

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039793.D
 Acq On : 02 May 2023 00:39
 Operator : CG/JU
 Sample : 02418-27DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW901DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 03:00:40 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 29 04:28:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	4067	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.595	136	15513	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	9138	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	18982	0.400	ng/ul	0.00
17) Chrysene-d12	21.402	240	9858	0.400	ng/ul	# 0.00
23) Perylene-d12	23.755	264	10142	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2458	0.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	917	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	1787	0.067	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.645	128	19305	0.496	ng/ul	99
7) 2-Methylnaphthalene	12.272	142	7063	0.314	ng/ul	97
8) 1-Methylnaphthalene	12.487	142	6650	0.276	ng/ul	99
10) Acenaphthylene	14.173	152	18446	0.522	ng/ul	98
11) Acenaphthene	14.511	153	20206	0.727	ng/ul	99
12) Fluorene	15.505	166	40695	1.320	ng/ul	98
15) Phenanthrene	17.246	178	565617	11.310	ng/ul	98
16) Anthracene	17.339	178	101295	2.359	ng/ul	98
19) Fluoranthene	19.271	202	714047	20.303	ng/ul	97
20) Pyrene	19.634	202	513267	13.514	ng/ul	99
21) Benzo(a)anthracene	21.385	228	231899	8.182	ng/ul	99
22) Chrysene	21.437	228	211360	6.589	ng/ul	98
24) Benzo(b)fluoranthene	23.042	252	238004m	6.682	ng/ul	
25) Benzo(k)fluoranthene	23.083	252	82978m	2.288	ng/ul	
26) Benzo(a)pyrene	23.650	252	152053	4.755	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.187	276	107757	2.665	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.194	278	28061	0.894	ng/ul#	90
29) Benzo(g,h,i)perylene	26.942	276	83122	2.359	ng/ul	99

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

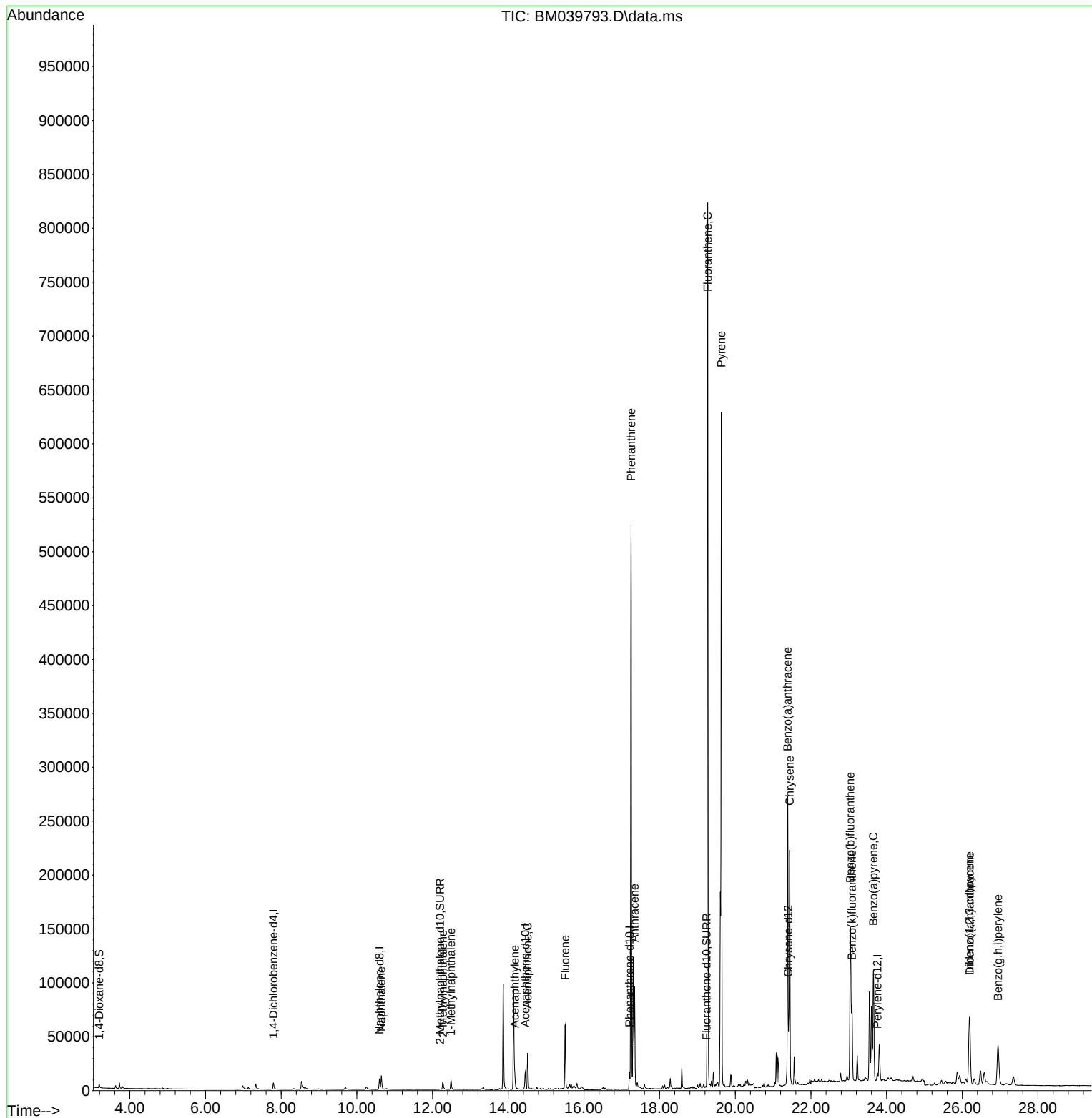
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039793.D
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ALS Vial : 24 Sample Multiplier: 1

