

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039713.D
 Acq On : 27 Apr 2023 19:36
 Operator : CG/JU
 Sample : 02418-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z7

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 02:34:37 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 : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	3947	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.601	136	14784	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	8654	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	18599	0.400	ng/ul	-0.01
17) Chrysene-d12	21.396	240	12096	0.400	ng/ul	#-0.01
23) Perylene-d12	23.746	264	9485	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	9980	1.716	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	2895	0.153	ng/ul	-0.02
18) Fluoranthene-d10	19.234	212	6376	0.196	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.650	128	13416	0.361	ng/ul	98
7) 2-Methylnaphthalene	12.272	142	14071	0.657	ng/ul	96
8) 1-Methylnaphthalene	12.487	142	8674	0.377	ng/ul	99
10) Acenaphthylene	14.169	152	15672	0.468	ng/ul	95
11) Acenaphthene	14.511	153	5365	0.204	ng/ul	97
12) Fluorene	15.501	166	7911	0.271	ng/ul#	95
15) Phenanthrene	17.242	178	123339	2.517	ng/ul	99
16) Anthracene	17.335	178	28770	0.684	ng/ul	99
19) Fluoranthene	19.267	202	300500	6.963	ng/ul	97
20) Pyrene	19.629	202	226739	4.865	ng/ul	99
21) Benzo(a)anthracene	21.379	228	128759	3.702	ng/ul	99
22) Chrysene	21.432	228	126992	3.227	ng/ul	98
24) Benzo(b)fluoranthene	23.030	252	134502	4.038	ng/ul	96
25) Benzo(k)fluoranthene	23.074	252	46260m	1.364	ng/ul	
26) Benzo(a)pyrene	23.638	252	74878	2.504	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.164	276	56712	1.500	ng/ul	91
28) Dibenzo(a,h)anthracene	26.174	278	14755	0.503	ng/ul#	87
29) Benzo(g,h,i)perylene	26.919	276	50527	1.533	ng/ul	99

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

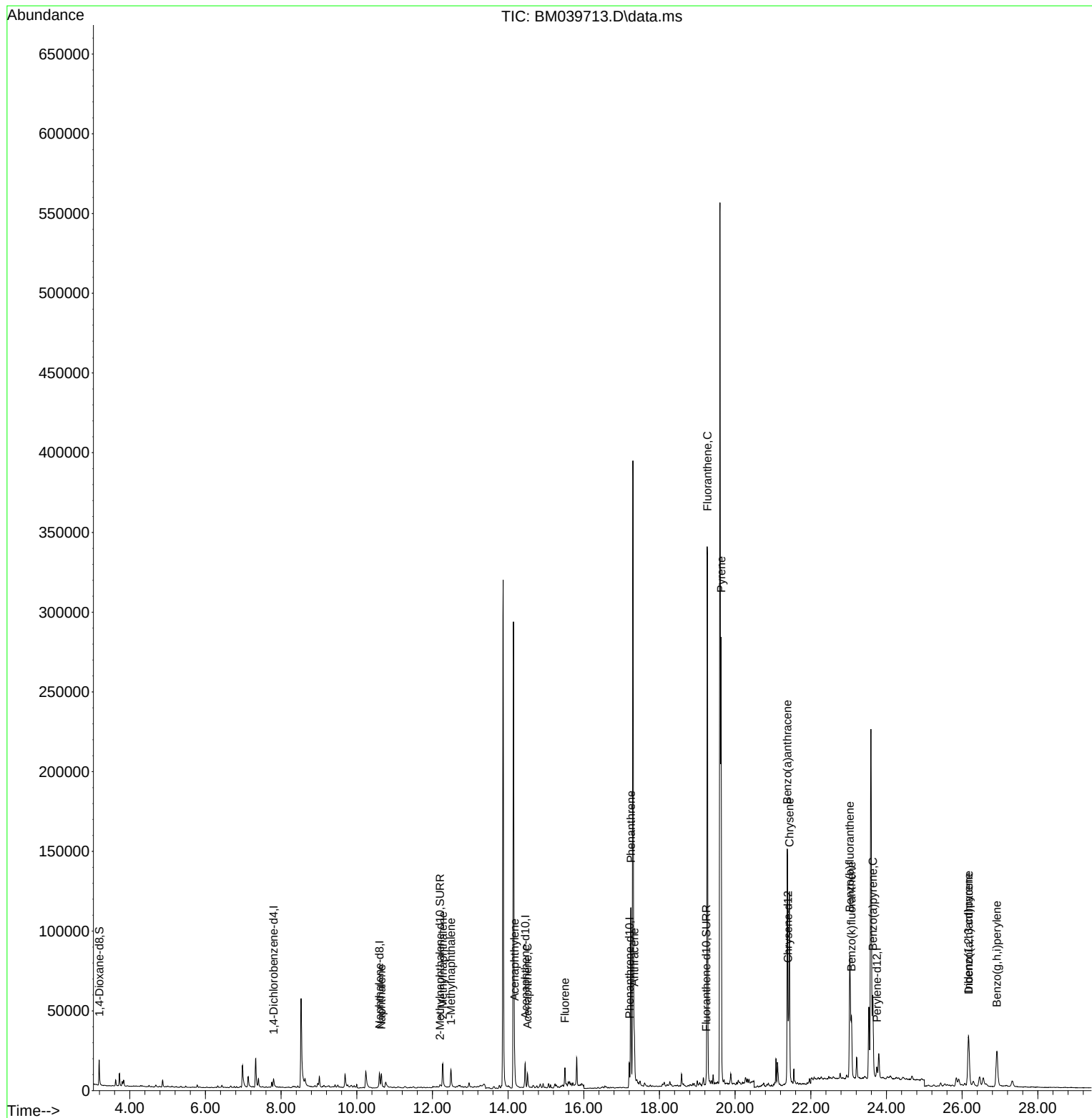
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039713.D
Acq On : 27 Apr 2023 19:36
Operator : CG/JU
Sample : 02418-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

