

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039712.D
 Acq On : 27 Apr 2023 19:00
 Operator : CG/JU
 Sample : 02418-26
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW900

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 02:34:27 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	3764	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.599	136	13949	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.449	164	8120	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.203	188	18189	0.400	ng/ul	-0.01
17) Chrysene-d12	21.397	240	13518	0.400	ng/ul	-0.01
23) Perylene-d12	23.744	264	11066	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	10887	1.963	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	3512	0.196	ng/ul	-0.02
18) Fluoranthene-d10	19.233	212	8674	0.238	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.649	128	19624	0.560	ng/ul	98
7) 2-Methylnaphthalene	12.271	142	7172	0.355	ng/ul	96
8) 1-Methylnaphthalene	12.491	142	6588	0.304	ng/ul	100
10) Acenaphthylene	14.172	152	3535	0.112	ng/ul#	84
11) Acenaphthene	14.510	153	17118	0.693	ng/ul	98
12) Fluorene	15.504	166	27705	1.012	ng/ul	98
15) Phenanthrene	17.241	178	360892	7.531	ng/ul	98
16) Anthracene	17.334	178	70522	1.714	ng/ul	98
19) Fluoranthene	19.265	202	503429	10.439	ng/ul	97
20) Pyrene	19.628	202	371754	7.138	ng/ul	99
21) Benzo(a)anthracene	21.379	228	185113	4.763	ng/ul	99
22) Chrysene	21.432	228	173966	3.955	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	185998	4.786	ng/ul	93
25) Benzo(k)fluoranthene	23.074	252	70657m	1.786	ng/ul	
26) Benzo(a)pyrene	23.639	252	110048	3.154	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.168	276	72953	1.654	ng/ul	91
28) Dibenzo(a,h)anthracene	26.178	278	16947	0.495	ng/ul	98
29) Benzo(g,h,i)perylene	26.912	276	56907	1.480	ng/ul	98