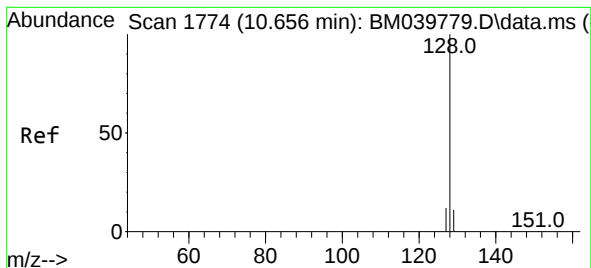
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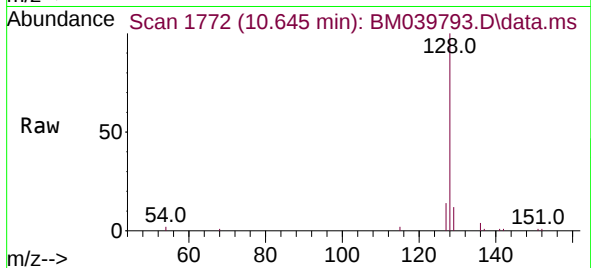
Quant Time: May 02 03:00:40 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.496 ng/ul
RT: 10.645 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39

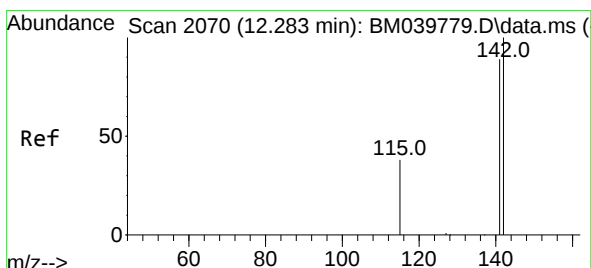
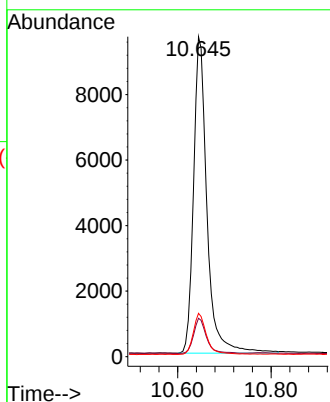
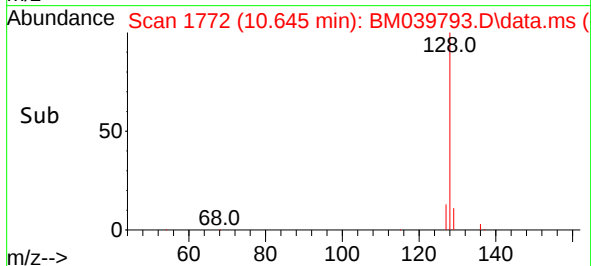
Instrument :
BNA_M
ClientSampleId :
EW901DL



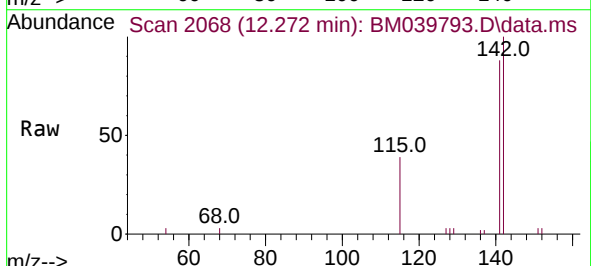
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Ion Ratio Lower Upper
128 100
129 12.0 9.8 14.6
127 13.6 11.1 16.7

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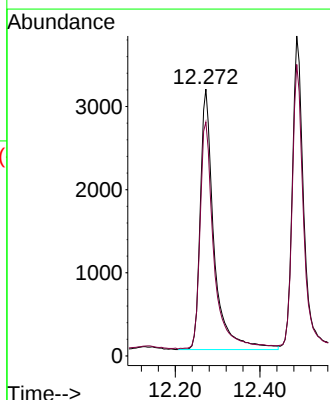
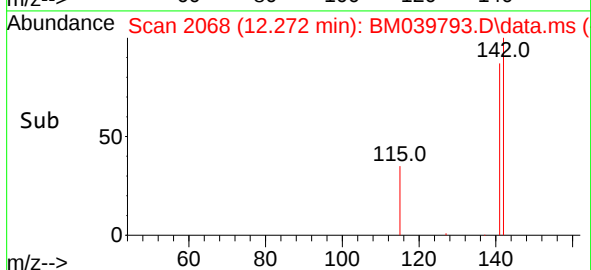
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

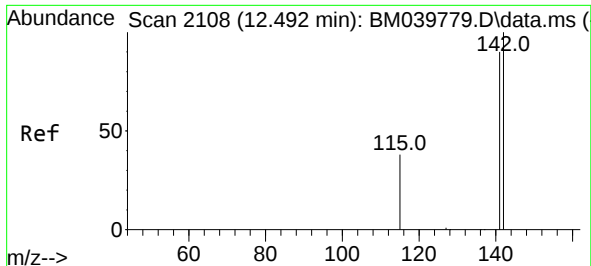


#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. -0.005 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39



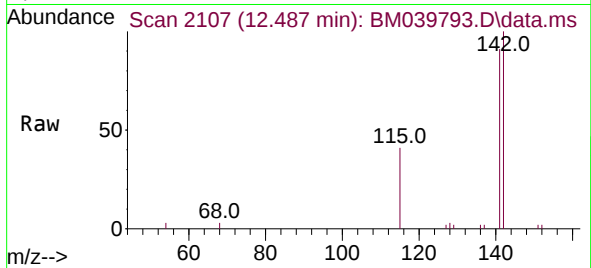
Tgt Ion:142 Resp: 7063
Ion Ratio Lower Upper
142 100
141 88.3 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.487 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39

