

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040573.D
 Acq On : 03 Jul 2023 13:42
 Operator : MA/JU
 Sample : 03239-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFZ3

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 15:23:59 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	3914	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	14937	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.568	164	7719	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	17773	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	13295	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	13431	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	13231	2.152	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	3751	0.179	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	8078	0.190	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.778	128	2276	0.055	ng/ul#	81
7) 2-Methylnaphthalene	12.395	142	1554	0.064	ng/ul	100
8) 1-Methylnaphthalene	12.615	142	1142	0.047	ng/ul	100
10) Acenaphthylene	14.290	152	3001	0.087	ng/ul#	88
11) Acenaphthene	14.628	153	1055	0.036	ng/ul	94
12) Fluorene	15.618	166	902	0.029	ng/ul#	92
15) Phenanthrene	17.358	178	23789	0.431	ng/ul	100
16) Anthracene	17.450	178	4807	0.104	ng/ul#	91
19) Fluoranthene	19.375	202	71368	1.264	ng/ul	96
20) Pyrene	19.737	202	60863	1.005	ng/ul	98
21) Benzo(a)anthracene	21.486	228	38409	0.854	ng/ul	97
22) Chrysene	21.541	228	46978	0.916	ng/ul	98
24) Benzo(b)fluoranthene	23.178	252	77995	1.501	ng/ul	96
25) Benzo(k)fluoranthene	23.219	252	23440m	0.458	ng/ul	
26) Benzo(a)pyrene	23.809	252	47213	1.008	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.420	276	44384	0.681	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.427	278	11506	0.225	ng/ul#	80
29) Benzo(g,h,i)perylene	27.195	276	45713	0.800	ng/ul	98

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

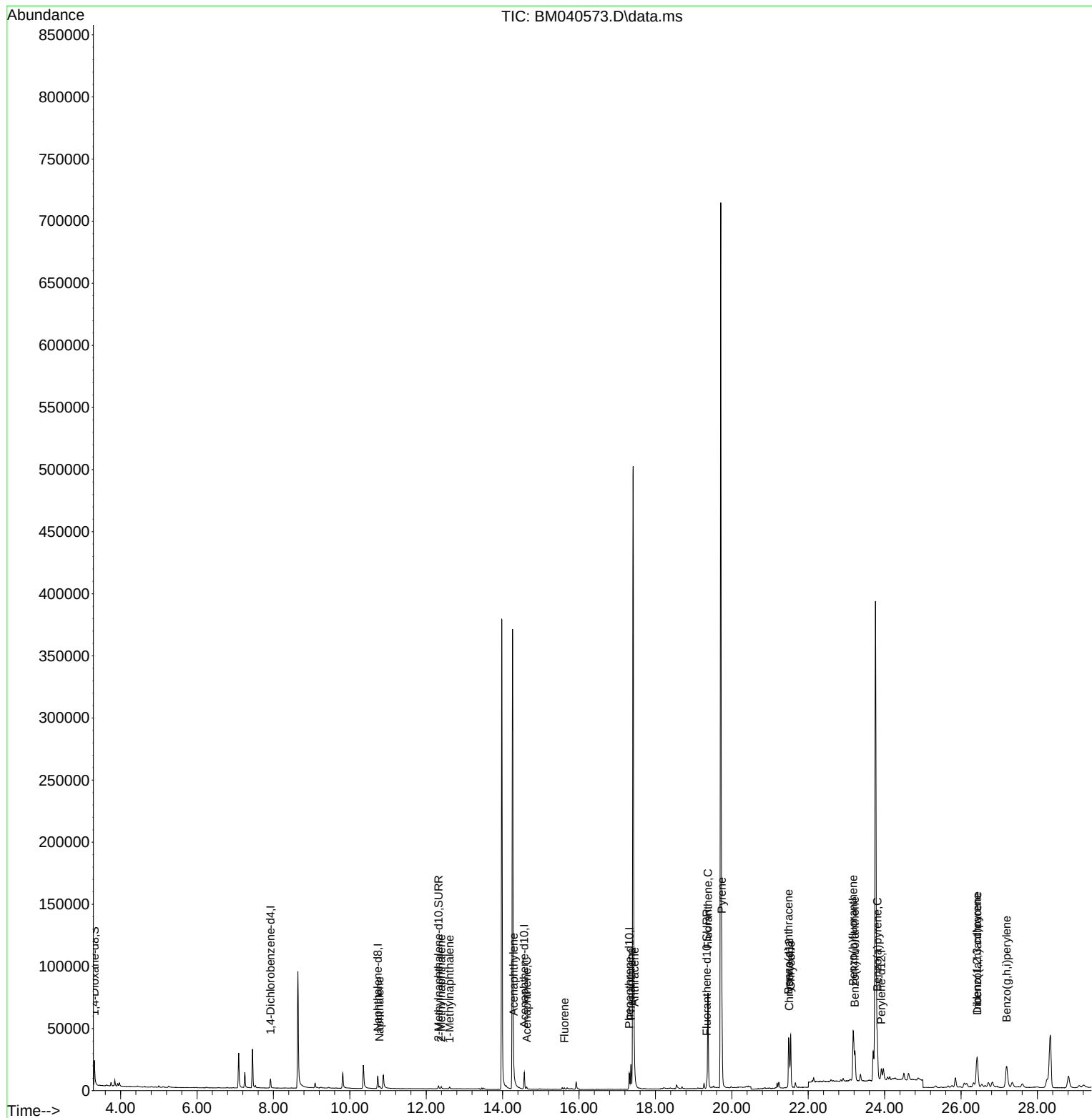
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040573.D
Acq On : 03 Jul 2023 13:42
Operator : MA/JU
Sample : 03239-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

