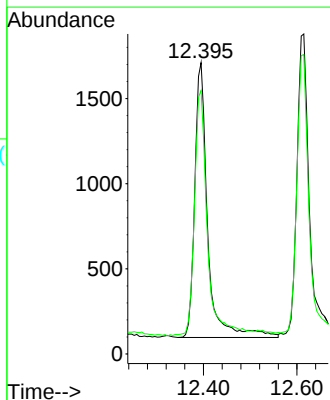
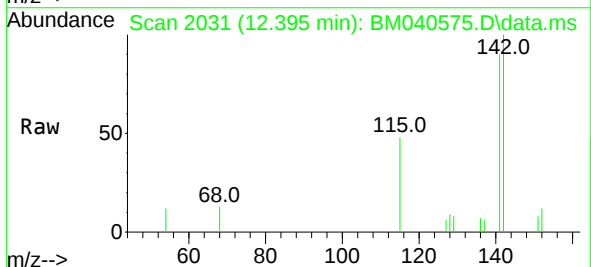
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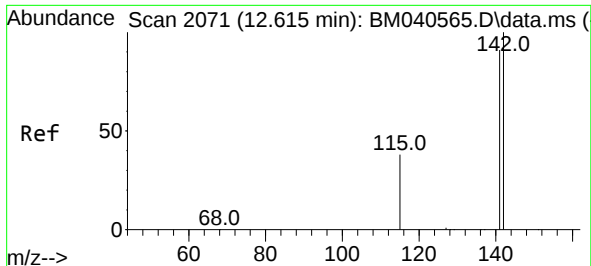
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

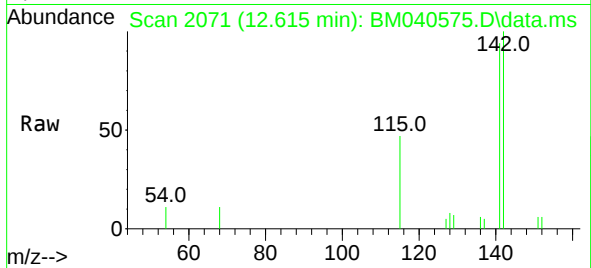
Tgt Ion:142 Resp: 3114
Ion Ratio Lower Upper
142 100
141 91.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

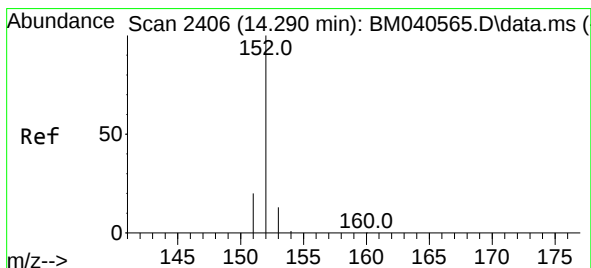
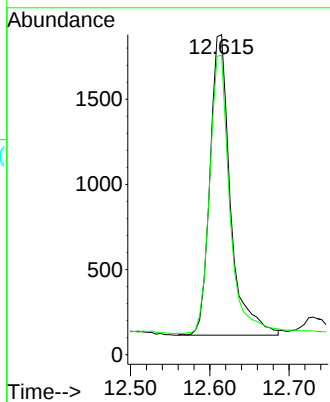
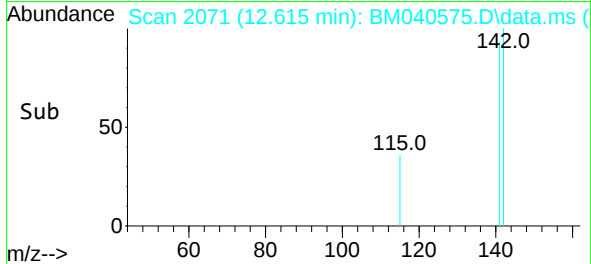
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BNA_M
ClientSampleId :
DCGG3



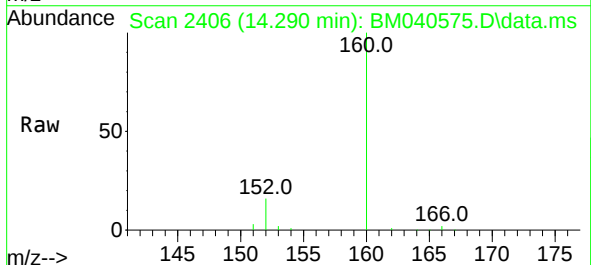
Tgt Ion:142 Resp: 316
Ion Ratio Lower Upper
142 100
141 91.4 73.7 110.5

