

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039773.D
 Acq On : 01 May 2023 12:31
 Operator : CG/JU
 Sample : 02417-14DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y0DL

Manual Integrations
 APPROVED

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

Quant Time: May 02 01:29:06 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	7.800	152	3205	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.605	136	12099	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.449	164	7172	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.203	188	14977	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	12272	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	10499	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2452	0.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	559	0.036	ng/ul	0.02
18) Fluoranthene-d10	19.237	212	1297	0.039	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.649	128	2846	0.094	ng/ul#	90
7) 2-Methylnaphthalene	12.288	142	1940	0.111	ng/ul	95
8) 1-Methylnaphthalene	12.497	142	1589	0.084	ng/ul	99
10) Acenaphthylene	14.172	152	1666	0.060	ng/ul#	83
11) Acenaphthene	14.510	153	1168	0.054	ng/ul	96
12) Fluorene	15.504	166	1294	0.053	ng/ul#	91
15) Phenanthrene	17.241	178	31363	0.795	ng/ul	99
16) Anthracene	17.338	178	8628	0.255	ng/ul	97
19) Fluoranthene	19.265	202	71030	1.622	ng/ul	98
20) Pyrene	19.628	202	74392	1.573	ng/ul	99
21) Benzo(a)anthracene	21.382	228	32243m	0.914	ng/ul	
22) Chrysene	21.432	228	36146m	0.905	ng/ul	
24) Benzo(b)fluoranthene	23.031	252	45891	1.245	ng/ul	97
25) Benzo(k)fluoranthene	23.072	252	14703m	0.392	ng/ul	
26) Benzo(a)pyrene	23.639	252	29494	0.891	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.171	276	21348	0.510	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.171	278	4841	0.149	ng/ul#	85
29) Benzo(g,h,i)perylene	26.919	276	21134	0.579	ng/ul	99

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

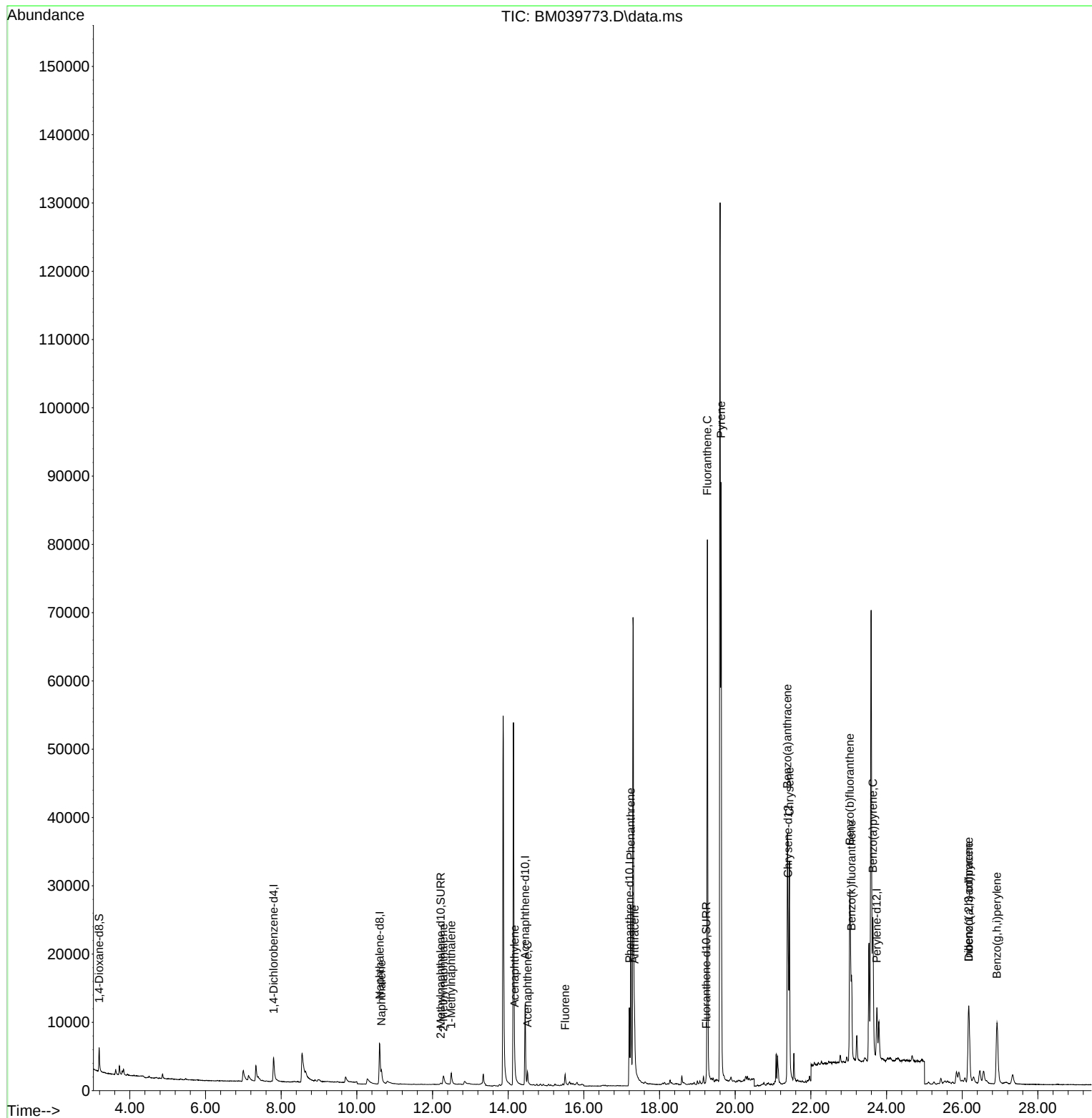
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039773.D
Acq On : 01 May 2023 12:31
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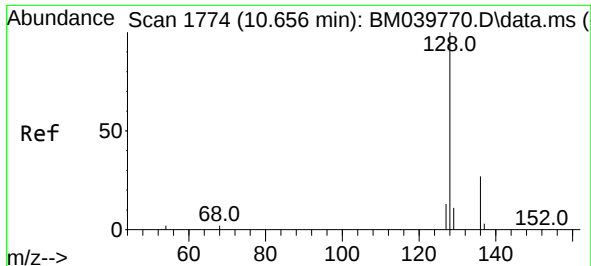
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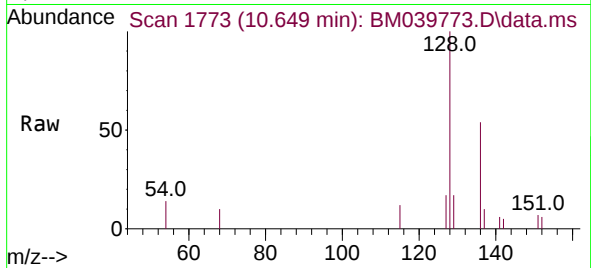
Quant Time: May 02 01:29:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.094 ng/ul
RT: 10.649 min Scan# 1773
Delta R.T. -0.007 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