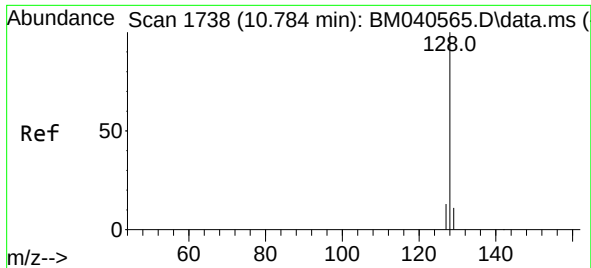
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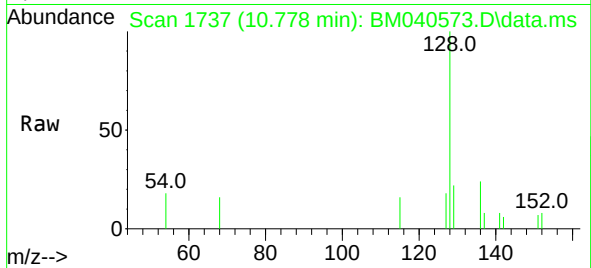
Quant Time: Jul 03 15:23:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.055 ng/ul
RT: 10.778 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

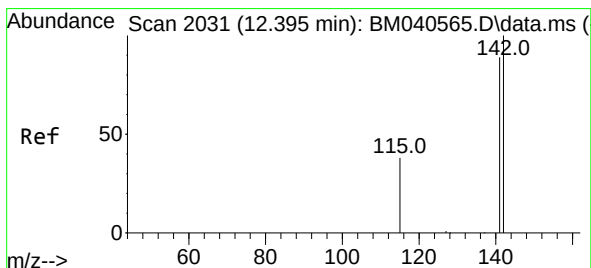
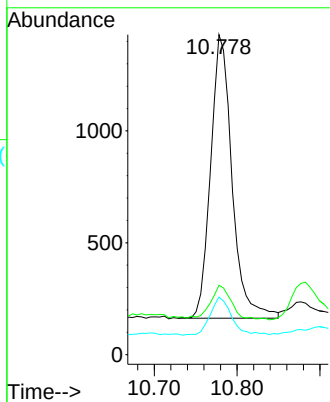
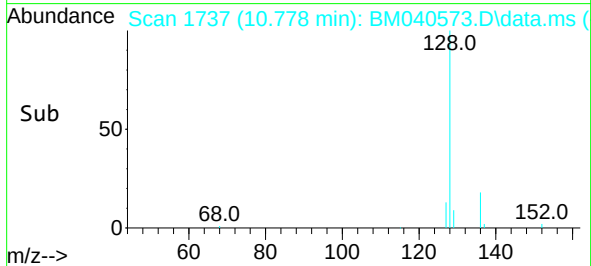
Instrument :
BNA_M
ClientSampleId :
DCFZ3



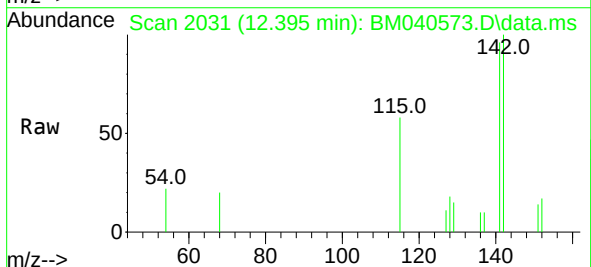
Tgt Ion:128 Resp: 2270
Ion Ratio Lower Upper
128 100
129 21.7 9.2 13.8
127 18.0 10.6 15.8

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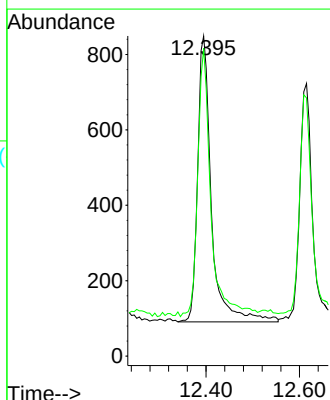
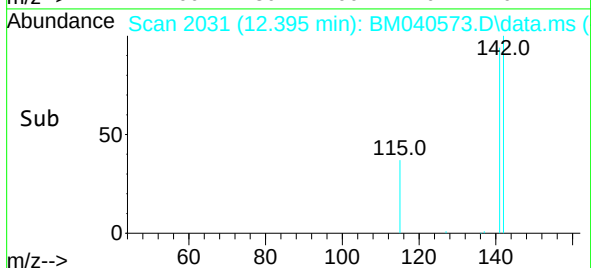
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

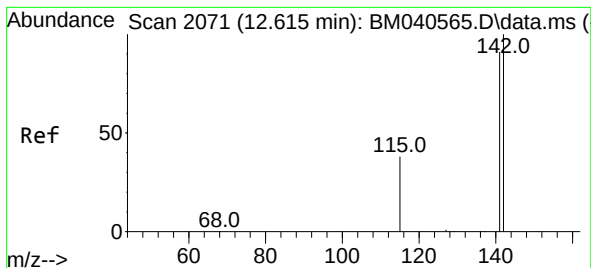


#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42



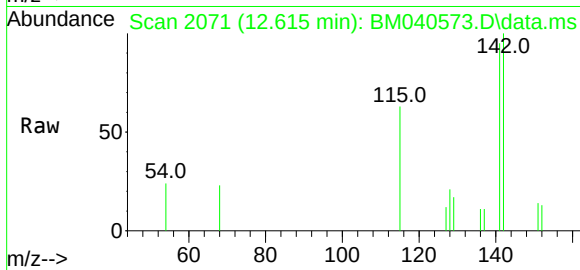
Tgt Ion:142 Resp: 1554
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