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

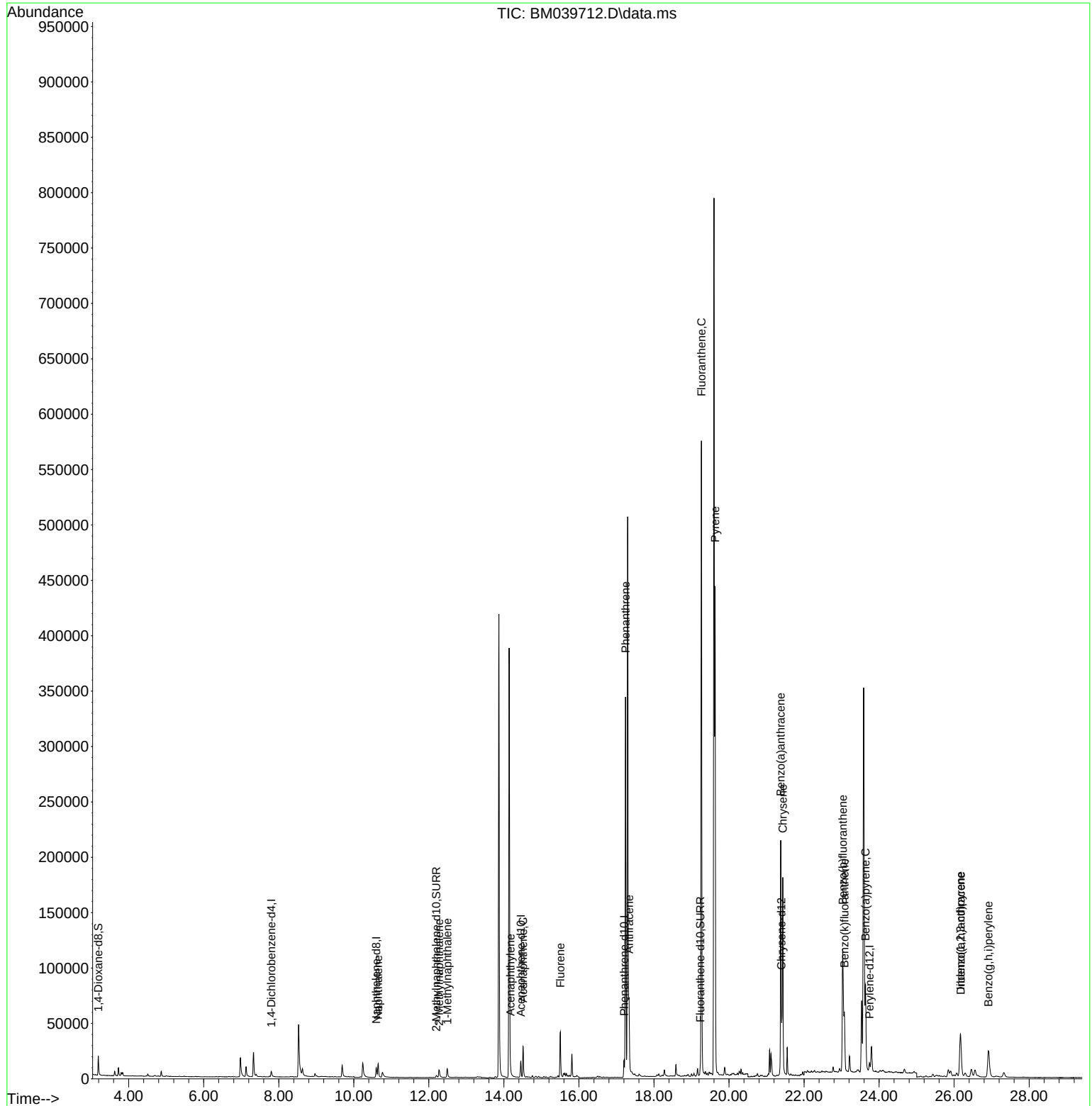
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039712.D
Acq On : 27 Apr 2023 19:00
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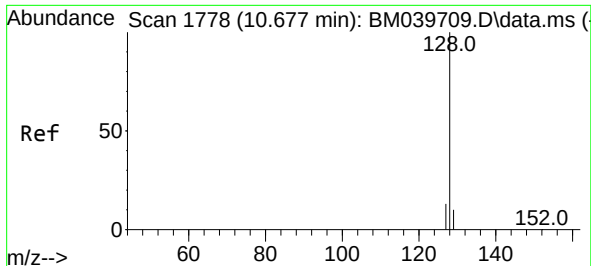
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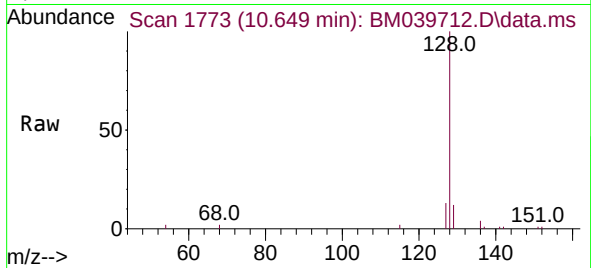
Quant Time: Apr 28 02:34:27 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
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#5
Naphthalene
Concen: 0.560 ng/ul
RT: 10.649 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

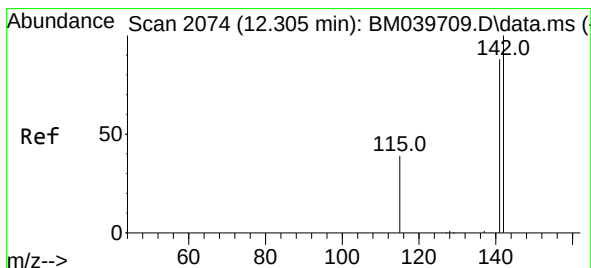
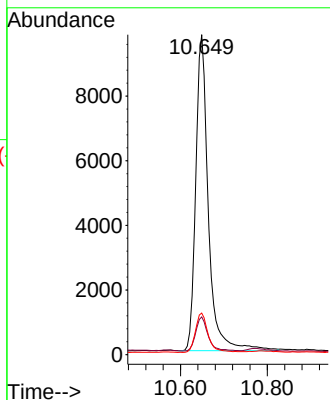
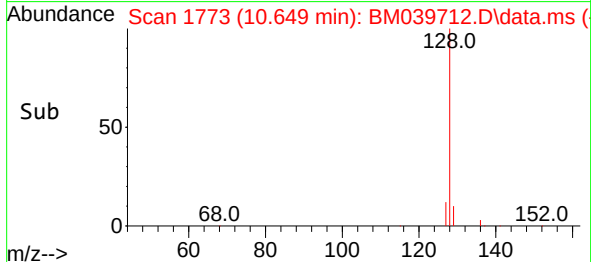
Instrument :
BNA_M
ClientSampleId :
EW900