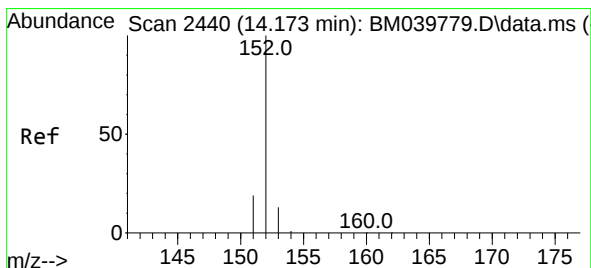
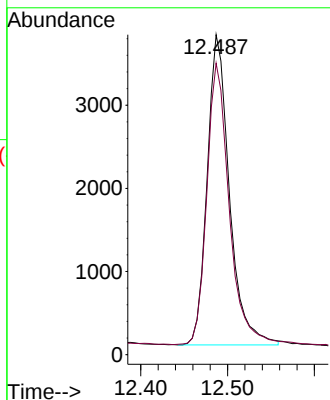
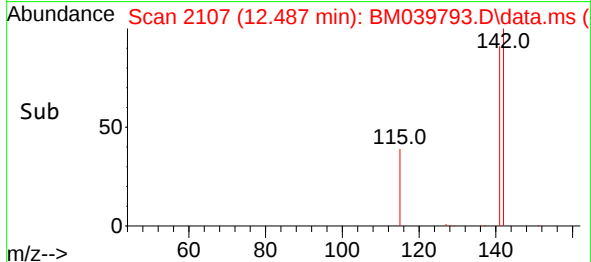
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Tgt Ion:142 Resp: 6650
Ion Ratio Lower Upper
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141 90.9 73.4 110.2

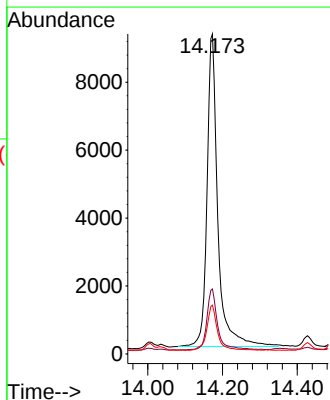
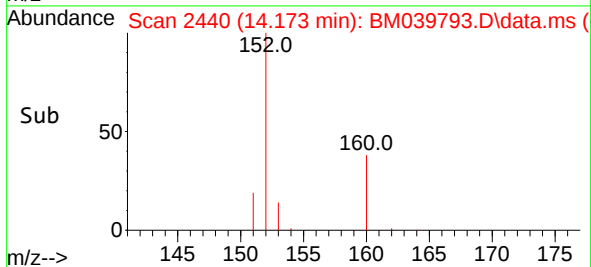
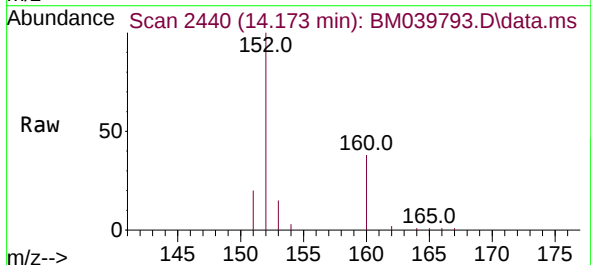
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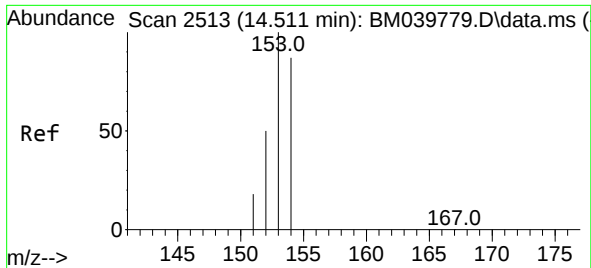
Reviewed By :Christian Giraldo 05/02/2023
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#10
Acenaphthylene
Concen: 0.522 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39

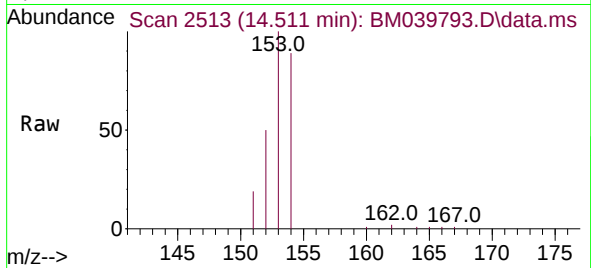
Tgt Ion:152 Resp: 18446
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 15.3 11.2 16.8





#11
Acenaphthene
Concen: 0.727 ng/ul
RT: 14.511 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39

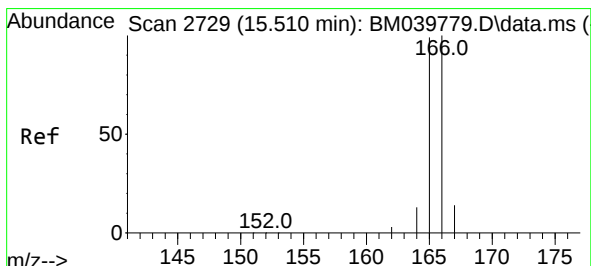
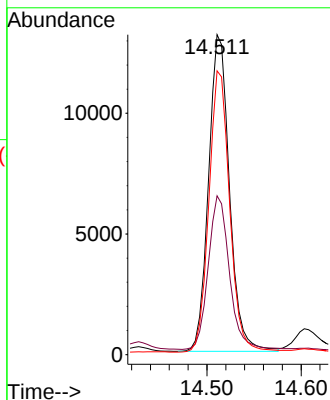
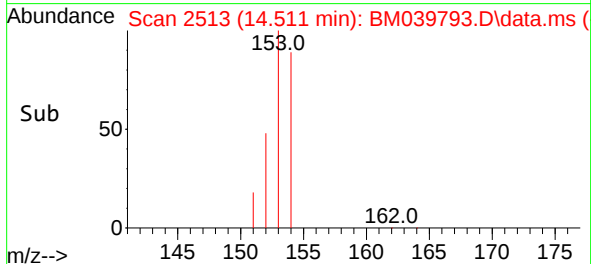
Instrument :
BNA_M
ClientSampleId :
EW901DL



