

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040293.D
 Acq On : 16 Jun 2023 22:42
 Operator : MA/JU
 Sample : 03080-06DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH5DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 23:41:12 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	8964	0.400	ng/ul	0.00
4) Naphthalene-d8	10.777	136	33112	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	16614	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.348	188	29933	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	18100	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	18559	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	4869	0.440	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.366	152	1159	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	1575	0.035	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.826	128	3412	0.043	ng/ul#	89
7) 2-Methylnaphthalene	12.437	142	1819	0.037	ng/ul	97
8) 1-Methylnaphthalene	12.657	142	1240	0.024	ng/ul	99
10) Acenaphthylene	14.326	152	3720	0.064	ng/ul#	92
11) Acenaphthene	14.668	153	1791	0.036	ng/ul	97
12) Fluorene	15.654	166	1636	0.029	ng/ul#	95
14) Pentachlorophenol	17.006	266	124	0.020	ng/ul#	88
15) Phenanthrene	17.390	178	39835	0.506	ng/ul	100
16) Anthracene	17.483	178	8450	0.127	ng/ul#	93
19) Fluoranthene	19.406	202	85595	1.388	ng/ul	99
20) Pyrene	19.764	202	73683	1.150	ng/ul	98
21) Benzo(a)anthracene	21.509	228	31287	0.586	ng/ul	97
22) Chrysene	21.562	228	41653	0.738	ng/ul	97
24) Benzo(b)fluoranthene	23.210	252	64395	0.941	ng/ul	99
25) Benzo(k)fluoranthene	23.254	252	23915m	0.371	ng/ul	
26) Benzo(a)pyrene	23.842	252	37651	0.671	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.461	276	32727	0.461	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.478	278	7634	0.134	ng/ul#	74
29) Benzo(g,h,i)perylene	27.242	276	30533	0.514	ng/ul	96

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

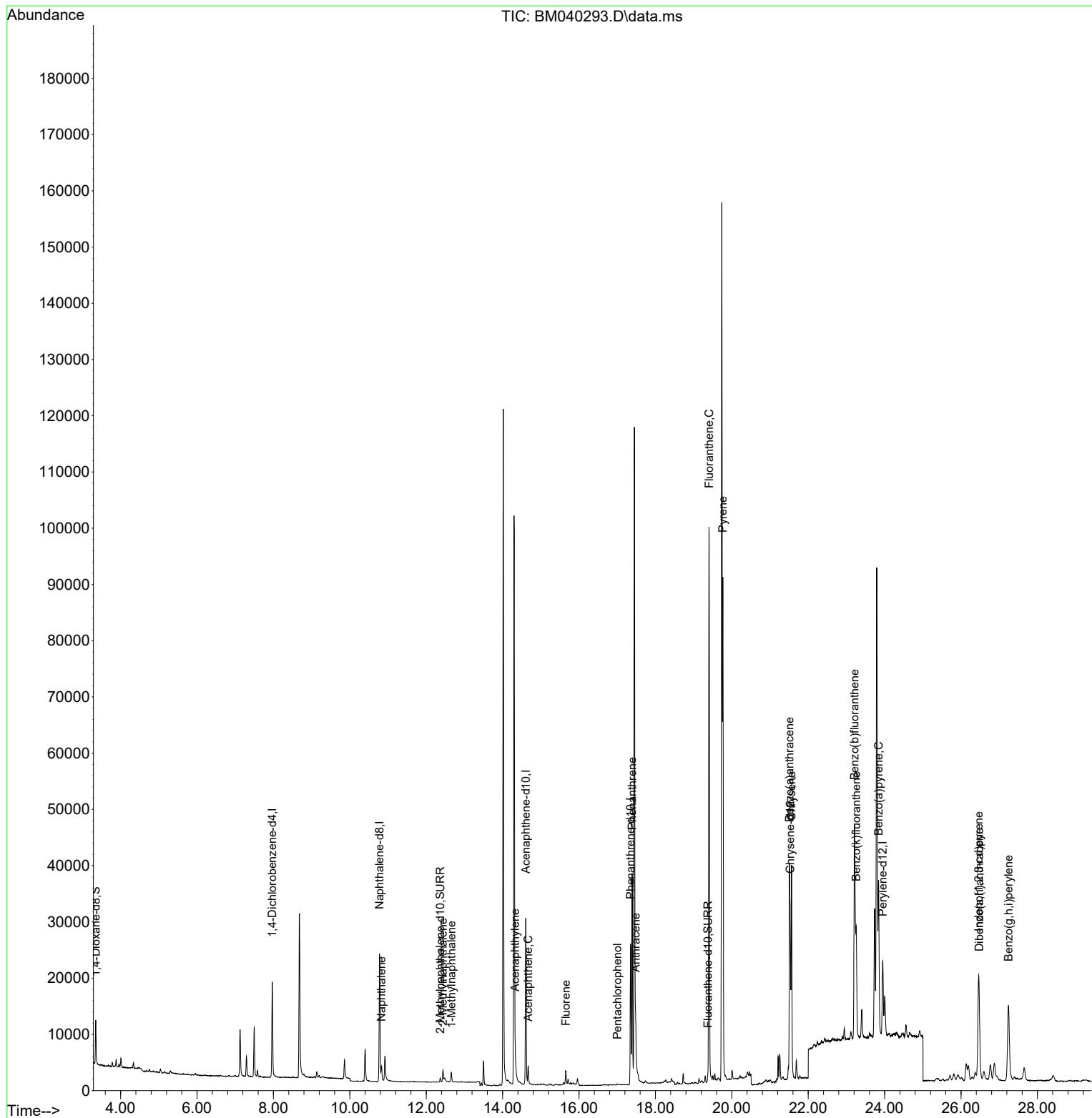
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040293.D
Acq On : 16 Jun 2023 22:42
Operator : MA/JU
Sample : 03080-06DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

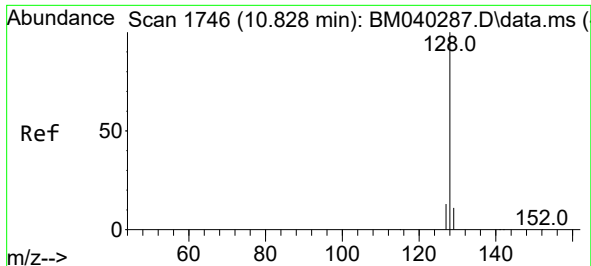
Instrument :
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ClientSampleId :
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Supervised By :mohammad ahmed 06/20/2023