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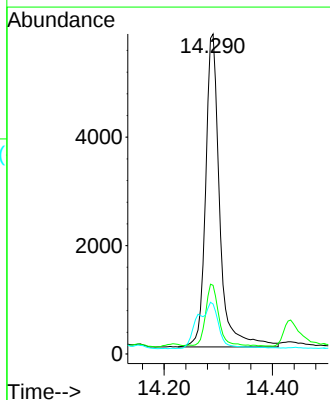
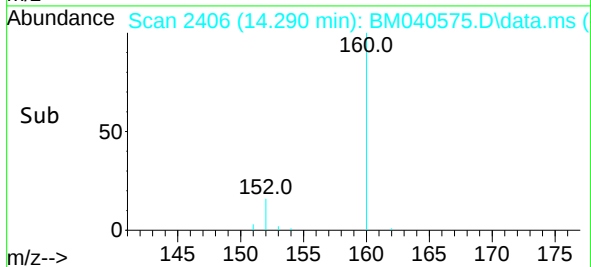
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

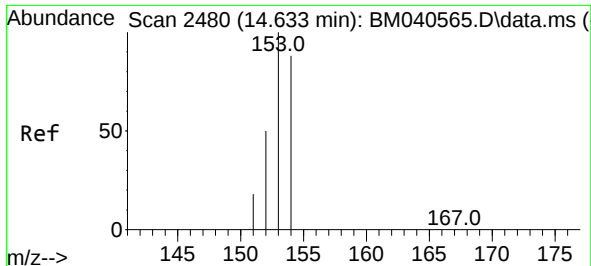


#10
Acenaphthylene
Concen: 0.207 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57



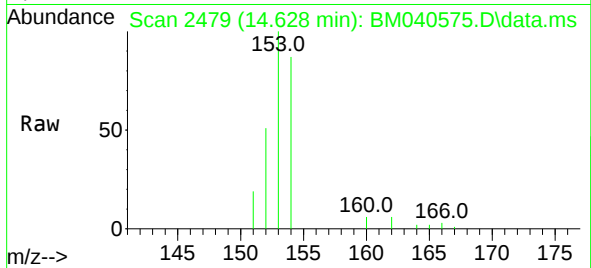
Tgt Ion:152 Resp: 10417
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.2
153 15.6 10.9 16.3





#11
Acenaphthene
Concen: 0.306 ng/ul
RT: 14.628 min Scan# 2480
Delta R.T. -0.005 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

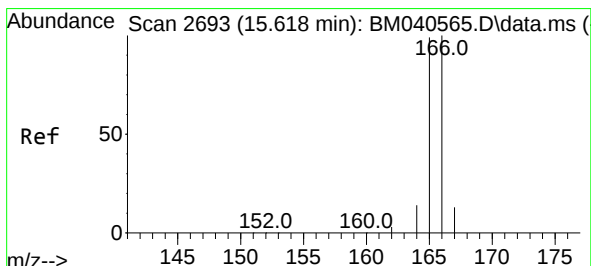
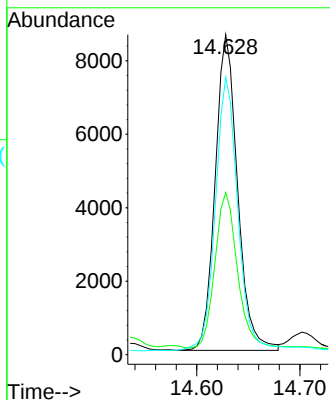
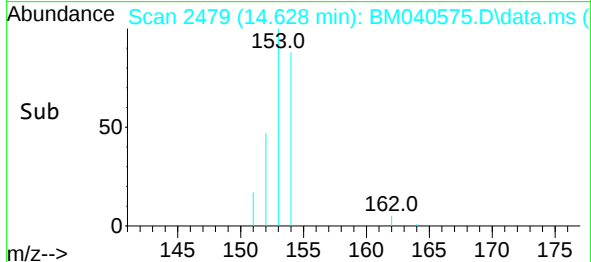
Instrument :
BNA_M
ClientSampleId :
DCGG3



Tgt Ion:153 Resp: 12980
Ion Ratio Lower Upper
153 100
152 50.6 41.0 61.4
154 86.7 70.8 106.2