Tgt Ion:153 Resp: 20200
Ion Ratio Lower Upper
153 100
152 49.7 40.6 61.0
154 88.7 71.9 107.9

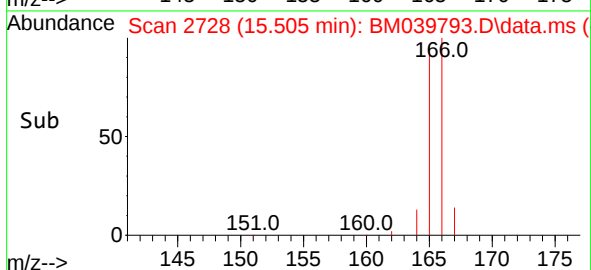
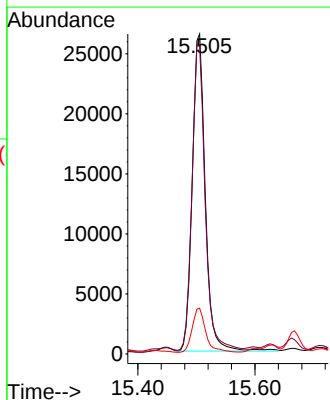
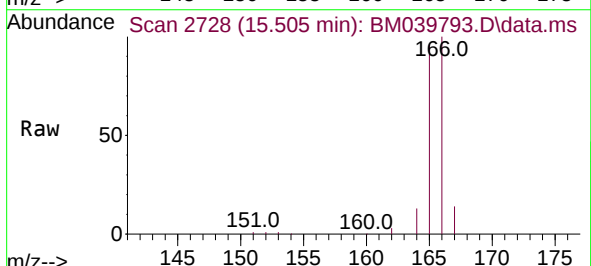
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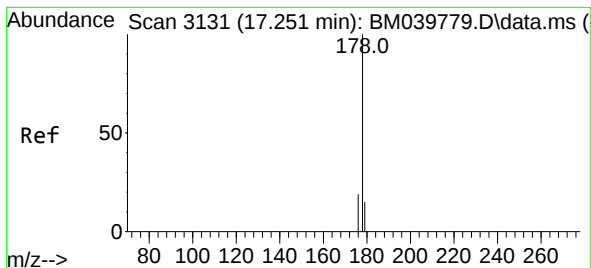
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#12
Fluorene
Concen: 1.320 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.004 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39

Tgt Ion:166 Resp: 40695
Ion Ratio Lower Upper
166 100
165 96.1 79.0 118.6
167 14.3 11.8 17.6





#15

Phenanthrene

Concen: 11.310 ng/ul

RT: 17.246 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BM039793.D

Acq: 02 May 2023 00:39

Instrument :

BNA_M

ClientSampleId :

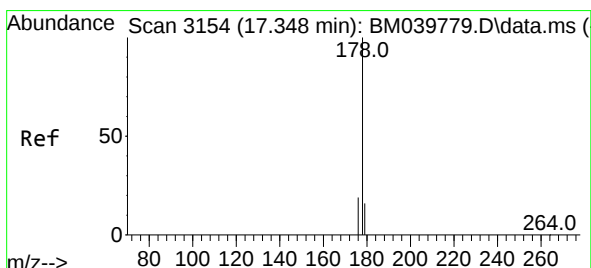
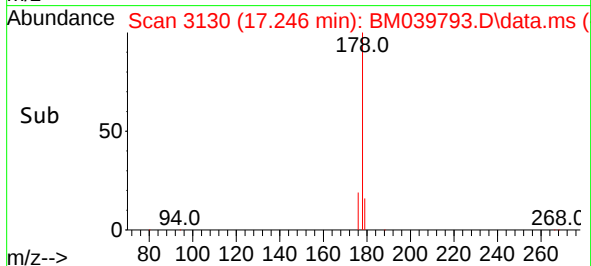
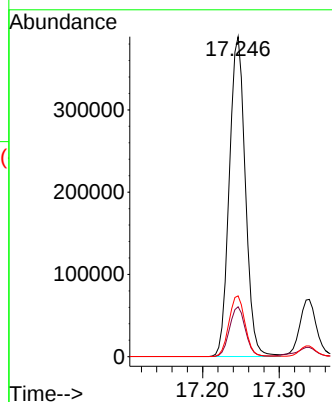
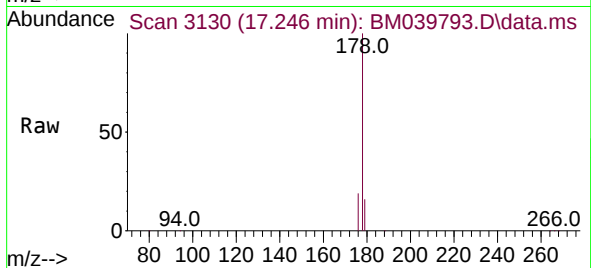
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Tgt Ion:178	Resp: 56561
Ion Ratio	Lower Upper
178 100	
179 15.6	13.0 19.6
176 19.0	15.8 23.8

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Supervised By :Jagrut Upadhyay 05/02/2023



#16

Anthracene

Concen: 2.359 ng/ul

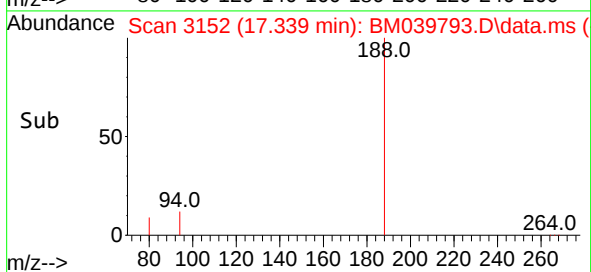
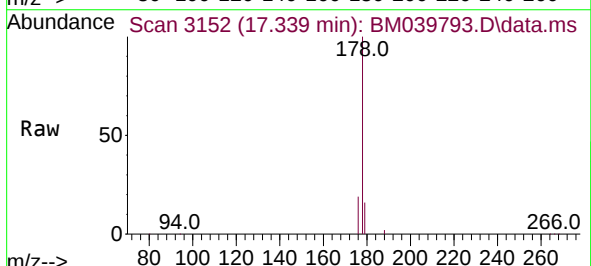
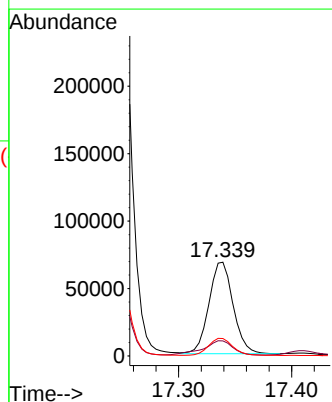
RT: 17.339 min Scan# 3152