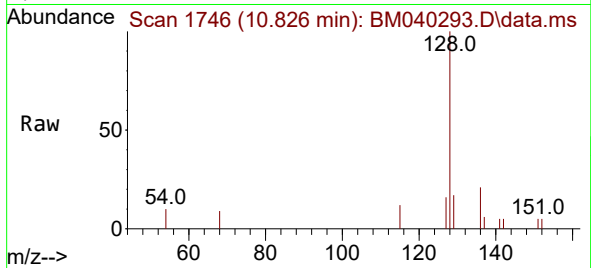
Quant Time: Jun 16 23:41:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.043 ng/ul
RT: 10.826 min Scan# 1746
Delta R.T. -0.007 min
Lab File: BM040293.D
Acq: 16 Jun 2023 22:42

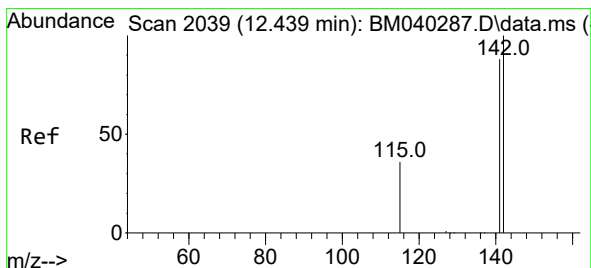
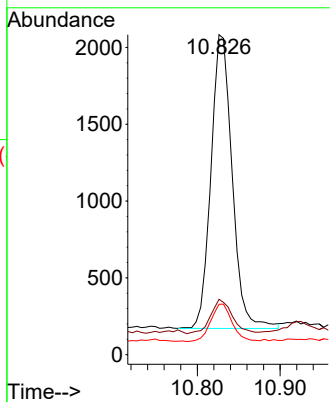
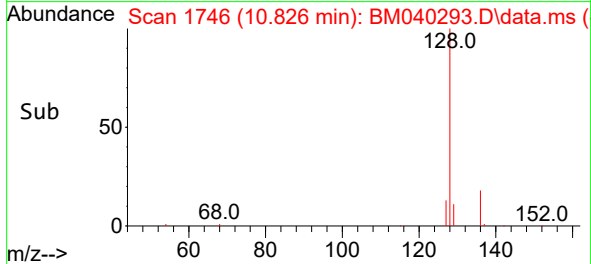
Instrument :
BNA_M
ClientSampleId :
DCFH5DL



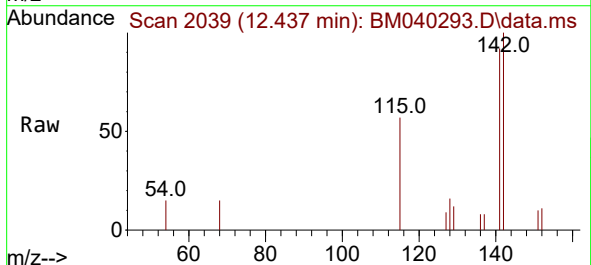
Tgt Ion:128 Resp: 3412
Ion Ratio Lower Upper
128 100
129 17.3 9.1 13.7
127 15.8 10.4 15.6

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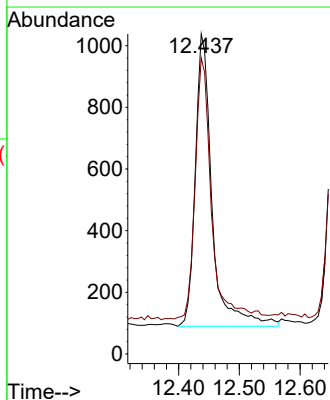
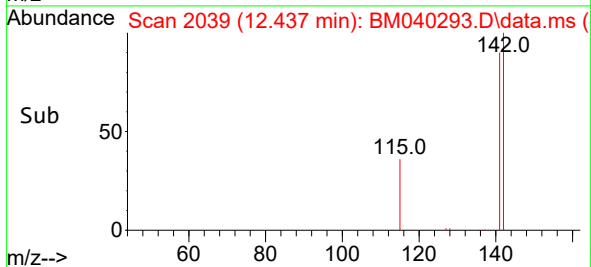
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

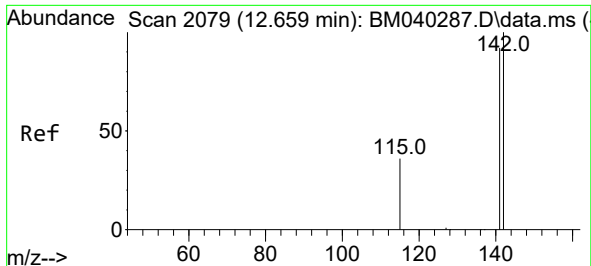


#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.437 min Scan# 2039
Delta R.T. -0.007 min
Lab File: BM040293.D
Acq: 16 Jun 2023 22:42



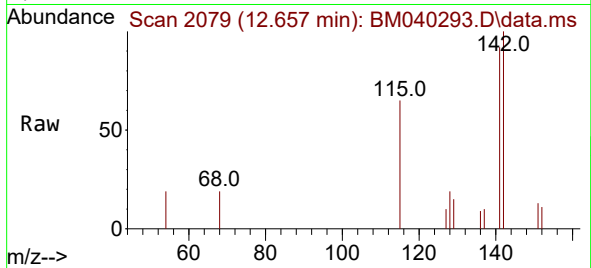
Tgt Ion:142 Resp: 1819
Ion Ratio Lower Upper
142 100
141 85.9 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.657 min Scan# 2079
Delta R.T. -0.007 min
Lab File: BM040293.D
Acq: 16 Jun 2023 22:42

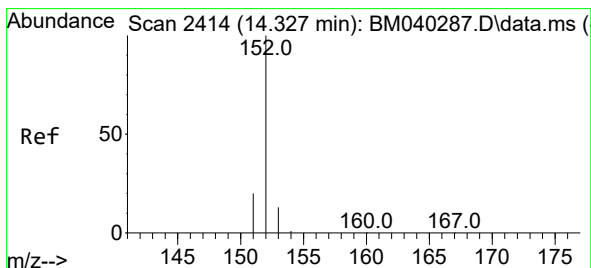
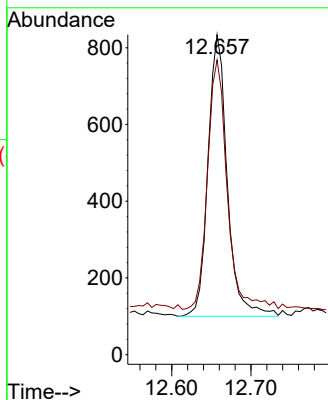
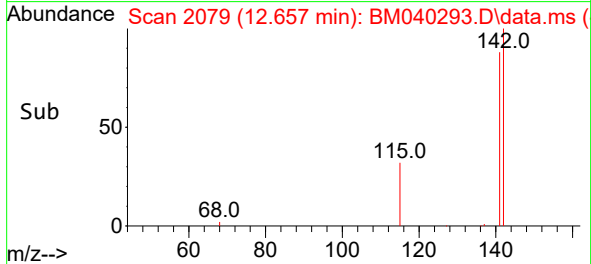
Instrument :
BNA_M
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DCFH5DL