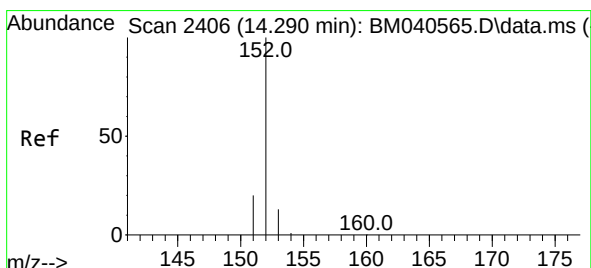
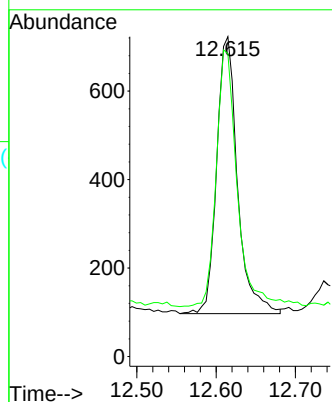
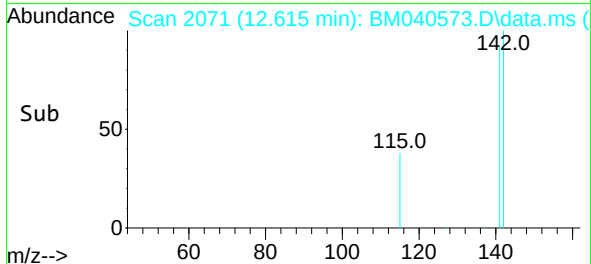
Instrument :
BNA_M
ClientSampleId :
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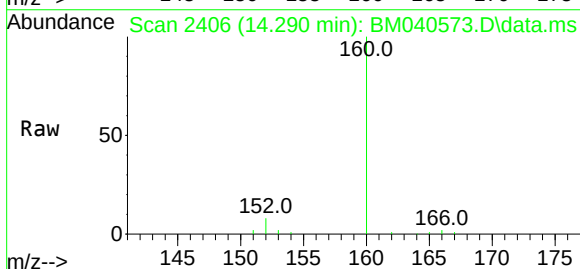
Tgt Ion:142 Resp: 1142
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5

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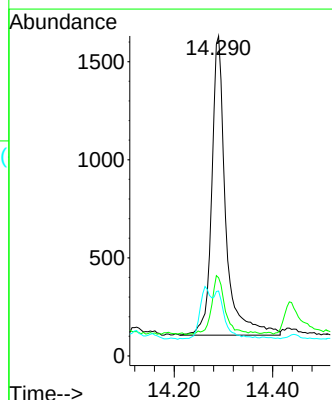
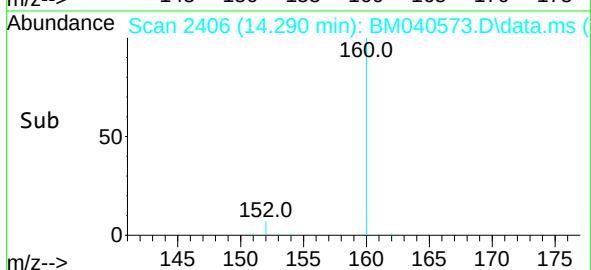
Reviewed By :Yogesh Patel 07/04/2023
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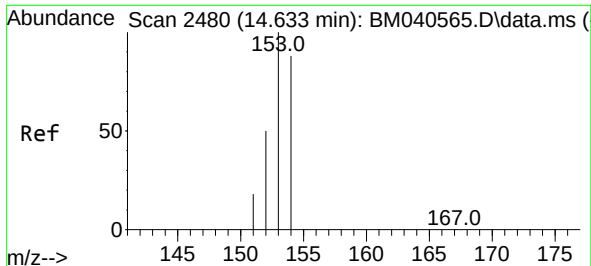


#10
Acenaphthylene
Concen: 0.087 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42



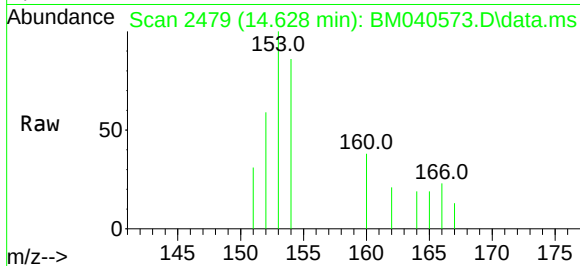
Tgt Ion:152 Resp: 3001
Ion Ratio Lower Upper
152 100
151 24.5 16.2 24.2#
153 20.3 10.9 16.3#





#11
Acenaphthene
Concen: 0.036 ng/u1
RT: 14.628 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

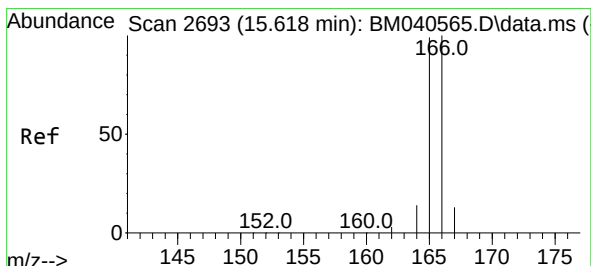
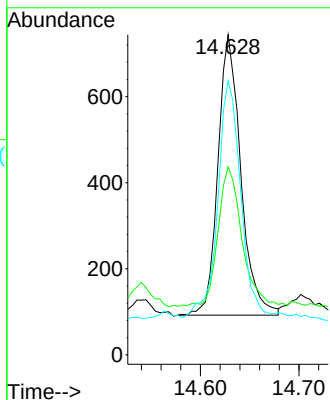
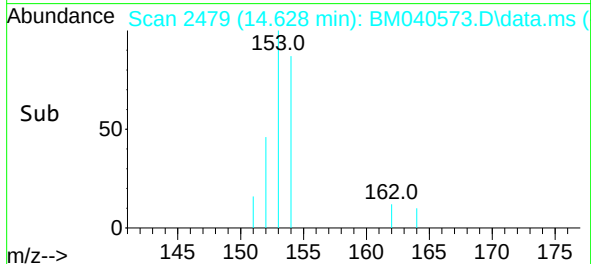
Instrument :
BNA_M
ClientSampleId :
DCFZ3



