

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041102.D
 Acq On : 25 Jul 2023 12:42
 Operator : MA/JU
 Sample : 03534-18
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4736

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 26 04:22:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 04:20:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	3560	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	11999	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.490	164	6567	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	15492	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	11212	0.400	ng/ul	# 0.00
23) Perylene-d12	23.827	264	13619	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	17908	3.261	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	4522	0.264	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	9662	0.317	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.680	128	32769	0.839	ng/ul	99
7) 2-Methylnaphthalene	12.302	142	12735	0.666	ng/ul	96
8) 1-Methylnaphthalene	12.522	142	9592	0.488	ng/ul	99
10) Acenaphthylene	14.208	152	11048	0.398	ng/ul#	95
11) Acenaphthene	14.550	153	110577	4.724	ng/ul	99
12) Fluorene	15.545	166	143542	5.619	ng/ul	96
15) Phenanthrene	17.291	178	1717679	35.969	ng/ul	98
16) Anthracene	17.379	178	422122	10.919	ng/ul	97
19) Fluoranthene	19.315	202	1990085	49.525	ng/ul	96
20) Pyrene	19.678	202	1632781	36.851	ng/ul	96
21) Benzo(a)anthracene	21.431	228	738116	19.691	ng/ul	100
22) Chrysene	21.483	228	696777	16.095	ng/ul	98
24) Benzo(b)fluoranthene	23.105	252	801725	14.774	ng/ul	87
25) Benzo(k)fluoranthene	23.149	252	285047m	5.503	ng/ul	
26) Benzo(a)pyrene	23.722	252	529532	12.046	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.284	276	369966	5.685	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.297	278	95069	1.862	ng/ul	94
29) Benzo(g,h,i)perylene	27.045	276	326364	5.611	ng/ul	95

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

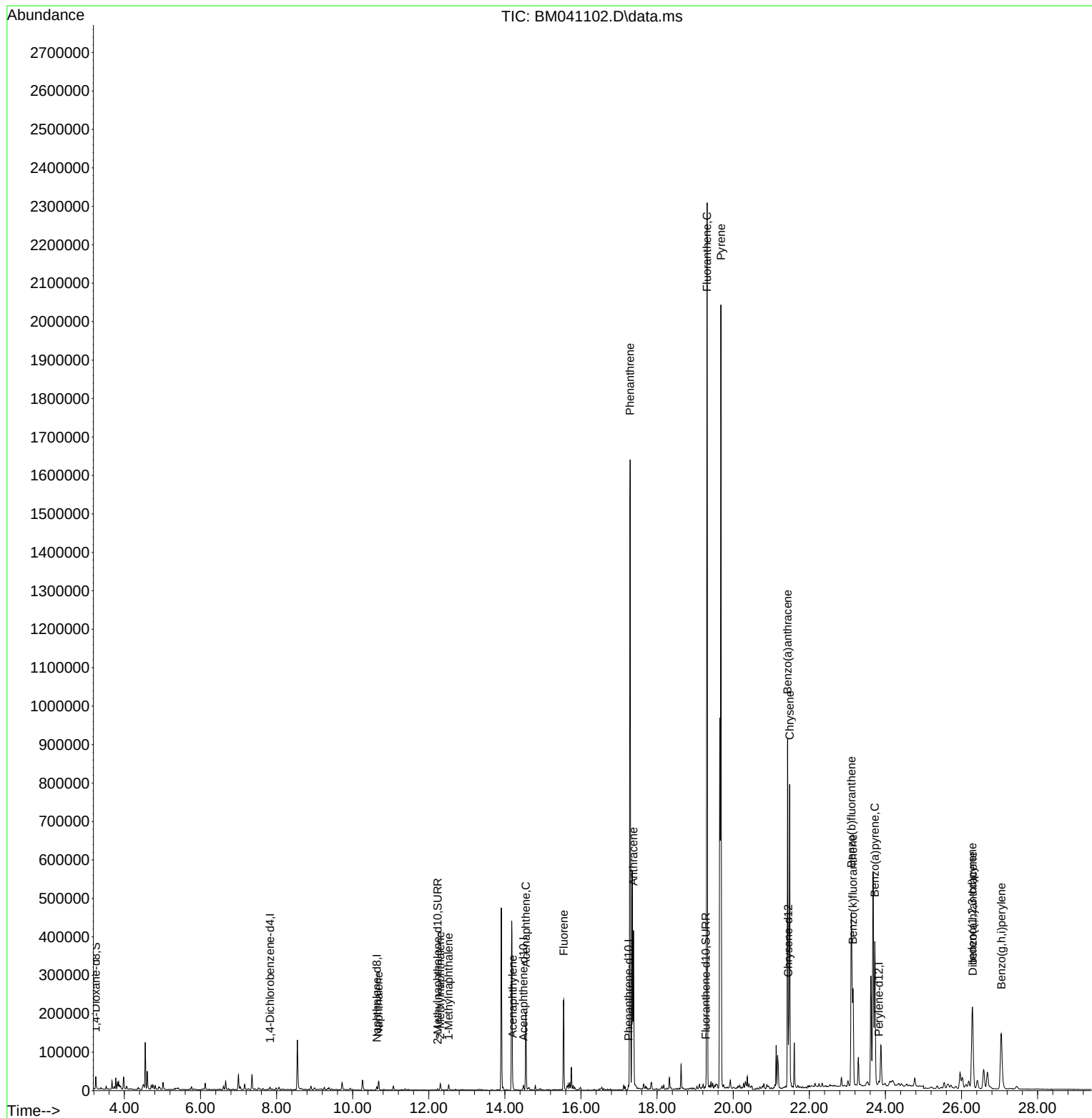
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041102.D
Acq On : 25 Jul 2023 12:42
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ALS Vial : 46 Sample Multiplier: 1