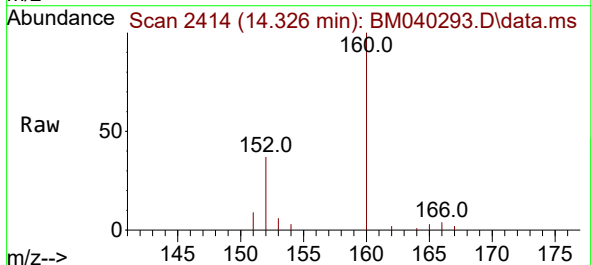
Tgt Ion:142 Resp: 1240
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.4

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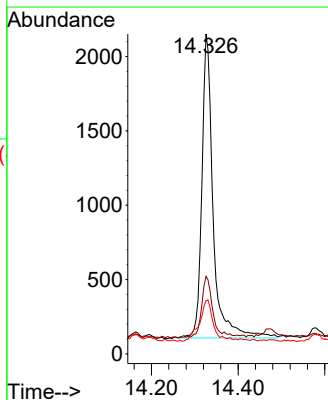
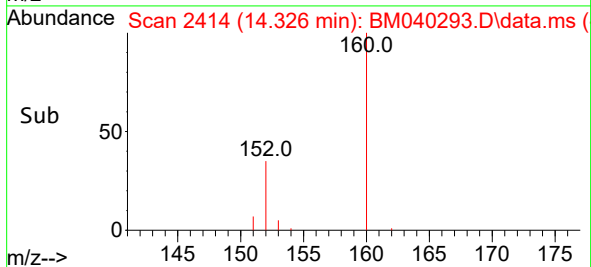
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

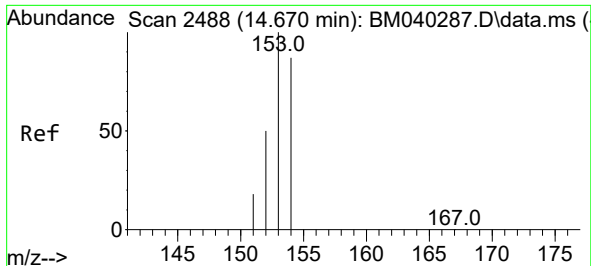


#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.326 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM040293.D
Acq: 16 Jun 2023 22:42



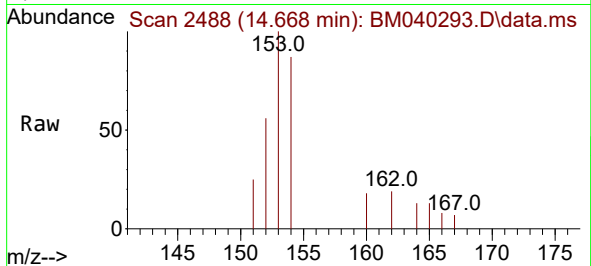
Tgt Ion:152 Resp: 3720
Ion Ratio Lower Upper
152 100
151 24.3 16.3 24.5
153 16.6 10.7 16.1#





#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.668 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BM040293.D
Acq: 16 Jun 2023 22:42

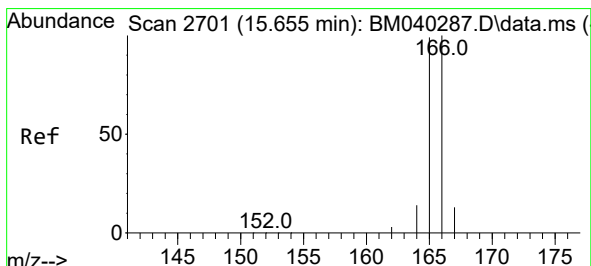
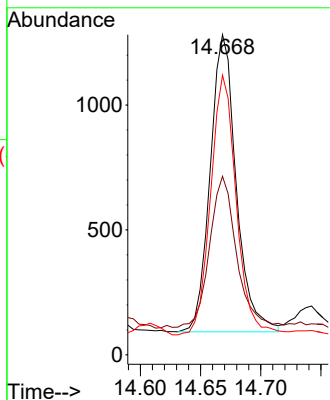
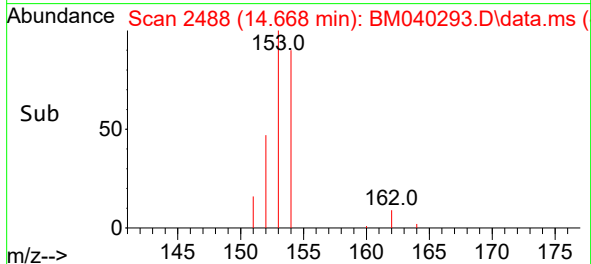
Instrument :
BNA_M
ClientSampleId :
DCFH5DL



Tgt Ion:153 Resp: 179
Ion Ratio Lower Upper
153 100
152 55.8 40.3 60.5
154 87.4 70.5 105.7