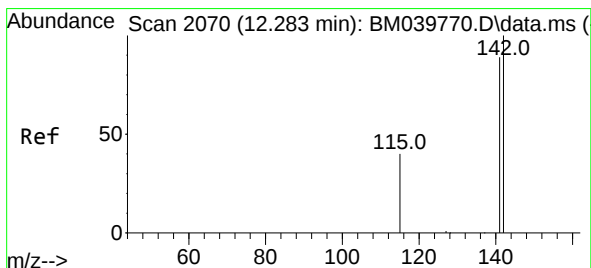
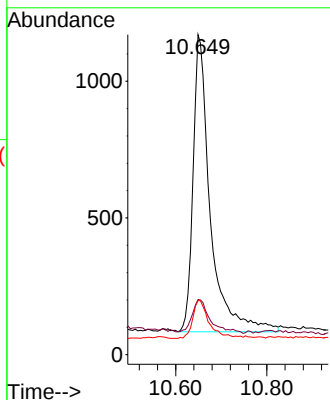
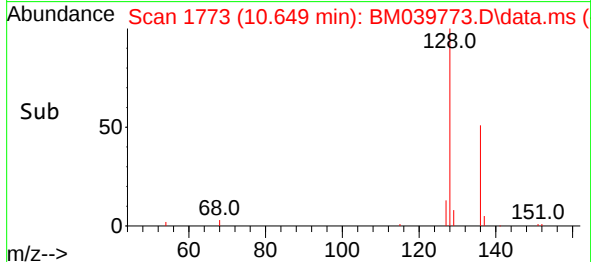
Instrument :
BNA_M
ClientSampleId :
EW8Y0DL



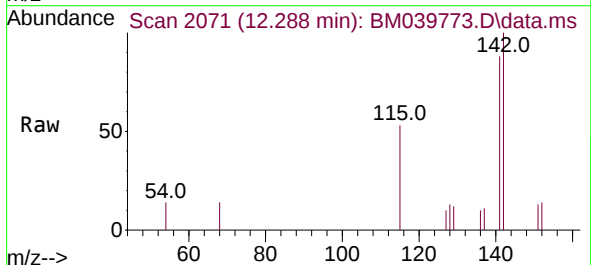
Tgt Ion:128 Resp: 2840
Ion Ratio Lower Upper
128 100
129 17.3 9.8 14.6
127 16.9 11.1 16.7

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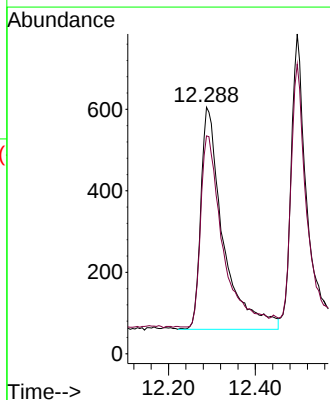
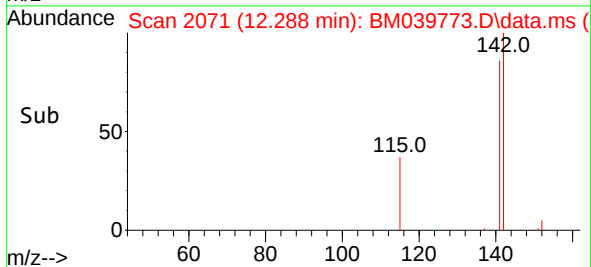
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

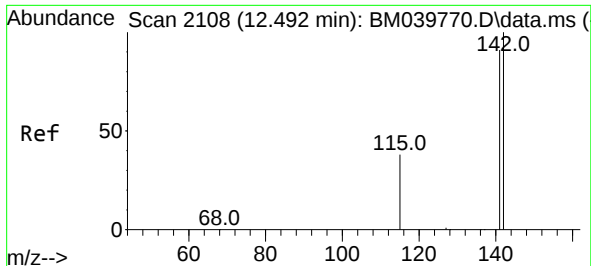


#7
2-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.288 min Scan# 2071
Delta R.T. 0.010 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31



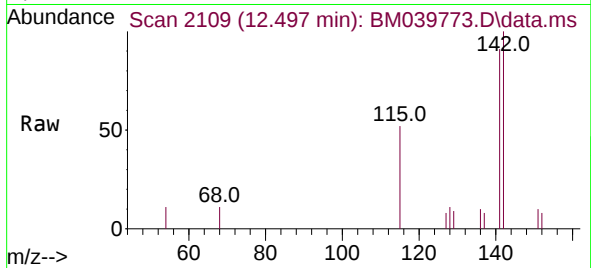
Tgt Ion:142 Resp: 1940
Ion Ratio Lower Upper
142 100
141 86.9 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.497 min Scan# 2109
Delta R.T. 0.004 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

