

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040291.D
 Acq On : 16 Jun 2023 21:28
 Operator : MA/JU
 Sample : 03080-04DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 16 23:40:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	9340	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	31152	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	14822	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	26386	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	20745	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	24128	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	6583	0.571	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1555	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	2410	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	7593	0.103	ng/ul#	95
7) 2-Methylnaphthalene	12.439	142	3838	0.084	ng/ul	99
8) 1-Methylnaphthalene	12.653	142	2511	0.052	ng/ul	99
10) Acenaphthylene	14.327	152	7829	0.151	ng/ul	95
11) Acenaphthene	14.670	153	3558	0.080	ng/ul	98
12) Fluorene	15.650	166	2595	0.052	ng/ul#	90
14) Pentachlorophenol	17.003	266	200	0.037	ng/ul	99
15) Phenanthrene	17.391	178	61343	0.884	ng/ul	99
16) Anthracene	17.480	178	10801	0.184	ng/ul	96
19) Fluoranthene	19.403	202	139232	1.970	ng/ul	98
20) Pyrene	19.765	202	130602	1.779	ng/ul	99
21) Benzo(a)anthracene	21.509	228	69585	1.136	ng/ul	96
22) Chrysene	21.564	228	91115	1.409	ng/ul	97
24) Benzo(b)fluoranthene	23.213	252	153692	1.728	ng/ul	96
25) Benzo(k)fluoranthene	23.257	252	48357m	0.577	ng/ul	
26) Benzo(a)pyrene	23.842	252	110208	1.510	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.467	276	91487	0.990	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.471	278	24393	0.329	ng/ul#	84
29) Benzo(g,h,i)perylene	27.246	276	111619	1.446	ng/ul	99

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

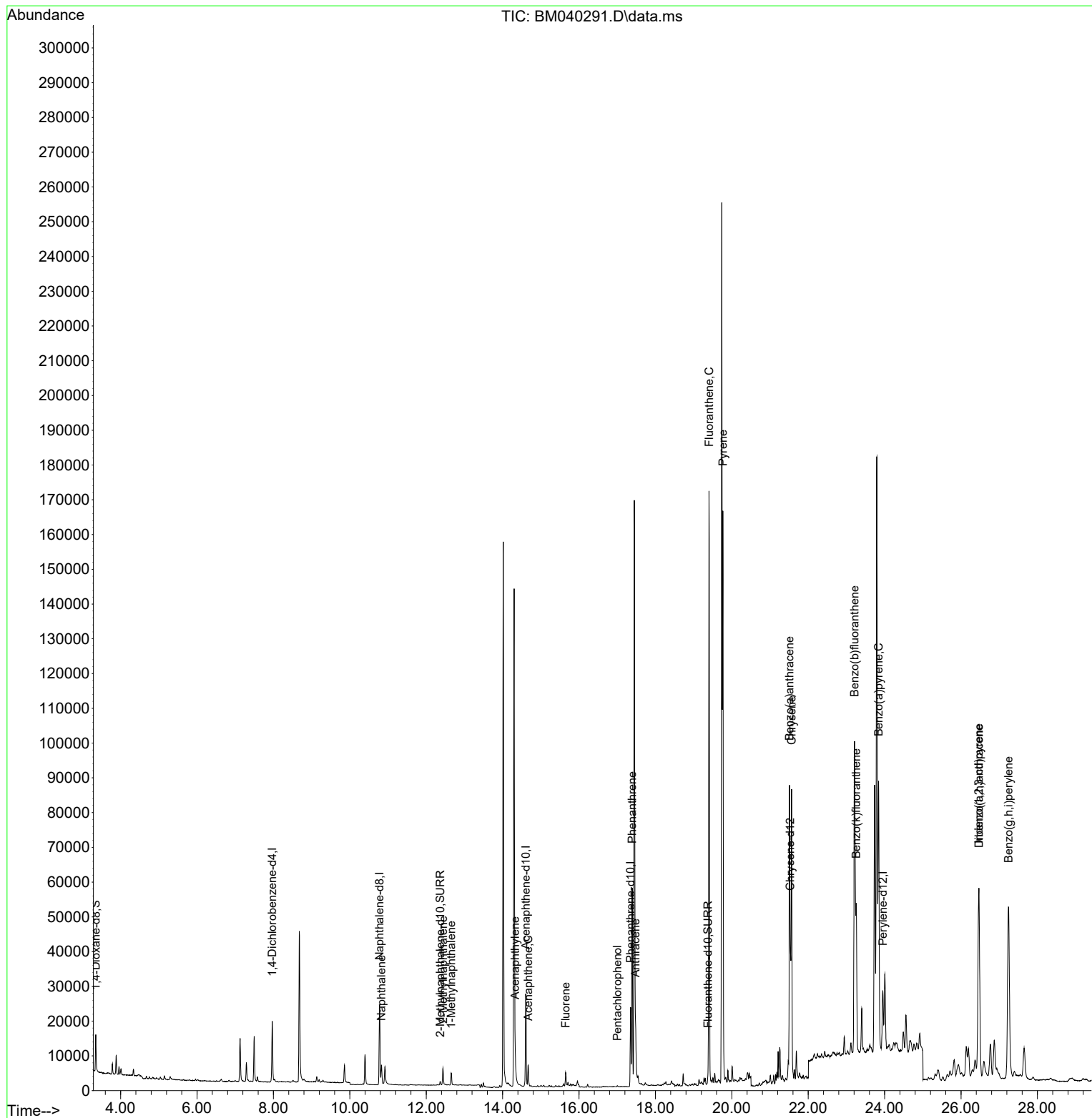
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040291.D
Acq On : 16 Jun 2023 21:28
Operator : MA/JU
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ALS Vial : 16 Sample Multiplier: 1

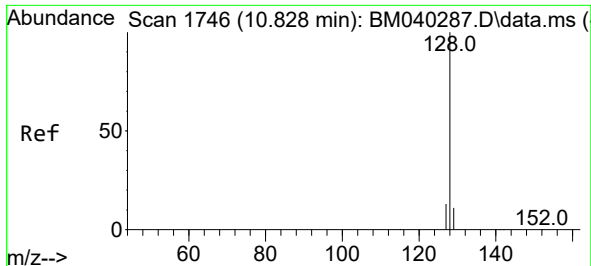
Instrument :
BNA_M
ClientSampleId :
DCFH3DL