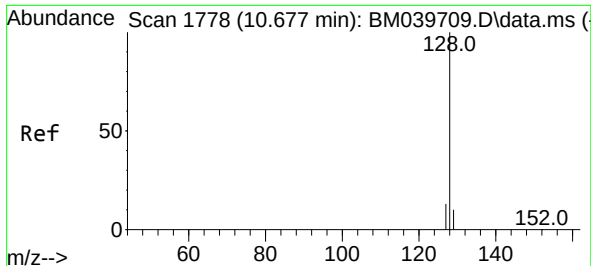
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Quant Time: Apr 28 02:34:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
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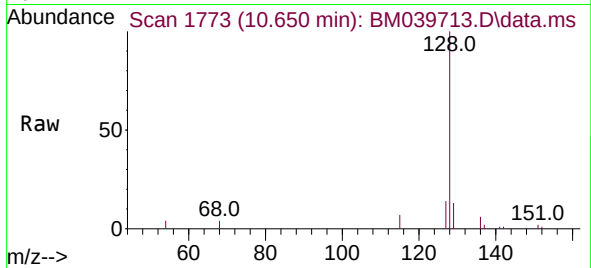
Reviewed By : Christian Giraldo 04/28/2023
Supervised By : Jagrut Upadhyay 04/28/2023





#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.650 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36

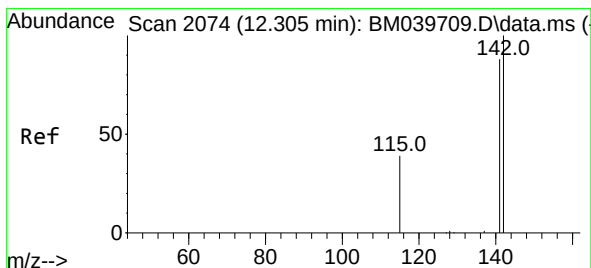
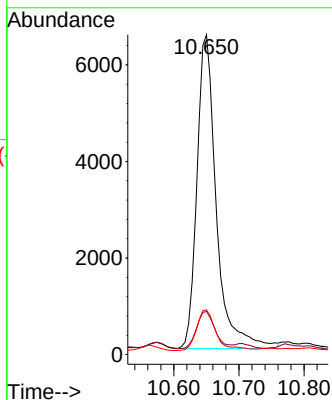
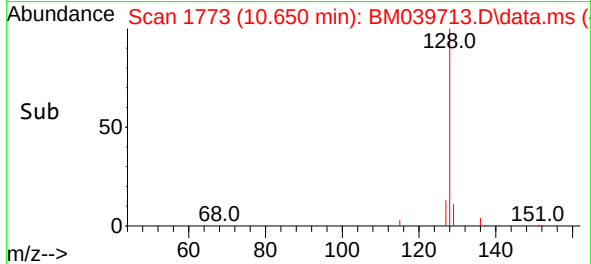
Instrument :
BNA_M
ClientSampleId :
EW8Z7



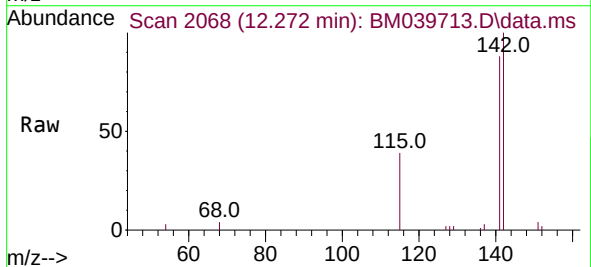
Tgt Ion:128 Resp: 13416
Ion Ratio Lower Upper
128 100
129 13.5 9.8 14.6
127 14.0 11.1 16.7

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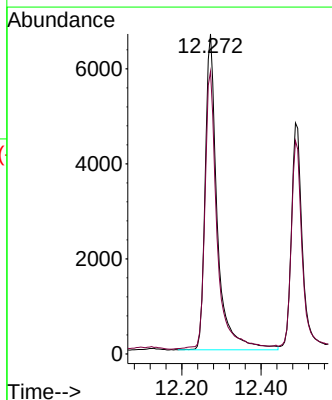
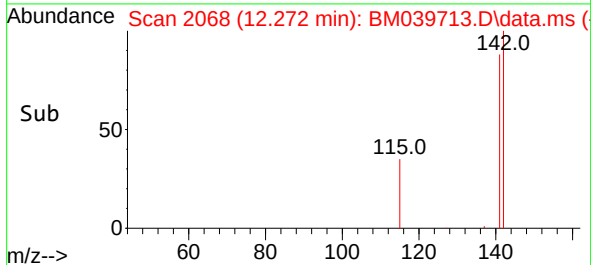
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

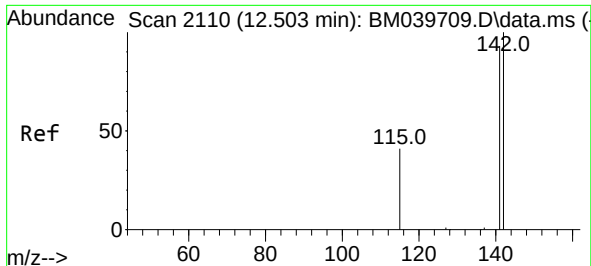


#7
2-Methylnaphthalene
Concen: 0.657 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. -0.016 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36



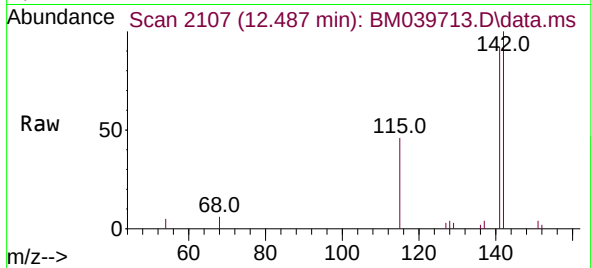
Tgt Ion:142 Resp: 14071
Ion Ratio Lower Upper
142 100
141 88.0 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.487 min Scan# 2110
Delta R.T. -0.011 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36