Tgt Ion:153 Resp: 105
Ion Ratio Lower Upper
153 100
152 58.7 41.0 61.4
154 85.6 70.8 106.2

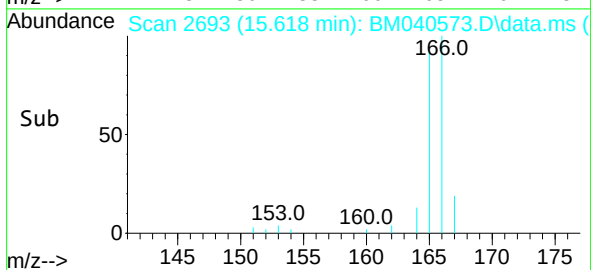
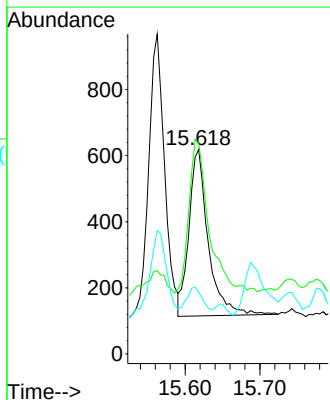
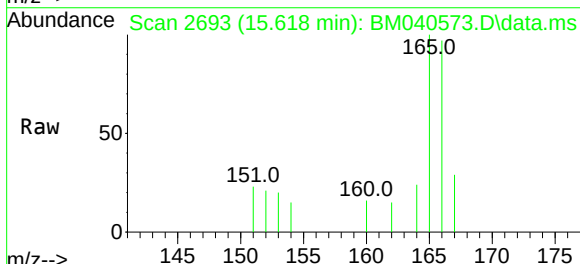
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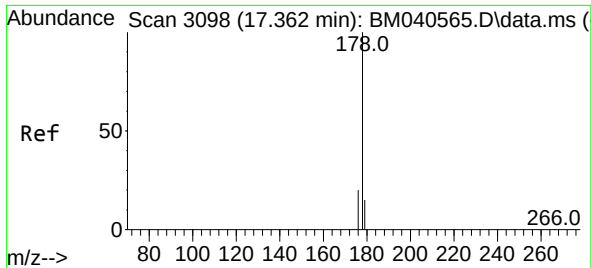
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.029 ng/u1
RT: 15.618 min Scan# 2693
Delta R.T. -0.000 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

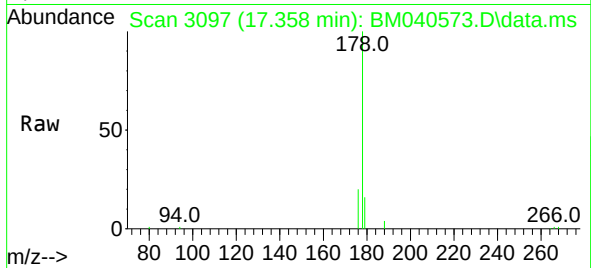
Tgt Ion:166 Resp: 902
Ion Ratio Lower Upper
166 100
165 103.2 79.6 119.4
167 30.4 11.4 17.0#





#15
Phenanthrene
Concen: 0.431 ng/ul
RT: 17.358 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

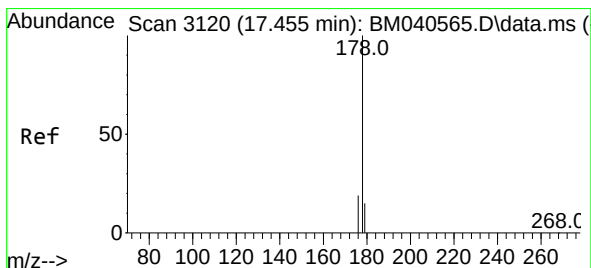
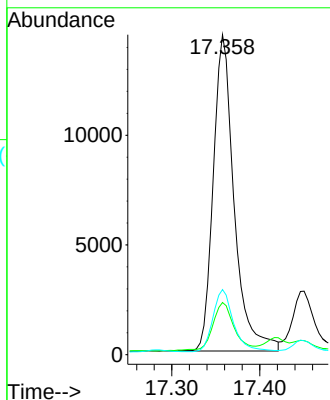
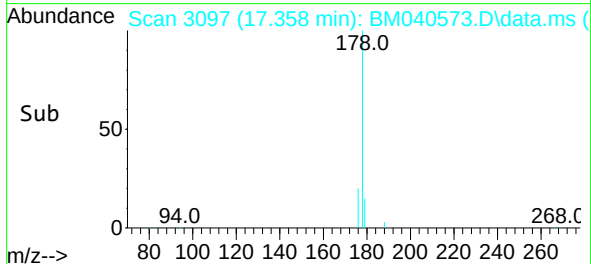
Instrument :
BNA_M
ClientSampleId :
DCFZ3



Tgt Ion:178 Resp: 23789
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 20.3 16.4 24.6