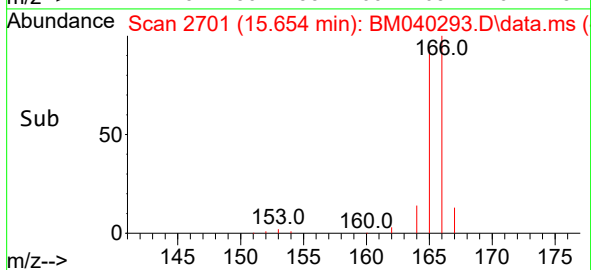
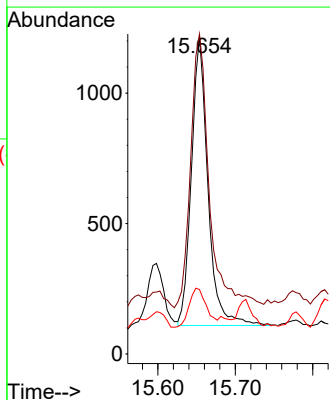
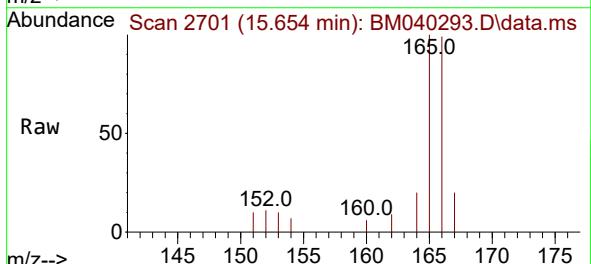
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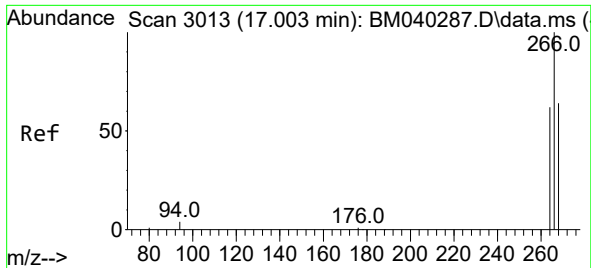
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.654 min Scan# 2701
Delta R.T. -0.006 min
Lab File: BM040293.D
Acq: 16 Jun 2023 22:42

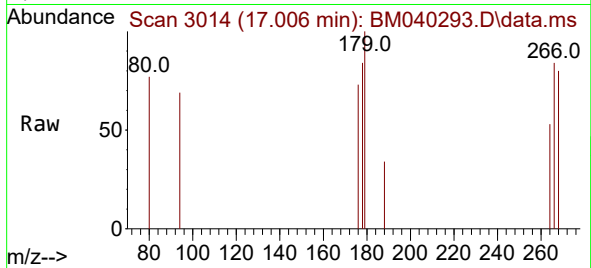
Tgt Ion:166 Resp: 1636
Ion Ratio Lower Upper
166 100
165 100.7 78.2 117.4
167 20.3 11.0 16.4#





#14
Pentachlorophenol
Concen: 0.020 ng/ul
RT: 17.006 min Scan# 3013
Delta R.T. -0.001 min
Lab File: BM040293.D
Acq: 16 Jun 2023 22:42

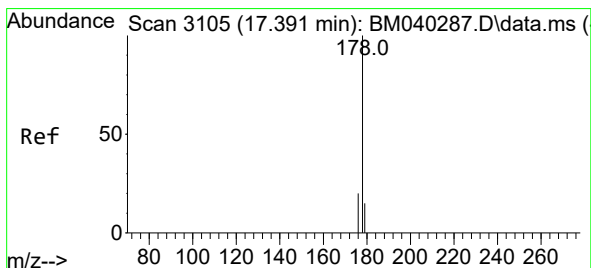
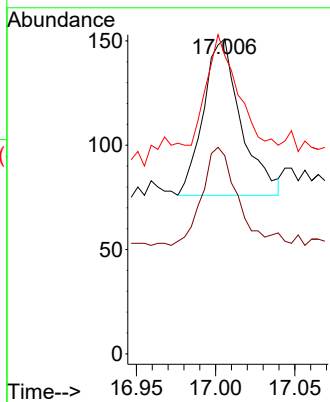
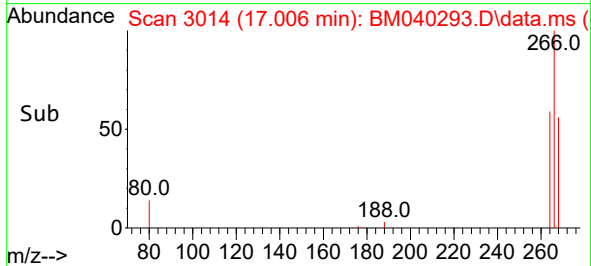
Instrument :
BNA_M
ClientSampleId :
DCFH5DL



Tgt Ion:266 Resp: 124
Ion Ratio Lower Upper
266 100
264 59.7 49.4 74.0
268 79.8 51.3 76.9

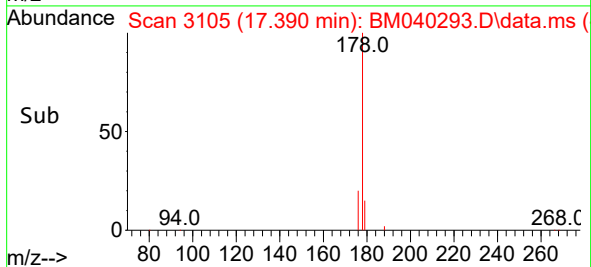
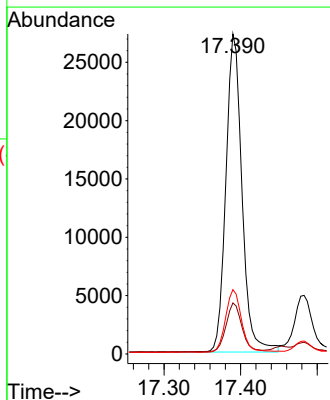
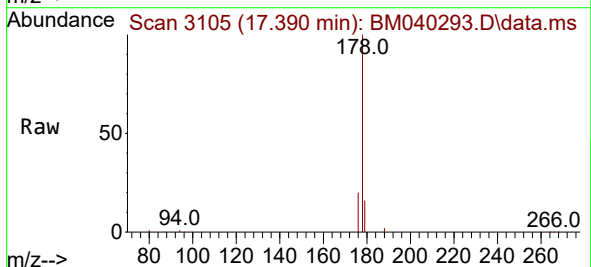
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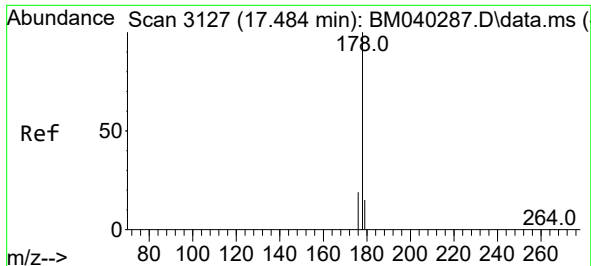
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#15
Phenanthrene
Concen: 0.506 ng/ul
RT: 17.390 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM040293.D
Acq: 16 Jun 2023 22:42