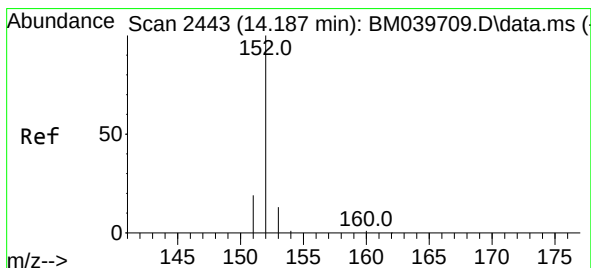
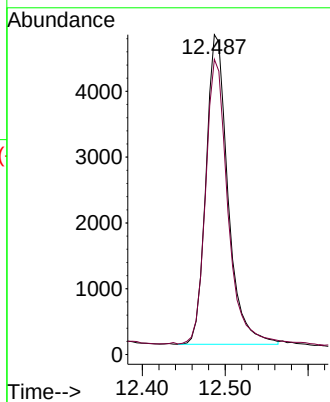
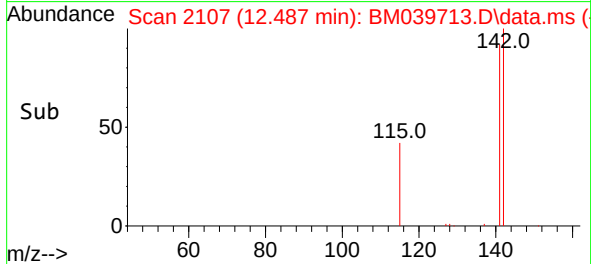
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 8674
Ion Ratio Lower Upper
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141 92.7 73.4 110.2

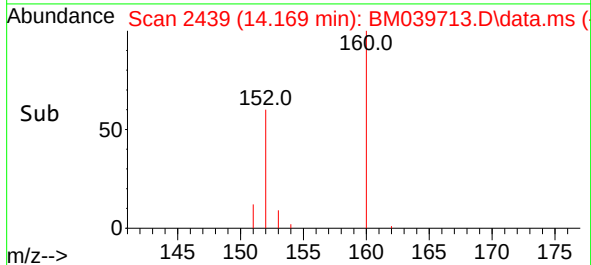
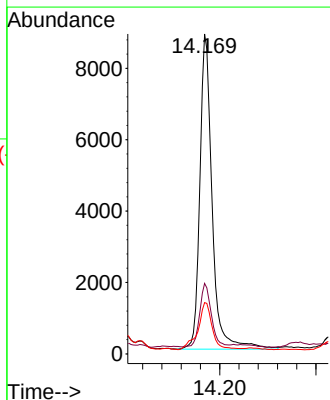
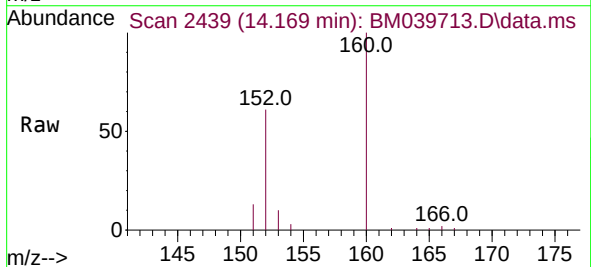
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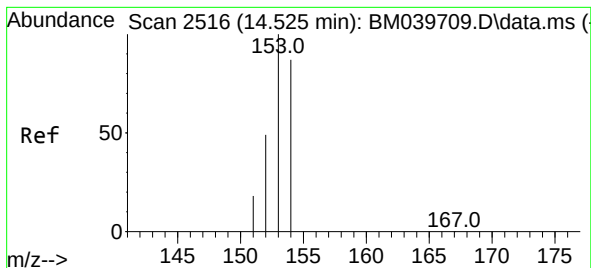
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#10
Acenaphthylene
Concen: 0.468 ng/ul
RT: 14.169 min Scan# 2439
Delta R.T. -0.014 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36

Tgt Ion:152 Resp: 15672
Ion Ratio Lower Upper
152 100
151 22.0 16.0 24.0
153 16.0 11.2 16.8





#11

Acenaphthene

Concen: 0.204 ng/ul

RT: 14.511 min Scan# 21

Delta R.T. -0.009 min

Lab File: BM039713.D

Acq: 27 Apr 2023 19:36

Instrument :

BNA_M

ClientSampleId :

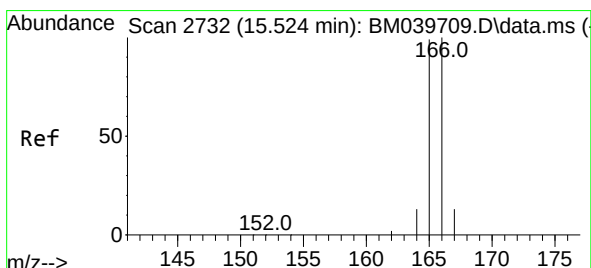
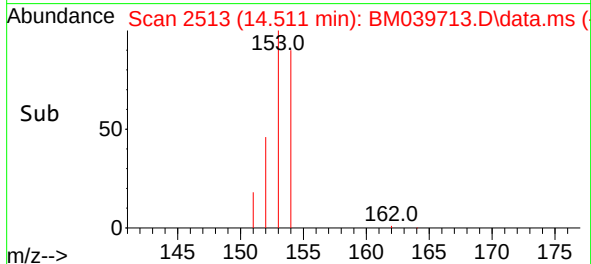
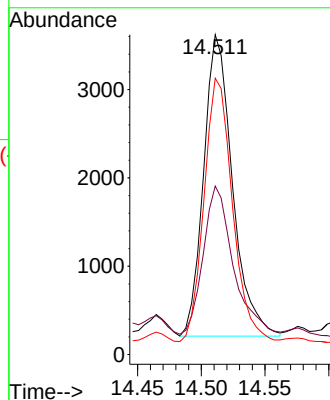
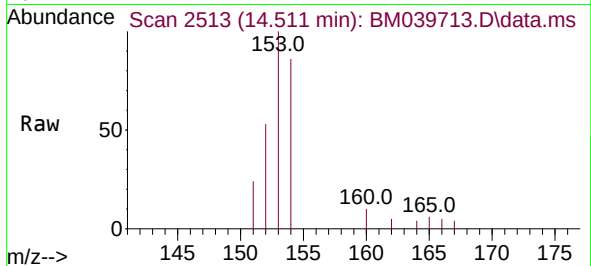
EW8Z7

