

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039810.D
 Acq On : 02 May 2023 19:55
 Operator : CG/JU
 Sample : 02419-21DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW918DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 03 04:17:22 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 : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	3137	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.599	136	10065	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.449	164	5301	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.207	188	10869	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	7156	0.400	ng/ul	# 0.00
23) Perylene-d12	23.767	264	9359	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2892	0.626	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	643	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	1308	0.068	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.649	128	11689	0.462	ng/ul	99
7) 2-Methylnaphthalene	12.271	142	5283	0.362	ng/ul	95
8) 1-Methylnaphthalene	12.485	142	5131	0.328	ng/ul	99
10) Acenaphthylene	14.172	152	40744	1.986	ng/ul	100
11) Acenaphthene	14.514	153	25684	1.594	ng/ul	99
12) Fluorene	15.504	166	29001	1.622	ng/ul	98
15) Phenanthrene	17.245	178	561862	19.622	ng/ul	98
16) Anthracene	17.338	178	128177	5.213	ng/ul	98
19) Fluoranthene	19.275	202	1134095	44.422	ng/ul	97
20) Pyrene	19.637	202	944339	34.253	ng/ul	100
21) Benzo(a)anthracene	21.391	228	507280	24.656	ng/ul	99
22) Chrysene	21.444	228	469170	20.150	ng/ul	98
24) Benzo(b)fluoranthene	23.054	252	704078	21.421	ng/ul	93
25) Benzo(k)fluoranthene	23.092	252	201791m	6.030	ng/ul	
26) Benzo(a)pyrene	23.665	252	469340	15.904	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.211	276	349778	9.374	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.211	278	91126	3.146	ng/ul	95
29) Benzo(g,h,i)perylene	26.969	276	288040	8.859	ng/ul	98

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

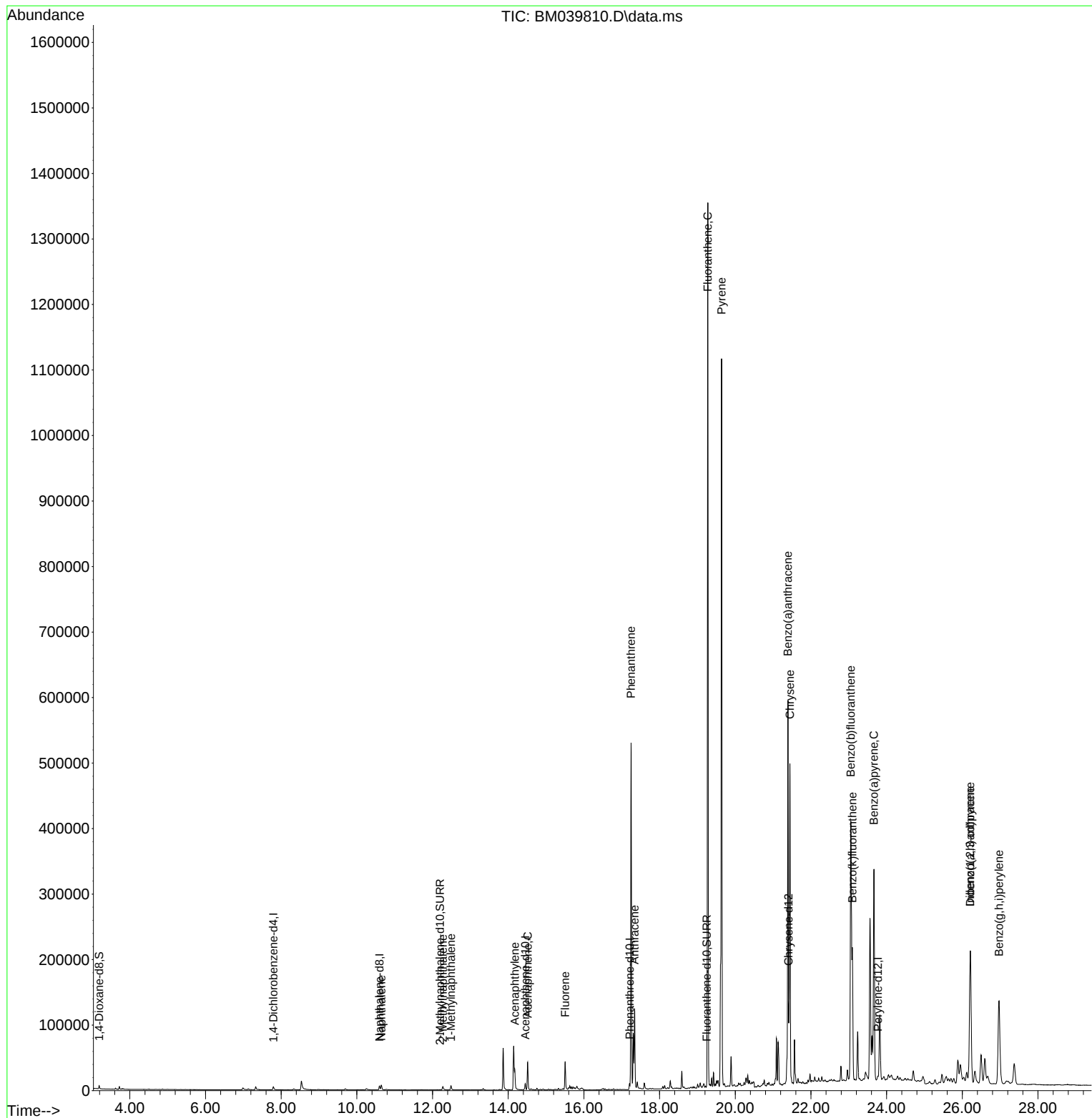
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039810.D
Acq On : 02 May 2023 19:55
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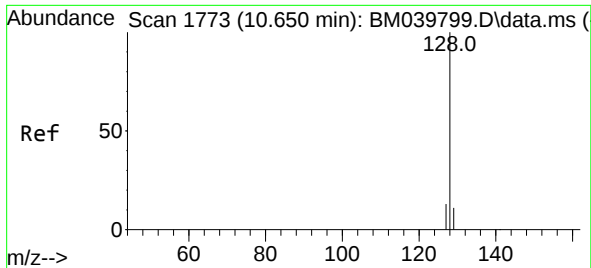
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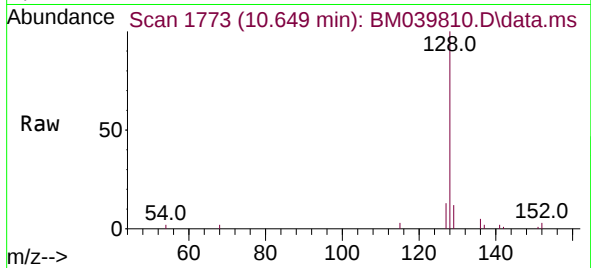
Quant Time: May 03 04:17:22 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.462 ng/ul
RT: 10.649 min Scan# 11689
Delta R.T. -0.001 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