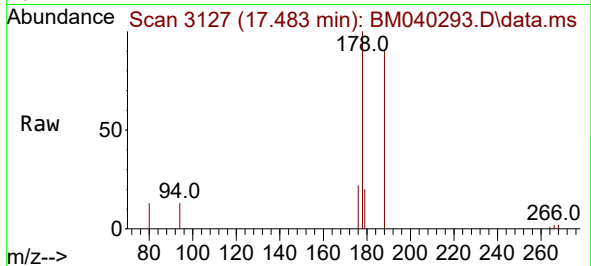
Tgt Ion:178 Resp: 39835
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 20.1 16.1 24.1





#16
 Anthracene
 Concen: 0.127 ng/ul
 RT: 17.483 min Scan# 3127
 Delta R.T. -0.006 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

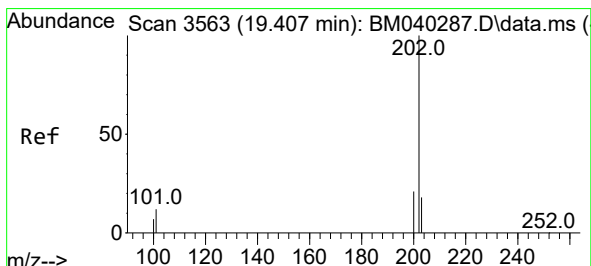
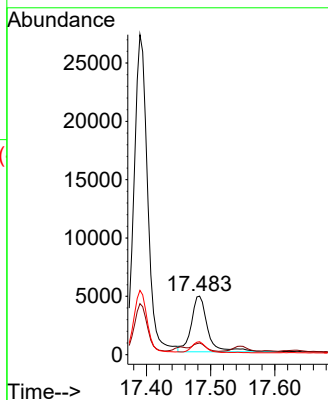
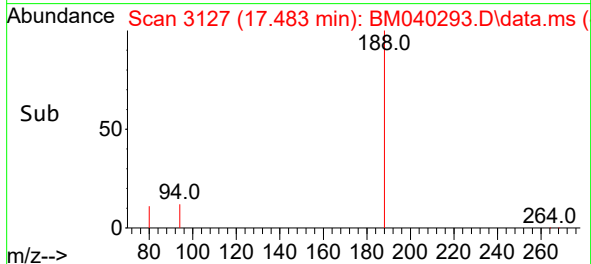
Instrument :
 BNA_M
 ClientSampleId :
 DCFH5DL



Tgt Ion:178 Resp: 8450
 Ion Ratio Lower Upper
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 179 20.0 13.0 19.4
 176 22.1 15.5 23.3

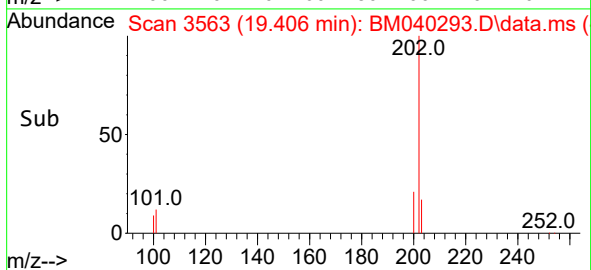
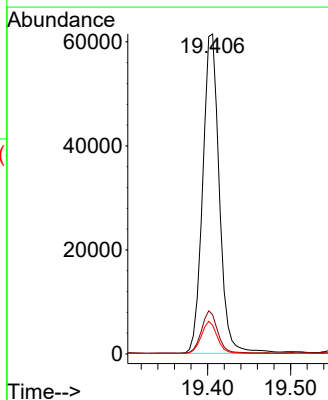
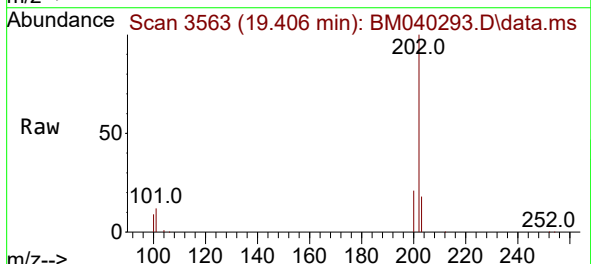
Manual Integrations
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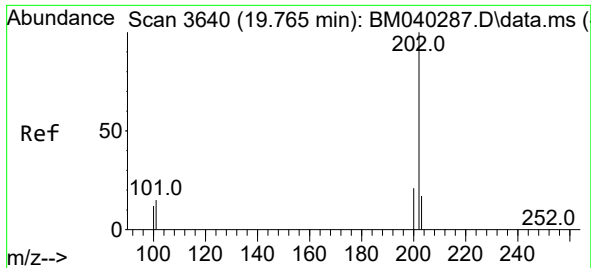
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023



#19
 Fluoranthene
 Concen: 1.388 ng/ul
 RT: 19.406 min Scan# 3563
 Delta R.T. -0.001 min
 Lab File: BM040293.D
 Acq: 16 Jun 2023 22:42

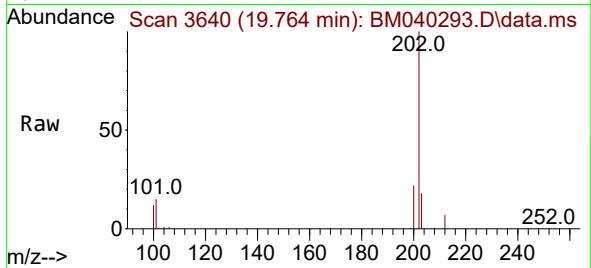
Tgt Ion:202 Resp: 85595
 Ion Ratio Lower Upper
 202 100
 101 12.2 10.2 15.4
 100 9.0 7.6 11.4





#20
Pyrene
Concen: 1.150 ng/ul
RT: 19.764 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM040293.D
Acq: 16 Jun 2023 22:42