Tgt Ion:	153	Resp:	536
Ion Ratio	Lower	Upper	
153	100		
152	52.7	40.6	61.0
154	86.4	71.9	107.9

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#12

Fluorene

Concen: 0.271 ng/ul

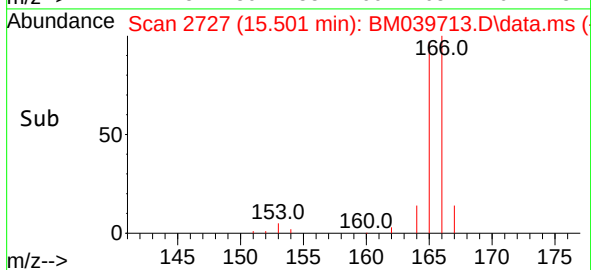
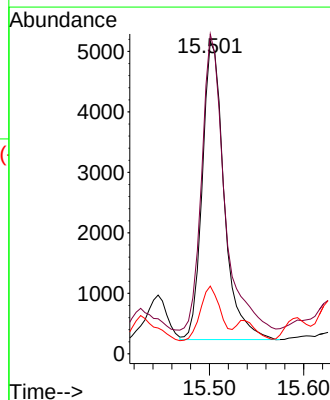
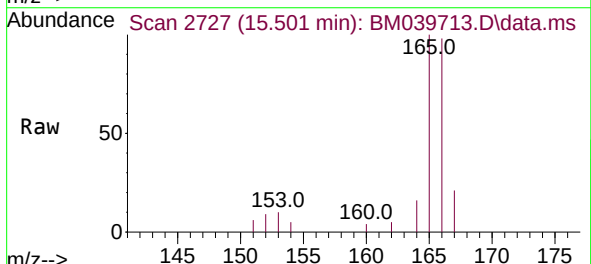
RT: 15.501 min Scan# 2727

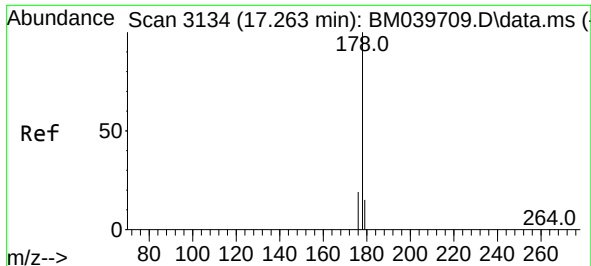
Delta R.T. -0.018 min

Lab File: BM039713.D

Acq: 27 Apr 2023 19:36

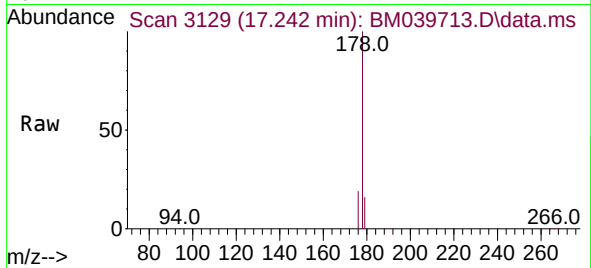
Tgt Ion:	166	Resp:	7911
Ion Ratio	Lower	Upper	
166	100		
165	102.3	79.0	118.6
167	21.7	11.8	17.6





#15
Phenanthrene
Concen: 2.517 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.013 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36

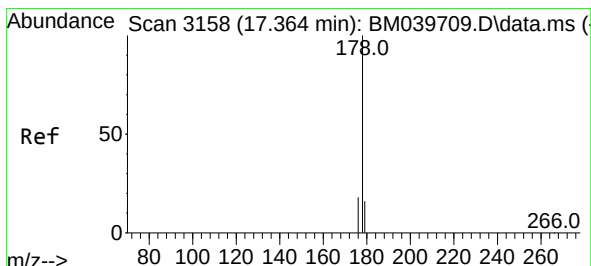
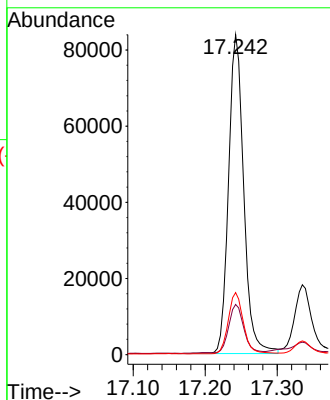
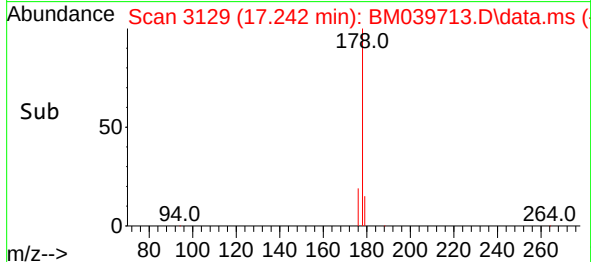
Instrument :
BNA_M
ClientSampleId :
EW8Z7



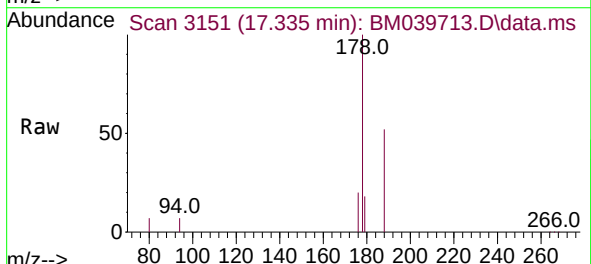
Tgt Ion:178 Resp: 123339
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.4 15.8 23.8