Tgt Ion:128 Resp: 19624
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.6
127 13.0 11.1 16.7

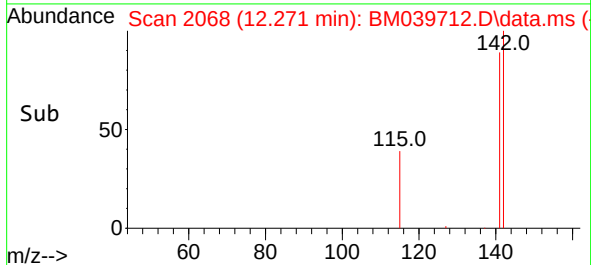
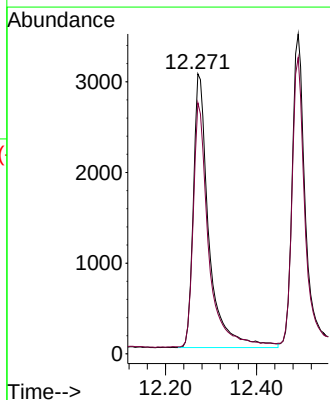
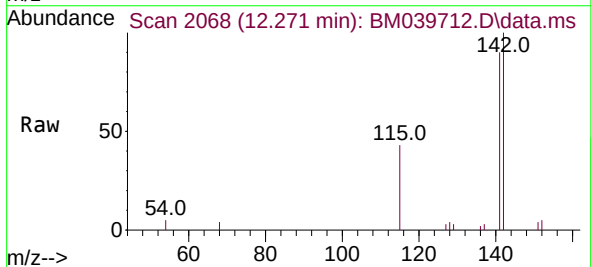
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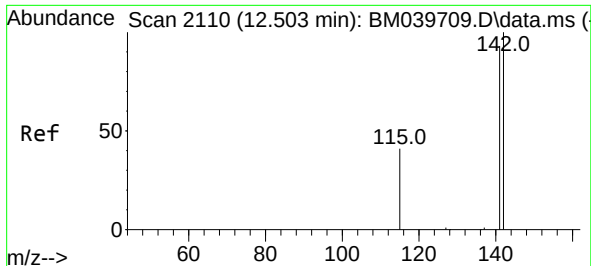
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.271 min Scan# 2068
Delta R.T. -0.018 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

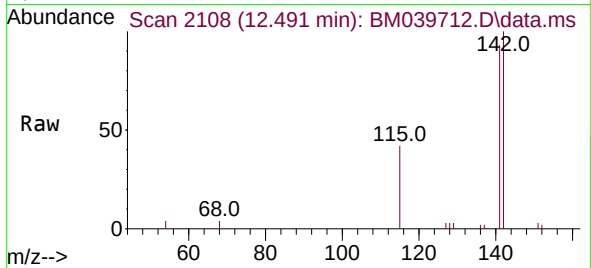
Tgt Ion:142 Resp: 7172
Ion Ratio Lower Upper
142 100
141 87.8 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.491 min Scan# 2110
Delta R.T. -0.007 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