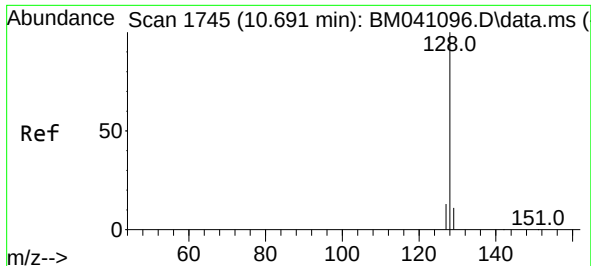
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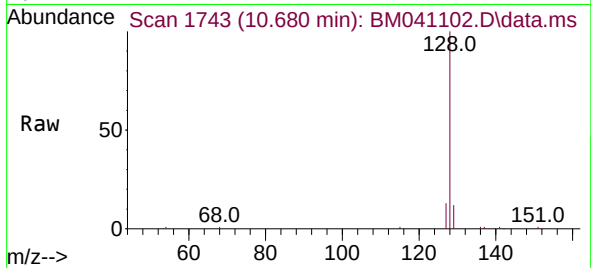
Quant Time: Jul 26 04:22:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
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#5
Naphthalene
Concen: 0.839 ng/ul
RT: 10.680 min Scan# 1745
Delta R.T. -0.011 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

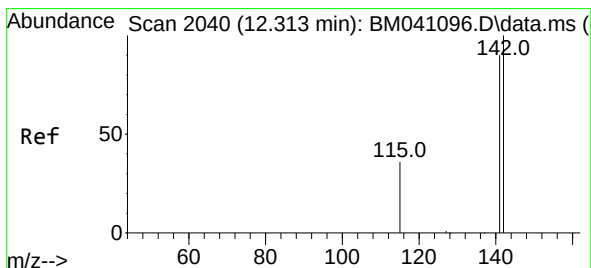
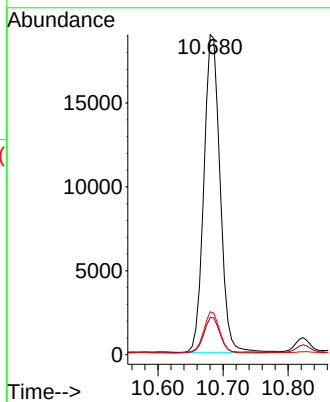
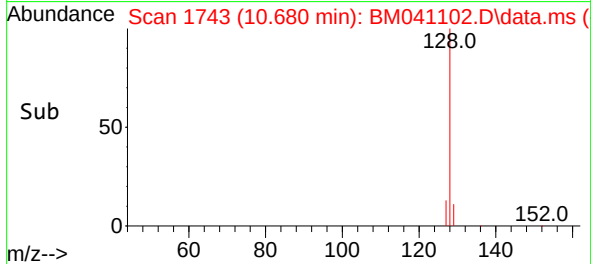
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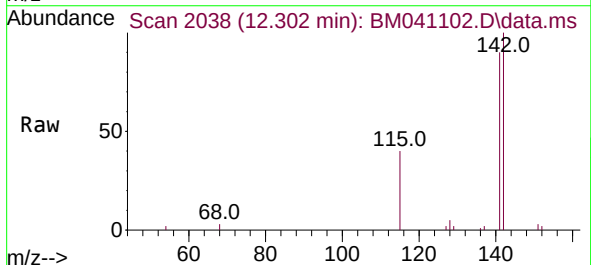
Tgt Ion:128 Resp: 32769
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.8
127 13.4 11.1 16.7

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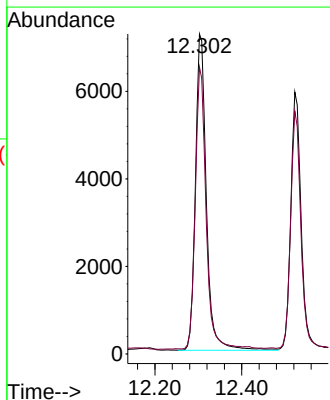
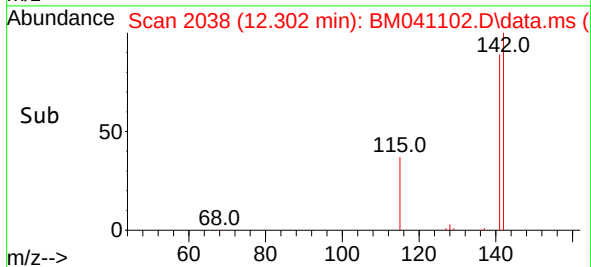
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023

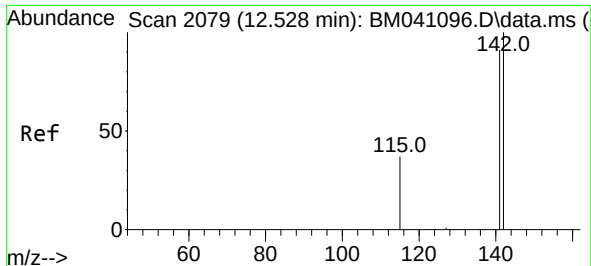


#7
2-Methylnaphthalene
Concen: 0.666 ng/ul
RT: 12.302 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42



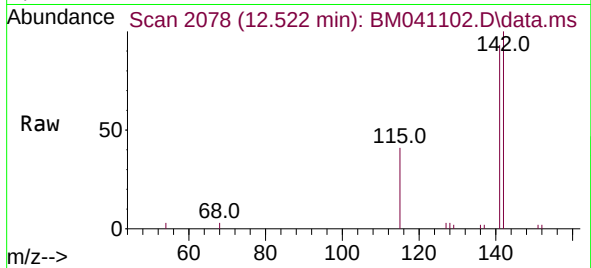
Tgt Ion:142 Resp: 12735
Ion Ratio Lower Upper
142 100
141 87.7 73.3 109.9





#8
1-Methylnaphthalene
Concen: 0.488 ng/ul
RT: 12.522 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