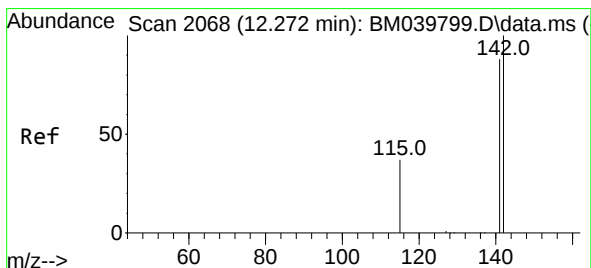
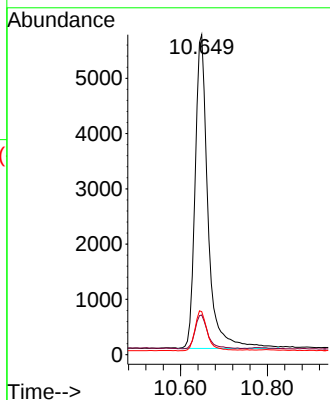
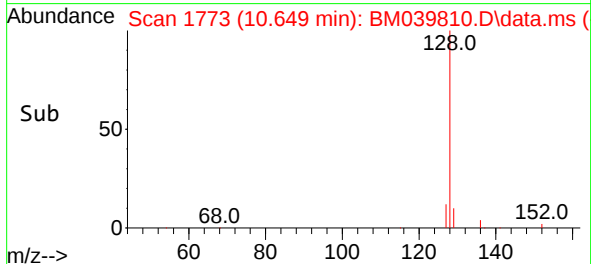
Instrument :
BNA_M
ClientSampleId :
EW918DL



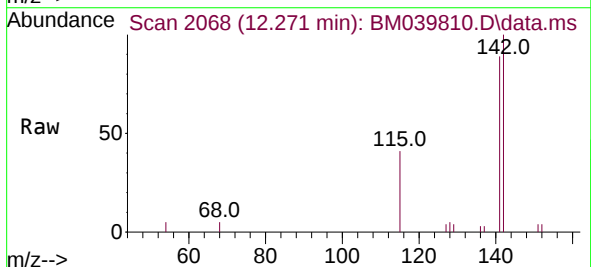
Tgt Ion:128 Resp: 11689
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 13.5 11.1 16.7

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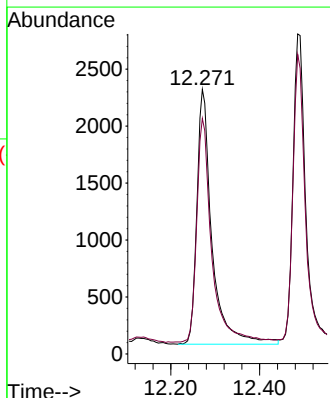
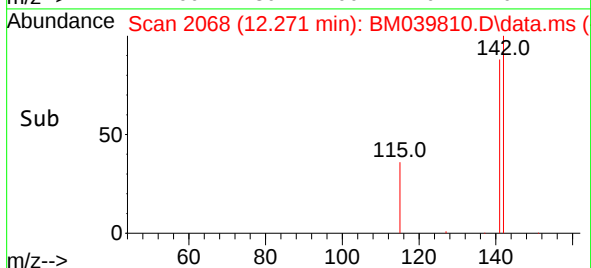
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

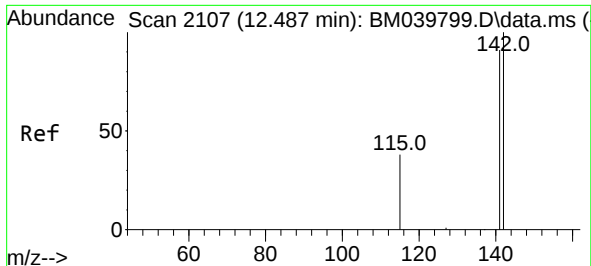


#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.271 min Scan# 2068
Delta R.T. -0.001 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55



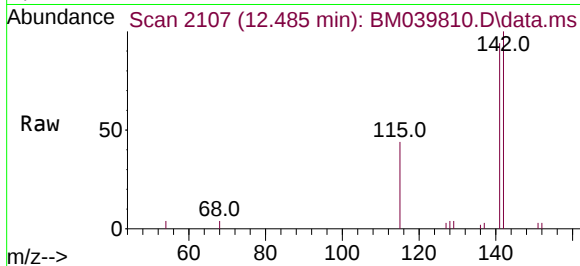
Tgt Ion:142 Resp: 5283
Ion Ratio Lower Upper
142 100
141 86.6 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.485 min Scan# 2107
Delta R.T. -0.001 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