Quant Time: Jun 16 23:40:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
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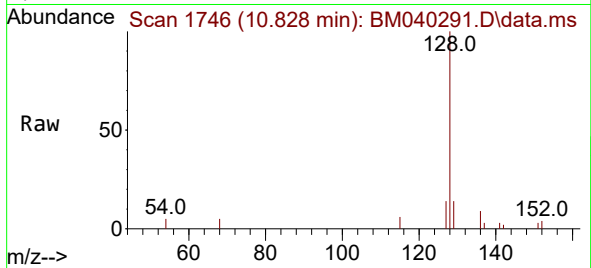
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023





#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.828 min Scan# 1746
Delta R.T. -0.005 min
Lab File: BM040291.D
Acq: 16 Jun 2023 21:28

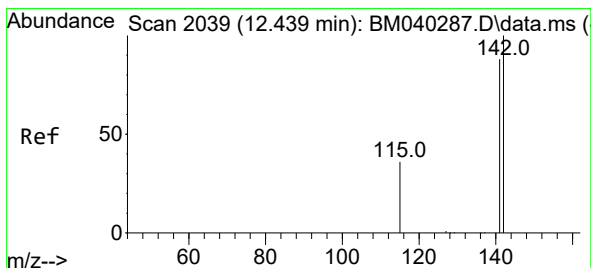
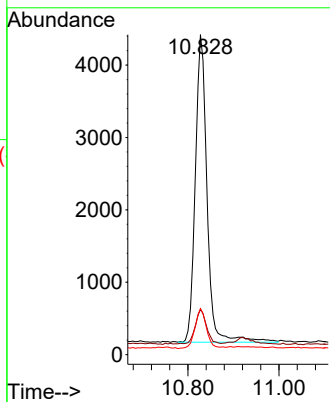
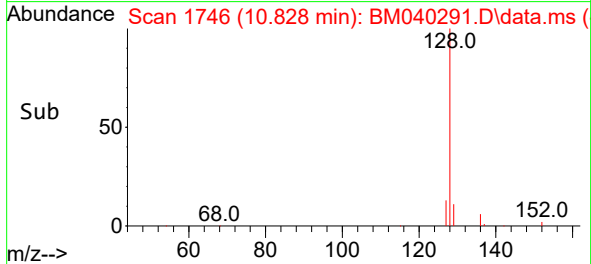
Instrument :
BNA_M
ClientSampleId :
DCFH3DL



Tgt Ion:128 Resp: 759
Ion Ratio Lower Upper
128 100
129 14.2 9.1 13.7
127 14.4 10.4 15.6

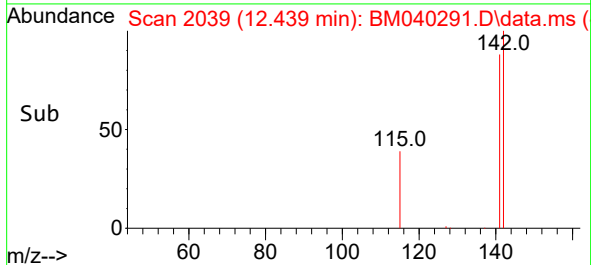
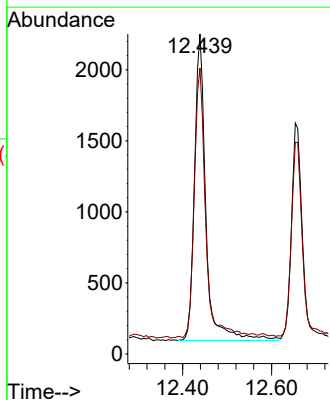
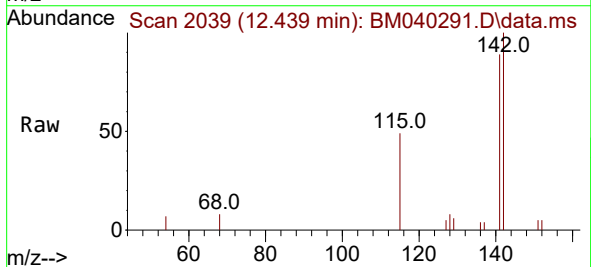
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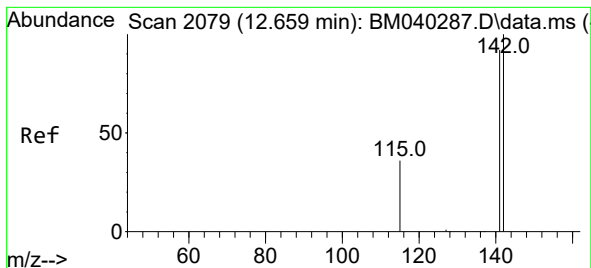
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#7
2-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040291.D
Acq: 16 Jun 2023 21:28

Tgt Ion:142 Resp: 3838
Ion Ratio Lower Upper
142 100
141 89.0 70.6 106.0





#8

1-Methylnaphthalene

Concen: 0.052 ng/ul

RT: 12.653 min Scan# 2079

Delta R.T. -0.011 min

Lab File: BM040291.D

Acq: 16 Jun 2023 21:28

Instrument :

BNA_M

ClientSampleId :

DCFH3DL

Tgt Ion:142 Resp: 251

Ion Ratio Lower Upper

142 100

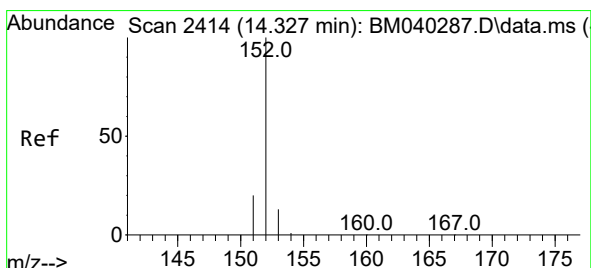
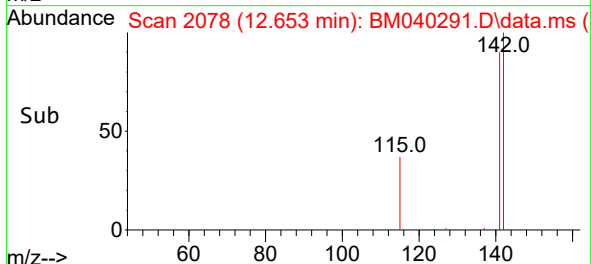
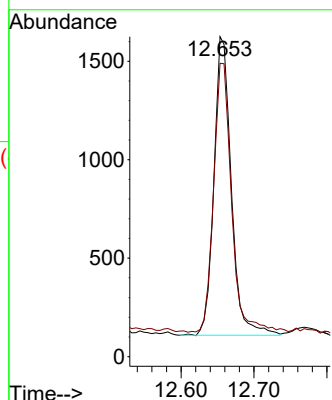
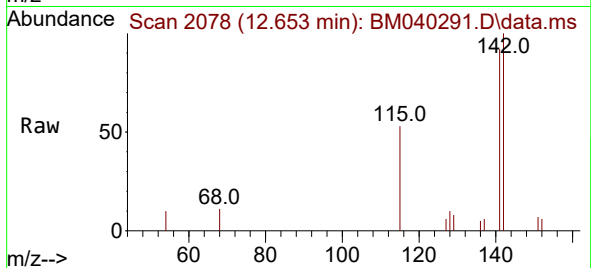
141 92.5 73.0 109.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#10