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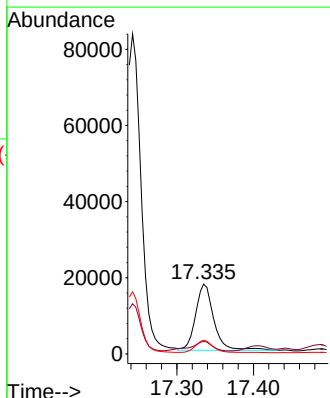
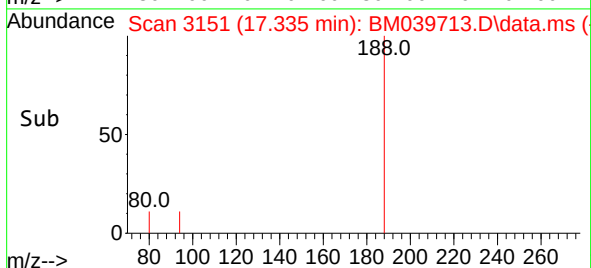
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

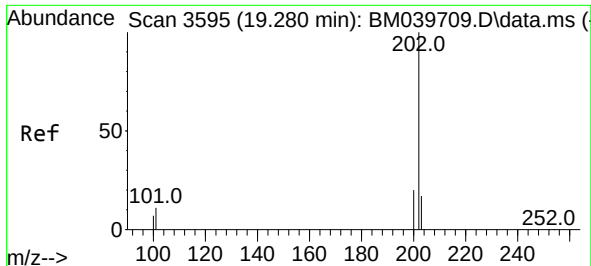


#16
Anthracene
Concen: 0.684 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36



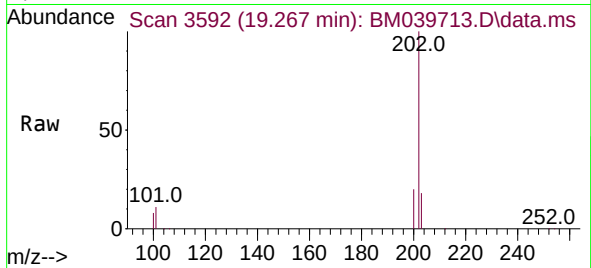
Tgt Ion:178 Resp: 28770
Ion Ratio Lower Upper
178 100
179 17.8 13.8 20.6
176 19.7 15.8 23.8





#19
Fluoranthene
Concen: 6.963 ng/u1
RT: 19.267 min Scan# 3592
Delta R.T. -0.009 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36

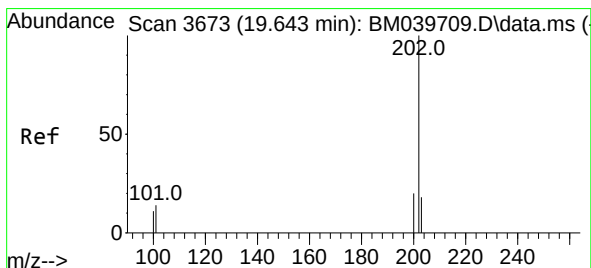
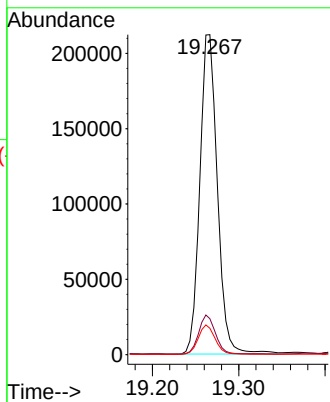
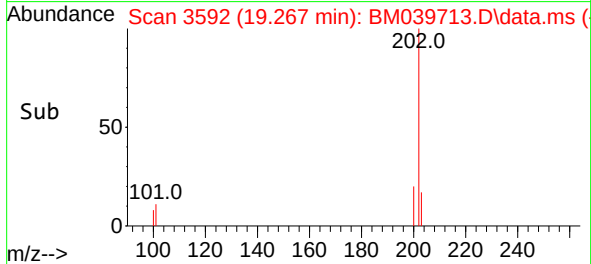
Instrument :
BNA_M
ClientSampleId :
EW8Z7



Tgt Ion:202 Resp: 300500
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.8
100 8.2 7.3 10.9

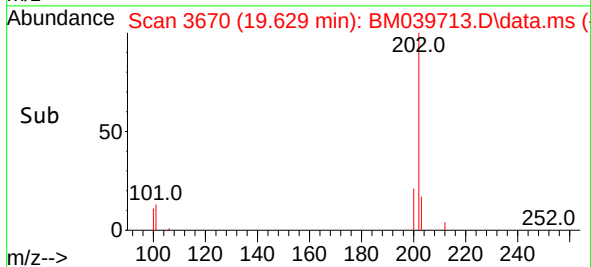
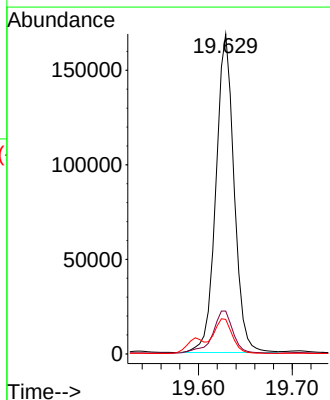
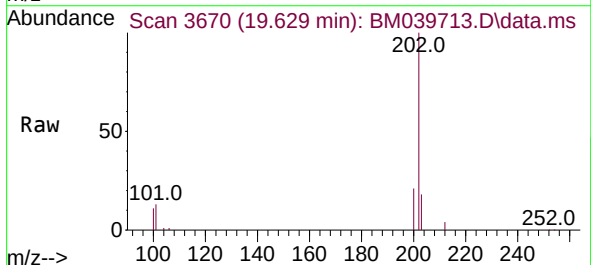
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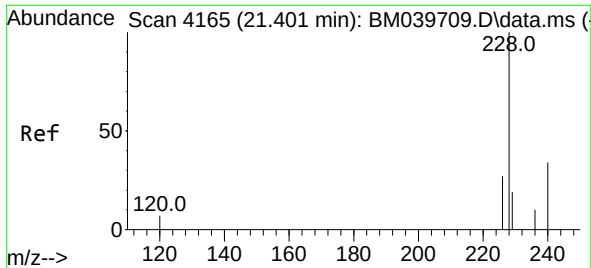
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#20
Pyrene
Concen: 4.865 ng/u1
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36