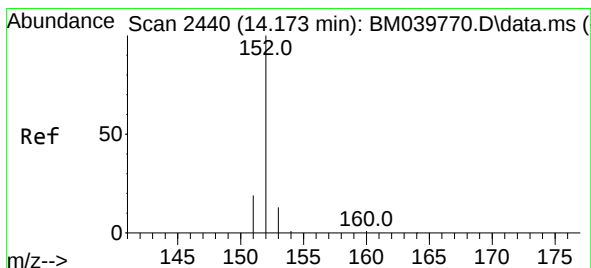
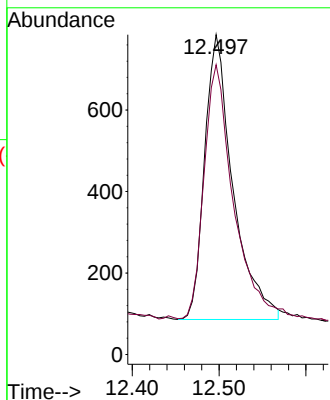
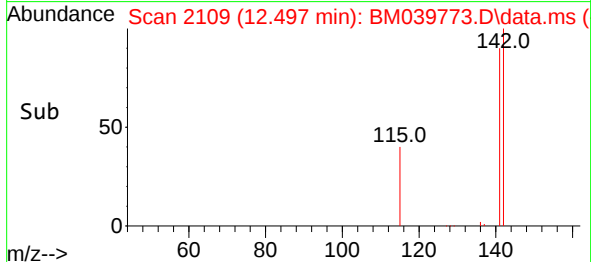
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 1589
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2

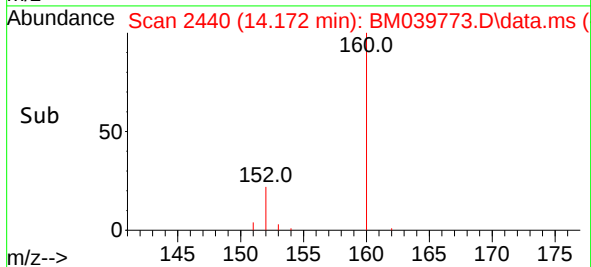
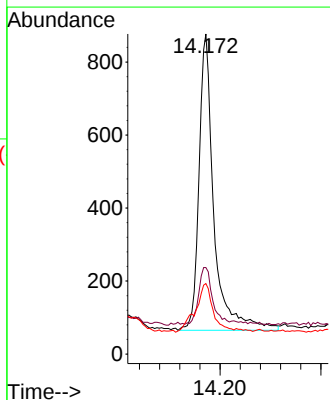
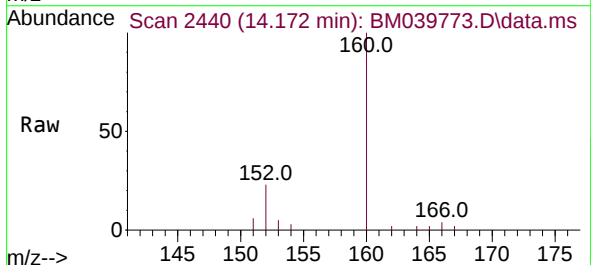
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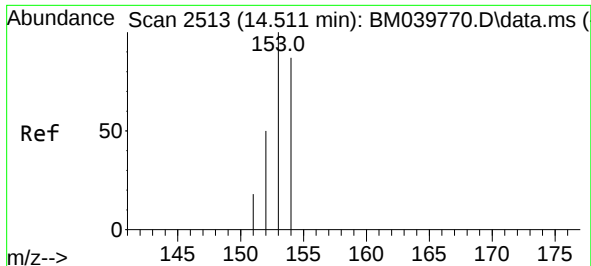
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 14.172 min Scan# 2440
Delta R.T. -0.001 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

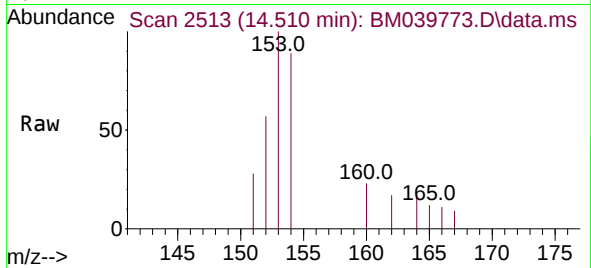
Tgt Ion:152 Resp: 1666
Ion Ratio Lower Upper
152 100
151 27.0 16.0 24.0#
153 22.0 11.2 16.8#





#11
Acenaphthene
Concen: 0.054 ng/u1
RT: 14.510 min Scan# 2168
Delta R.T. -0.001 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

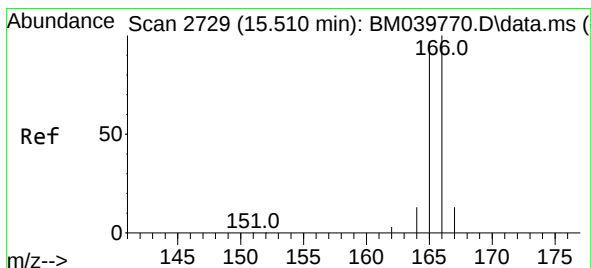
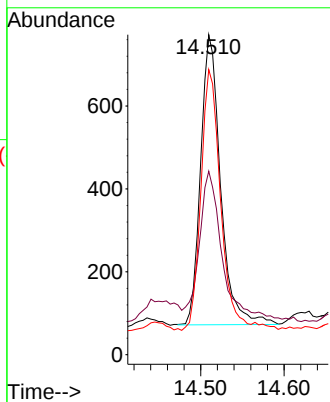
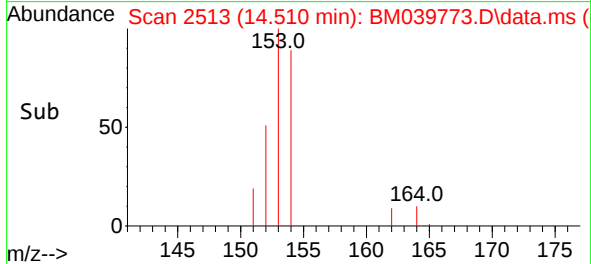
Instrument :
BNA_M
ClientSampleId :
EW8Y0DL