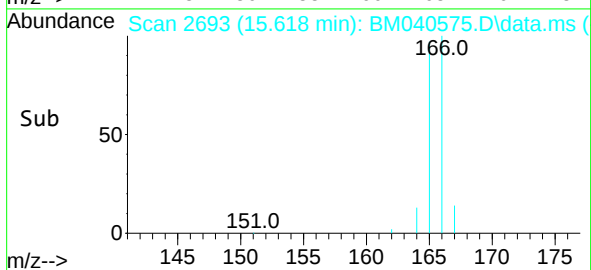
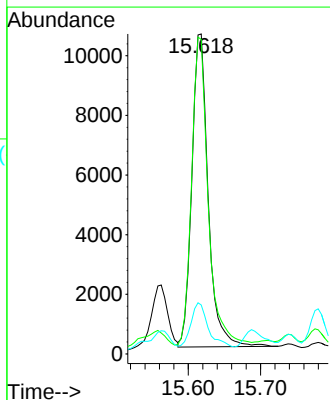
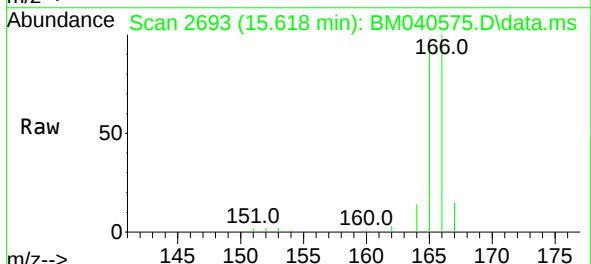
Manual Integrations
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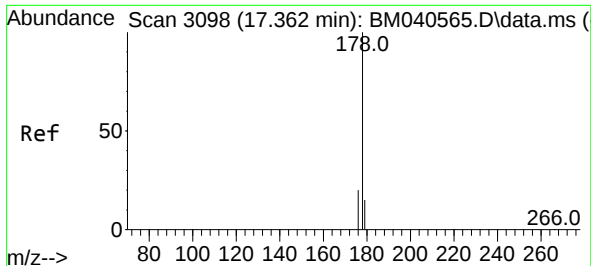
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.366 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.000 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

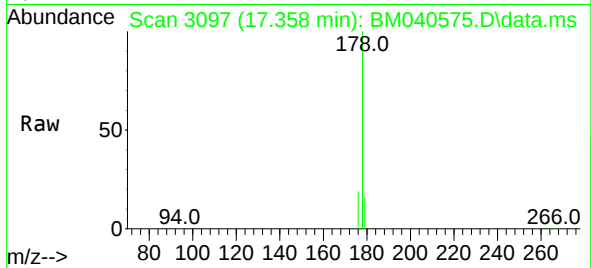
Tgt Ion:166 Resp: 16558
Ion Ratio Lower Upper
166 100
165 98.3 79.6 119.4
167 15.3 11.4 17.0





#15
Phenanthrene
Concen: 6.761 ng/u1
RT: 17.358 min Scan# 3097
Delta R.T. -0.004 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

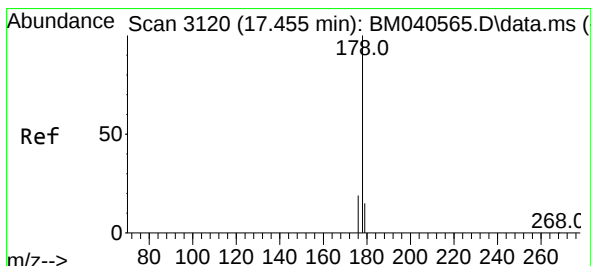
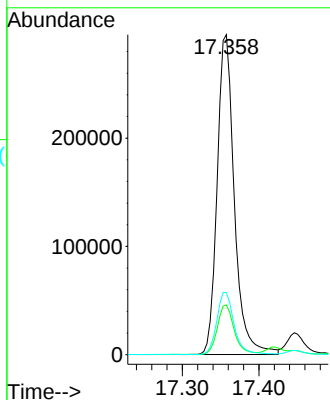
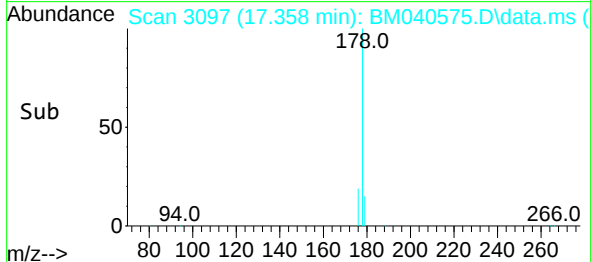
Instrument :
BNA_M
ClientSampleId :
DCGG3



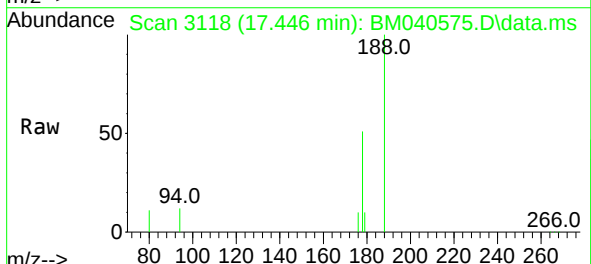
Tgt Ion:178 Resp: 460204
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.4 16.4 24.6