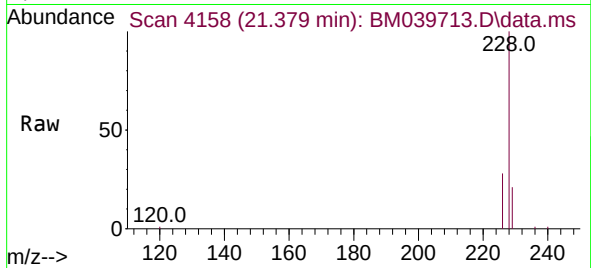
Tgt Ion:202 Resp: 226739
Ion Ratio Lower Upper
202 100
101 13.4 10.9 16.3
100 10.8 8.9 13.3





#21
Benzo(a)anthracene
Concen: 3.702 ng/ul
RT: 21.379 min Scan# 4165
Delta R.T. -0.017 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36

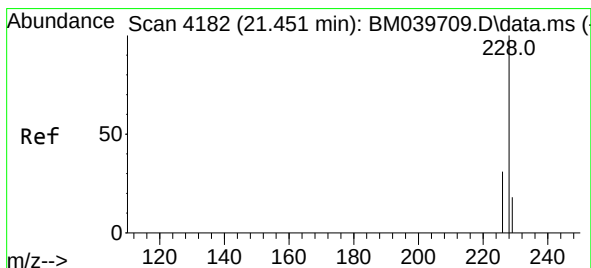
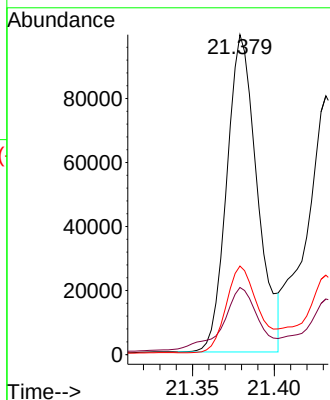
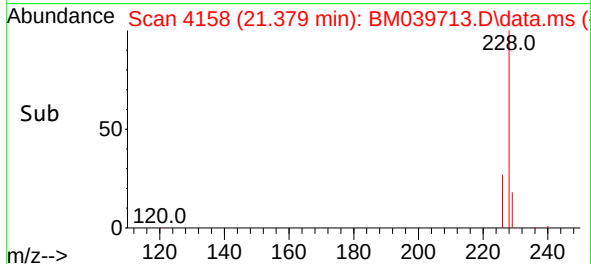
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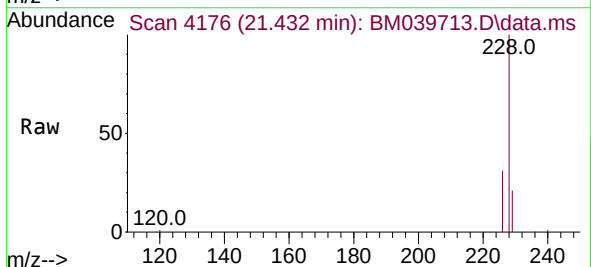
Tgt Ion:228 Resp: 128759
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 27.7 21.6 32.4

Manual Integrations
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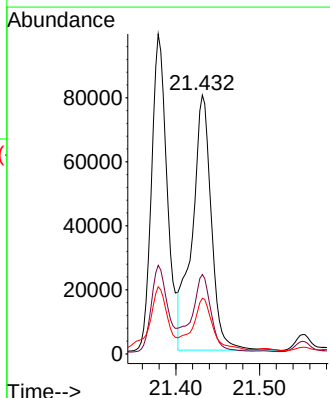
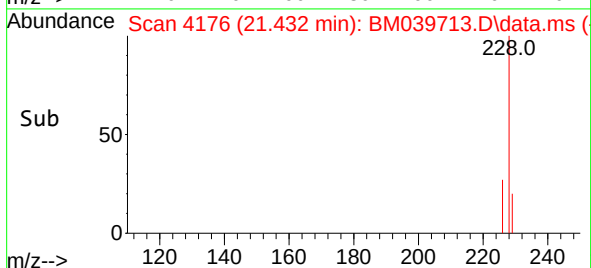
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

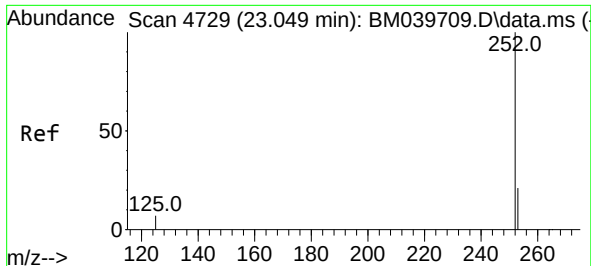


#22
Chrysene
Concen: 3.227 ng/ul
RT: 21.432 min Scan# 4176
Delta R.T. -0.015 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36



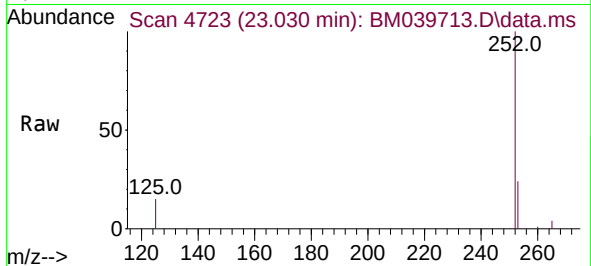
Tgt Ion:228 Resp: 126992
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.5 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 4.038 ng/ul
RT: 23.030 min Scan# 4723
Delta R.T. -0.015 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36