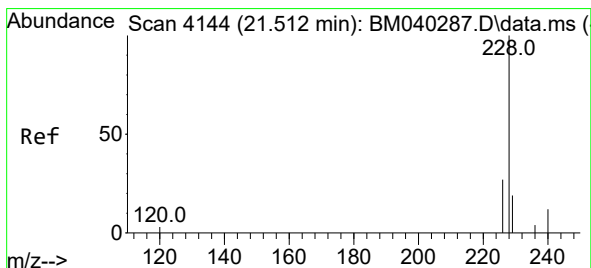
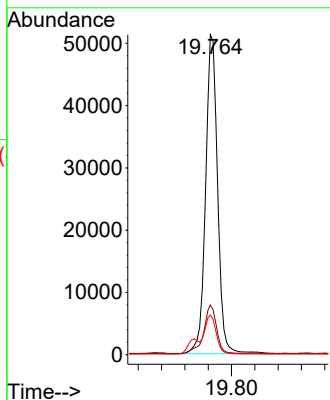
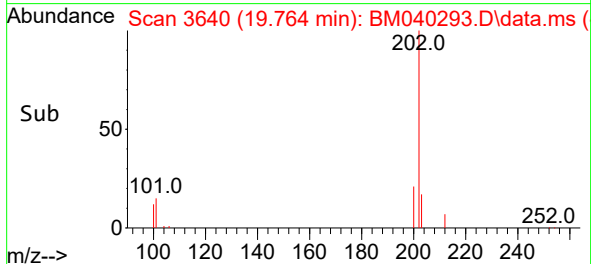
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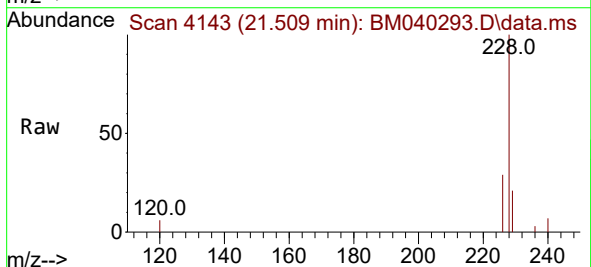
Tgt Ion:202 Resp: 7368
Ion Ratio Lower Upper
202 100
101 15.5 11.8 17.8
100 12.4 9.3 13.9

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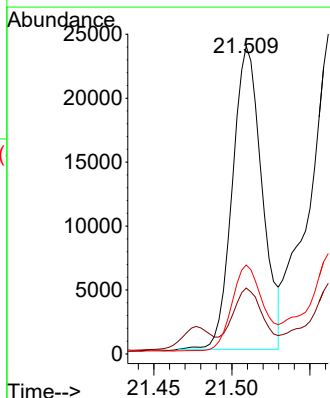
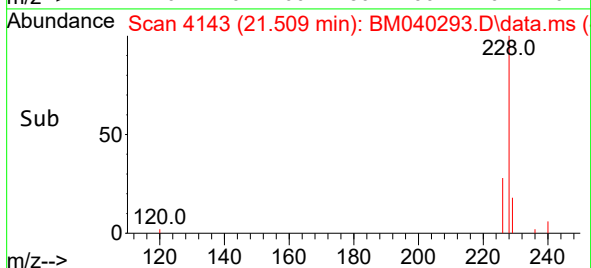
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

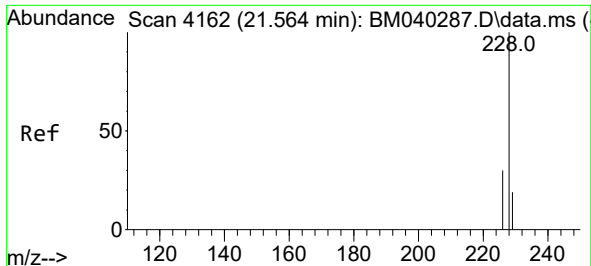


#21
Benzo(a)anthracene
Concen: 0.586 ng/ul
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040293.D
Acq: 16 Jun 2023 22:42



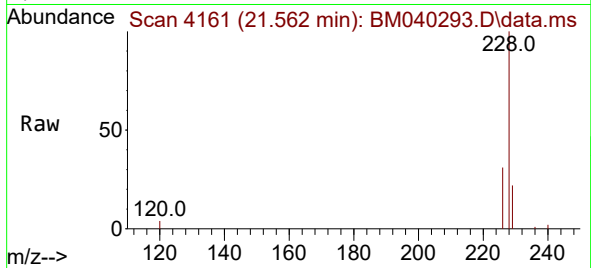
Tgt Ion:228 Resp: 31287
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.8
226 28.9 22.0 33.0





#22
Chrysene
Concen: 0.738 ng/ul
RT: 21.562 min Scan# 4165
Delta R.T. -0.008 min
Lab File: BM040293.D
Acq: 16 Jun 2023 22:42

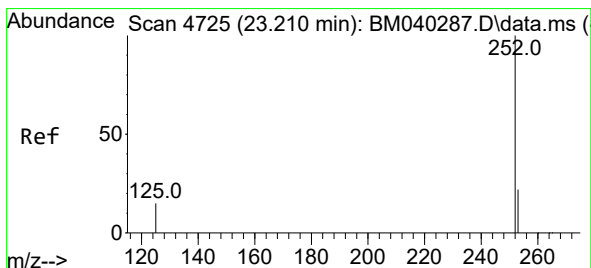
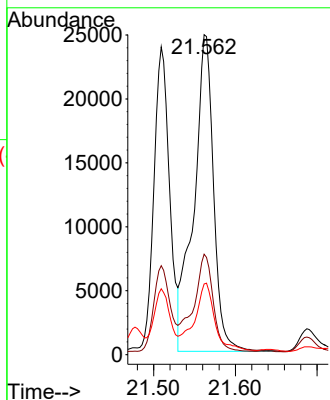
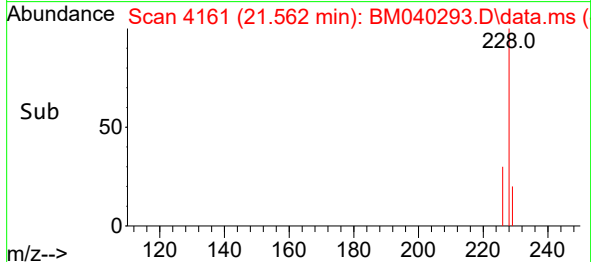
Instrument :
BNA_M
ClientSampleId :
DCFH5DL



Tgt Ion:228 Resp: 4165
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 22.1 15.7 23.5