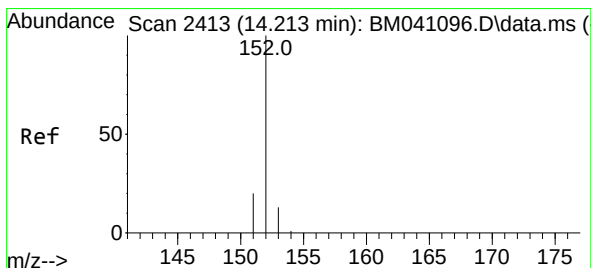
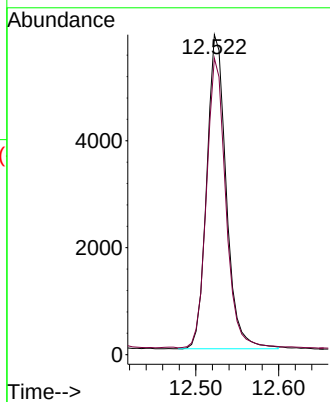
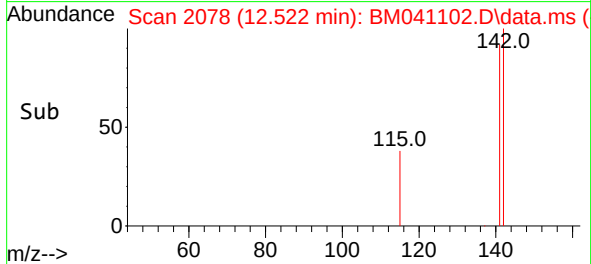
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Tgt Ion:142 Resp: 9592
Ion Ratio Lower Upper
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141 91.4 73.6 110.4

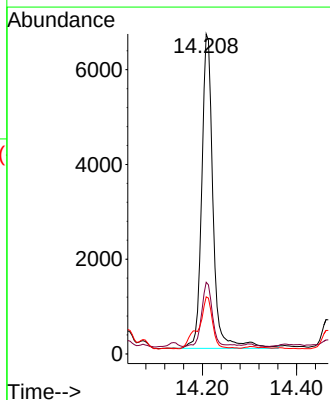
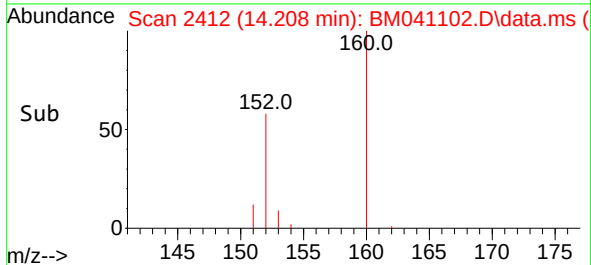
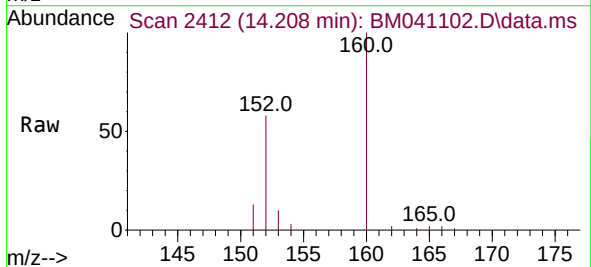
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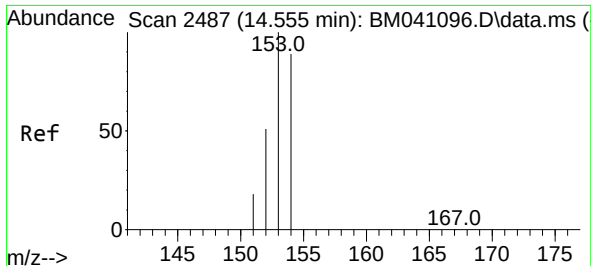
Reviewed By :Yogesh Patel 07/26/2023
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#10
Acenaphthylene
Concen: 0.398 ng/ul
RT: 14.208 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

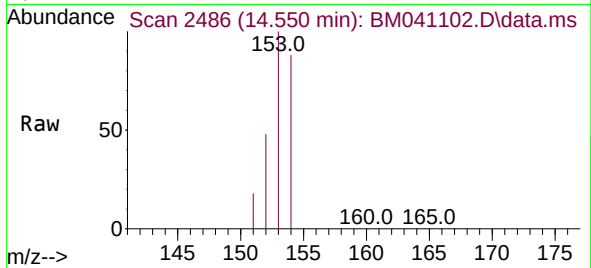
Tgt Ion:152 Resp: 11048
Ion Ratio Lower Upper
152 100
151 22.4 16.8 25.2
153 17.8 11.4 17.2#





#11
Acenaphthene
Concen: 4.724 ng/ul
RT: 14.550 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

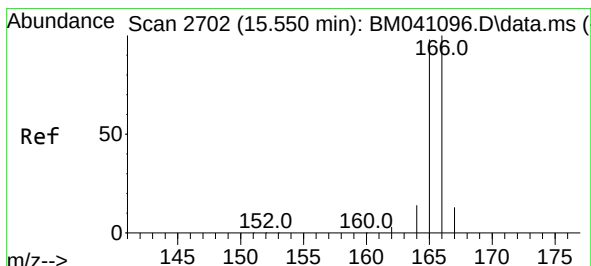
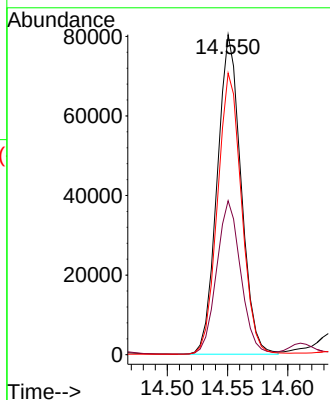
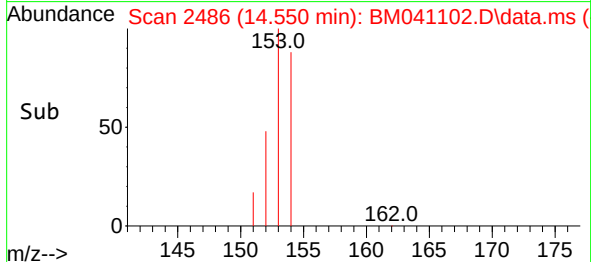
Instrument :
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Tgt Ion:153 Resp: 11057
Ion Ratio Lower Upper
153 100
152 48.1 40.2 60.4
154 88.0 70.3 105.5