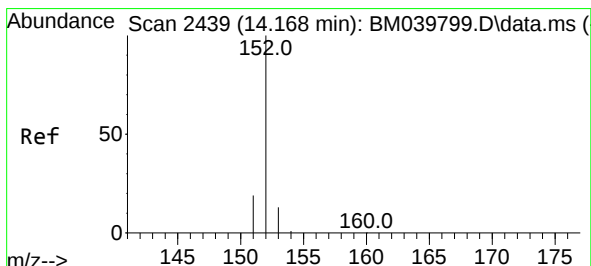
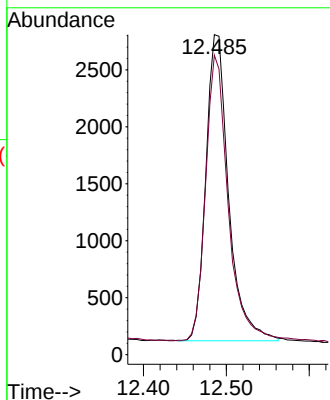
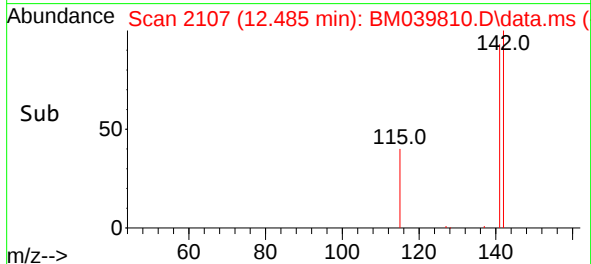
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Tgt Ion:142 Resp: 513
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.2

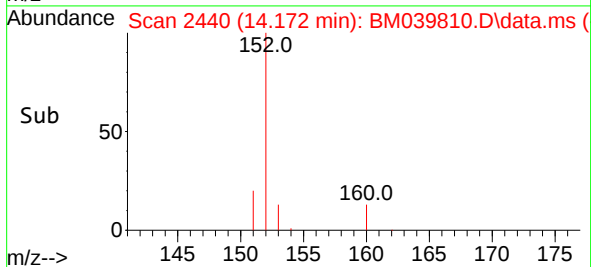
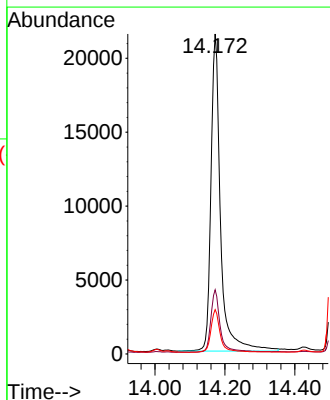
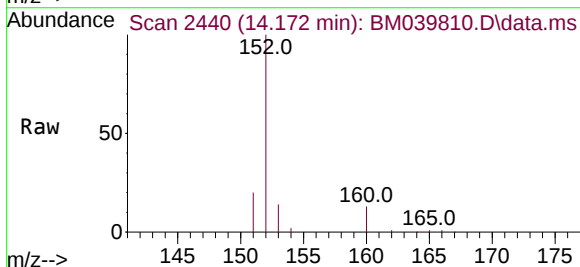
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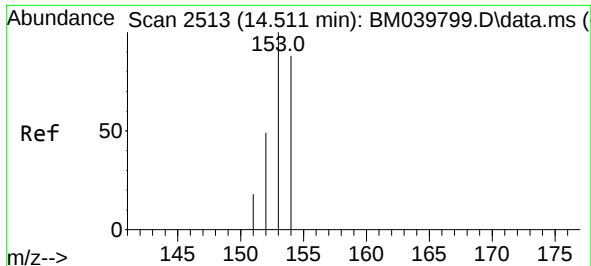
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#10
Acenaphthylene
Concen: 1.986 ng/ul
RT: 14.172 min Scan# 2440
Delta R.T. 0.003 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

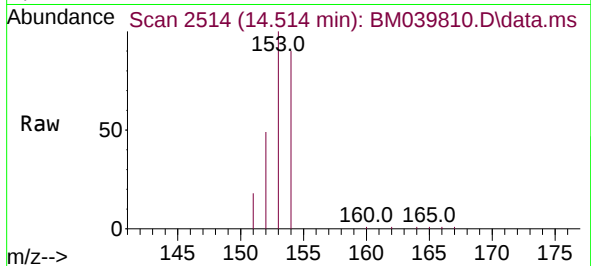
Tgt Ion:152 Resp: 40744
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.8 11.2 16.8





#11
Acenaphthene
Concen: 1.594 ng/ul
RT: 14.514 min Scan# 2514
Delta R.T. 0.003 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

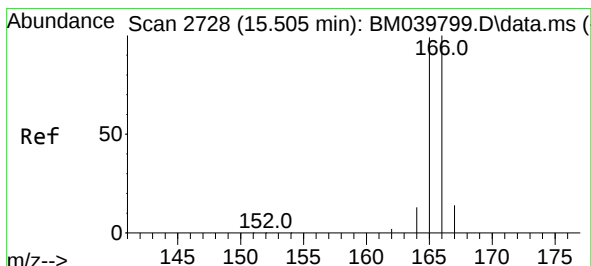
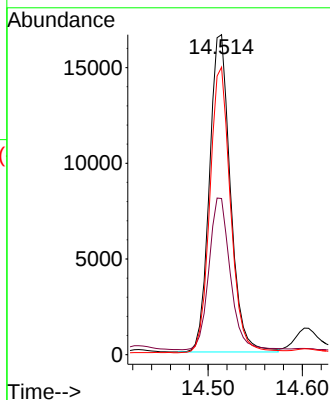
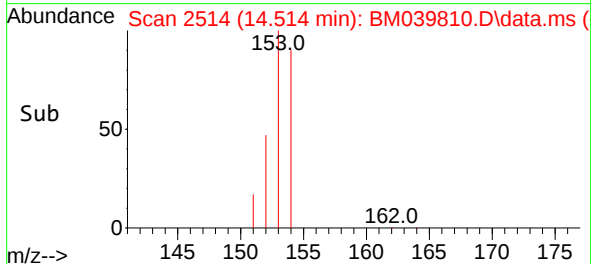
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 25684
Ion Ratio Lower Upper
153 100
152 48.8 40.6 61.0
154 89.8 71.9 107.9