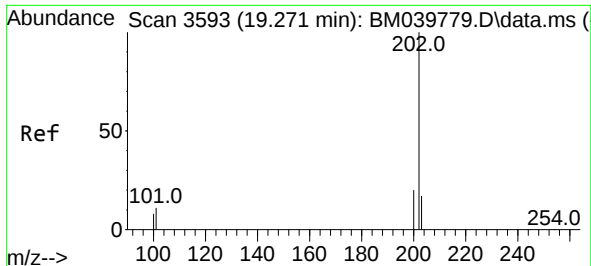
Delta R.T. -0.004 min

Lab File: BM039793.D

Acq: 02 May 2023 00:39

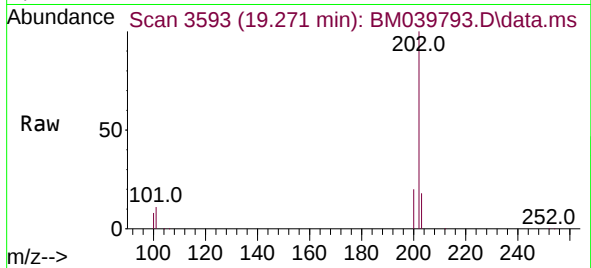
Tgt Ion:178	Resp: 101295
Ion Ratio	Lower Upper
178 100	
179 16.1	13.8 20.6
176 18.7	15.8 23.8





#19
Fluoranthene
Concen: 20.303 ng/u1
RT: 19.271 min Scan# 3593
Delta R.T. 0.005 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39

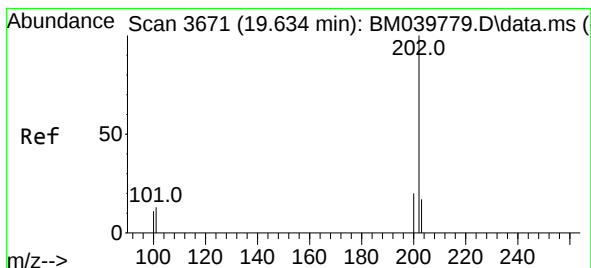
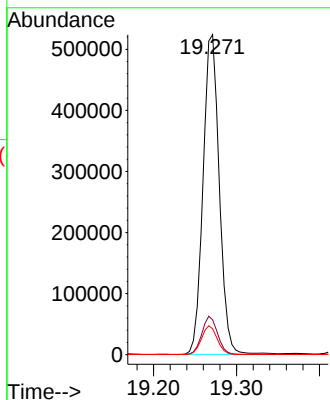
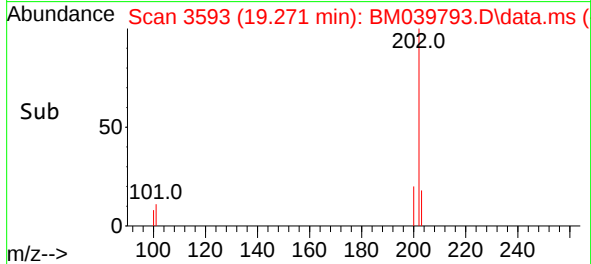
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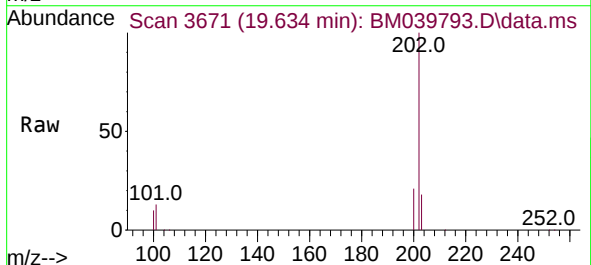
Tgt Ion:202 Resp: 71404
Ion Ratio Lower Upper
202 100
101 10.9 9.8 14.8
100 8.1 7.3 10.9

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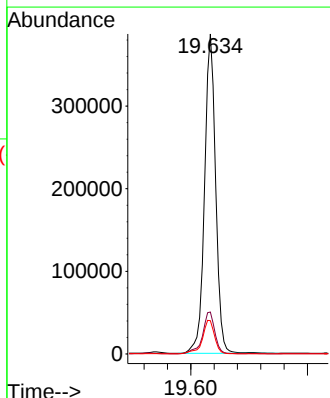
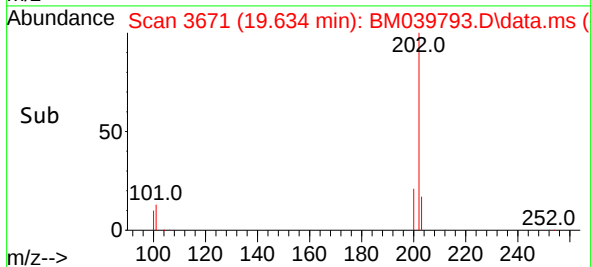
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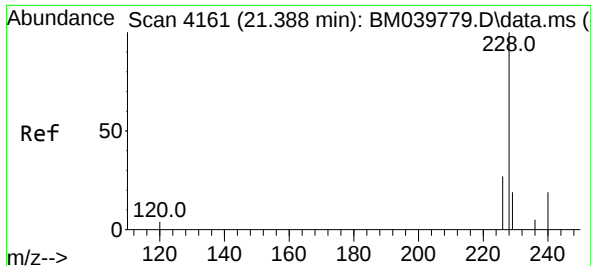