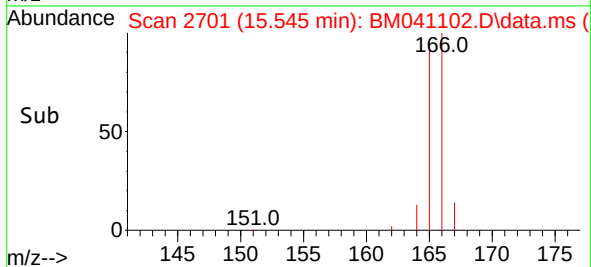
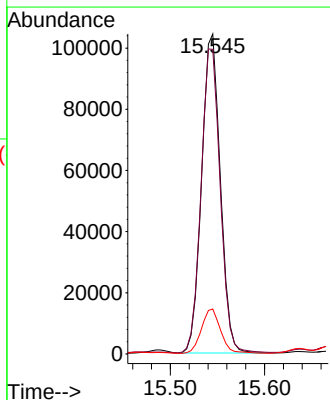
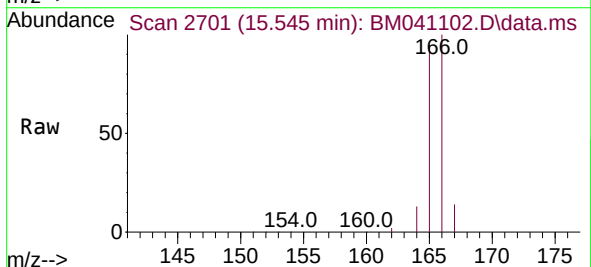
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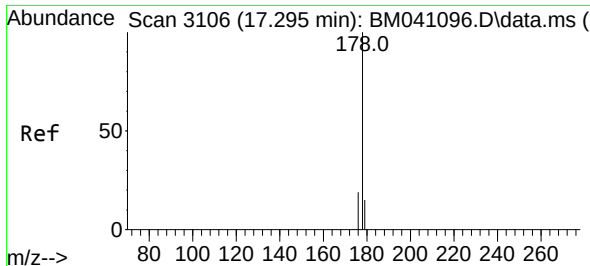
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#12
Fluorene
Concen: 5.619 ng/ul
RT: 15.545 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

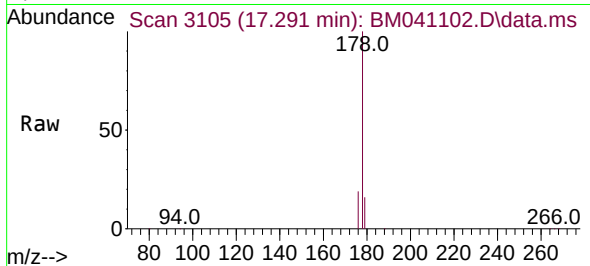
Tgt Ion:166 Resp: 143542
Ion Ratio Lower Upper
166 100
165 95.2 79.4 119.0
167 14.1 11.4 17.2





#15
Phenanthrene
Concen: 35.969 ng/u1
RT: 17.291 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

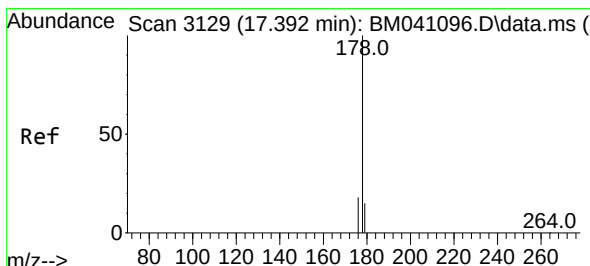
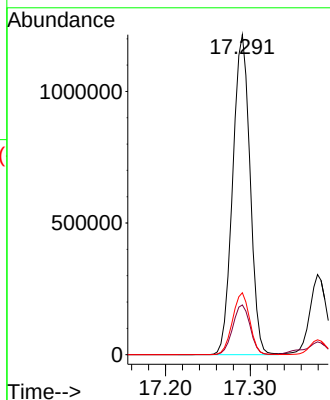
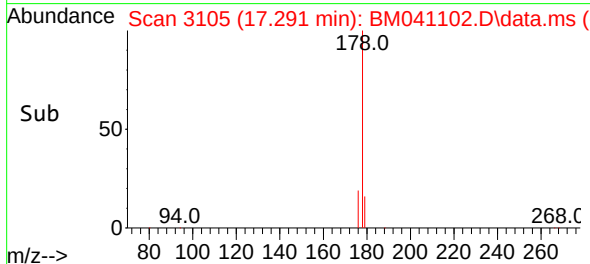
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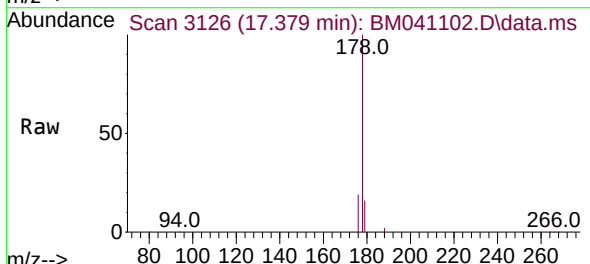
Tgt Ion:178 Resp: 1717679
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 19.3 16.0 24.0