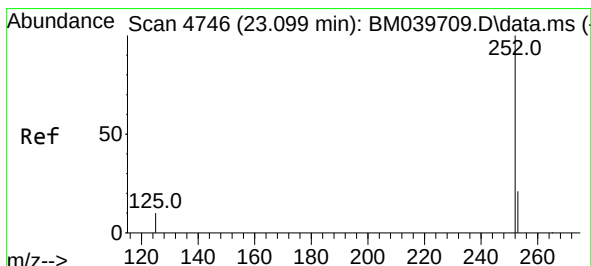
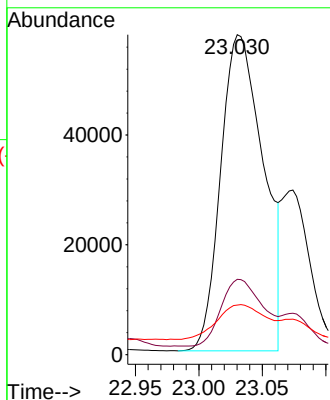
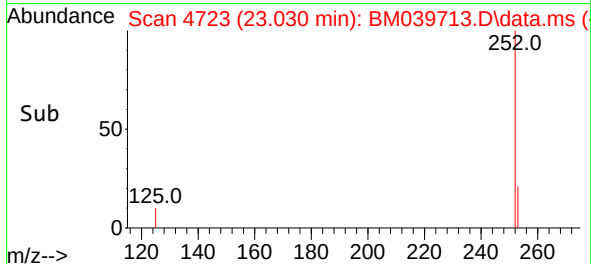
Instrument :
BNA_M
ClientSampleId :
EW8Z7



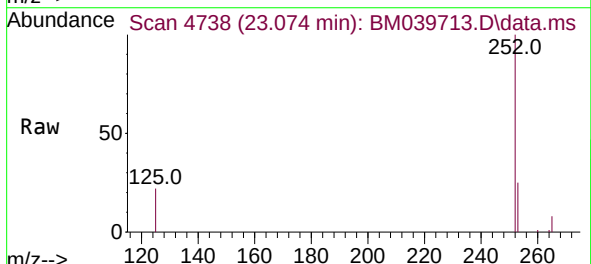
Tgt Ion:252 Resp: 134502
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.8
125 15.5 0.0 31.6

Manual Integrations
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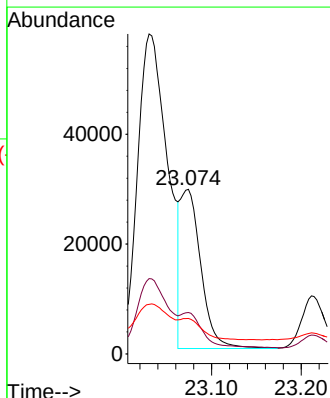
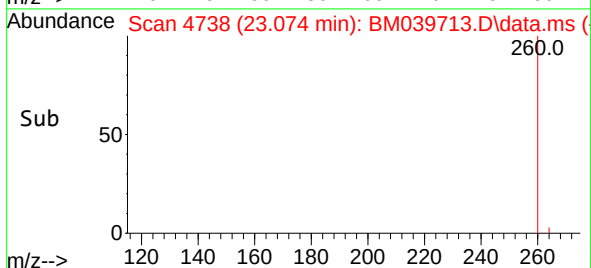
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

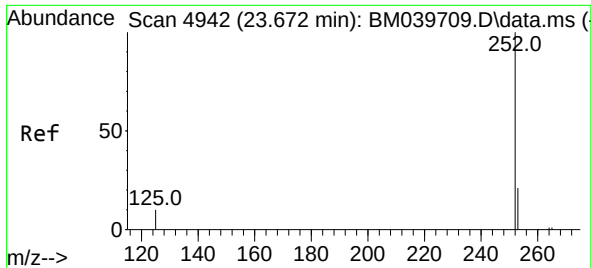


#25
Benzo(k)fluoranthene
Concen: 1.364 ng/ul m
RT: 23.074 min Scan# 4738
Delta R.T. -0.020 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36



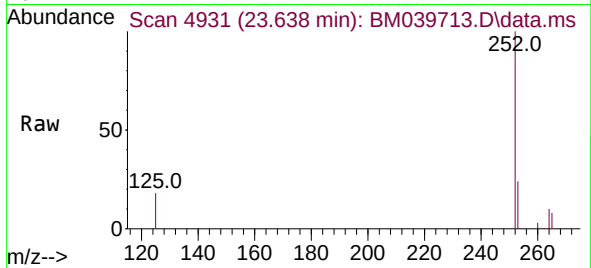
Tgt Ion:252 Resp: 46260
Ion Ratio Lower Upper
252 100
253 25.1 21.3 31.9
125 21.5 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 2.504 ng/ul
RT: 23.638 min Scan# 4942
Delta R.T. -0.026 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36

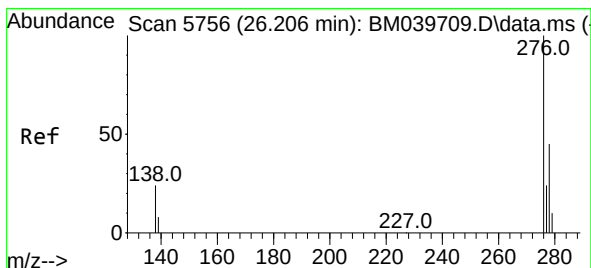
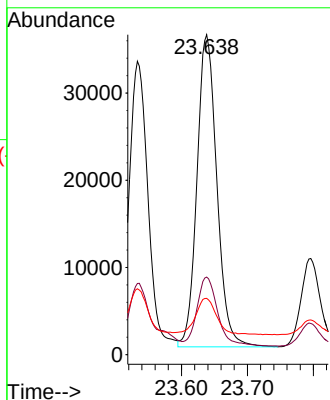
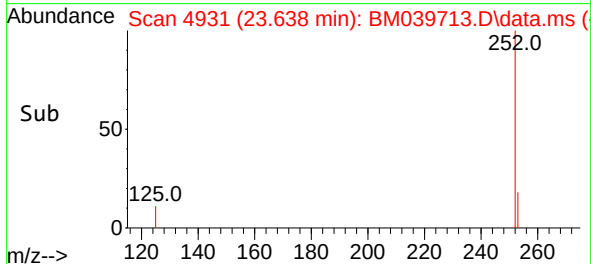
Instrument :
BNA_M
ClientSampleId :
EW8Z7