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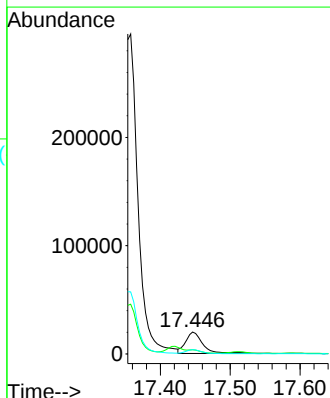
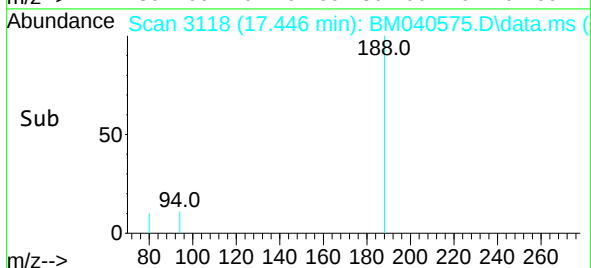
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

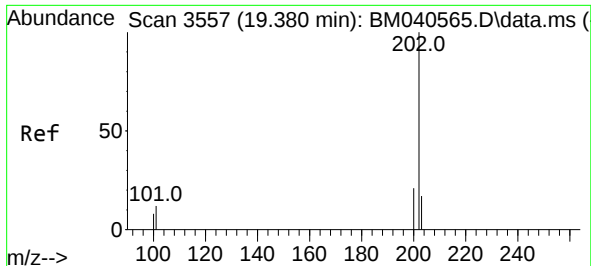


#16
Anthracene
Concen: 0.590 ng/u1
RT: 17.446 min Scan# 3118
Delta R.T. -0.009 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57



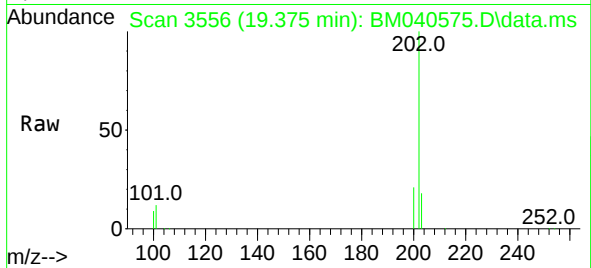
Tgt Ion:178 Resp: 33772
Ion Ratio Lower Upper
178 100
179 18.8 12.9 19.3
176 19.5 15.8 23.6





#19
Fluoranthene
Concen: 13.262 ng/ul
RT: 19.375 min Scan# 3556
Delta R.T. -0.005 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

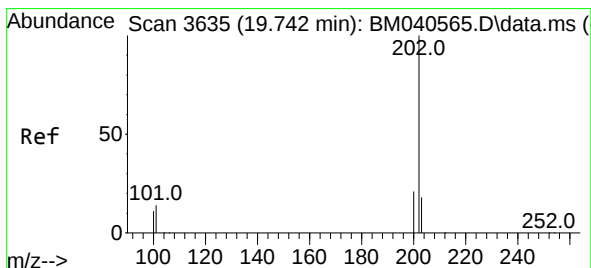
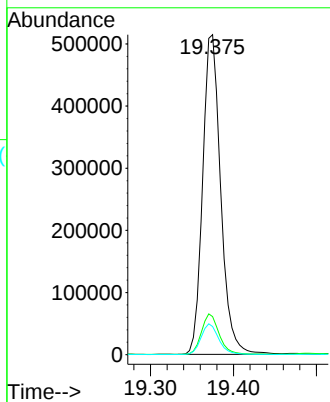
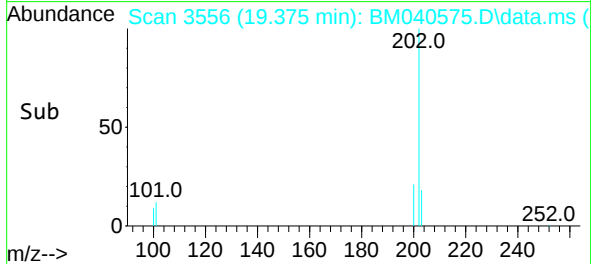
Instrument :
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ClientSampleId :
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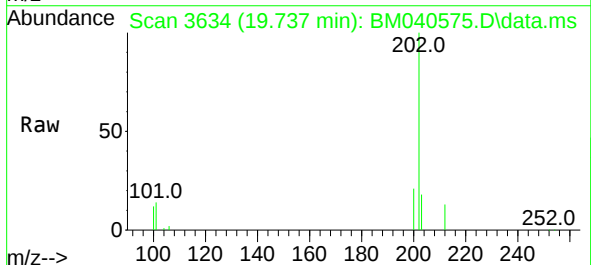
Tgt Ion:202 Resp: 779829
Ion Ratio Lower Upper
202 100
101 11.9 11.4 17.0
100 8.8 8.7 13.1