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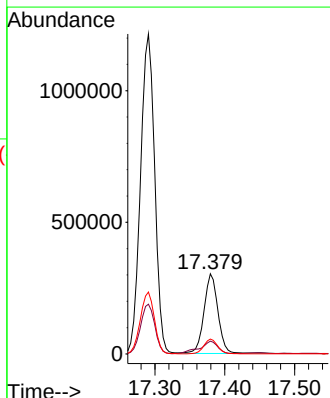
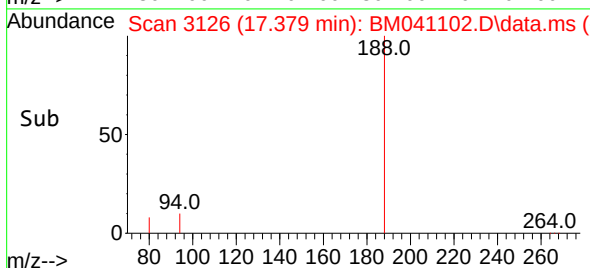
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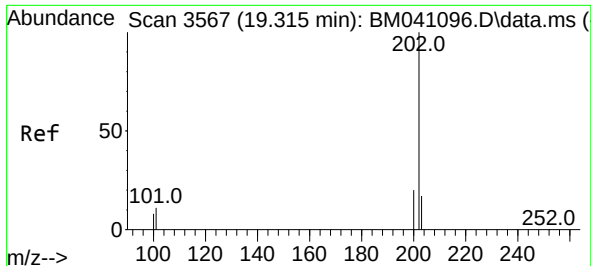


#16
Anthracene
Concen: 10.919 ng/u1
RT: 17.379 min Scan# 3126
Delta R.T. -0.013 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42



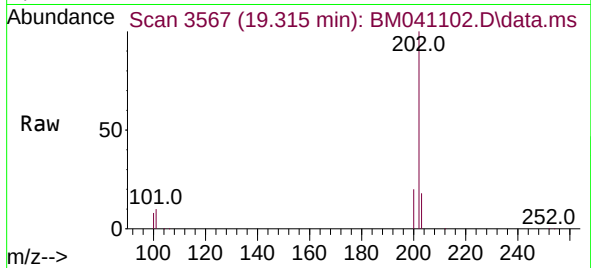
Tgt Ion:178 Resp: 422122
Ion Ratio Lower Upper
178 100
179 16.0 13.6 20.4
176 18.6 16.0 24.0





#19
Fluoranthene
Concen: 49.525 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

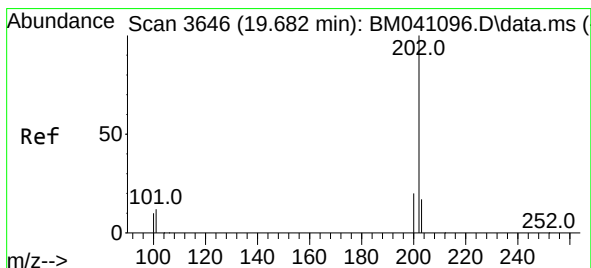
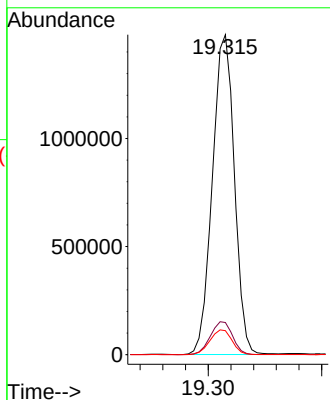
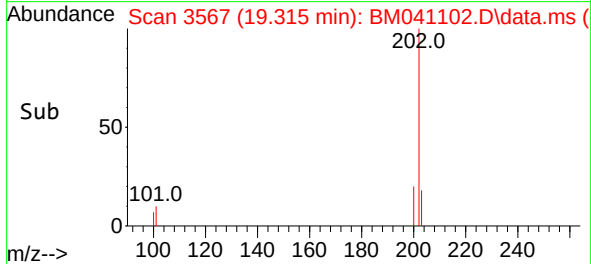
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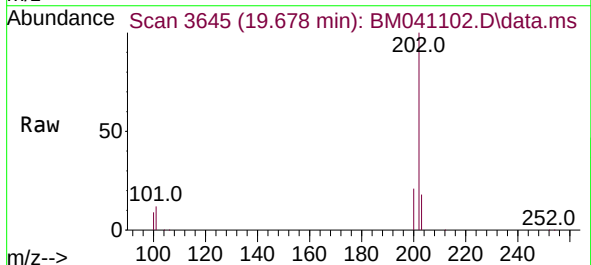
Tgt Ion:202 Resp: 1990085
Ion Ratio Lower Upper
202 100
101 10.1 9.4 14.0
100 7.5 7.1 10.7

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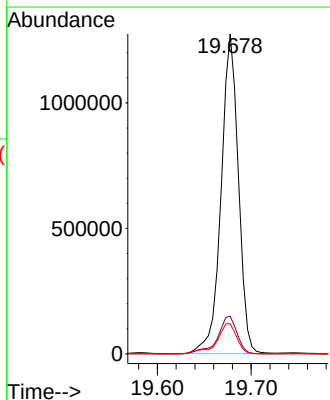
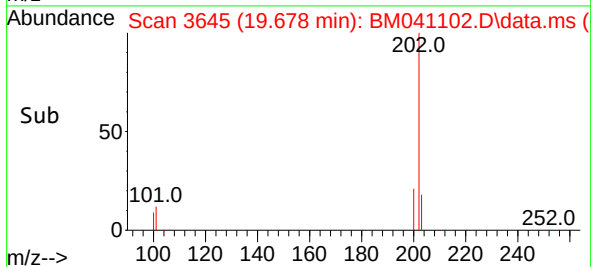
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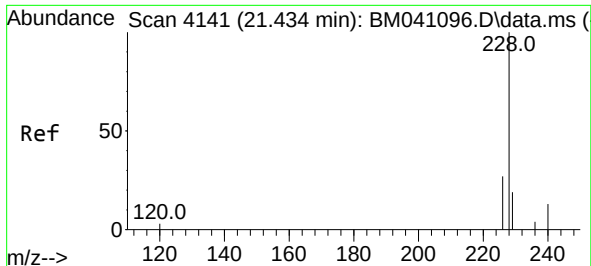