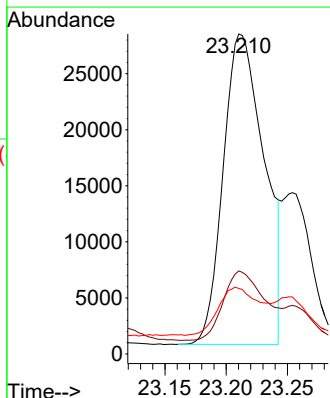
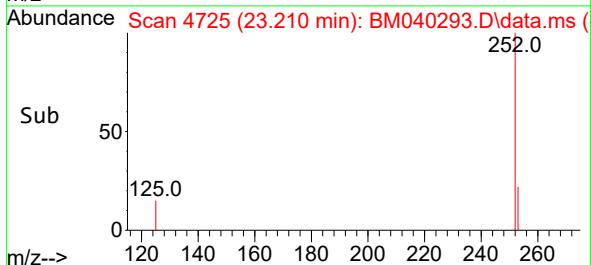
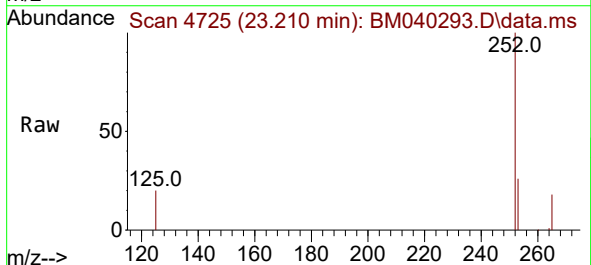
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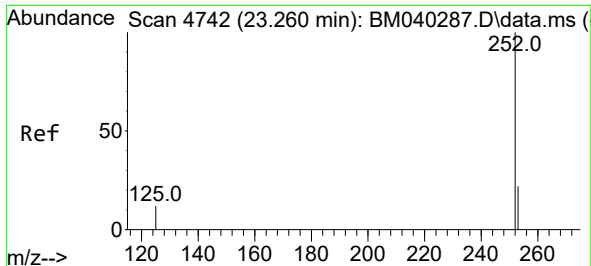
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#24
Benzo(b)fluoranthene
Concen: 0.941 ng/ul
RT: 23.210 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BM040293.D
Acq: 16 Jun 2023 22:42

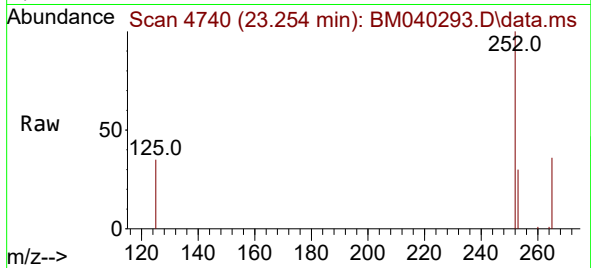
Tgt Ion:252 Resp: 64395
Ion Ratio Lower Upper
252 100
253 26.0 0.0 52.4
125 20.5 0.0 38.4





#25
Benzo(k)fluoranthene
Concen: 0.371 ng/ul m
RT: 23.254 min Scan# 4742
Delta R.T. -0.011 min
Lab File: BM040293.D
Acq: 16 Jun 2023 22:42

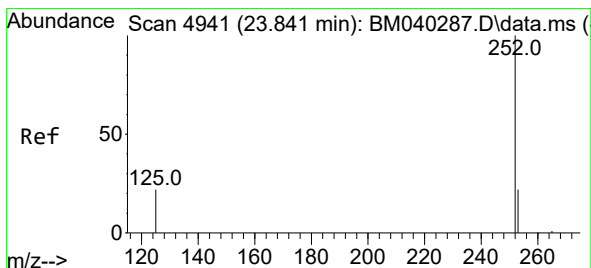
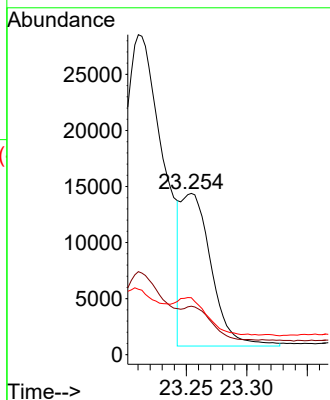
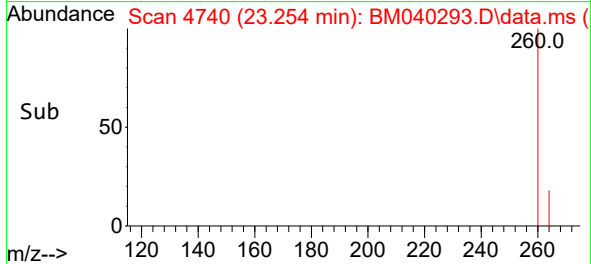
Instrument :
BNA_M
ClientSampleId :
DCFH5DL



Tgt Ion:252 Resp: 23915
Ion Ratio Lower Upper
252 100
253 30.0 21.5 32.3
125 35.3 14.7 22.1

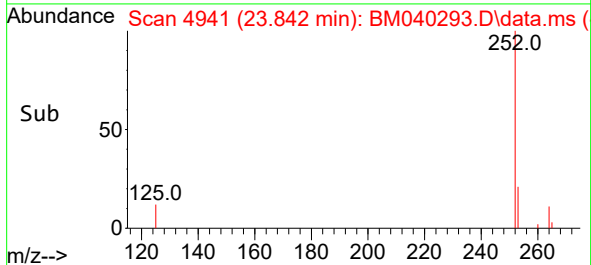
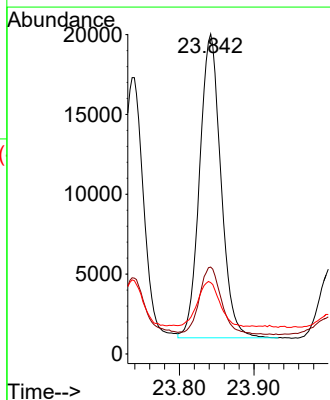
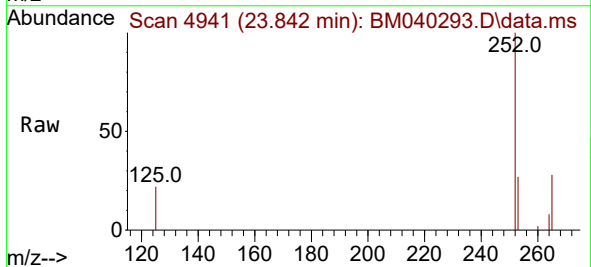
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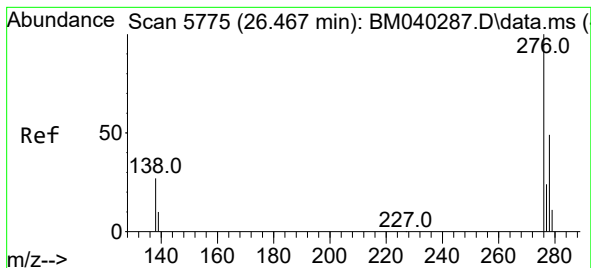
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#26
Benzo(a)pyrene
Concen: 0.671 ng/ul
RT: 23.842 min Scan# 4941
Delta R.T. -0.008 min
Lab File: BM040293.D
Acq: 16 Jun 2023 22:42