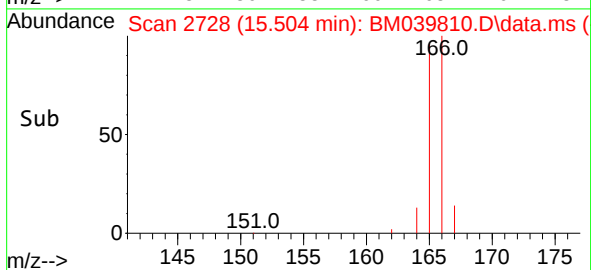
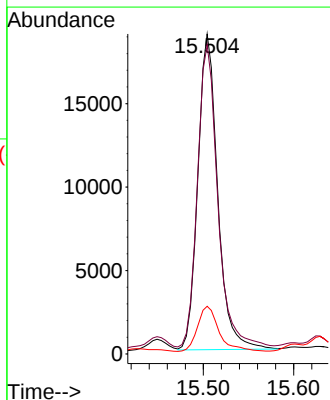
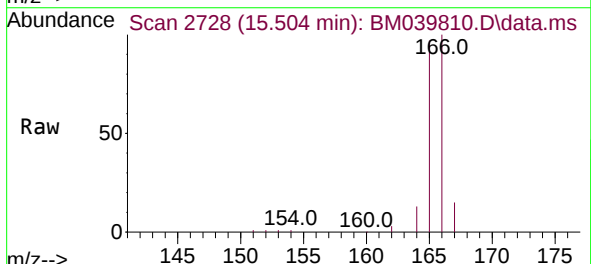
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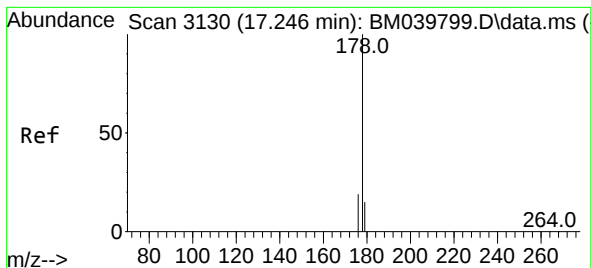
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#12
Fluorene
Concen: 1.622 ng/ul
RT: 15.504 min Scan# 2728
Delta R.T. -0.001 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

Tgt Ion:166 Resp: 29001
Ion Ratio Lower Upper
166 100
165 96.6 79.0 118.6
167 14.9 11.8 17.6





#15

Phenanthrene

Concen: 19.622 ng/ul

RT: 17.245 min Scan# 3130

Delta R.T. -0.001 min

Lab File: BM039810.D

Acq: 02 May 2023 19:55

Instrument :

BNA_M

ClientSampleId :

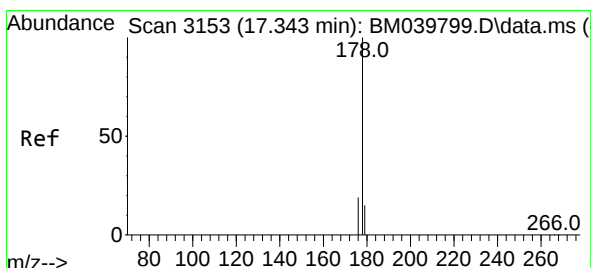
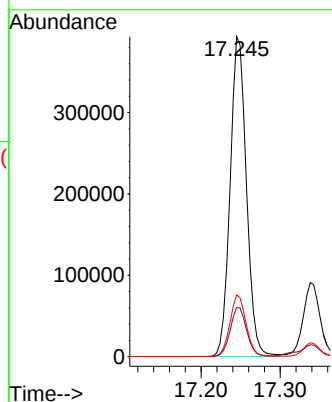
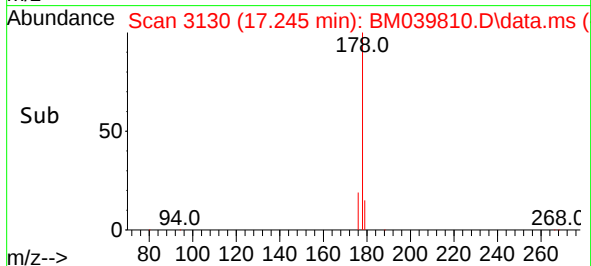
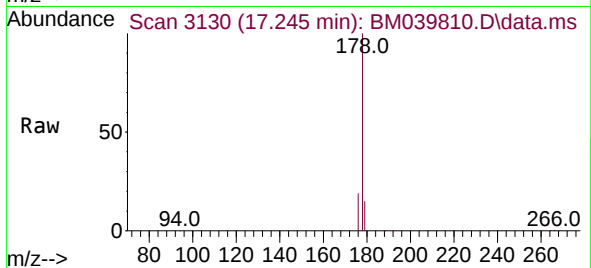
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Tgt Ion:178	Resp: 561862
Ion Ratio	Lower Upper
178 100	
179 15.4	13.0 19.6
176 19.3	15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023
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#16

Anthracene

Concen: 5.213 ng/ul

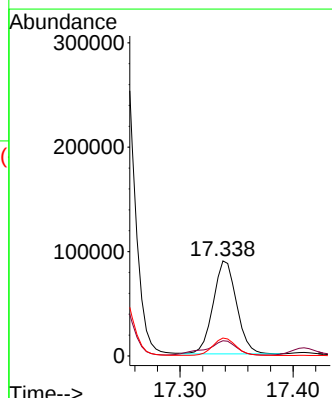
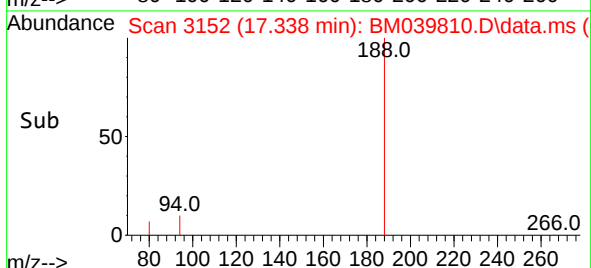
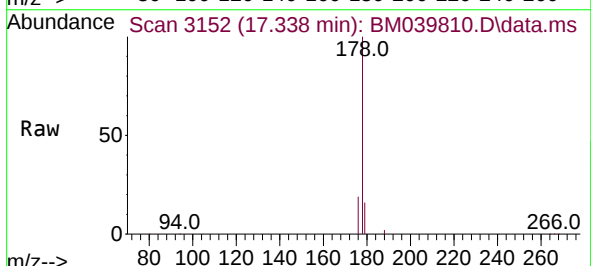
RT: 17.338 min Scan# 3152