#20
Pyrene
Concen: 36.851 ng/ul
RT: 19.678 min Scan# 3645
Delta R.T. -0.005 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42



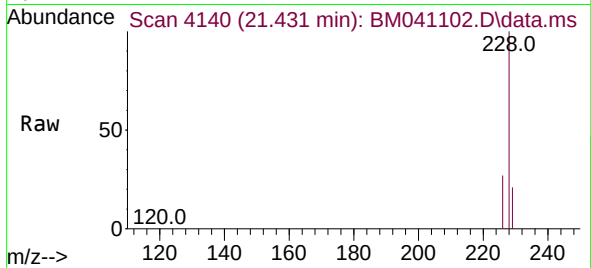
Tgt Ion:202 Resp: 1632781
Ion Ratio Lower Upper
202 100
101 11.8 10.7 16.1
100 9.4 8.5 12.7





#21
Benzo(a)anthracene
Concen: 19.691 ng/u1
RT: 21.431 min Scan# 4141
Delta R.T. -0.003 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

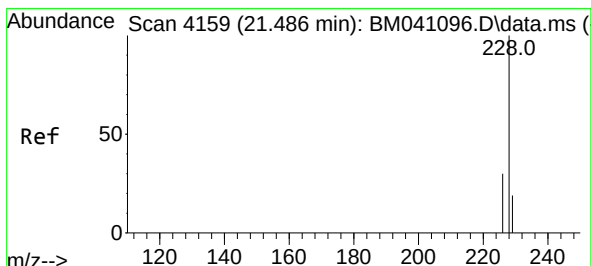
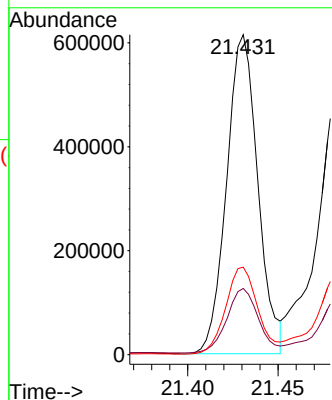
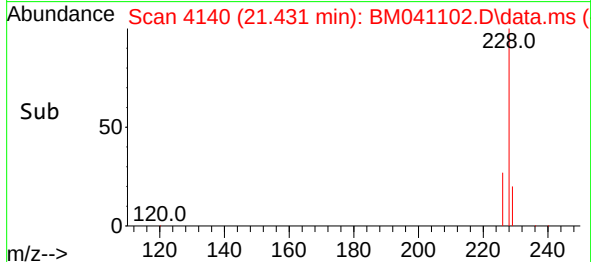
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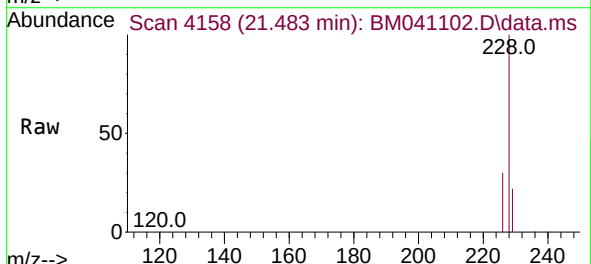
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Ion Ratio Lower Upper
228 100
229 20.7 16.5 24.7
226 27.3 22.2 33.2

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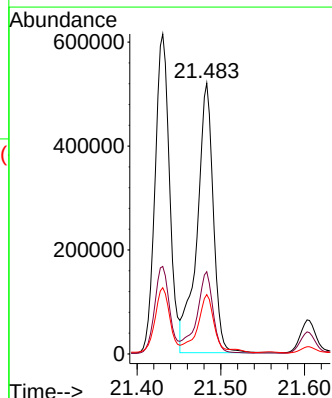
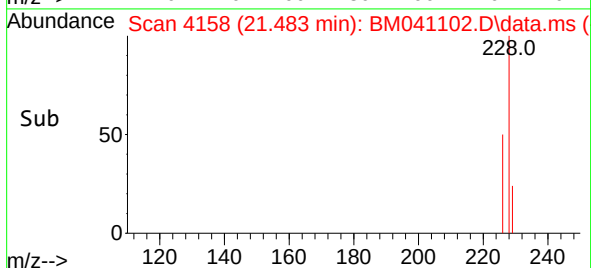
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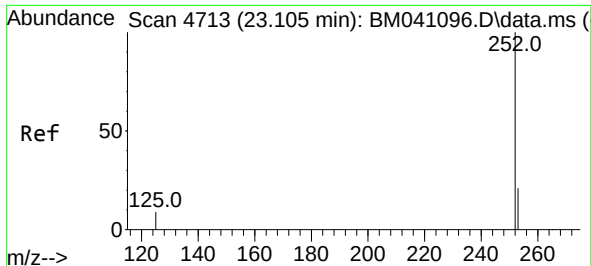


#22
Chrysene
Concen: 16.095 ng/u1
RT: 21.483 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42



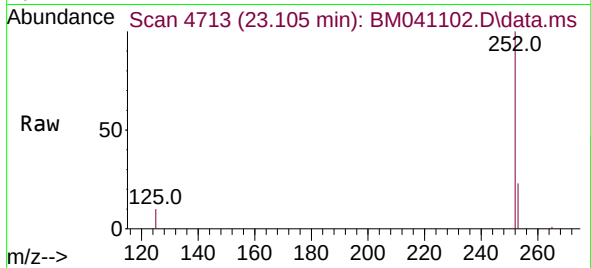
Tgt Ion:228 Resp: 696777
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 21.9 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 14.774 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. -0.000 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