#20
Pyrene
Concen: 13.514 ng/u1
RT: 19.634 min Scan# 3671
Delta R.T. 0.000 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39



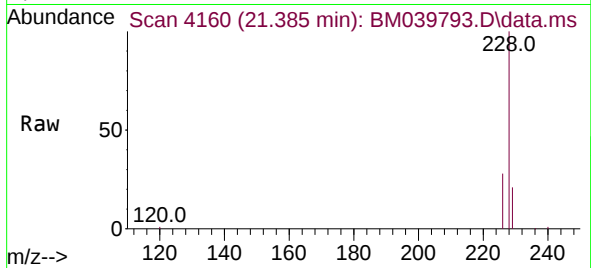
Tgt Ion:202 Resp: 513267
Ion Ratio Lower Upper
202 100
101 13.1 10.9 16.3
100 10.4 8.9 13.3





#21
Benzo(a)anthracene
Concen: 8.182 ng/u1
RT: 21.385 min Scan# 4161
Delta R.T. 0.001 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39

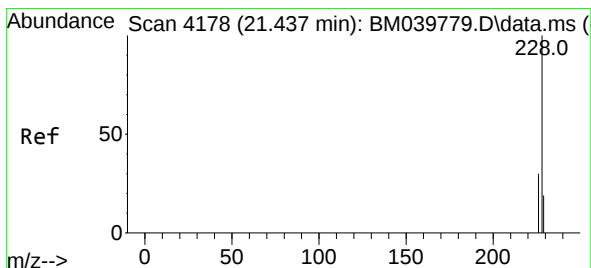
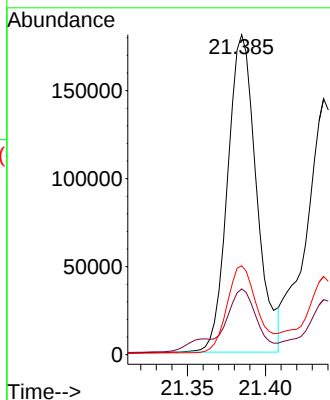
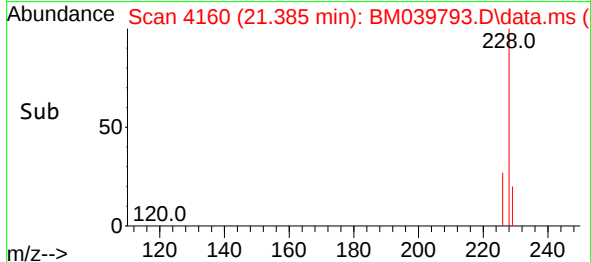
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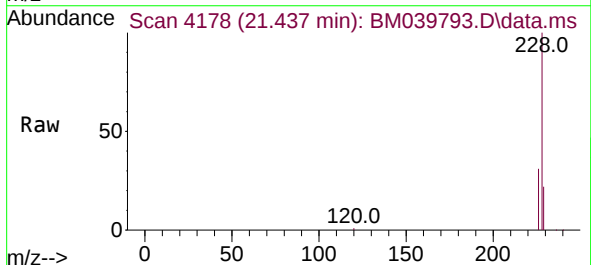
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Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 27.8 21.6 32.4

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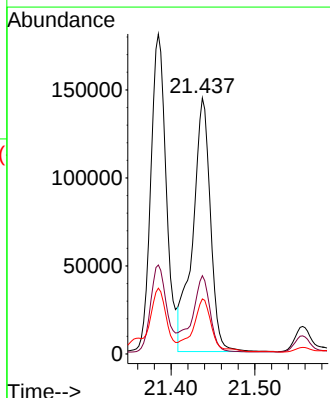
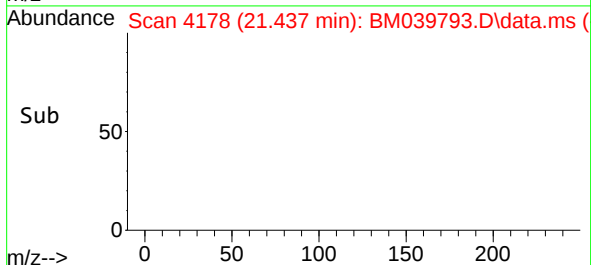
Reviewed By :Christian Giraldo 05/02/2023
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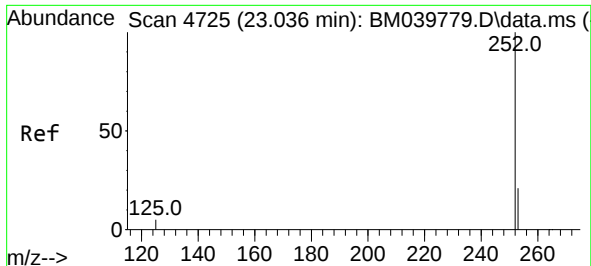


#22
Chrysene
Concen: 6.589 ng/u1
RT: 21.437 min Scan# 4178
Delta R.T. 0.001 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39



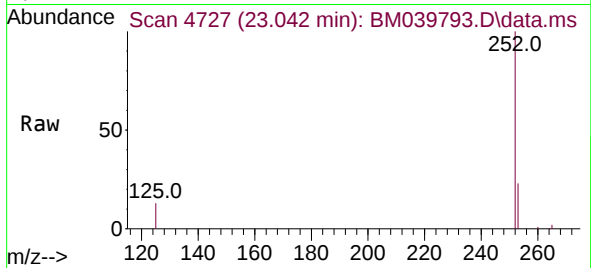
Tgt Ion:228 Resp: 211360
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 21.5 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 6.682 ng/ul m
RT: 23.042 min Scan# 4725
Delta R.T. 0.010 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39