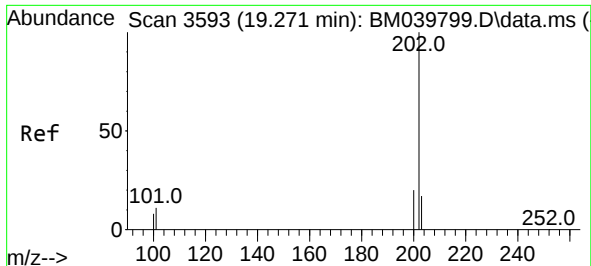
Delta R.T. -0.005 min

Lab File: BM039810.D

Acq: 02 May 2023 19:55

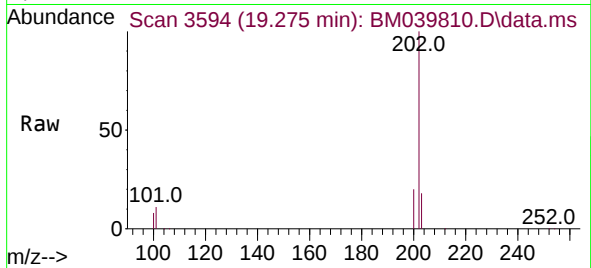
Tgt Ion:178	Resp: 128177
Ion Ratio	Lower Upper
178 100	
179 16.1	13.8 20.6
176 18.8	15.8 23.8





#19
Fluoranthene
Concen: 44.422 ng/u1
RT: 19.275 min Scan# 3593
Delta R.T. 0.003 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

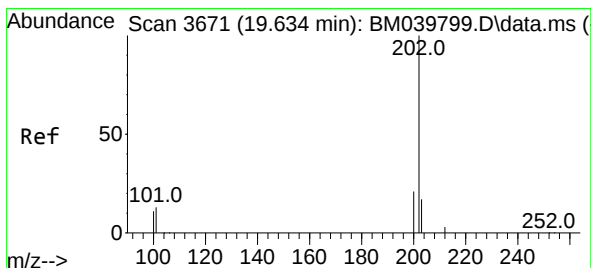
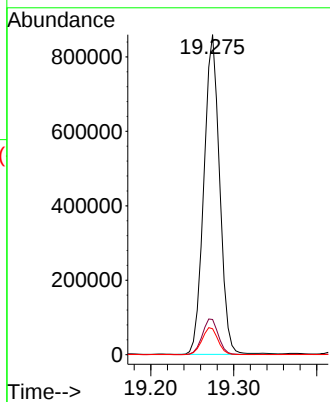
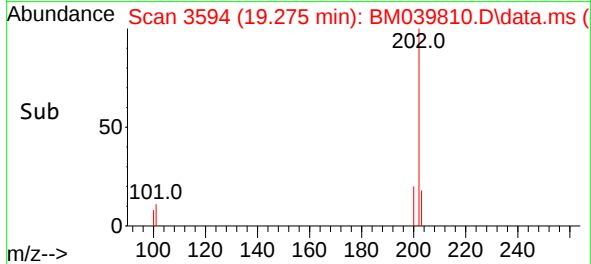
Instrument :
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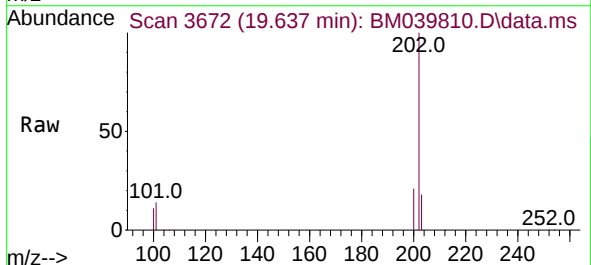
Tgt Ion:202 Resp: 113409
Ion Ratio Lower Upper
202 100
101 11.0 9.8 14.8
100 8.1 7.3 10.9

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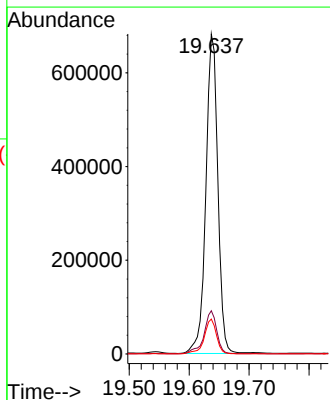
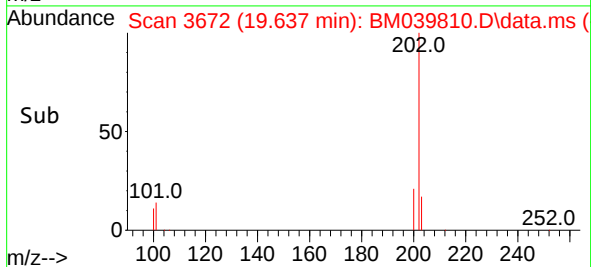
Reviewed By :Christian Giraldo 05/03/2023
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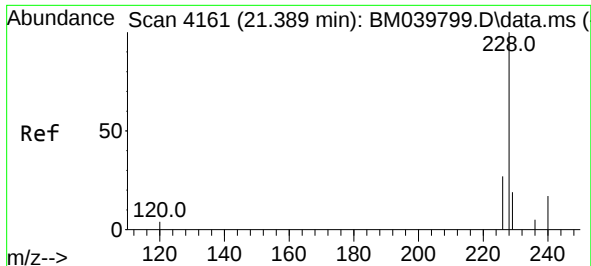