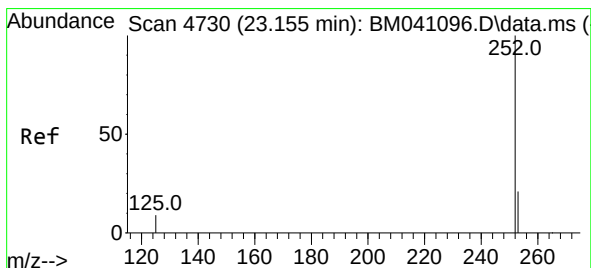
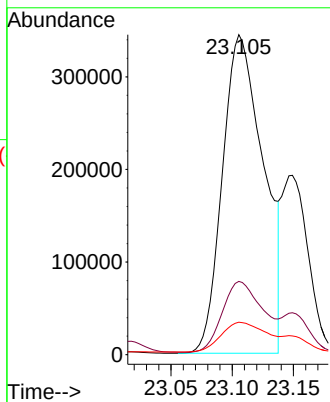
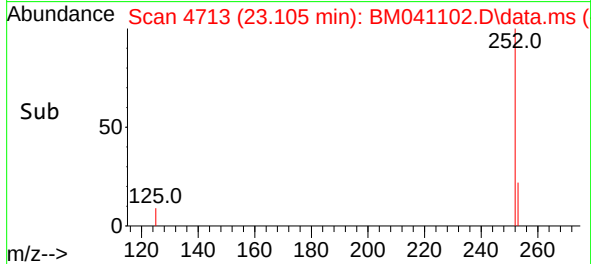
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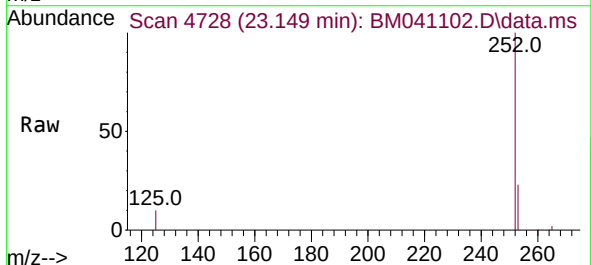
Tgt Ion:252 Resp: 801725
Ion Ratio Lower Upper
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253 22.9 0.0 57.6
125 10.2 0.0 33.6

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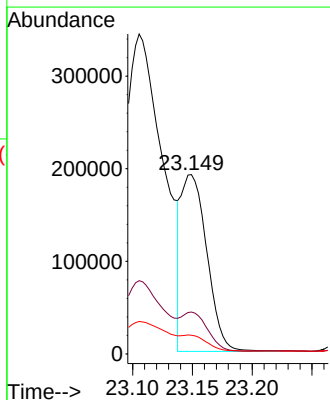
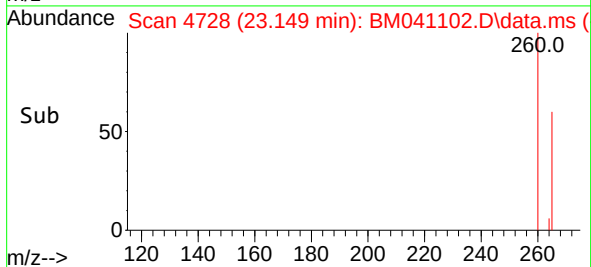
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023

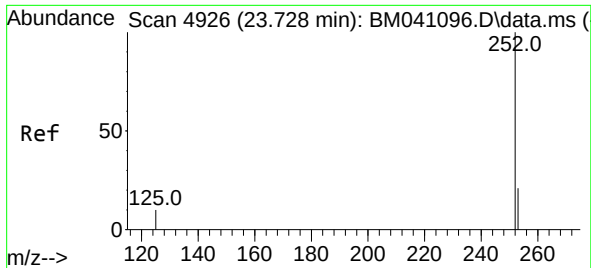


#25
Benzo(k)fluoranthene
Concen: 5.503 ng/ul m
RT: 23.149 min Scan# 4728
Delta R.T. -0.006 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42



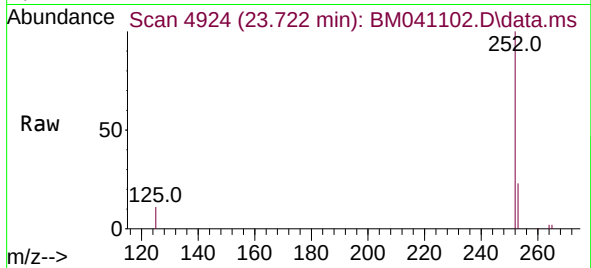
Tgt Ion:252 Resp: 285047
Ion Ratio Lower Upper
252 100
253 23.4 22.8 34.2
125 10.5 13.5 20.3#





#26
Benzo(a)pyrene
Concen: 12.046 ng/ul
RT: 23.722 min Scan# 4926
Delta R.T. -0.006 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

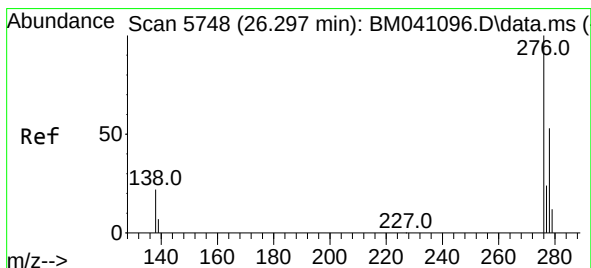
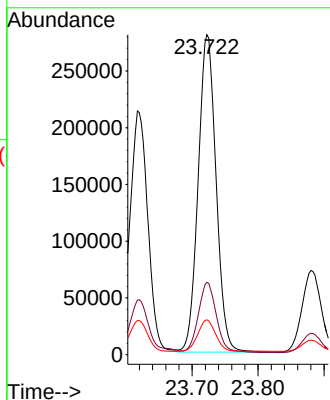
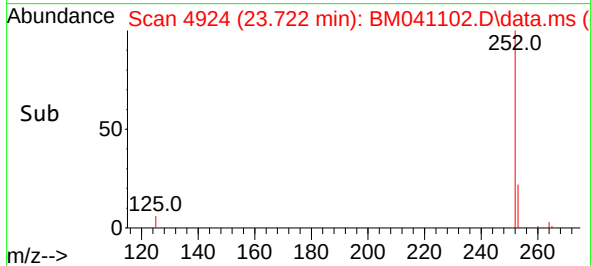
Instrument :
BNA_M
ClientSampleId :
A4736