Tgt Ion:252 Resp: 37651
Ion Ratio Lower Upper
252 100
253 27.2 23.4 35.0
125 22.3 19.7 29.5





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.461 ng/ul

RT: 26.461 min Scan# 5775

Delta R.T. -0.017 min

Lab File: BM040293.D

Acq: 16 Jun 2023 22:42

Instrument :

BNA_M

ClientSampleId :

DCFH5DL

Tgt Ion:276 Resp: 3272

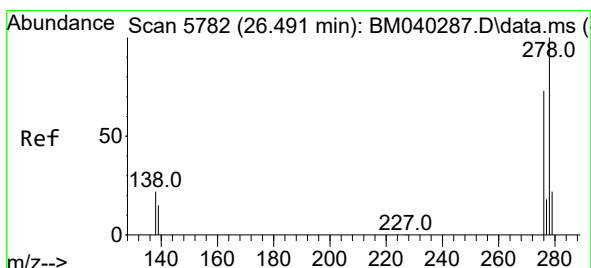
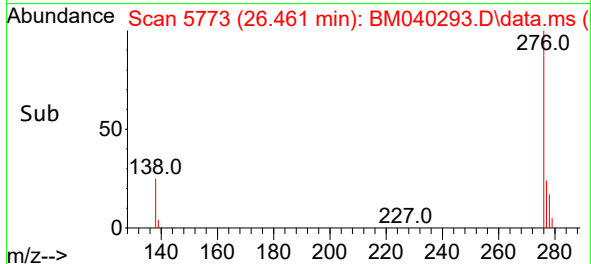
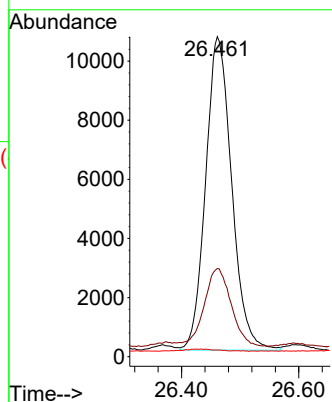
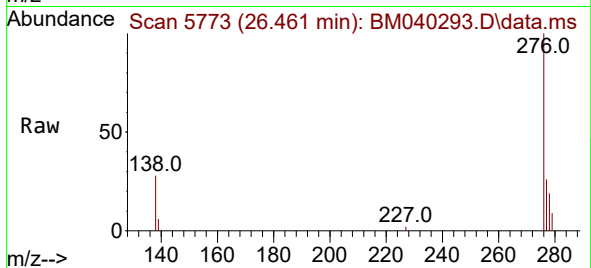
Ion	Ratio	Lower	Upper
276	100		
138	25.8	23.3	34.9
227	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.134 ng/ul

RT: 26.478 min Scan# 5778

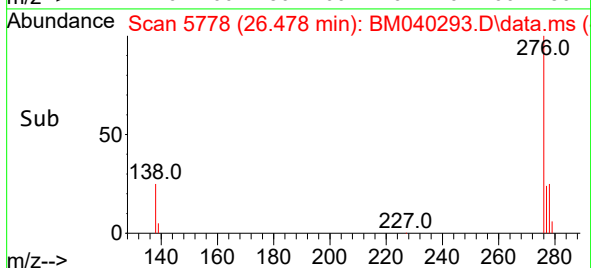
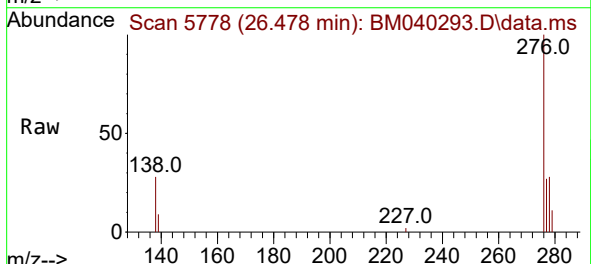
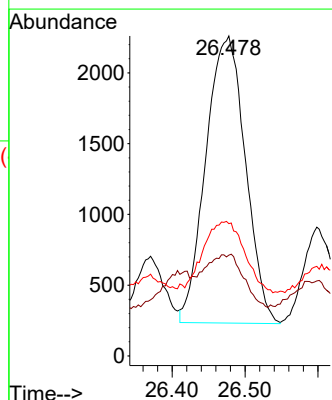
Delta R.T. -0.020 min

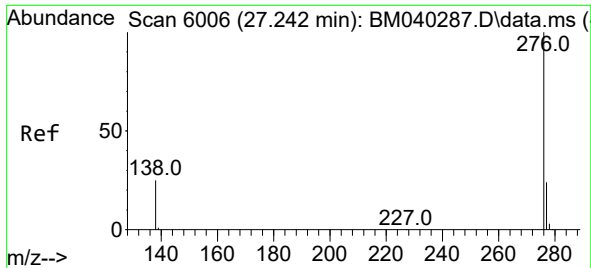
Lab File: BM040293.D

Acq: 16 Jun 2023 22:42

Tgt Ion:278 Resp: 7634

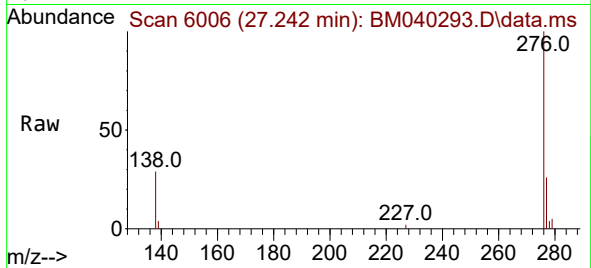
Ion	Ratio	Lower	Upper
278	100		
139	31.5	16.4	24.6#
279	41.4	21.8	32.8#





#29
Benzo(g,h,i)perylene
Concen: 0.514 ng/ul
RT: 27.242 min Scan# 6006
Delta R.T. -0.013 min
Lab File: BM040293.D
Acq: 16 Jun 2023 22:42

Instrument :
BNA_M
ClientSampleId :
DCFH5DL



Tgt Ion:276 Resp: 3053
Ion Ratio Lower Upper
276 100
138 28.7 21.0 31.4
277 25.7 19.6 29.4

Manual Integrations
APPROVED

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