#20
Pyrene
Concen: 34.253 ng/u1
RT: 19.637 min Scan# 3672
Delta R.T. 0.003 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55



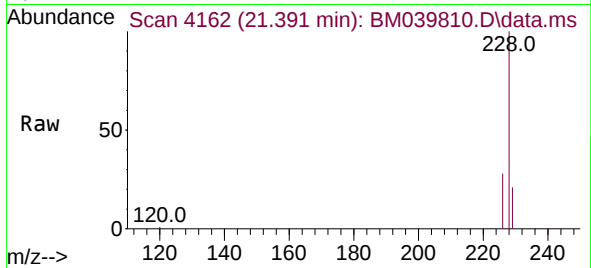
Tgt Ion:202 Resp: 944339
Ion Ratio Lower Upper
202 100
101 13.5 10.9 16.3
100 10.9 8.9 13.3





#21
Benzo(a)anthracene
Concen: 24.656 ng/u1
RT: 21.391 min Scan# 4162
Delta R.T. 0.002 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

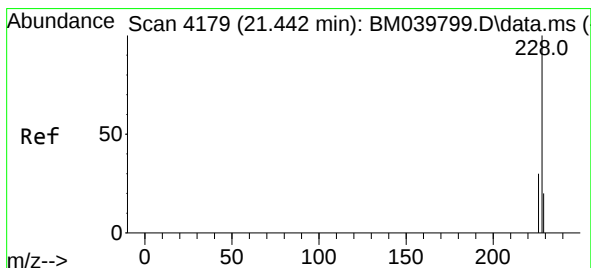
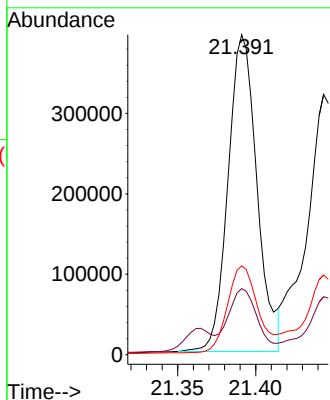
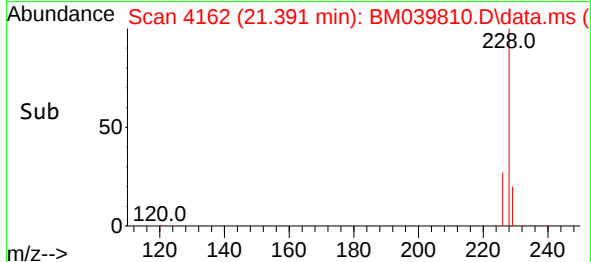
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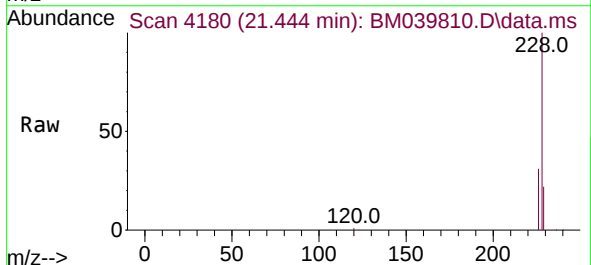
Tgt Ion:228 Resp: 507280
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.2
226 27.7 21.6 32.4

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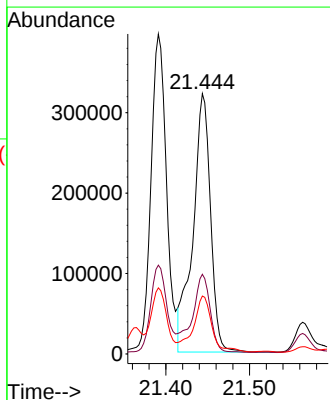
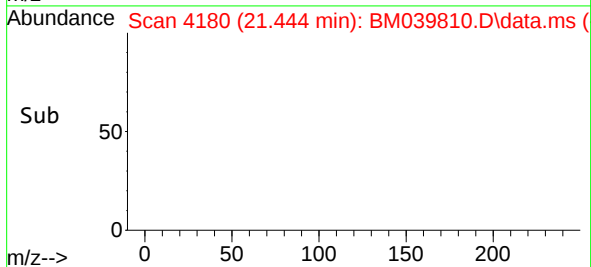
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

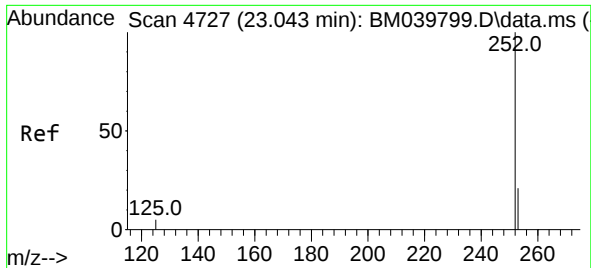


#22
Chrysene
Concen: 20.150 ng/u1
RT: 21.444 min Scan# 4180
Delta R.T. 0.002 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55



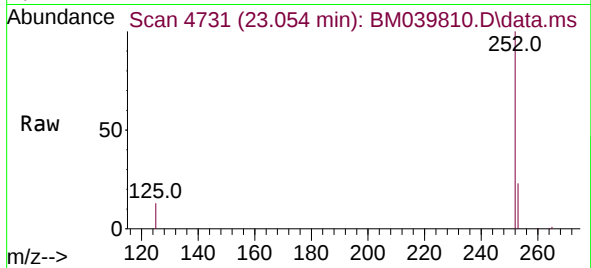
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Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 22.2 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 21.421 ng/ul
RT: 23.054 min Scan# 4731
Delta R.T. 0.011 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