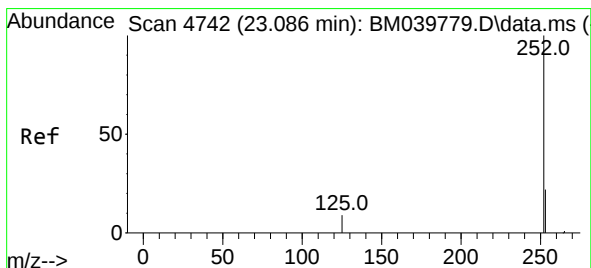
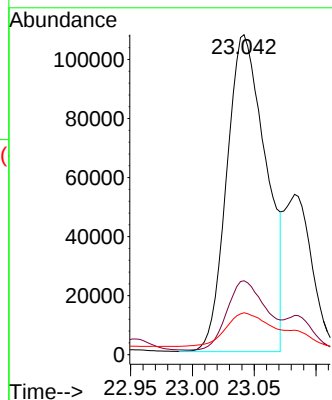
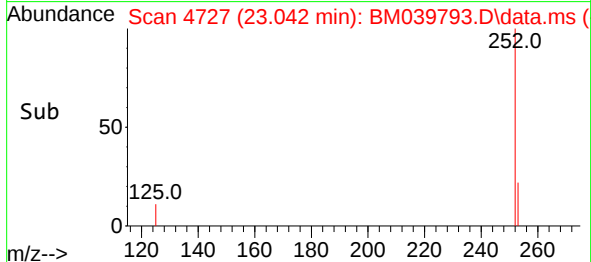
Instrument :
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ClientSampleId :
EW901DL



Tgt Ion:252 Resp: 238004
Ion Ratio Lower Upper
252 100
253 23.1 0.0 52.8
125 13.1 0.0 31.6

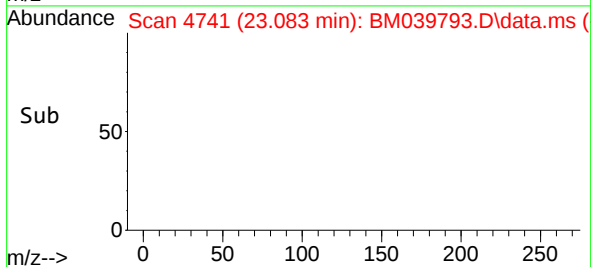
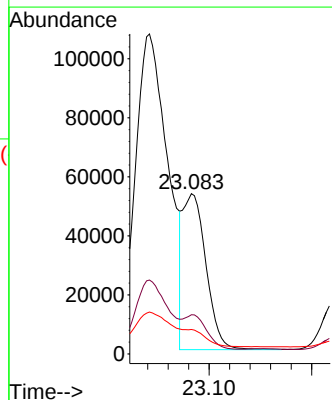
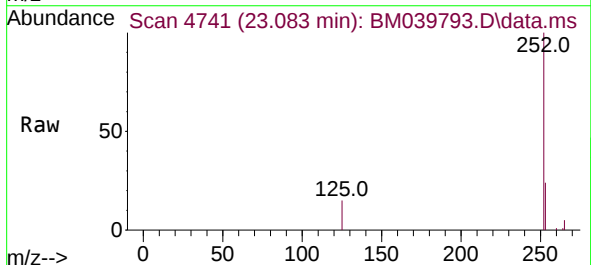
Manual Integrations
APPROVED

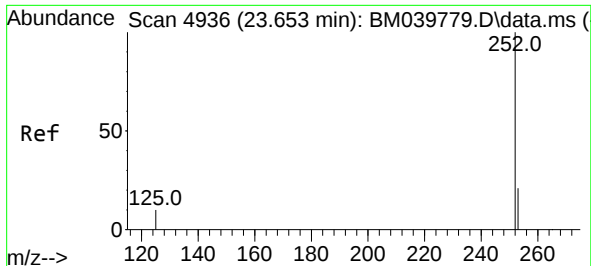
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#25
Benzo(k)fluoranthene
Concen: 2.288 ng/ul m
RT: 23.083 min Scan# 4741
Delta R.T. 0.004 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39

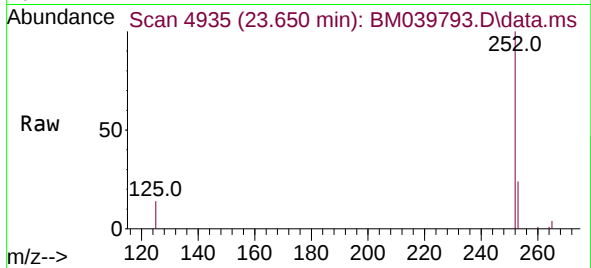
Tgt Ion:252 Resp: 82978
Ion Ratio Lower Upper
252 100
253 24.5 21.3 31.9
125 15.3 13.0 19.6





#26
Benzo(a)pyrene
Concen: 4.755 ng/ul
RT: 23.650 min Scan# 4936
Delta R.T. 0.007 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39

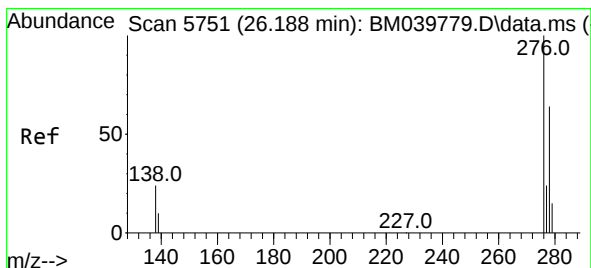
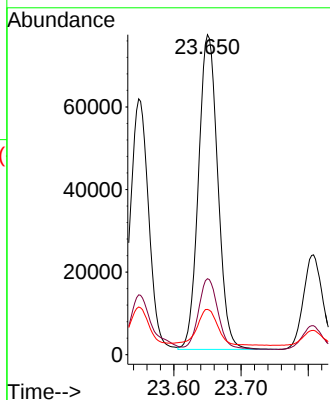
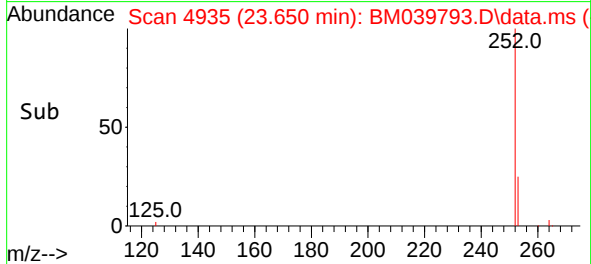
Instrument :
BNA_M
ClientSampleId :
EW901DL