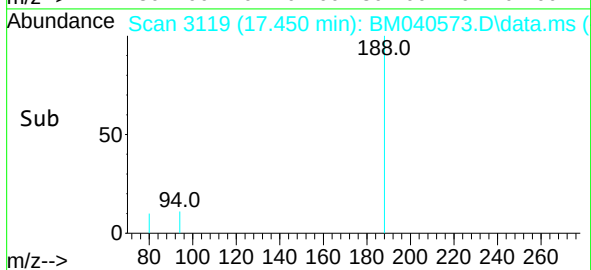
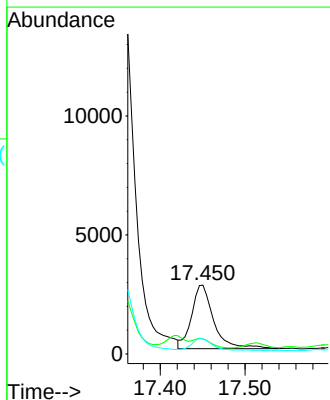
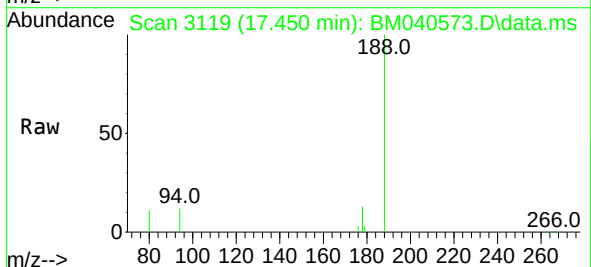
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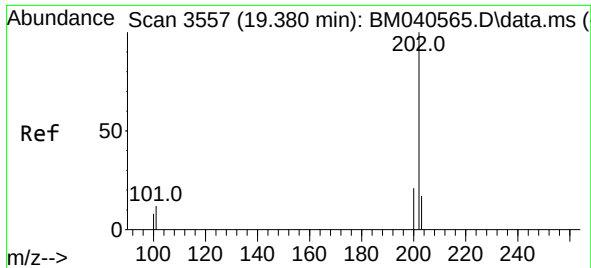
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 0.104 ng/ul
RT: 17.450 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

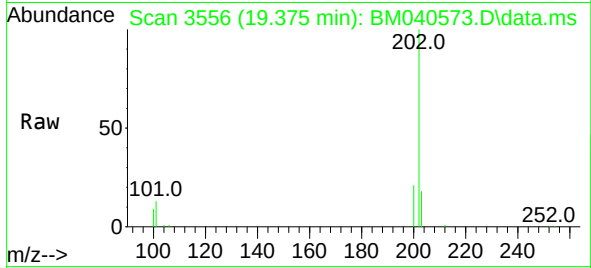
Tgt Ion:178 Resp: 4807
Ion Ratio Lower Upper
178 100
179 22.2 12.9 19.3#
176 21.9 15.8 23.6





#19
Fluoranthene
Concen: 1.264 ng/ul
RT: 19.375 min Scan# 3556
Delta R.T. -0.005 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

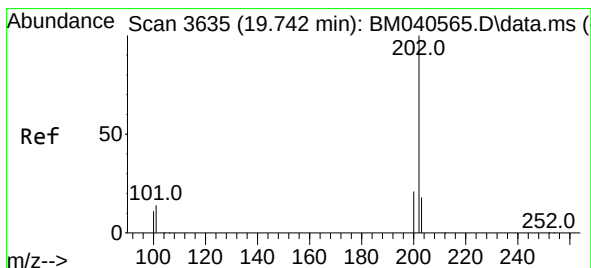
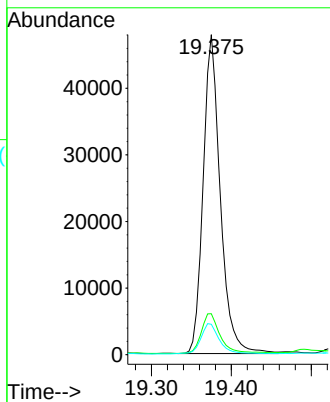
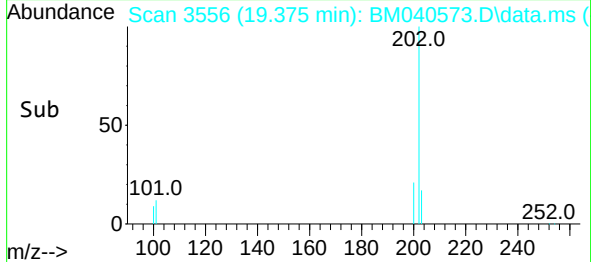
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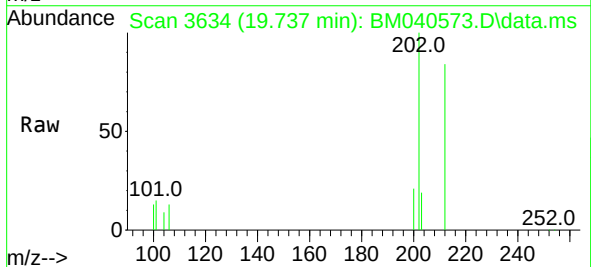
Tgt Ion:202 Resp: 71368
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 9.5 8.7 13.1

Manual Integrations
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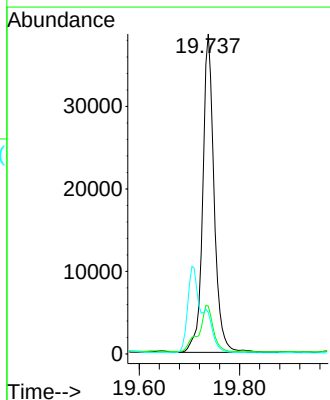
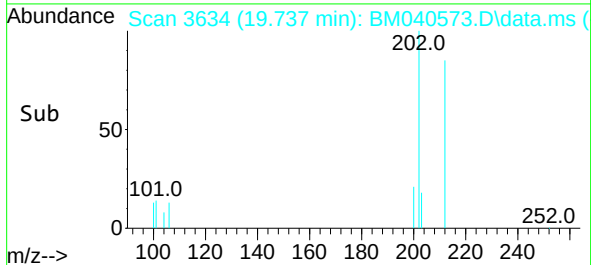
Reviewed By :Yogesh Patel 07/04/2023
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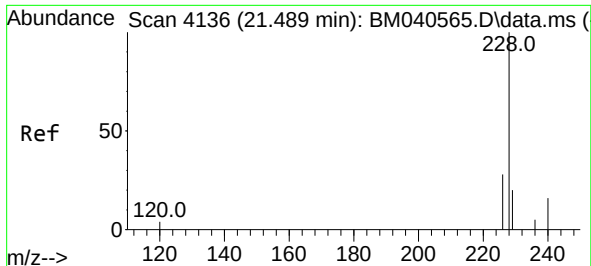