Acenaphthylene

Concen: 0.151 ng/ul

RT: 14.327 min Scan# 2414

Delta R.T. -0.005 min

Lab File: BM040291.D

Acq: 16 Jun 2023 21:28

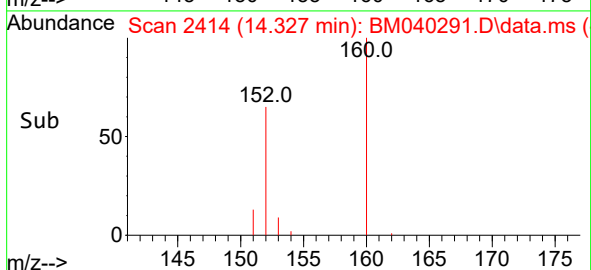
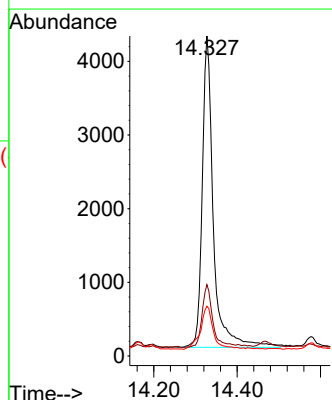
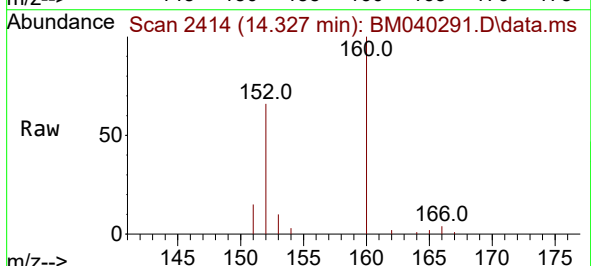
Tgt Ion:152 Resp: 7829

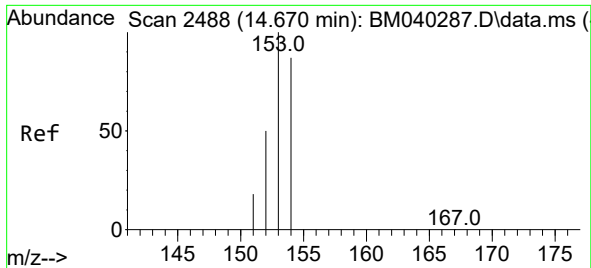
Ion Ratio Lower Upper

152 100

151 22.3 16.3 24.5

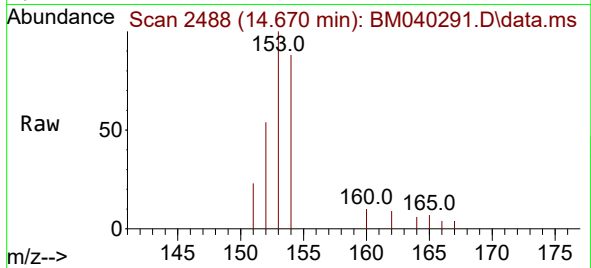
153 15.6 10.7 16.1





#11
Acenaphthene
Concen: 0.080 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040291.D
Acq: 16 Jun 2023 21:28

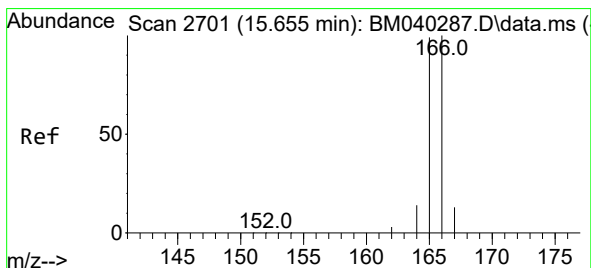
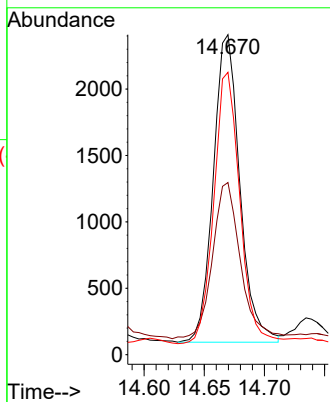
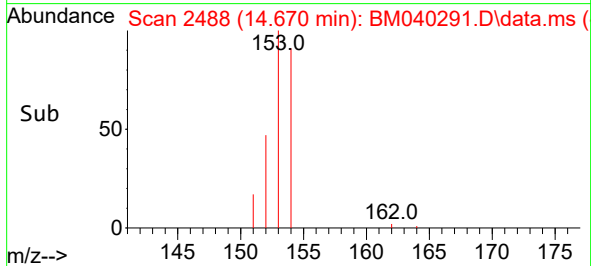
Instrument :
BNA_M
ClientSampleId :
DCFH3DL



Tgt Ion:153 Resp: 3558
Ion Ratio Lower Upper
153 100
152 53.8 40.3 60.5
154 88.3 70.5 105.7