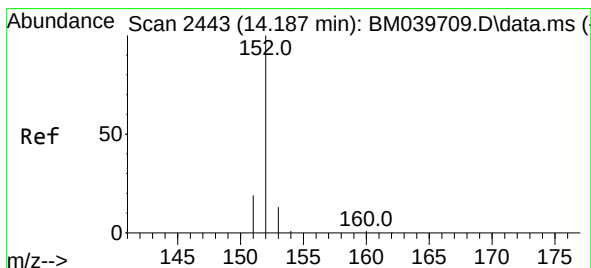
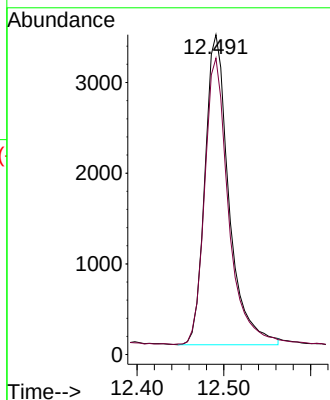
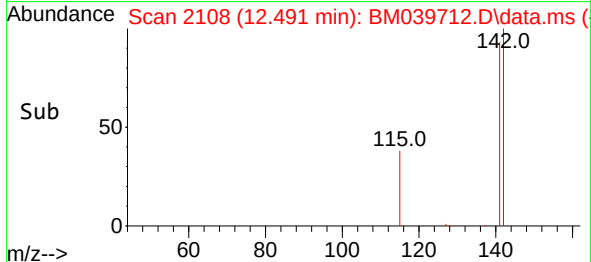
Instrument :
BNA_M
ClientSampleId :
EW900



Tgt Ion:142 Resp: 6588
Ion Ratio Lower Upper
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141 91.6 73.4 110.2

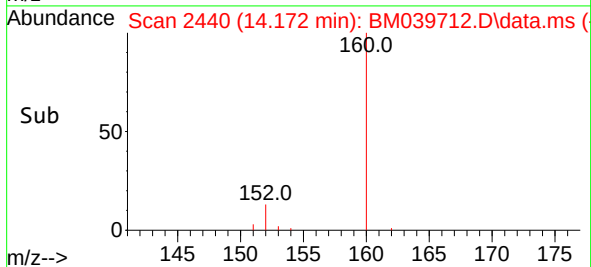
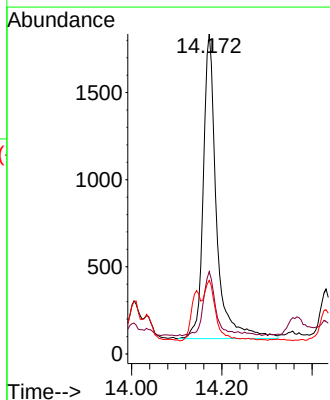
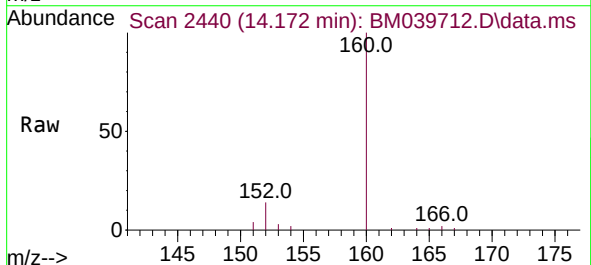
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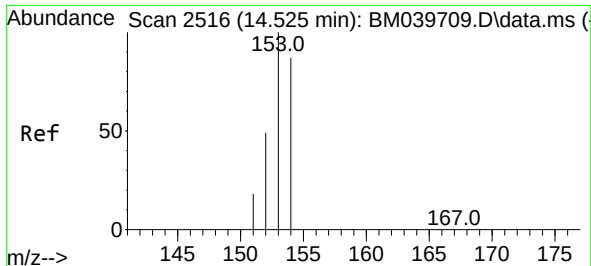
Reviewed By :Christian Giraldo 04/28/2023
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#10
Acenaphthylene
Concen: 0.112 ng/ul
RT: 14.172 min Scan# 2440
Delta R.T. -0.011 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