Tgt Ion:153 Resp: 1168
Ion Ratio Lower Upper
153 100
152 57.4 40.6 61.0
154 89.1 71.9 107.9

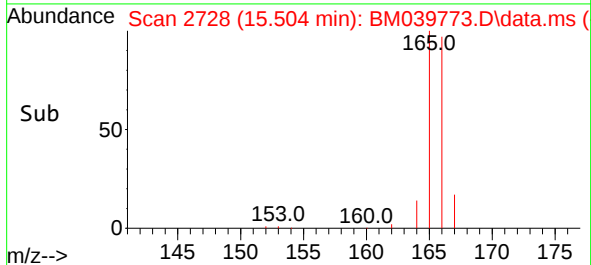
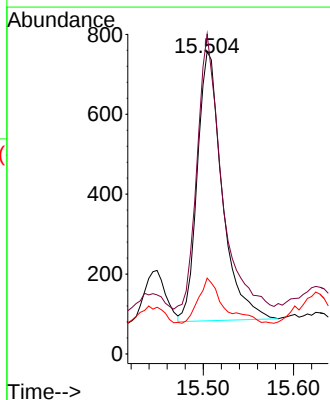
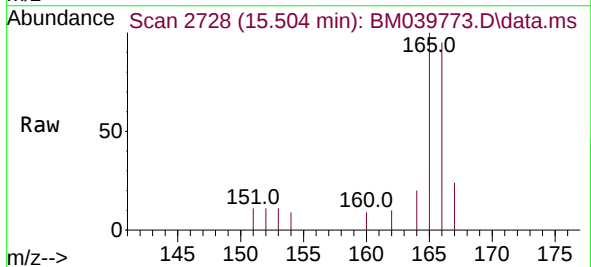
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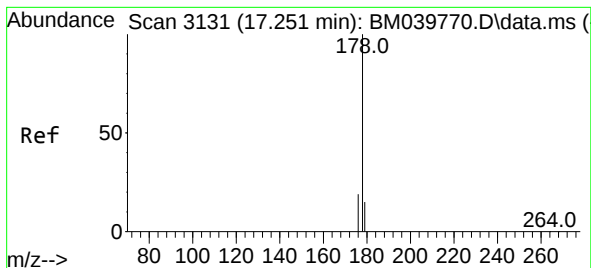
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#12
Fluorene
Concen: 0.053 ng/u1
RT: 15.504 min Scan# 2728
Delta R.T. -0.006 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Tgt Ion:166 Resp: 1294
Ion Ratio Lower Upper
166 100
165 105.8 79.0 118.6
167 25.1 11.8 17.6#





#15

Phenanthrene

Concen: 0.795 ng/ul

RT: 17.241 min Scan# 3131

Delta R.T. -0.005 min

Lab File: BM039773.D

Acq: 01 May 2023 12:31

Instrument :

BNA_M

ClientSampleId :

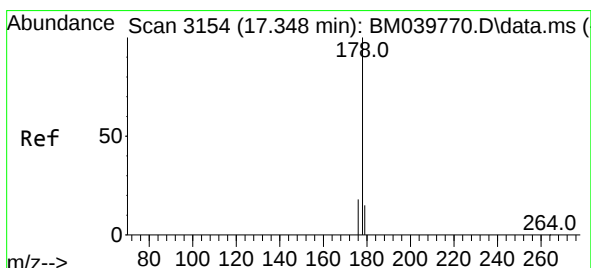
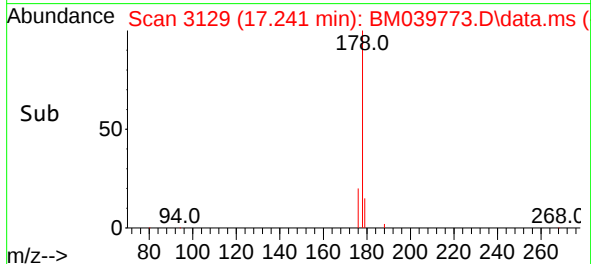
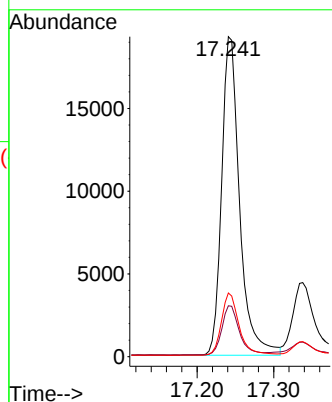
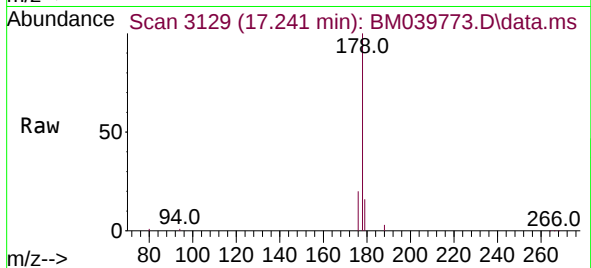
EW8Y0DL

Tgt Ion:	178	Resp:	3136
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.0	19.6
176	19.9	15.8	23.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/02/2023



#16

Anthracene

Concen: 0.255 ng/ul

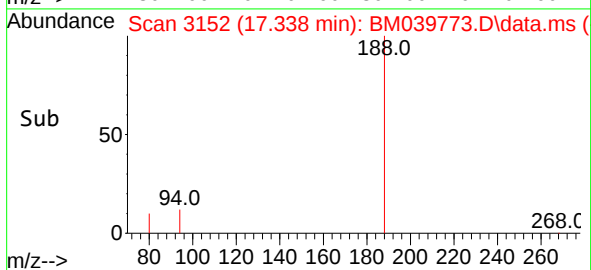
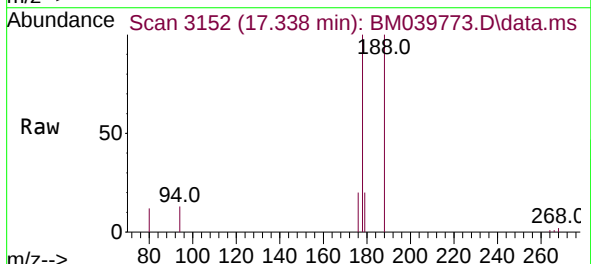
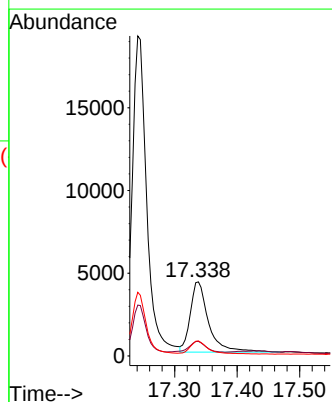
RT: 17.338 min Scan# 3152