#20
Pyrene
Concen: 1.005 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.005 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42



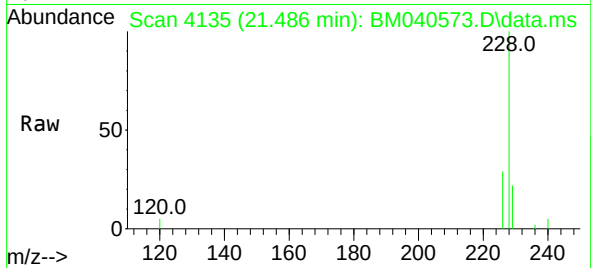
Tgt Ion:202 Resp: 60863
Ion Ratio Lower Upper
202 100
101 14.9 12.6 18.8
100 12.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.854 ng/u1
RT: 21.486 min Scan# 4135
Delta R.T. -0.003 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

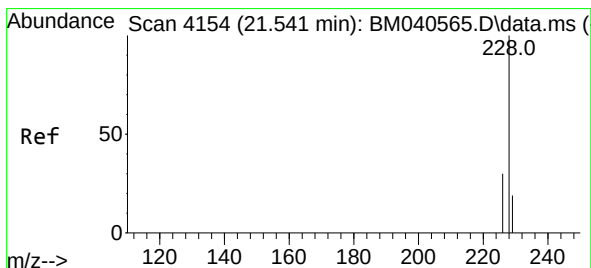
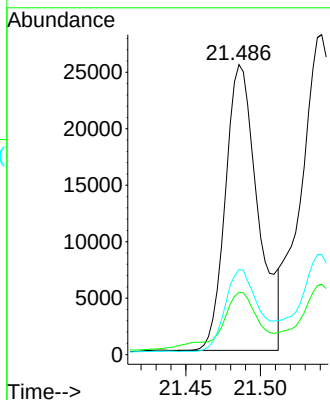
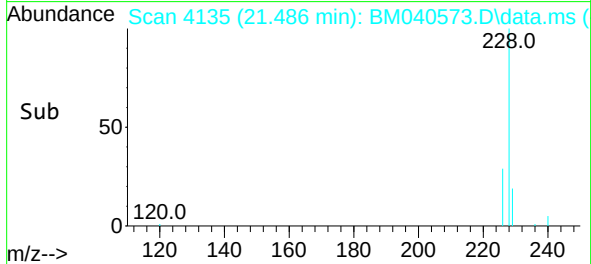
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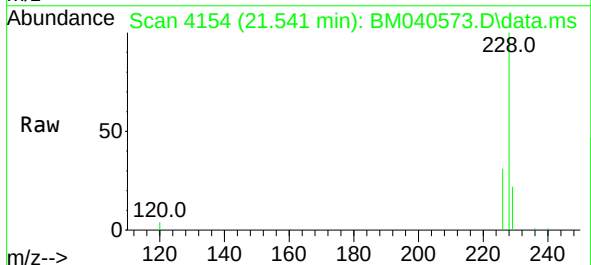
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Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 29.4 22.3 33.5

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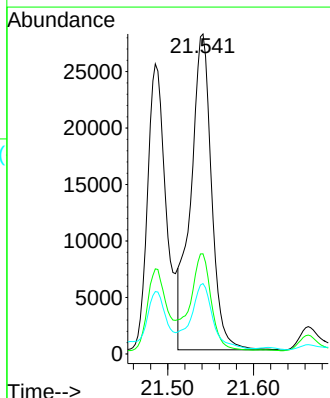
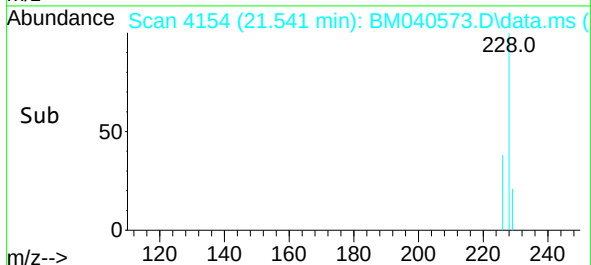
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

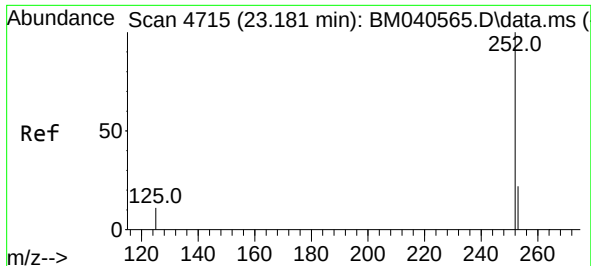


#22
Chrysene
Concen: 0.916 ng/u1
RT: 21.541 min Scan# 4154
Delta R.T. -0.000 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42



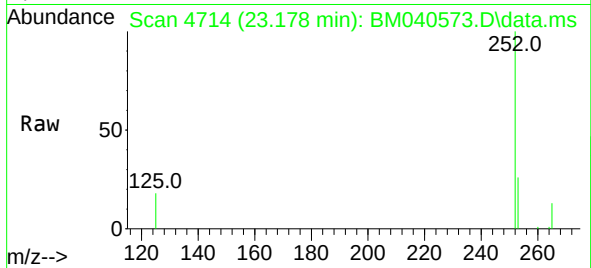
Tgt Ion:228 Resp: 46978
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.501 ng/ul
RT: 23.178 min Scan# 4714
Delta R.T. -0.003 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