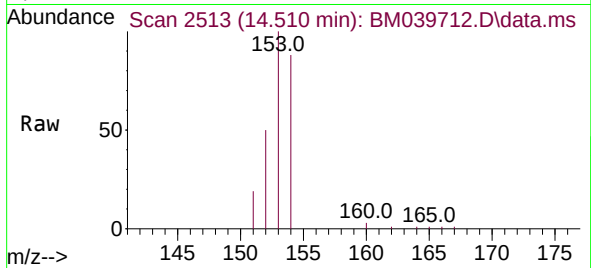
Tgt Ion:152 Resp: 3535
Ion Ratio Lower Upper
152 100
151 25.7 16.0 24.0#
153 23.0 11.2 16.8#





#11
Acenaphthene
Concen: 0.693 ng/ul
RT: 14.510 min Scan# 2513
Delta R.T. -0.011 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

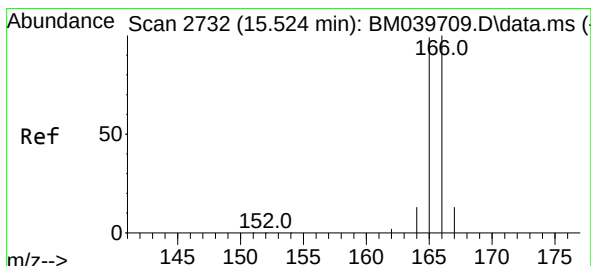
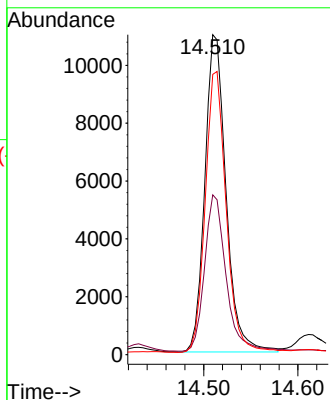
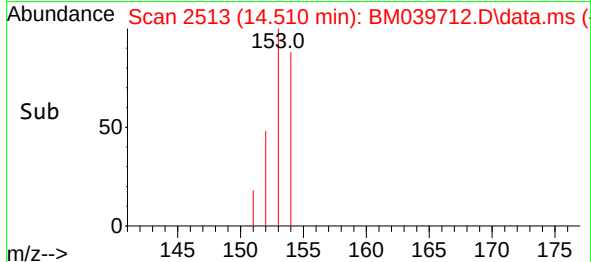
Instrument :
BNA_M
ClientSampleId :
EW900



Tgt Ion:153 Resp: 17118
Ion Ratio Lower Upper
153 100
152 49.9 40.6 61.0
154 87.6 71.9 107.9

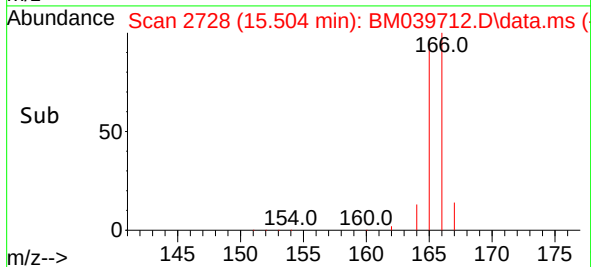
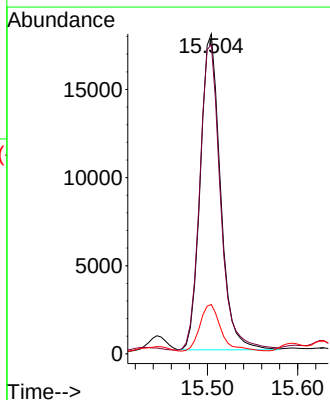
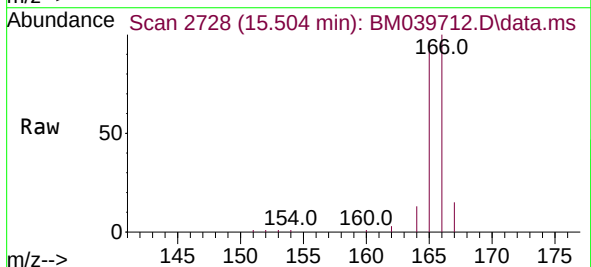
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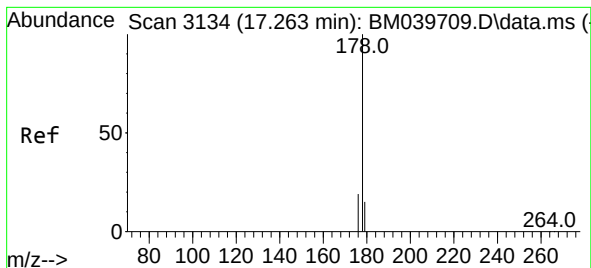
Reviewed By :Christian Giraldo 04/28/2023
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#12
Fluorene
Concen: 1.012 ng/ul
RT: 15.504 min Scan# 2728
Delta R.T. -0.015 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Tgt Ion:166 Resp: 27705
Ion Ratio Lower Upper
166 100
165 96.7 79.0 118.6
167 15.4 11.8 17.6