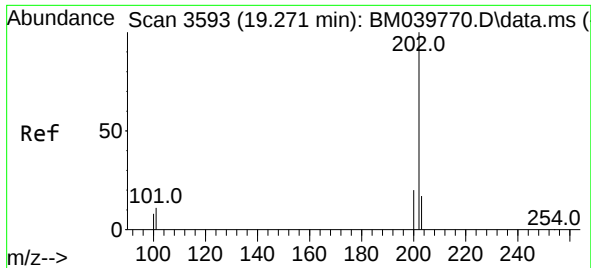
Delta R.T. -0.005 min

Lab File: BM039773.D

Acq: 01 May 2023 12:31

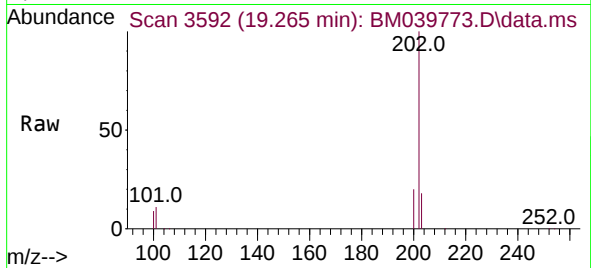
Tgt Ion:	178	Resp:	8628
Ion Ratio	Lower	Upper	
178	100		
179	19.6	13.8	20.6
176	20.3	15.8	23.8





#19
Fluoranthene
Concen: 1.622 ng/ul
RT: 19.265 min Scan# 3592
Delta R.T. -0.001 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

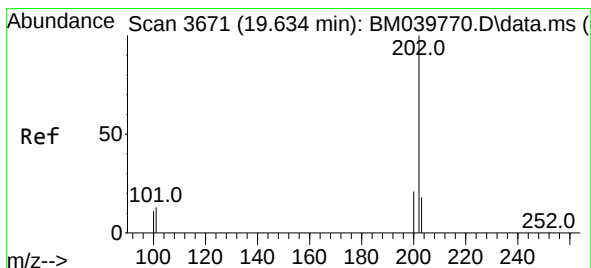
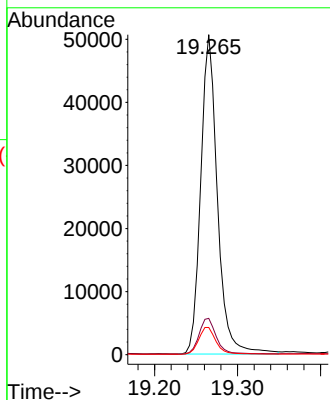
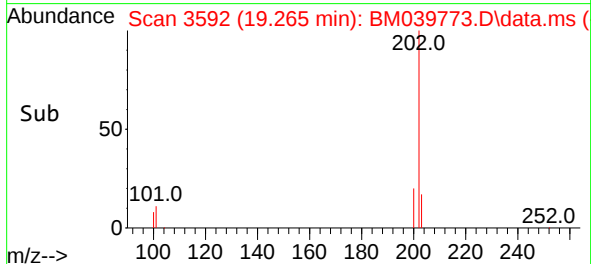
Instrument :
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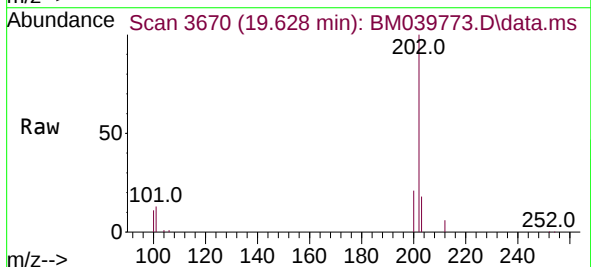
Tgt Ion:202 Resp: 71030
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.8
100 8.5 7.3 10.9

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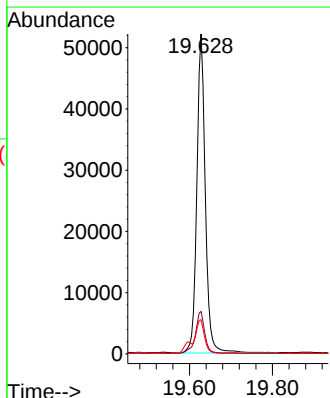
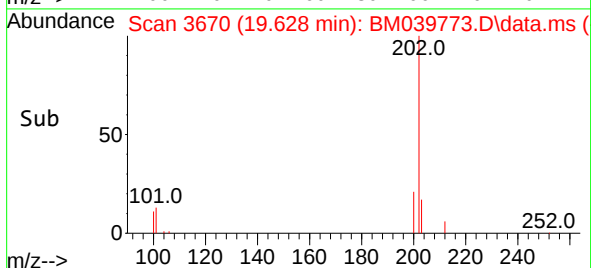
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

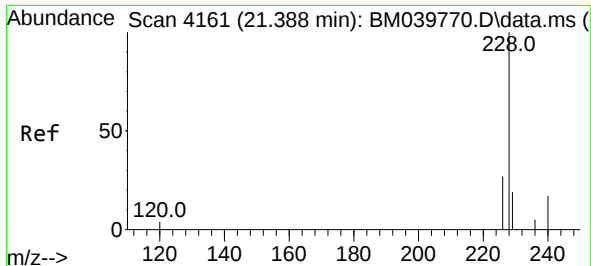


#20
Pyrene
Concen: 1.573 ng/ul
RT: 19.628 min Scan# 3670
Delta R.T. -0.006 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31