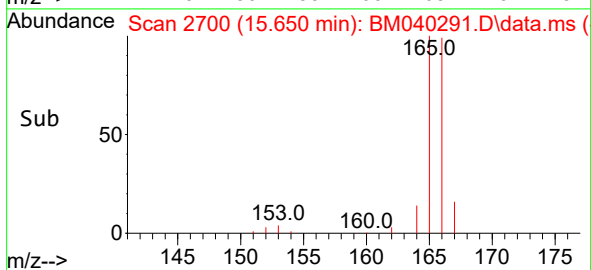
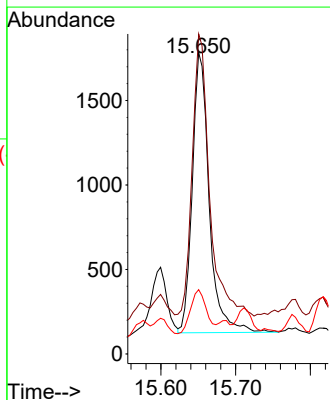
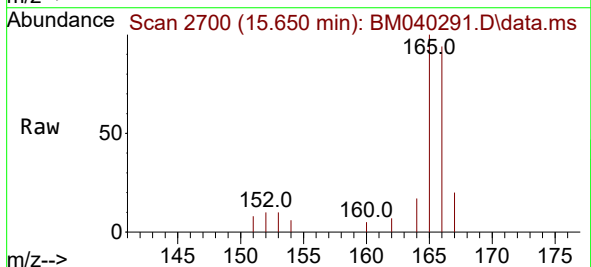
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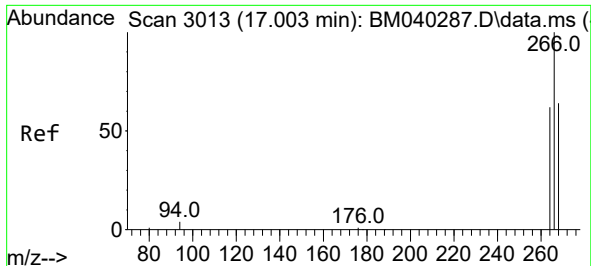
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
Fluorene
Concen: 0.052 ng/ul
RT: 15.650 min Scan# 2700
Delta R.T. -0.009 min
Lab File: BM040291.D
Acq: 16 Jun 2023 21:28

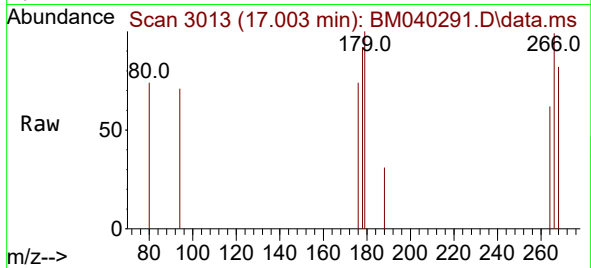
Tgt Ion:166 Resp: 2595
Ion Ratio Lower Upper
166 100
165 106.2 78.2 117.4
167 21.4 11.0 16.4#





#14
Pentachlorophenol
Concen: 0.037 ng/ul
RT: 17.003 min Scan# 3013
Delta R.T. -0.004 min
Lab File: BM040291.D
Acq: 16 Jun 2023 21:28

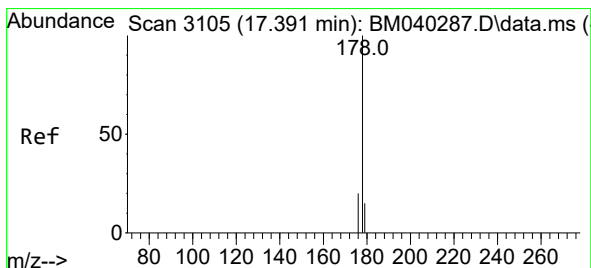
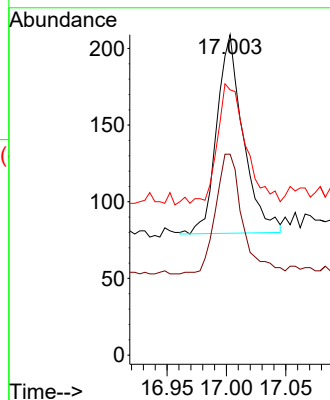
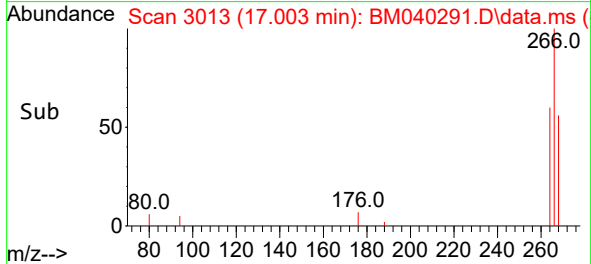
Instrument :
BNA_M
ClientSampleId :
DCFH3DL



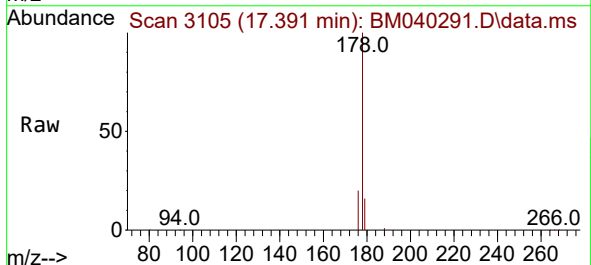
Tgt Ion:266 Resp: 2000
Ion Ratio Lower Upper
266 100
264 61.5 49.4 74.0
268 65.0 51.3 76.9

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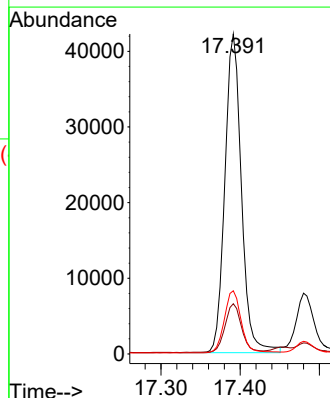
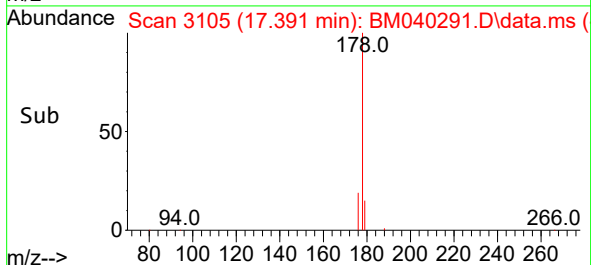
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

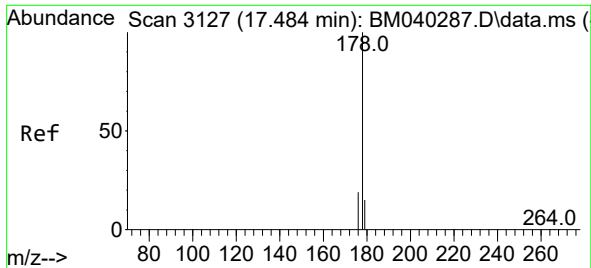


#15
Phenanthrene
Concen: 0.884 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040291.D
Acq: 16 Jun 2023 21:28