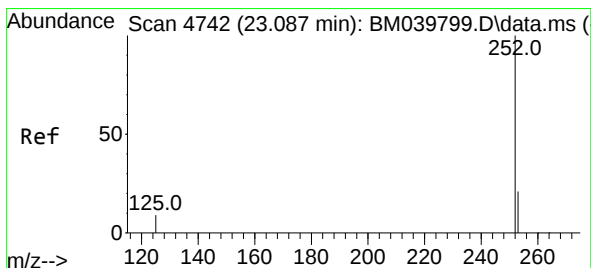
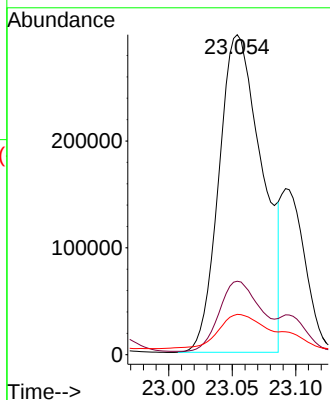
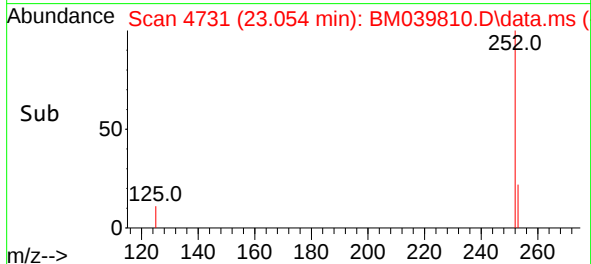
Instrument :
BNA_M
ClientSampleId :
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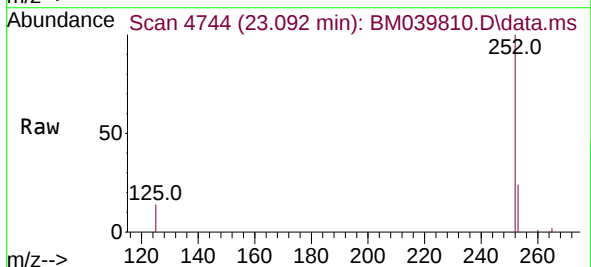
Tgt Ion:252 Resp: 704078
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 12.6 0.0 31.6

Manual Integrations
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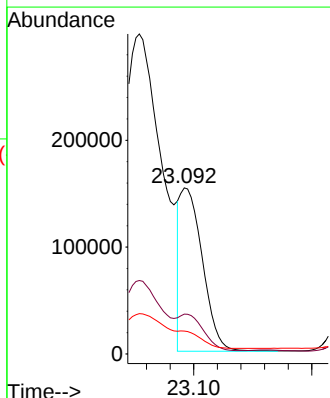
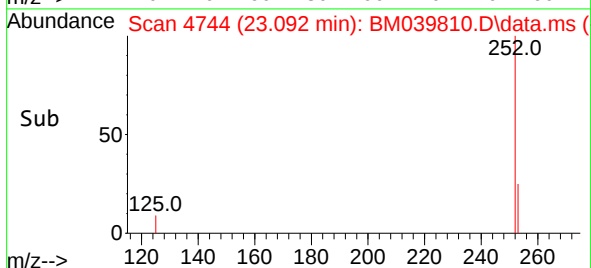
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

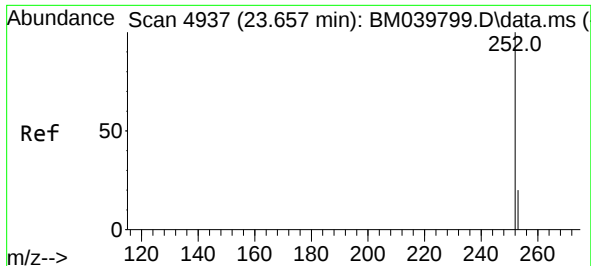


#25
Benzo(k)fluoranthene
Concen: 6.030 ng/ul m
RT: 23.092 min Scan# 4744
Delta R.T. 0.005 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55



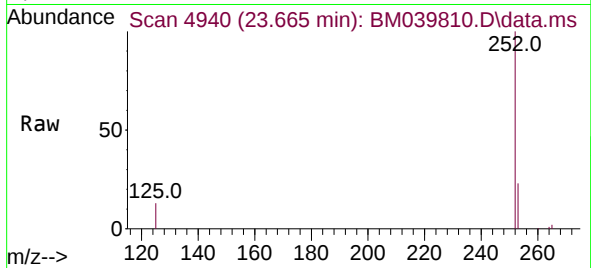
Tgt Ion:252 Resp: 201791
Ion Ratio Lower Upper
252 100
253 24.0 21.3 31.9
125 13.8 13.0 19.6





#26
Benzo(a)pyrene
Concen: 15.904 ng/ul
RT: 23.665 min Scan# 4937
Delta R.T. 0.008 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

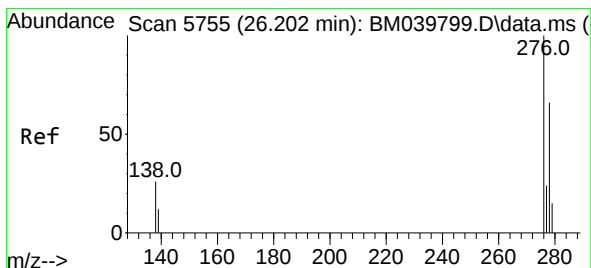
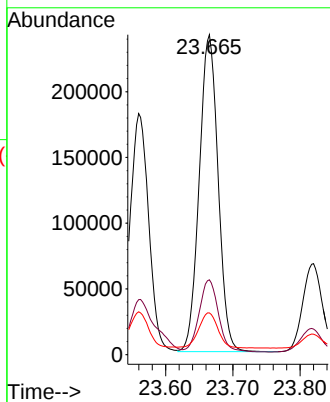
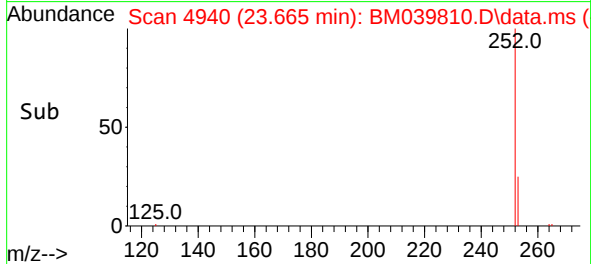
Instrument :
BNA_M
ClientSampleId :
EW918DL