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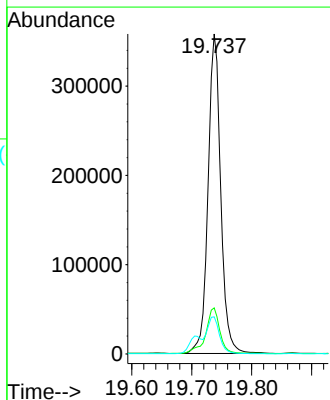
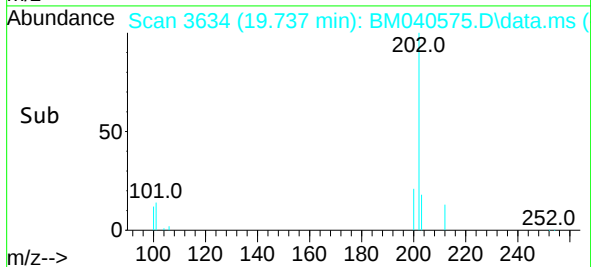
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

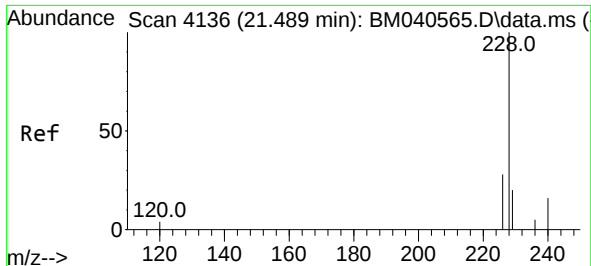


#20
Pyrene
Concen: 8.359 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.005 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57



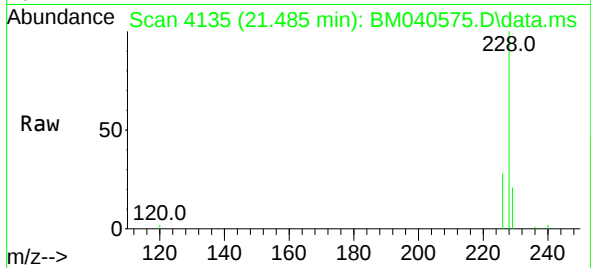
Tgt Ion:202 Resp: 526998
Ion Ratio Lower Upper
202 100
101 14.4 12.6 18.8
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.355 ng/ul
RT: 21.485 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

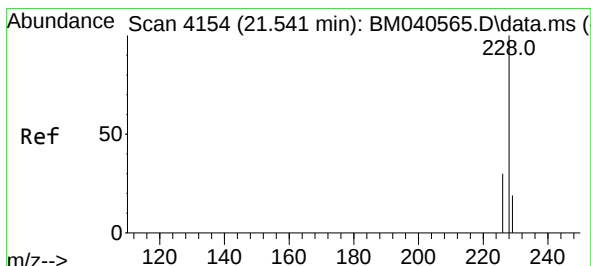
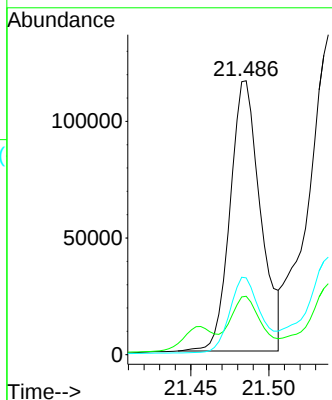
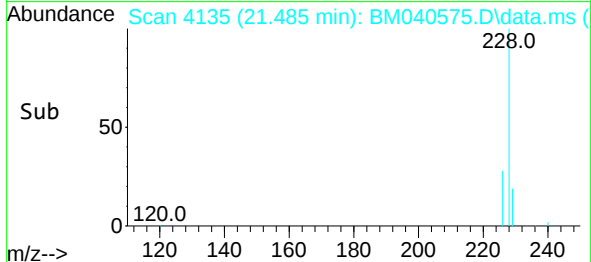
Instrument :
BNA_M
ClientSampleId :
DCGG3



Tgt Ion:228 Resp: 15711
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 28.0 22.3 33.5