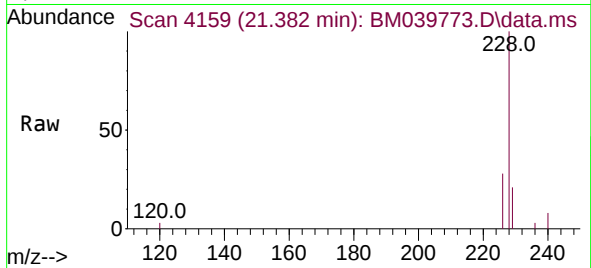
Tgt Ion:202 Resp: 74392
Ion Ratio Lower Upper
202 100
101 13.3 10.9 16.3
100 10.7 8.9 13.3





#21
Benzo(a)anthracene
Concen: 0.914 ng/ul m
RT: 21.382 min Scan# 4161
Delta R.T. -0.001 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

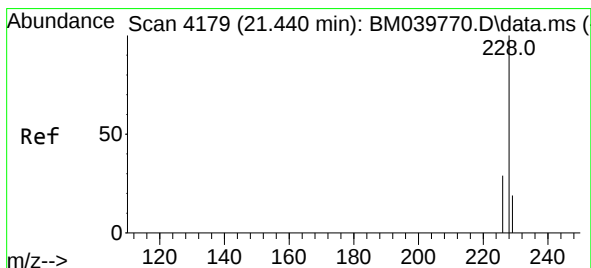
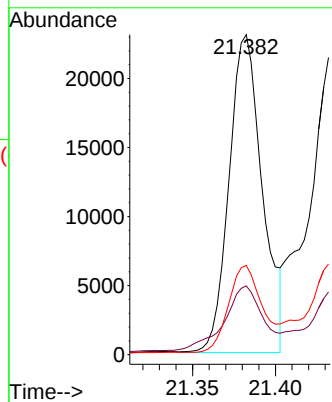
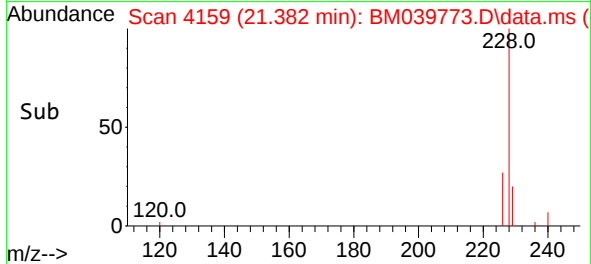
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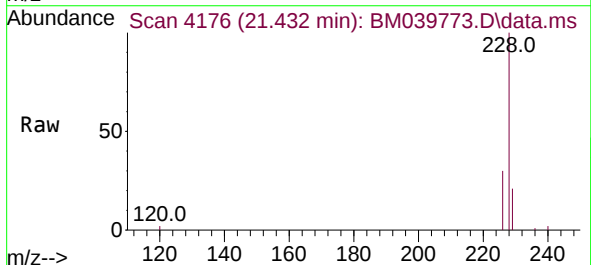
Tgt Ion:228 Resp: 3224
Ion Ratio Lower Upper
228 100
229 21.5 16.2 24.2
226 27.9 21.6 32.4

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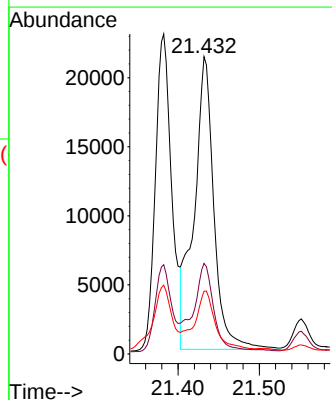
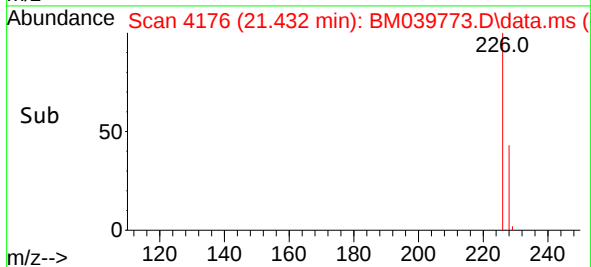
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

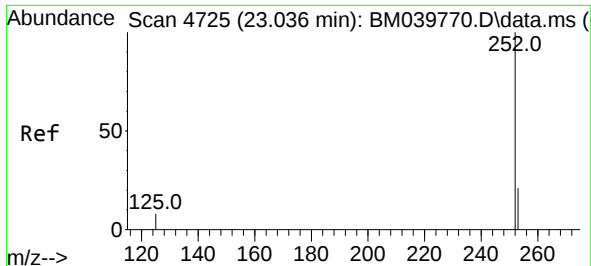


#22
Chrysene
Concen: 0.905 ng/ul m
RT: 21.432 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31



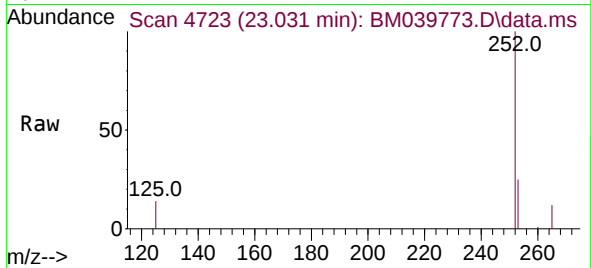
Tgt Ion:228 Resp: 36146
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 21.1 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.245 ng/ul
RT: 23.031 min Scan# 4723
Delta R.T. -0.001 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