Tgt Ion:252 Resp: 529532
Ion Ratio Lower Upper
252 100
253 22.6 26.7 40.1
125 10.9 18.1 27.1

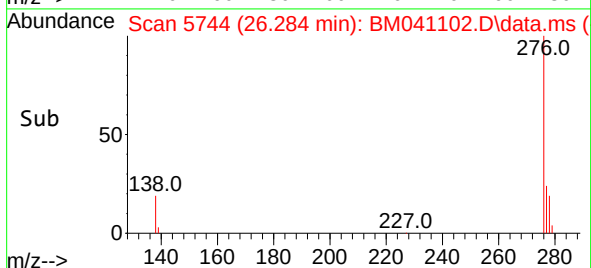
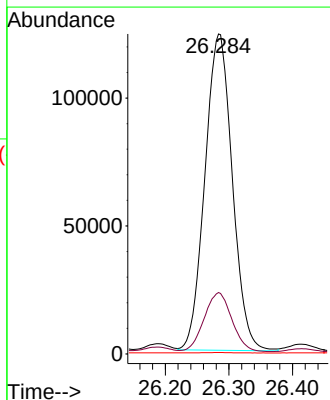
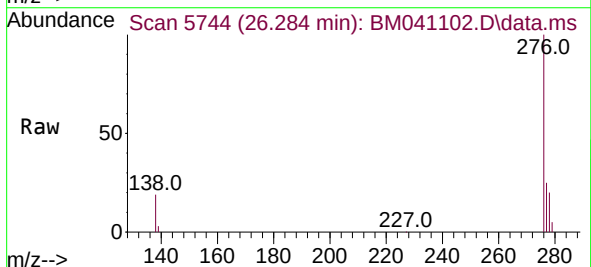
Manual Integrations
APPROVED

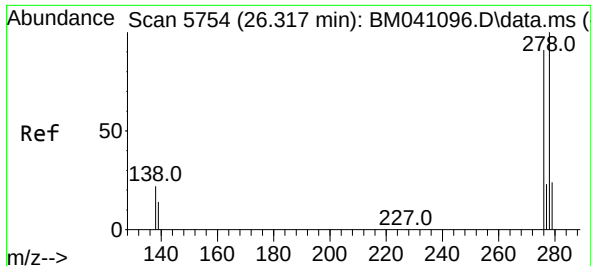
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.685 ng/ul
RT: 26.284 min Scan# 5744
Delta R.T. -0.014 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

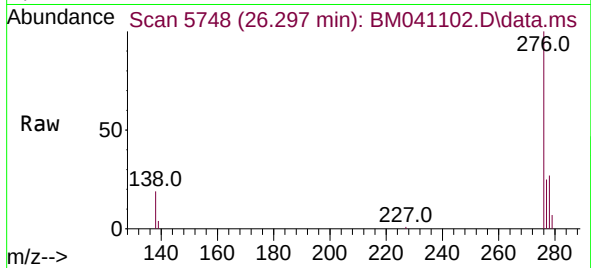
Tgt Ion:276 Resp: 369966
Ion Ratio Lower Upper
276 100
138 18.8 18.1 27.1
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.862 ng/ul
RT: 26.297 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

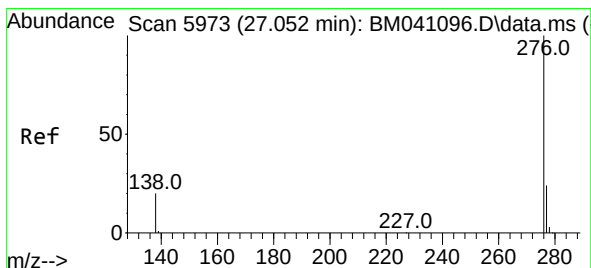
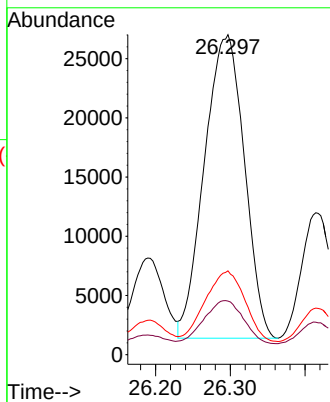
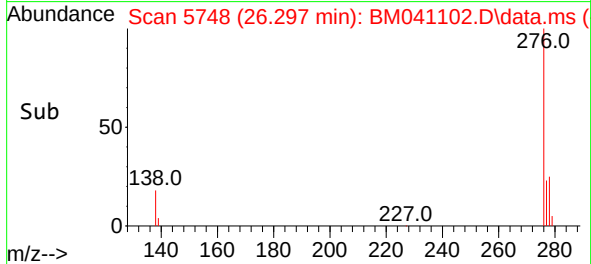
Instrument :
BNA_M
ClientSampleId :
A4736



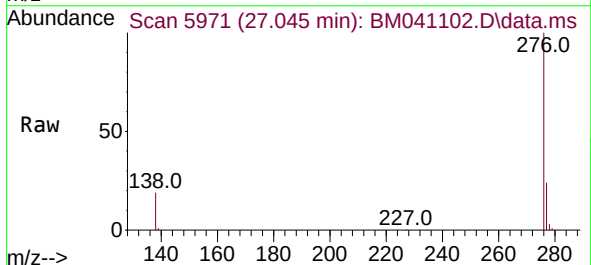
Tgt Ion: 278 Resp: 95069
Ion Ratio Lower Upper
278 100
139 16.8 14.1 21.1
279 26.2 25.0 37.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#29
Benzo(g,h,i)perylene
Concen: 5.611 ng/ul
RT: 27.045 min Scan# 5971
Delta R.T. -0.007 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42



Tgt Ion: 276 Resp: 326364
Ion Ratio Lower Upper
276 100
138 19.5 18.2 27.2
277 24.2 20.6 30.8