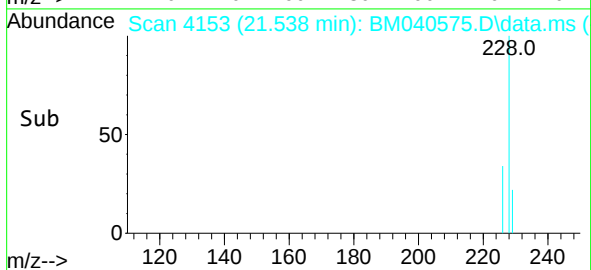
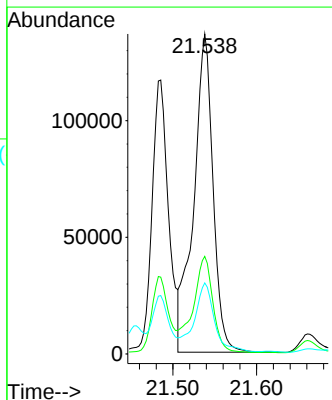
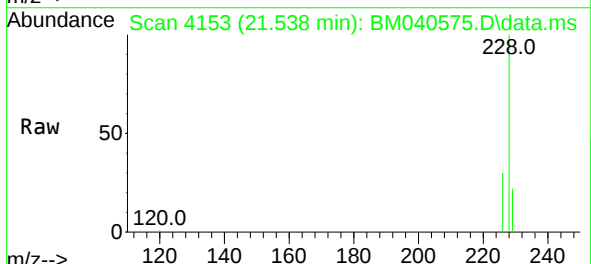
Manual Integrations
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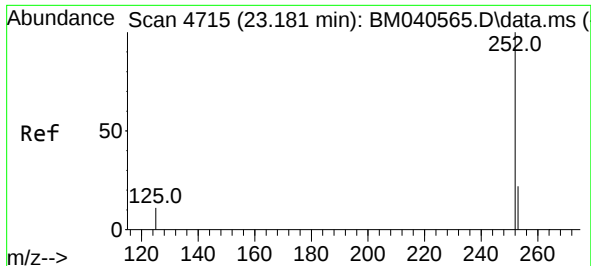
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 4.104 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

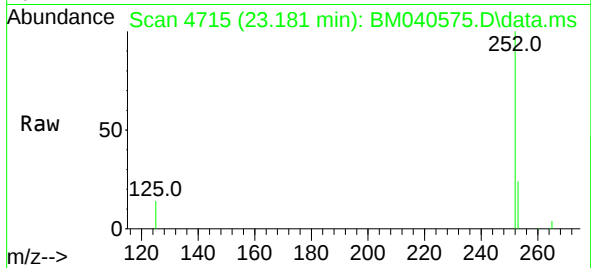
Tgt Ion:228 Resp: 219199
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.632 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. -0.000 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

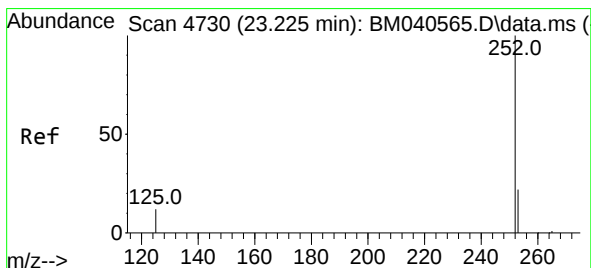
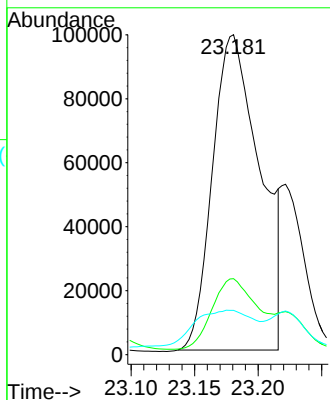
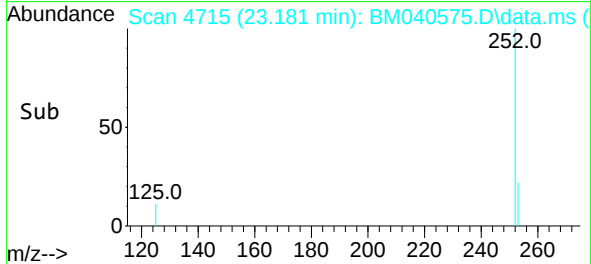
Instrument :
BNA_M
ClientSampleId :
DCGG3



Tgt Ion:252 Resp: 25592
Ion Ratio Lower Upper
252 100
253 23.7 0.0 52.8
125 13.9 0.0 43.0