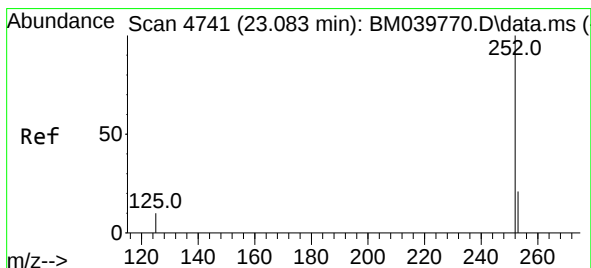
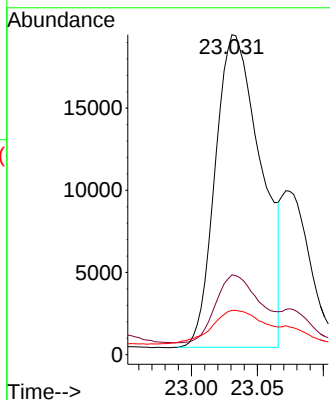
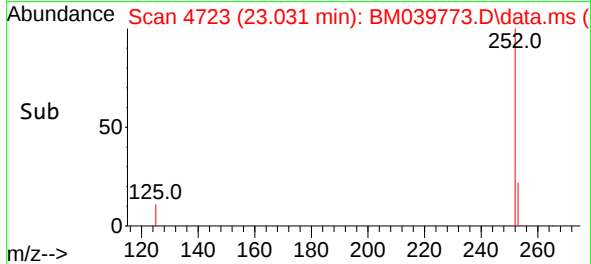
Instrument :
BNA_M
ClientSampleId :
EW8Y0DL



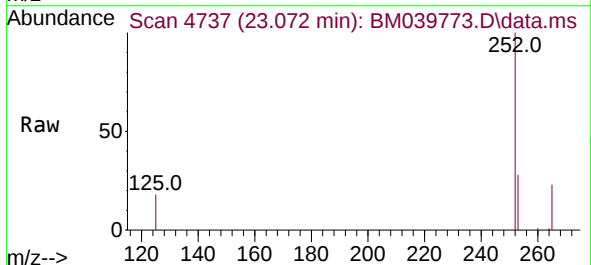
Tgt Ion:252 Resp: 4589
Ion Ratio Lower Upper
252 100
253 25.0 0.0 52.8
125 13.9 0.0 31.6

Manual Integrations
APPROVED

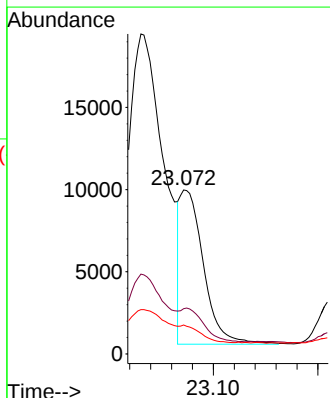
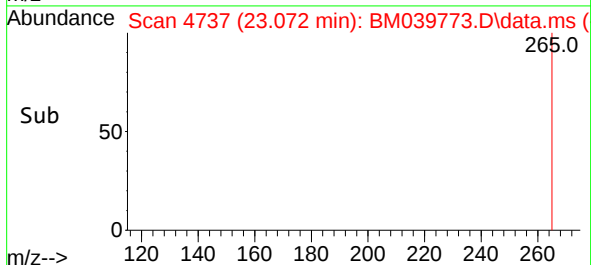
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

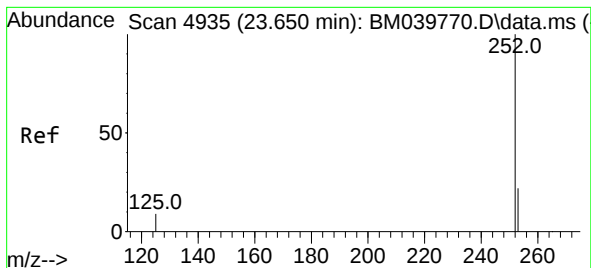


#25
Benzo(k)fluoranthene
Concen: 0.392 ng/ul m
RT: 23.072 min Scan# 4737
Delta R.T. -0.007 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31



Tgt Ion:252 Resp: 14703
Ion Ratio Lower Upper
252 100
253 27.6 21.3 31.9
125 17.7 13.0 19.6





#26

Benzo(a)pyrene

Concen: 0.891 ng/ul

RT: 23.639 min Scan# 4935

Delta R.T. -0.004 min

Lab File: BM039773.D

Acq: 01 May 2023 12:31

Instrument :

BNA_M

ClientSampleId :

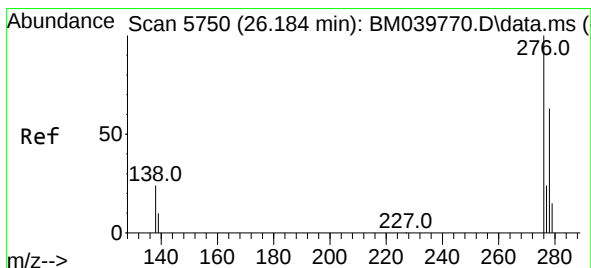
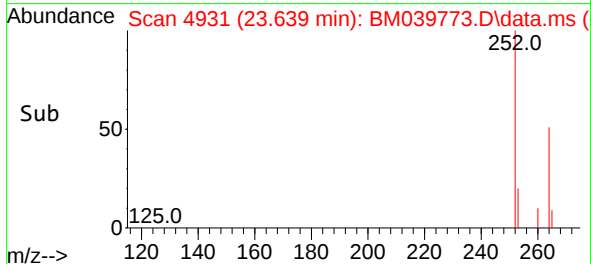
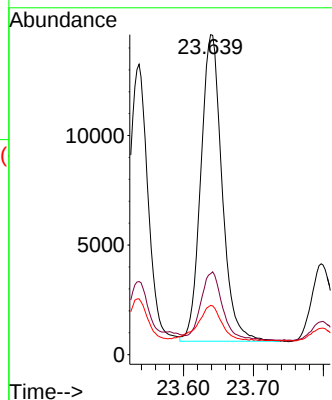
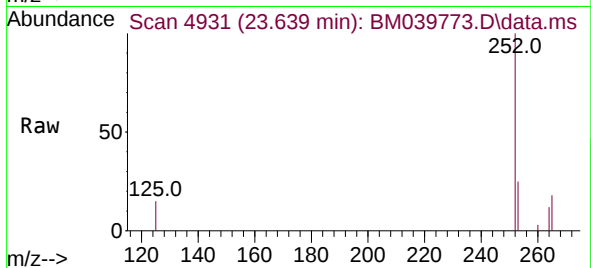
EW8Y0DL