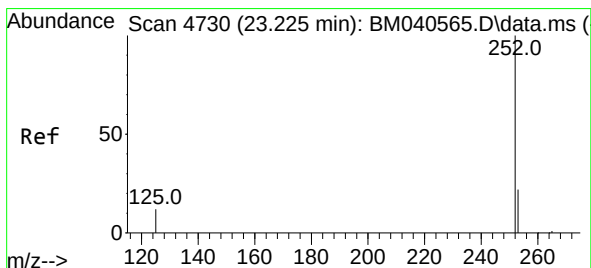
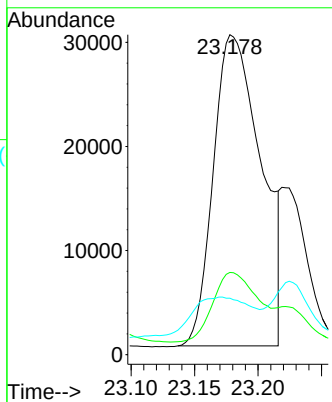
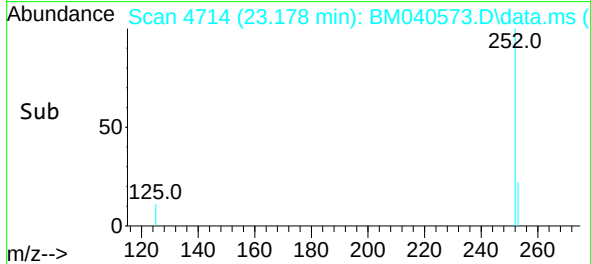
Instrument :
BNA_M
ClientSampleId :
DCFZ3



Tgt Ion:252 Resp: 77995
Ion Ratio Lower Upper
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253 25.7 0.0 52.8
125 17.6 0.0 43.0

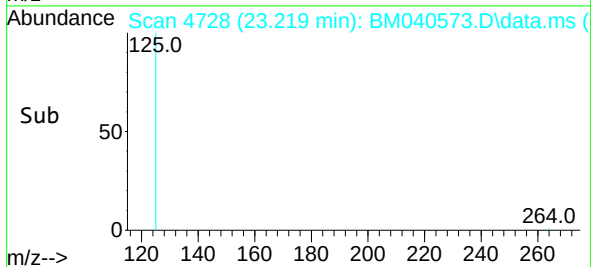
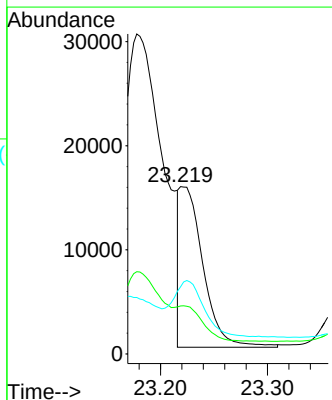
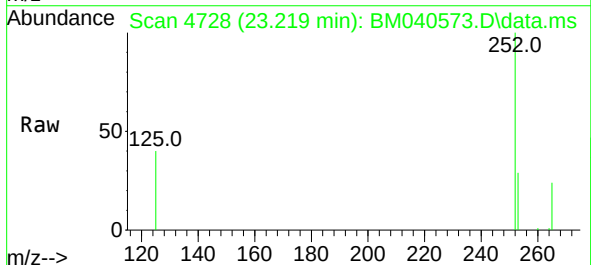
Manual Integrations
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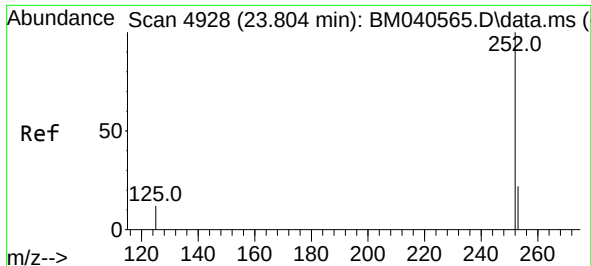
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.458 ng/ul m
RT: 23.219 min Scan# 4728
Delta R.T. -0.006 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

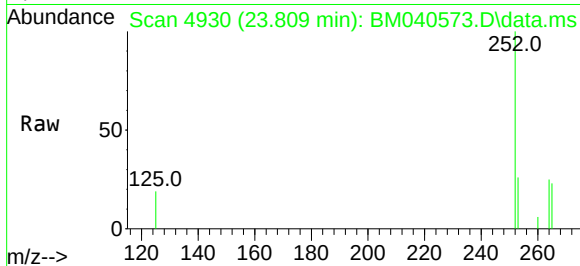
Tgt Ion:252 Resp: 23440
Ion Ratio Lower Upper
252 100
253 28.7 21.2 31.8
125 40.2 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 1.008 ng/ul
RT: 23.809 min Scan# 4928
Delta R.T. 0.006 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