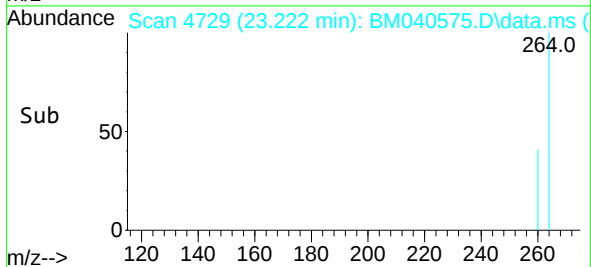
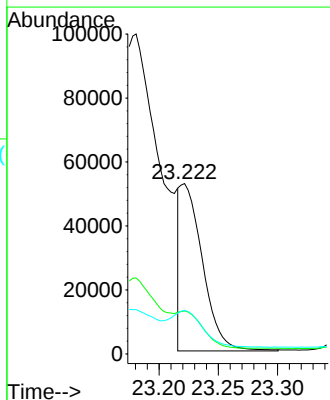
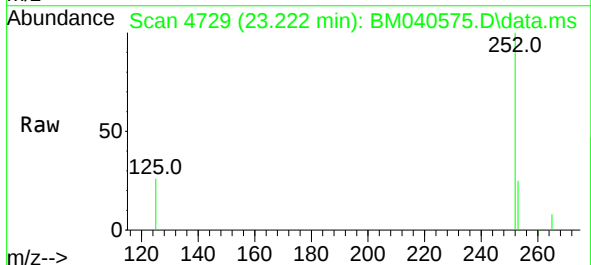
Manual Integrations
APPROVED

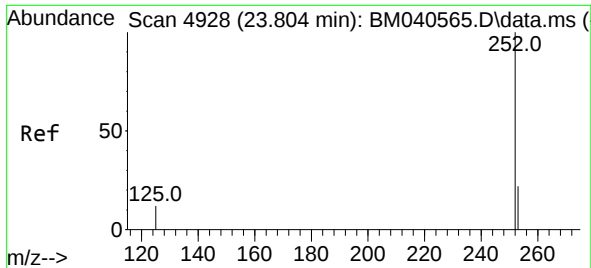
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 1.263 ng/ul m
RT: 23.222 min Scan# 4729
Delta R.T. -0.003 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

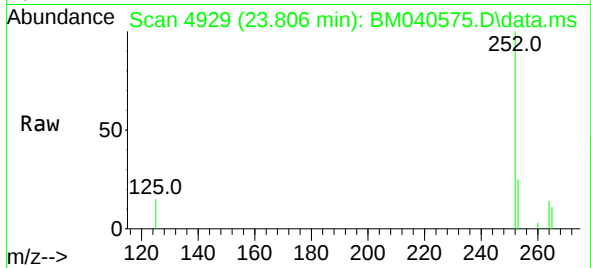
Tgt Ion:252 Resp: 68781
Ion Ratio Lower Upper
252 100
253 25.3 21.2 31.8
125 25.6 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 2.527 ng/ul
RT: 23.806 min Scan# 4928
Delta R.T. 0.003 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

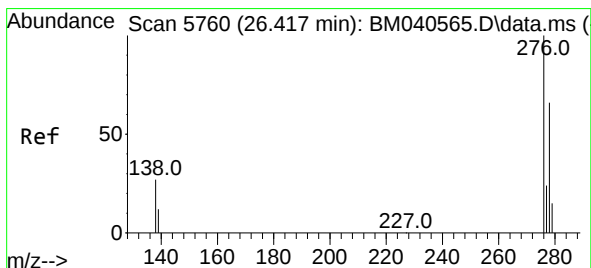
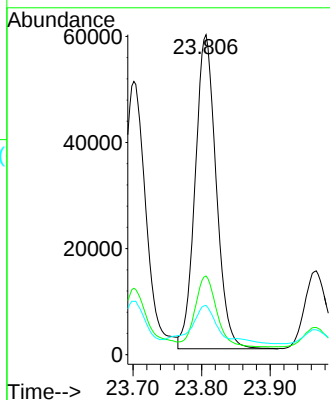
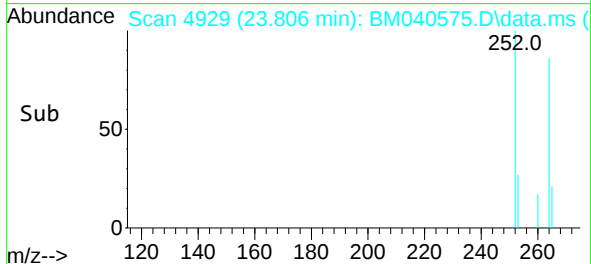
Instrument :
BNA_M
ClientSampleId :
DCGG3