Tgt Ion:252 Resp: 469340
Ion Ratio Lower Upper
252 100
253 23.4 24.7 37.1
125 13.1 16.5 24.7

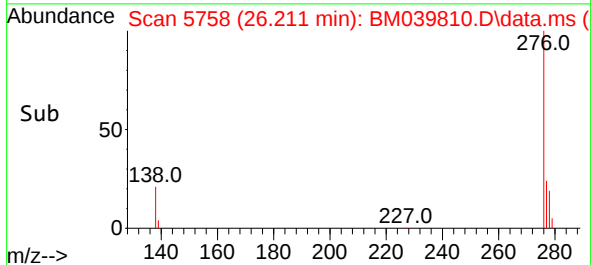
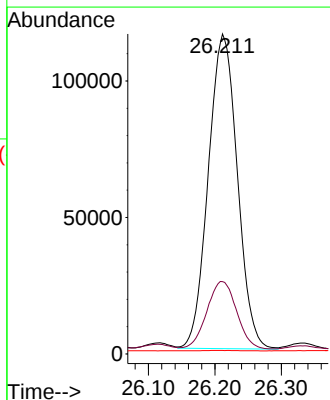
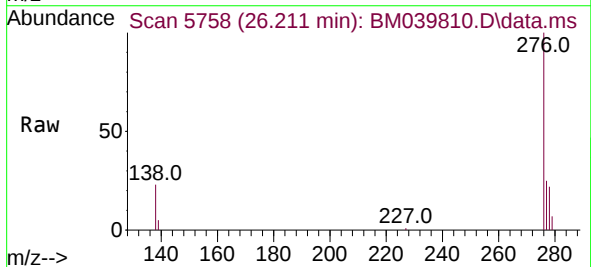
Manual Integrations
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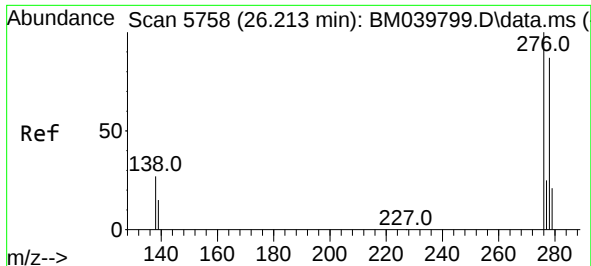
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 9.374 ng/ul
RT: 26.211 min Scan# 5758
Delta R.T. 0.009 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

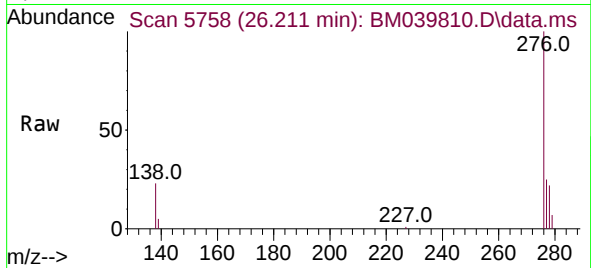
Tgt Ion:276 Resp: 349778
Ion Ratio Lower Upper
276 100
138 22.0 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 3.146 ng/ul
RT: 26.211 min Scan# 5112
Delta R.T. -0.001 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

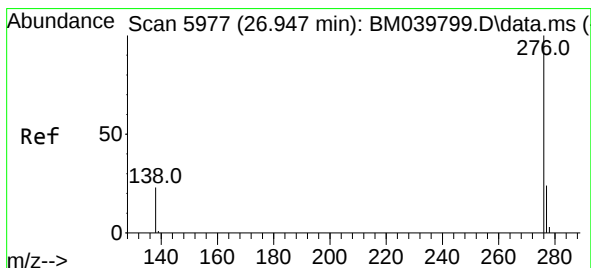
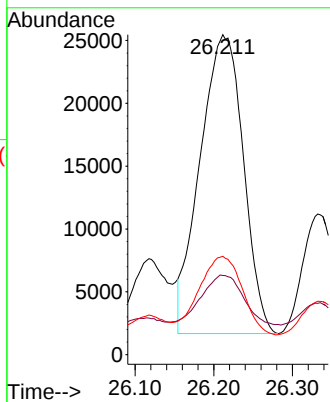
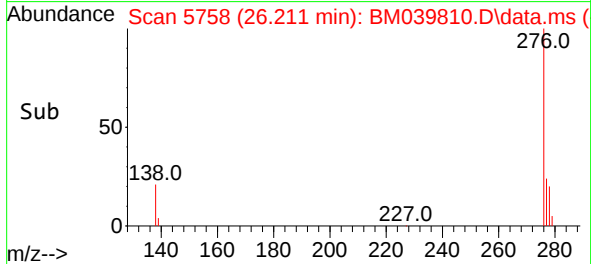
Instrument :
BNA_M
ClientSampleId :
EW918DL



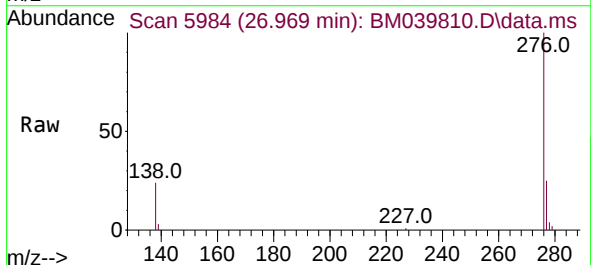
Tgt Ion:278 Resp: 91120
Ion Ratio Lower Upper
278 100
139 24.8 17.0 25.6
279 30.7 23.4 35.2

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Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#29
Benzo(g,h,i)perylene
Concen: 8.859 ng/ul
RT: 26.969 min Scan# 5984
Delta R.T. 0.022 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55



Tgt Ion:276 Resp: 288040
Ion Ratio Lower Upper
276 100
138 23.7 20.1 30.1
277 24.9 20.1 30.1