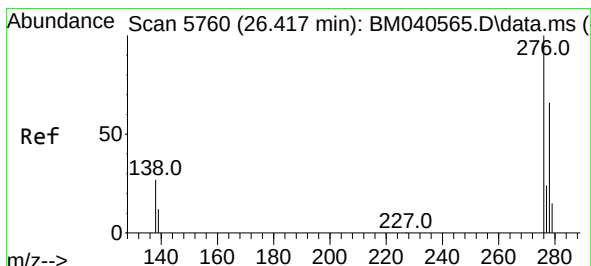
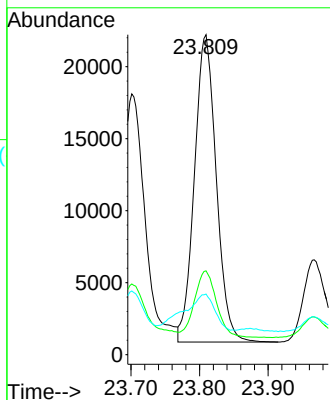
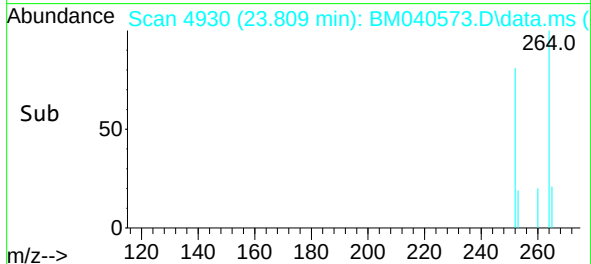
Instrument :
BNA_M
ClientSampleId :
DCFZ3



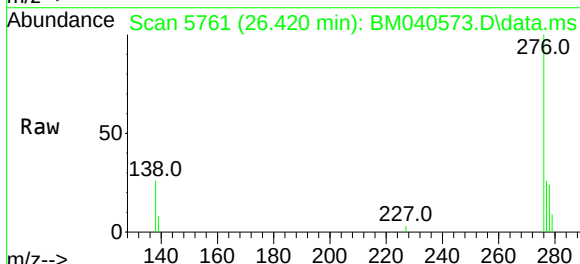
Tgt Ion:252 Resp: 4721
Ion Ratio Lower Upper
252 100
253 26.2 22.9 34.3
125 18.9 21.0 31.4

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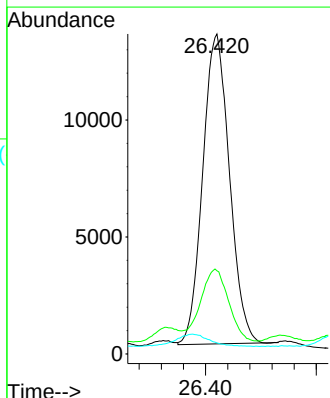
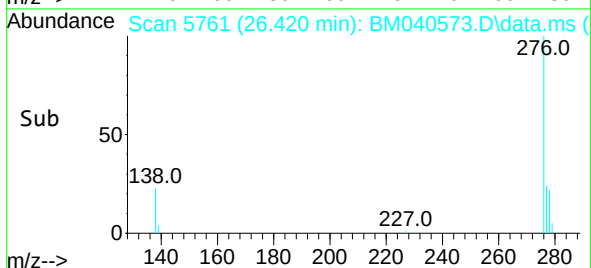
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

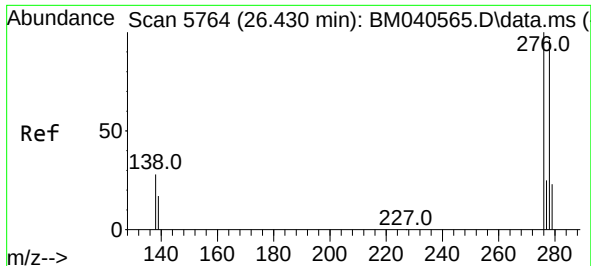


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.681 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.003 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42



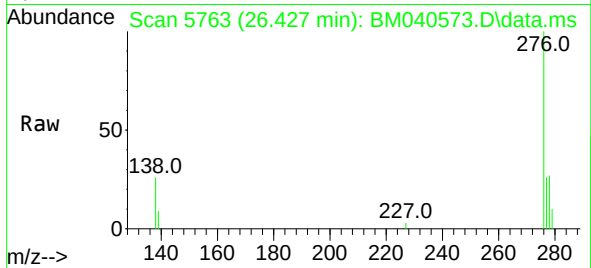
Tgt Ion:276 Resp: 44384
Ion Ratio Lower Upper
276 100
138 24.3 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.225 ng/ul
RT: 26.427 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

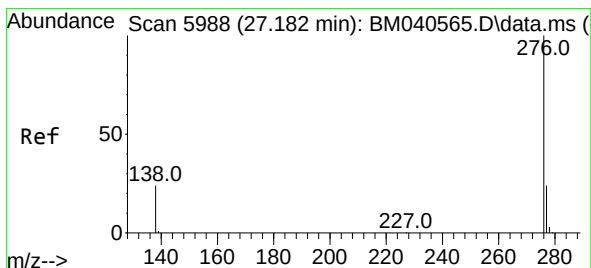
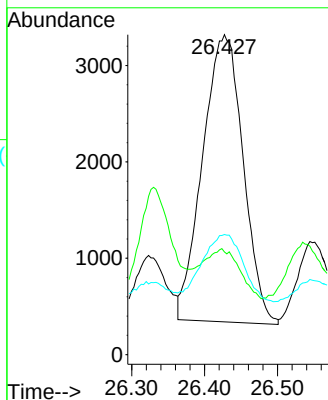
Instrument :
BNA_M
ClientSampleId :
DCFZ3



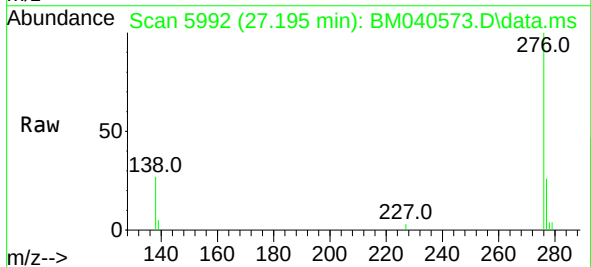
Tgt Ion:278 Resp: 11500
Ion Ratio Lower Upper
278 100
139 32.1 17.9 26.9
279 37.5 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.800 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.013 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42



Tgt Ion:276 Resp: 45713
Ion Ratio Lower Upper
276 100
138 27.2 23.0 34.6
277 25.7 20.3 30.5