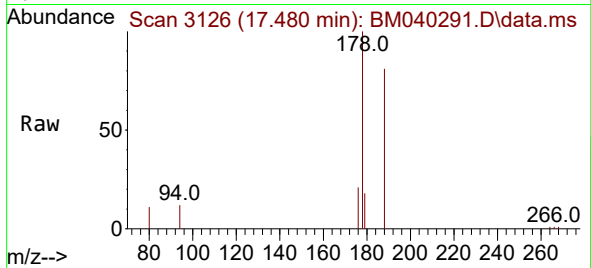
Tgt Ion:178 Resp: 61343
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.7 16.1 24.1





#16
 Anthracene
 Concen: 0.184 ng/ul
 RT: 17.480 min Scan# 3127
 Delta R.T. -0.008 min
 Lab File: BM040291.D
 Acq: 16 Jun 2023 21:28

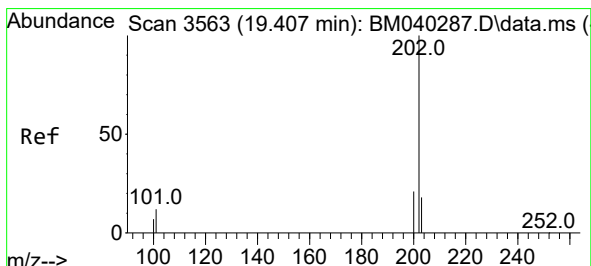
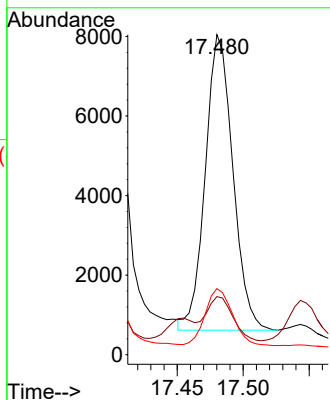
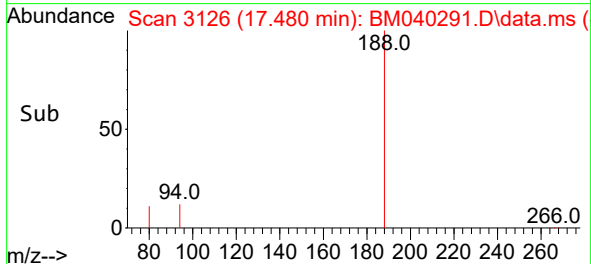
Instrument :
 BNA_M
 ClientSampleId :
 DCFH3DL



Tgt Ion:178 Resp: 1080
 Ion Ratio Lower Upper
 178 100
 179 18.2 13.0 19.4
 176 20.7 15.5 23.3

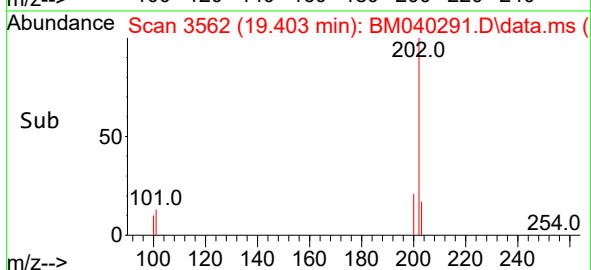
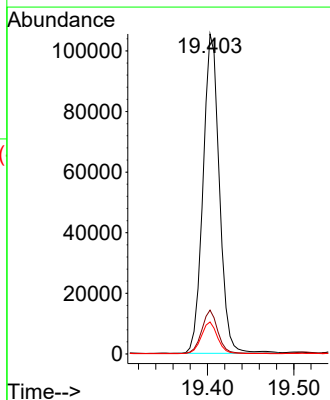
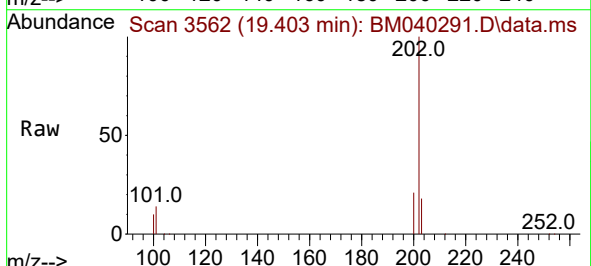
Manual Integrations
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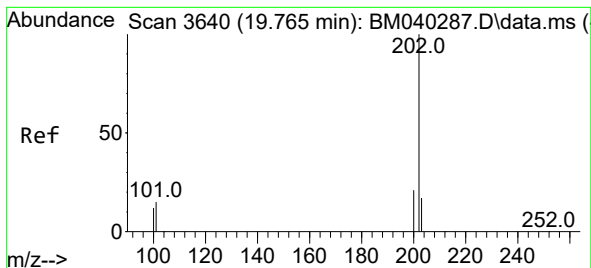
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023



#19
 Fluoranthene
 Concen: 1.970 ng/ul
 RT: 19.403 min Scan# 3562
 Delta R.T. -0.005 min
 Lab File: BM040291.D
 Acq: 16 Jun 2023 21:28

Tgt Ion:202 Resp: 139232
 Ion Ratio Lower Upper
 202 100
 101 13.7 10.2 15.4
 100 10.0 7.6 11.4





#20

Pyrene

Concen: 1.779 ng/ul

RT: 19.765 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM040291.D

Acq: 16 Jun 2023 21:28

Instrument :

BNA_M

ClientSampleId :