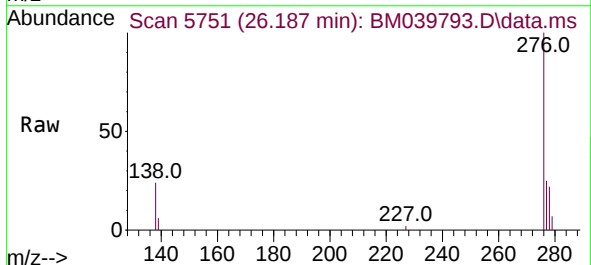
Tgt Ion:252 Resp: 15205
Ion Ratio Lower Upper
252 100
253 23.7 24.7 37.1
125 14.2 16.5 24.7

Manual Integrations
APPROVED

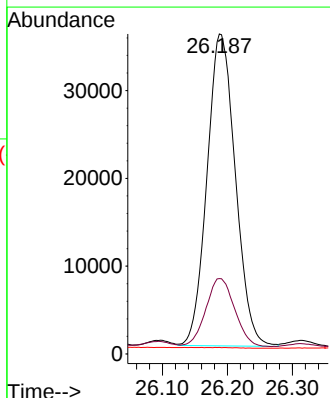
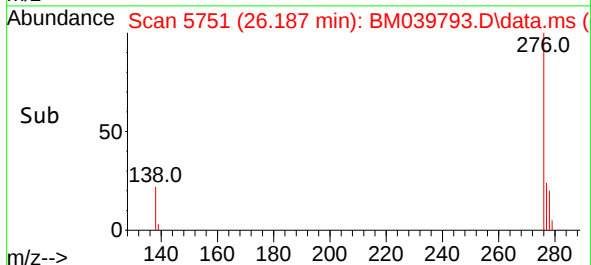
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

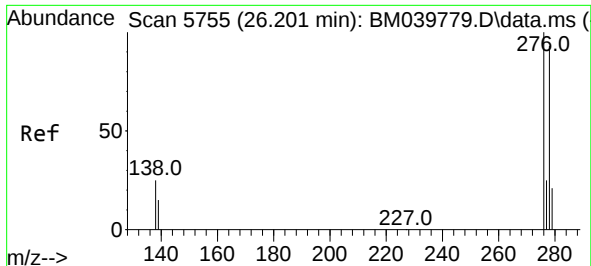


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.665 ng/ul
RT: 26.187 min Scan# 5751
Delta R.T. 0.008 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39



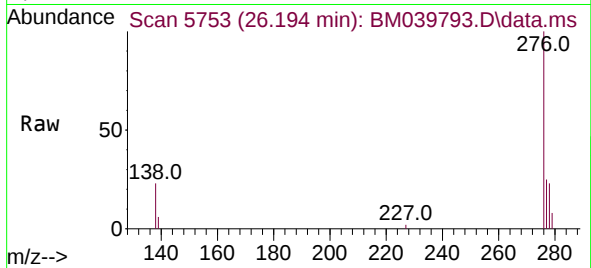
Tgt Ion:276 Resp: 107757
Ion Ratio Lower Upper
276 100
138 22.2 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.894 ng/ul
RT: 26.194 min Scan# 51
Delta R.T. 0.005 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39

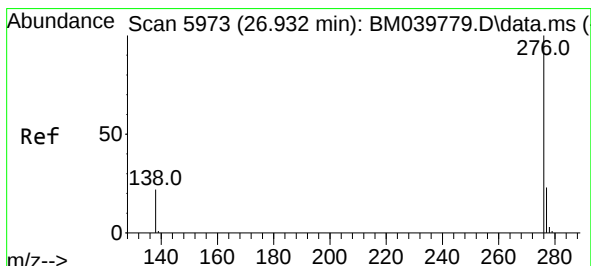
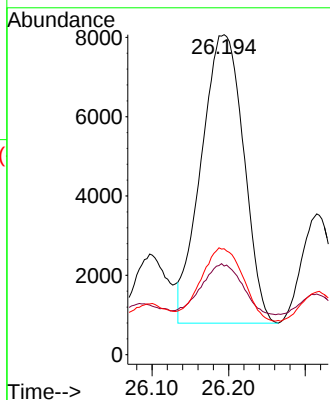
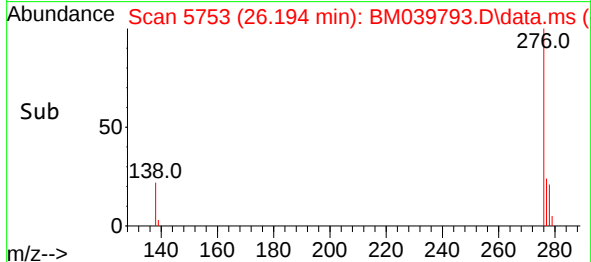
Instrument :
BNA_M
ClientSampleId :
EW901DL



Tgt Ion:278 Resp: 2806
Ion Ratio Lower Upper
278 100
139 27.7 17.0 25.6
279 33.1 23.4 35.2

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Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#29
Benzo(g,h,i)perylene
Concen: 2.359 ng/ul
RT: 26.942 min Scan# 5976
Delta R.T. 0.022 min
Lab File: BM039793.D
Acq: 02 May 2023 00:39

Tgt Ion:276 Resp: 83122
Ion Ratio Lower Upper
276 100
138 24.9 20.1 30.1
277 25.7 20.1 30.1