Tgt Ion:	252	Resp:	29494
Ion Ratio	Lower	Upper	
252	100		
253	25.3	24.7	37.1
125	15.4	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: 0.510 ng/ul

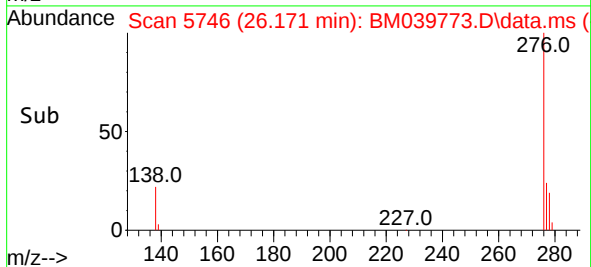
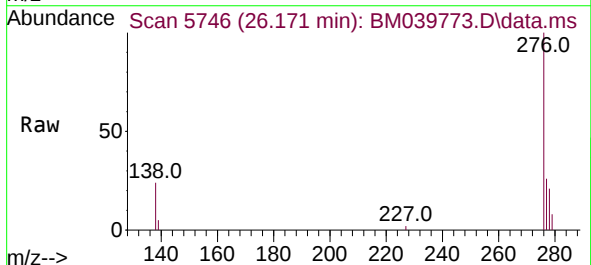
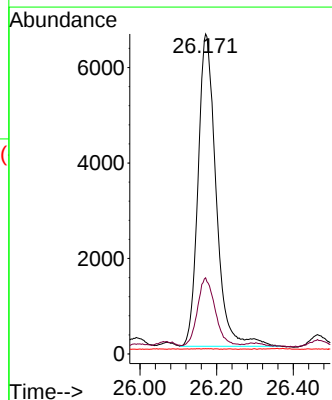
RT: 26.171 min Scan# 5746

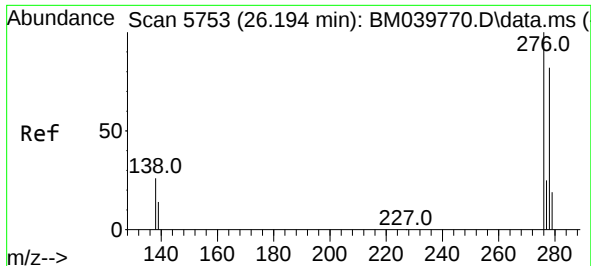
Delta R.T. -0.008 min

Lab File: BM039773.D

Acq: 01 May 2023 12:31

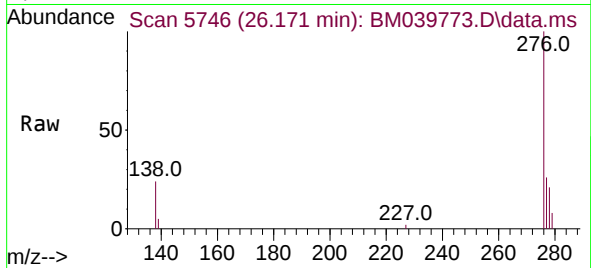
Tgt Ion:	276	Resp:	21348
Ion Ratio	Lower	Upper	
276	100		
138	21.4	21.1	31.7
227	0.1	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 26.171 min Scan# 5746
Delta R.T. -0.018 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

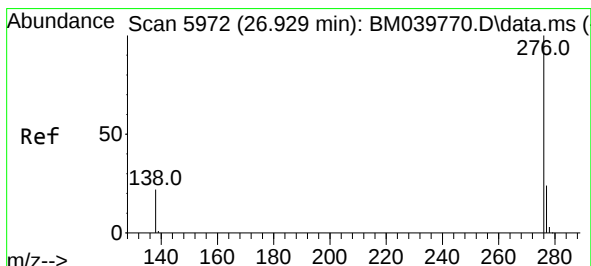
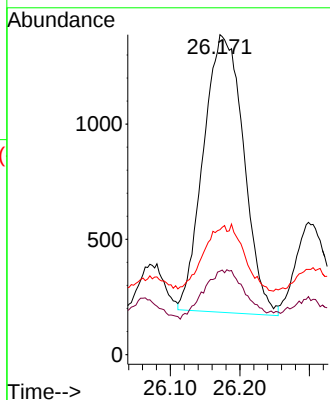
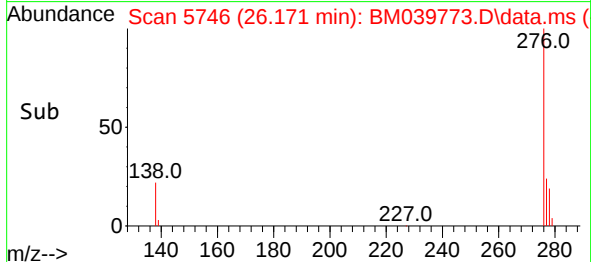
Instrument :
BNA_M
ClientSampleId :
EW8Y0DL



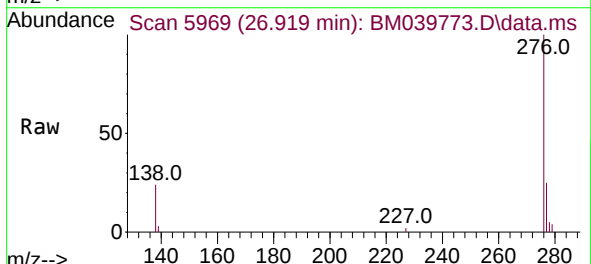
Tgt Ion:278 Resp: 484
Ion Ratio Lower Upper
278 100
139 26.1 17.0 25.6
279 39.0 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.579 ng/ul
RT: 26.919 min Scan# 5969
Delta R.T. -0.001 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31



Tgt Ion:276 Resp: 21134
Ion Ratio Lower Upper
276 100
138 24.1 20.1 30.1
277 25.5 20.1 30.1