DCFH3DL

Tgt Ion:202 Resp: 13060

Ion Ratio Lower Upper

202 100

101 15.3 11.8 17.8

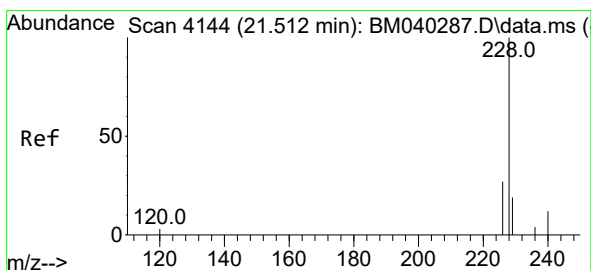
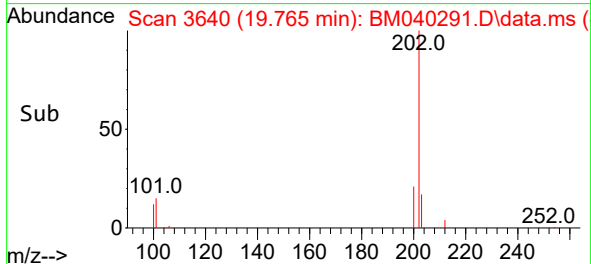
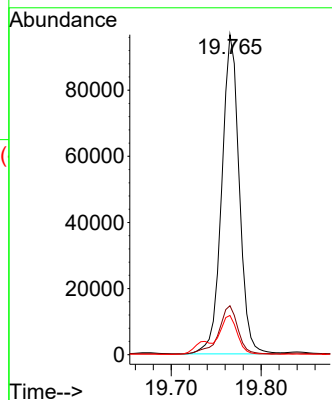
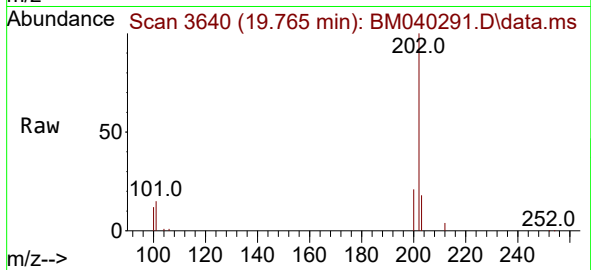
100 12.3 9.3 13.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#21

Benzo(a)anthracene

Concen: 1.136 ng/ul

RT: 21.509 min Scan# 4143

Delta R.T. -0.006 min

Lab File: BM040291.D

Acq: 16 Jun 2023 21:28

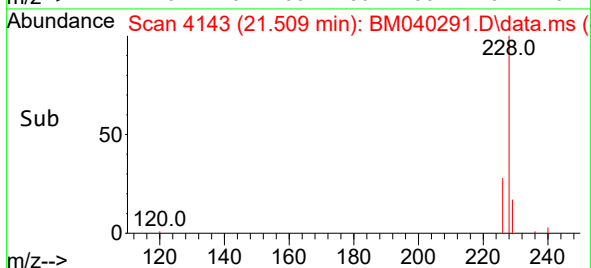
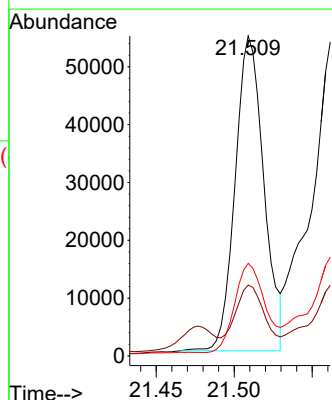
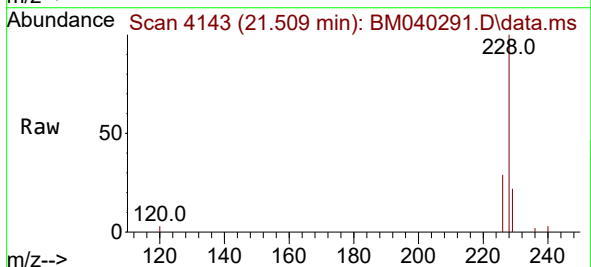
Tgt Ion:228 Resp: 69585

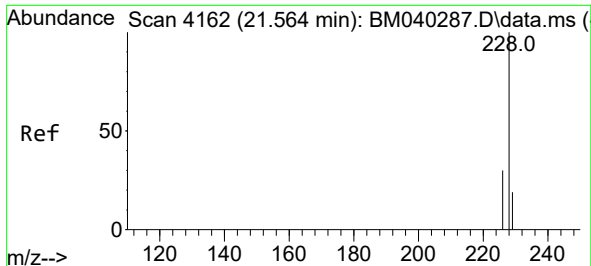
Ion Ratio Lower Upper

228 100

229 22.2 15.8 23.8

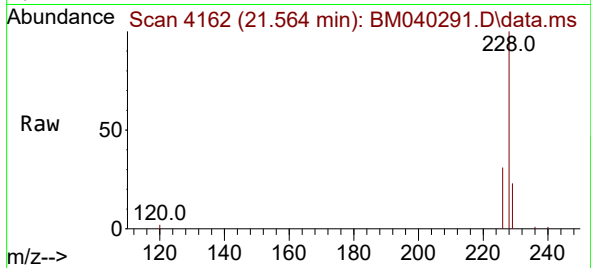
226 29.0 22.0 33.0





#22
Chrysene
Concen: 1.409 ng/ul
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040291.D
Acq: 16 Jun 2023 21:28

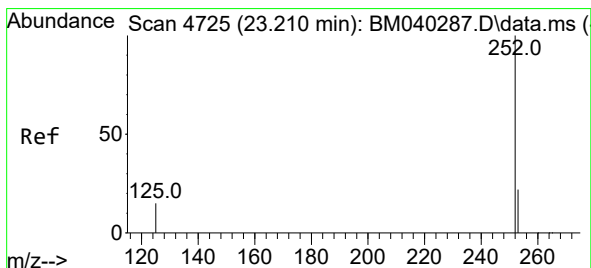
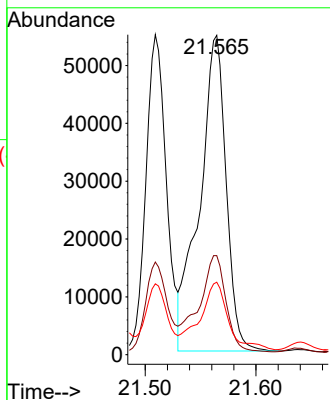
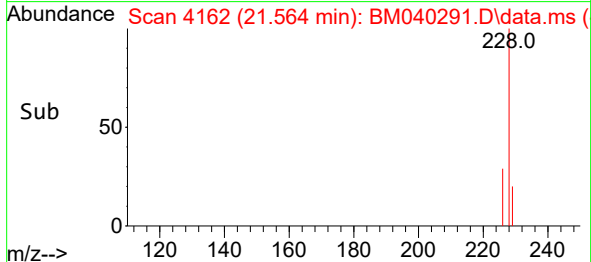
Instrument :
BNA_M
ClientSampleId :
DCFH3DL



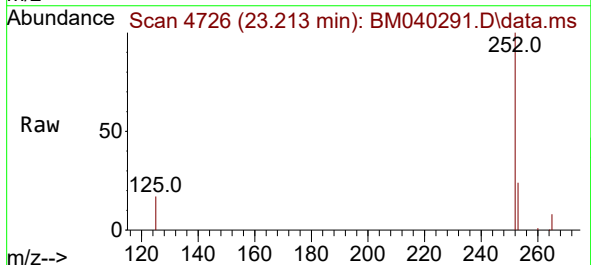
Tgt Ion:228 Resp: 91111
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 22.7 15.7 23.5