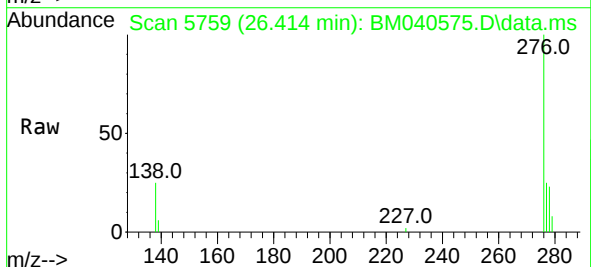
Tgt Ion:252 Resp: 125792
Ion Ratio Lower Upper
252 100
253 24.6 22.9 34.3
125 15.4 21.0 31.4

Manual Integrations
APPROVED

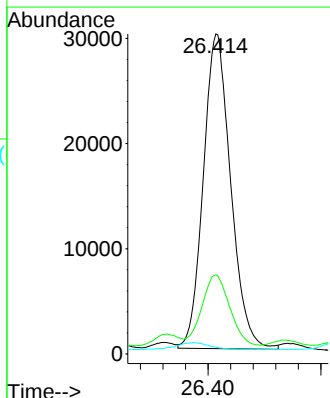
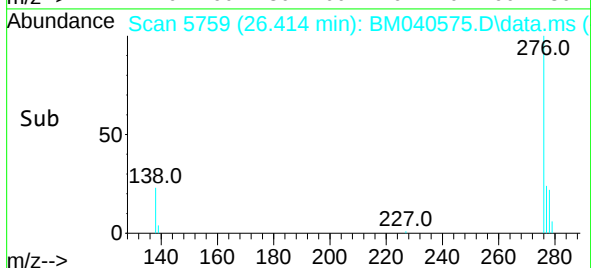
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

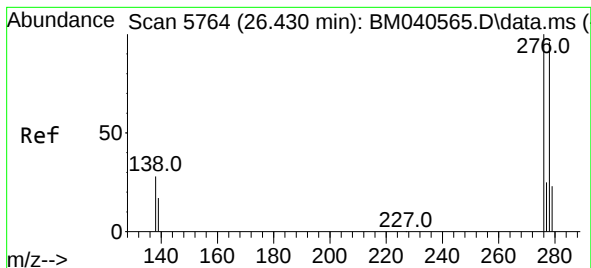


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.455 ng/ul
RT: 26.414 min Scan# 5759
Delta R.T. -0.003 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57



Tgt Ion:276 Resp: 100891
Ion Ratio Lower Upper
276 100
138 22.6 24.5 36.7#
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.477 ng/ul

RT: 26.420 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM040575.D

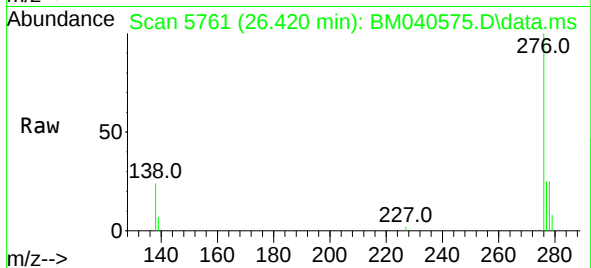
Acq: 03 Jul 2023 14:57

Instrument :

BNA_M

ClientSampleId :

DCGG3



Tgt Ion:278 Resp: 2586

Ion Ratio Lower Upper

278 100

139 26.5 17.9 26.9

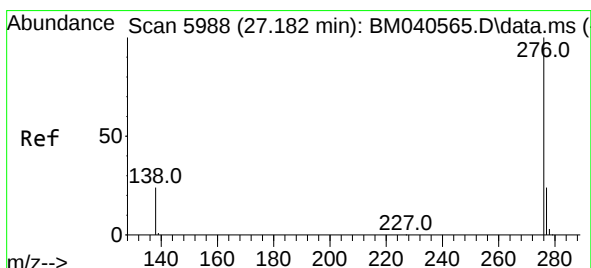
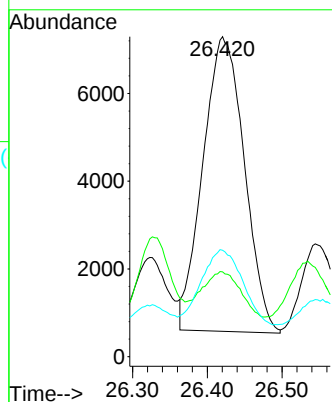
279 33.2 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/04/2023

Supervised By :Sohil Jodhani 07/04/2023



#29

Benzo(g,h,i)perylene

Concen: 1.454 ng/ul

RT: 27.188 min Scan# 5990

Delta R.T. 0.007 min

Lab File: BM040575.D

Acq: 03 Jul 2023 14:57

Tgt Ion:276 Resp: 88316

Ion Ratio Lower Upper

276 100

138 26.1 23.0 34.6

277 24.5 20.3 30.5