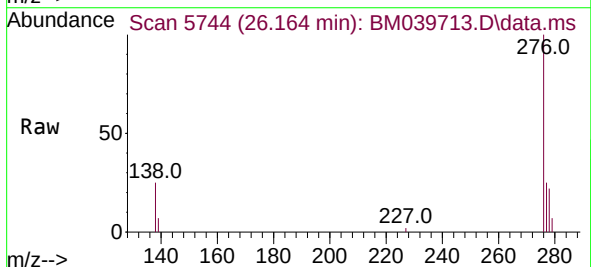
Tgt Ion:252 Resp: 74878
Ion Ratio Lower Upper
252 100
253 24.2 24.7 37.1
125 17.6 16.5 24.7

Manual Integrations
APPROVED

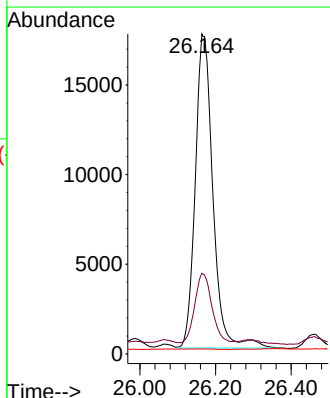
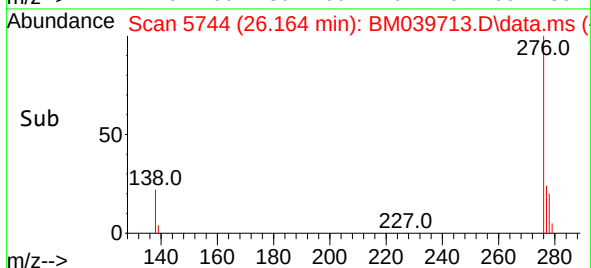
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

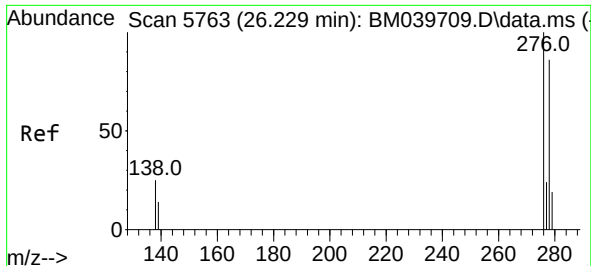


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.500 ng/ul
RT: 26.164 min Scan# 5744
Delta R.T. -0.037 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36



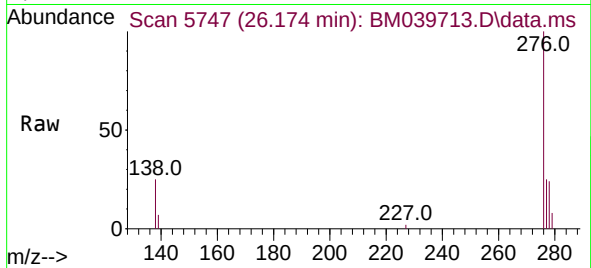
Tgt Ion:276 Resp: 56712
Ion Ratio Lower Upper
276 100
138 21.6 21.1 31.7
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.503 ng/ul
RT: 26.174 min Scan# 51
Delta R.T. -0.044 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36

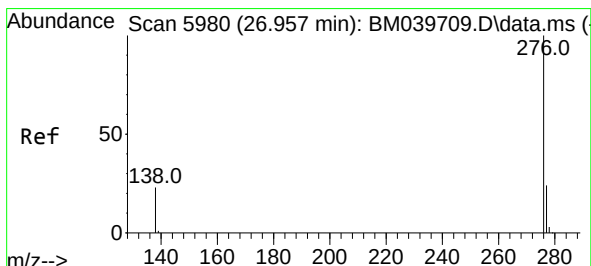
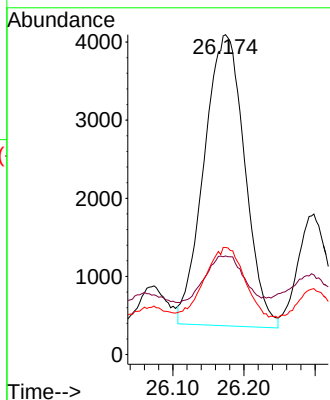
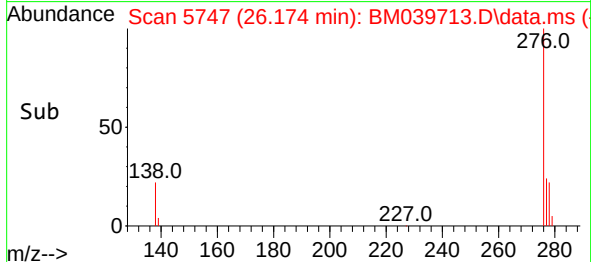
Instrument :
BNA_M
ClientSampleId :
EW8Z7



Tgt Ion:278 Resp: 1475
Ion Ratio Lower Upper
278 100
139 30.8 17.0 25.6
279 33.5 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#29
Benzo(g,h,i)perylene
Concen: 1.533 ng/ul
RT: 26.919 min Scan# 5969
Delta R.T. -0.030 min
Lab File: BM039713.D
Acq: 27 Apr 2023 19:36

Tgt Ion:276 Resp: 50527
Ion Ratio Lower Upper
276 100
138 25.8 20.1 30.1
277 24.8 20.1 30.1