Manual Integrations
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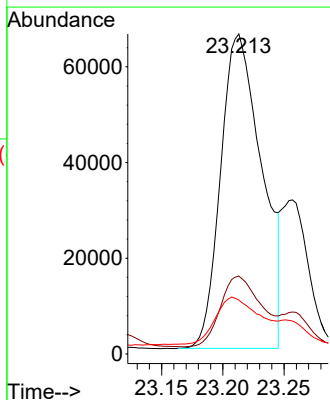
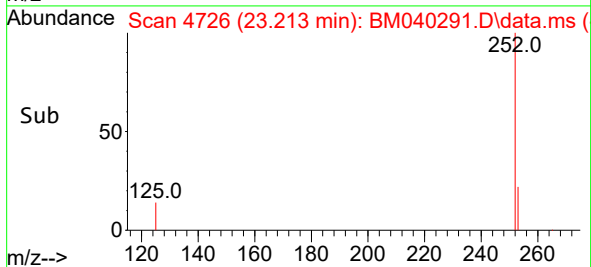
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

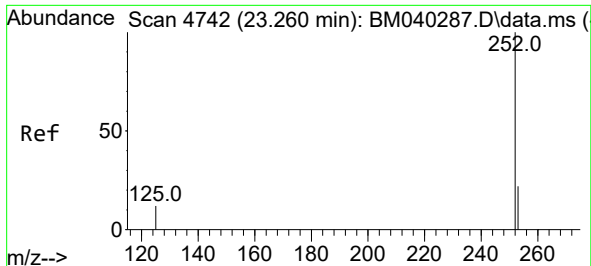


#24
Benzo(b)fluoranthene
Concen: 1.728 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040291.D
Acq: 16 Jun 2023 21:28



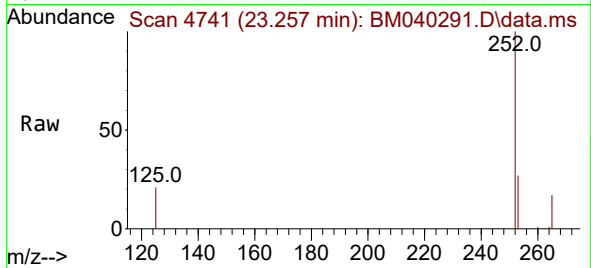
Tgt Ion:252 Resp: 153692
Ion Ratio Lower Upper
252 100
253 24.3 0.0 52.4
125 16.9 0.0 38.4





#25
Benzo(k)fluoranthene
Concen: 0.577 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040291.D
Acq: 16 Jun 2023 21:28

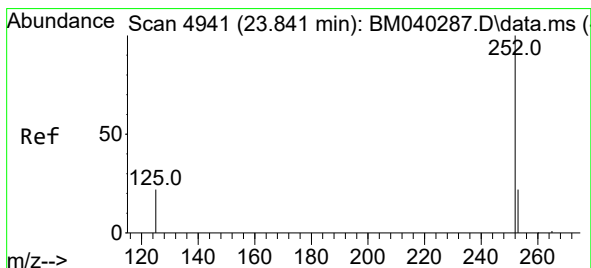
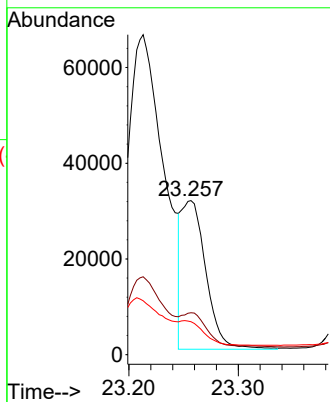
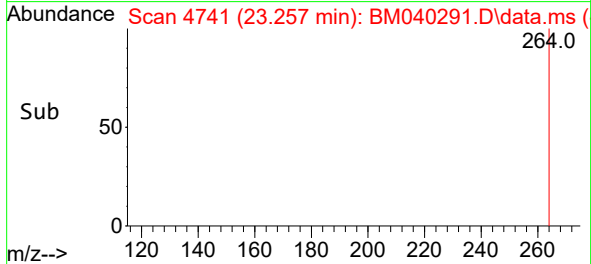
Instrument :
BNA_M
ClientSampleId :
DCFH3DL



Tgt Ion:252 Resp: 4835
Ion Ratio Lower Upper
252 100
253 27.2 21.5 32.3
125 21.4 14.7 22.1

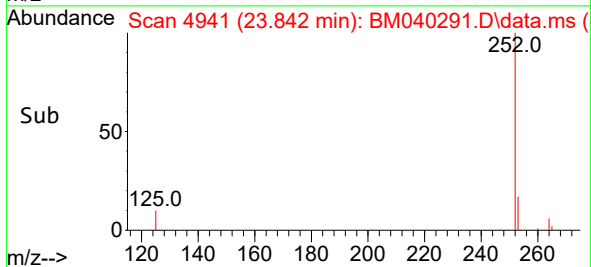
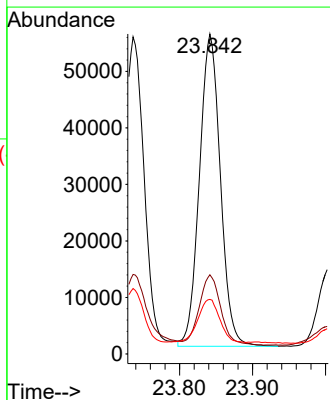
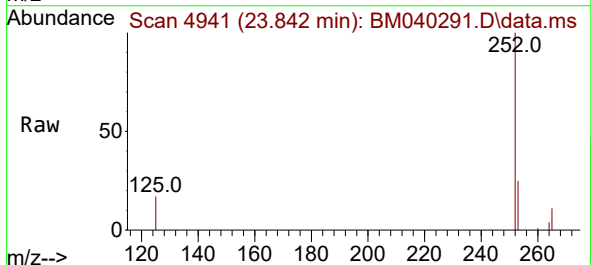
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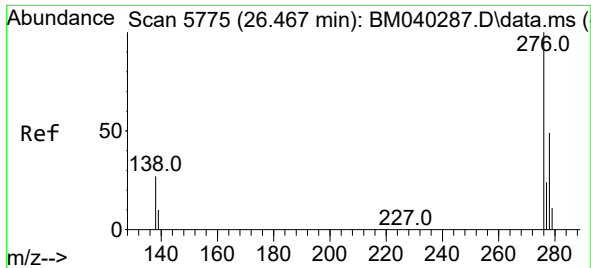
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#26
Benzo(a)pyrene
Concen: 1.510 ng/ul
RT: 23.842 min Scan# 4941
Delta R.T. -0.009 min
Lab File: BM040291.D
Acq: 16 Jun 2023 21:28

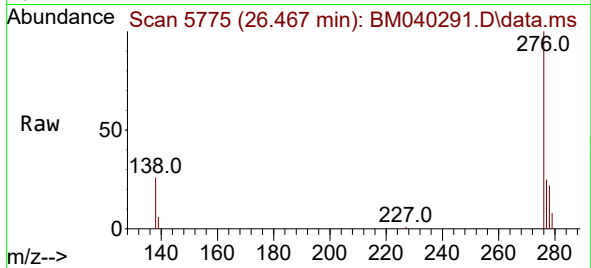
Tgt Ion:252 Resp: 110208
Ion Ratio Lower Upper
252 100
253 24.7 23.4 35.0
125 17.0 19.7 29.5#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.990 ng/ul
 RT: 26.467 min Scan# 5775
 Delta R.T. -0.010 min
 Lab File: BM040291.D
 Acq: 16 Jun 2023 21:28

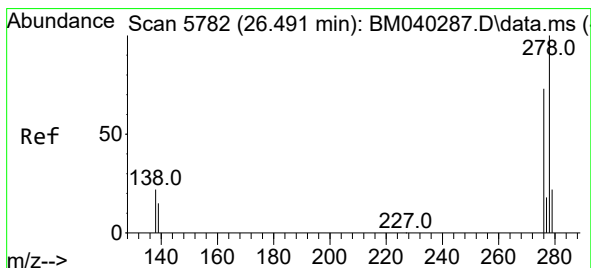
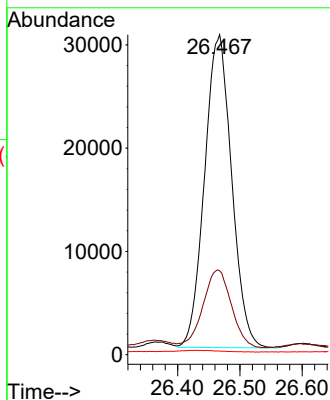
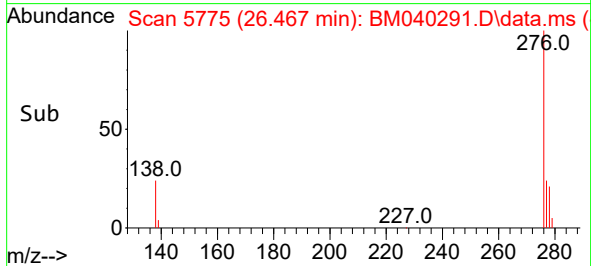
Instrument :
 BNA_M
 ClientSampleId :
 DCFH3DL



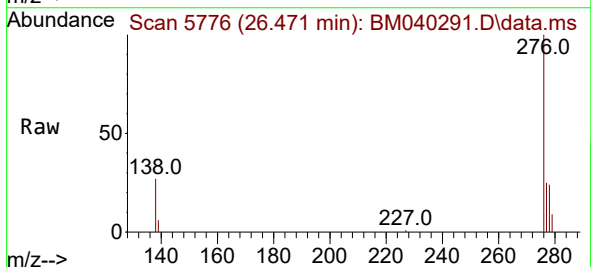
Tgt Ion:276 Resp: 9148
 Ion Ratio Lower Upper
 276 100
 138 26.2 23.3 34.9
 227 0.0 0.1 0.1

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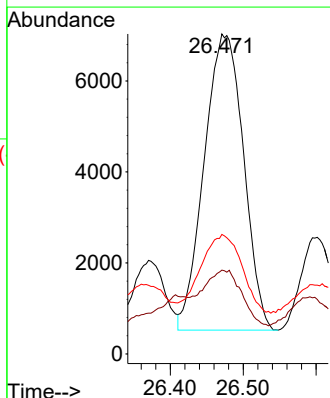
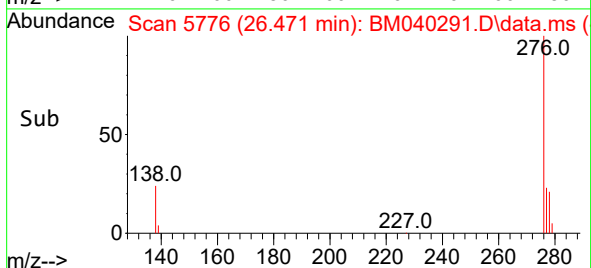
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

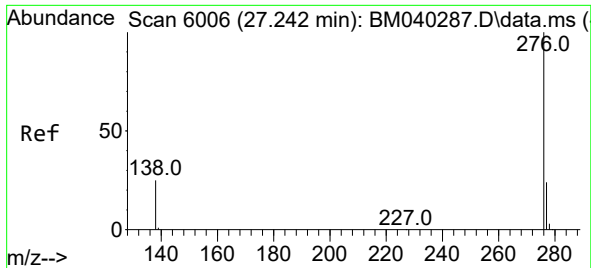


#28
 Dibenzo(a,h)anthracene
 Concen: 0.329 ng/ul
 RT: 26.471 min Scan# 5776
 Delta R.T. -0.027 min
 Lab File: BM040291.D
 Acq: 16 Jun 2023 21:28



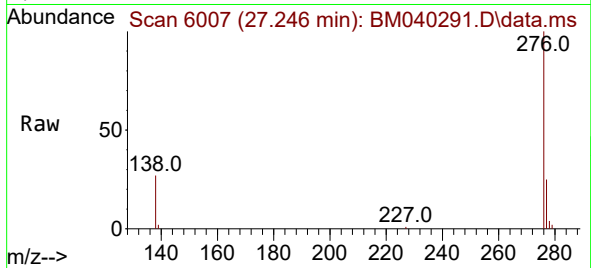
Tgt Ion:278 Resp: 24393
 Ion Ratio Lower Upper
 278 100
 139 26.2 16.4 24.6#
 279 37.3 21.8 32.8#





#29
Benzo(g,h,i)perylene
Concen: 1.446 ng/ul
RT: 27.246 min Scan# 6007
Delta R.T. -0.010 min
Lab File: BM040291.D
Acq: 16 Jun 2023 21:28

Instrument :
BNA_M
ClientSampleId :
DCFH3DL



Tgt Ion:276 Resp: 111619
Ion Ratio Lower Upper
276 100
138 26.9 21.0 31.4
277 24.7 19.6 29.4

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Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