#15

Phenanthrene

Concen: 7.531 ng/ul

RT: 17.241 min Scan# 31

Delta R.T. -0.014 min

Lab File: BM039712.D

Acq: 27 Apr 2023 19:00

Instrument :

BNA_M

ClientSampleId :

EW900

Tgt Ion:178 Resp: 360892

Ion Ratio Lower Upper

178 100

179 15.3 13.0 19.6

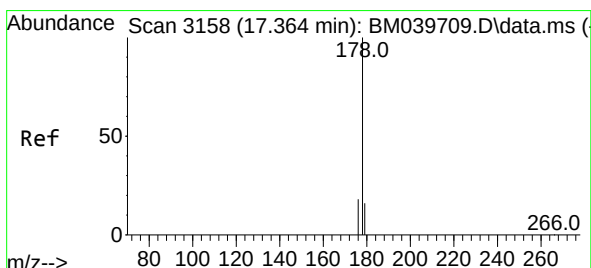
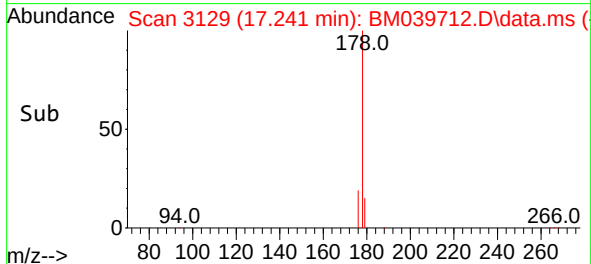
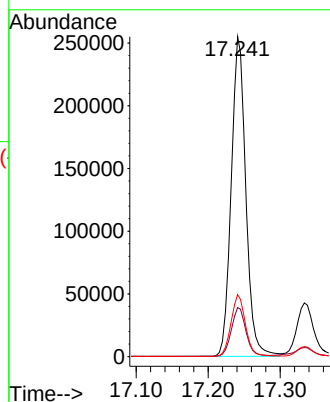
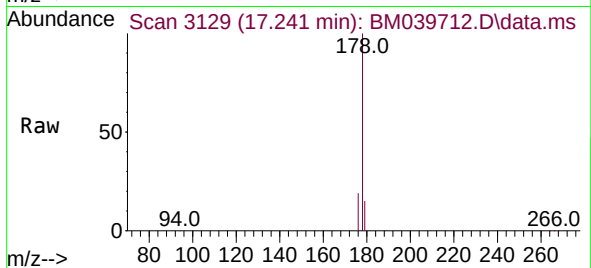
176 19.4 15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#16

Anthracene

Concen: 1.714 ng/ul

RT: 17.334 min Scan# 3151

Delta R.T. -0.022 min

Lab File: BM039712.D

Acq: 27 Apr 2023 19:00

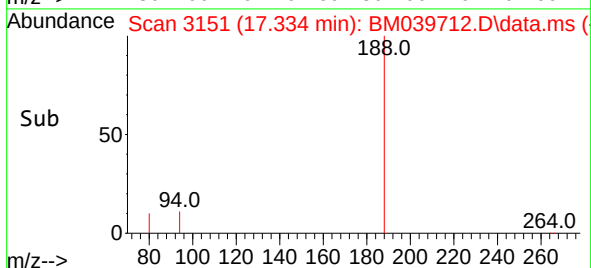
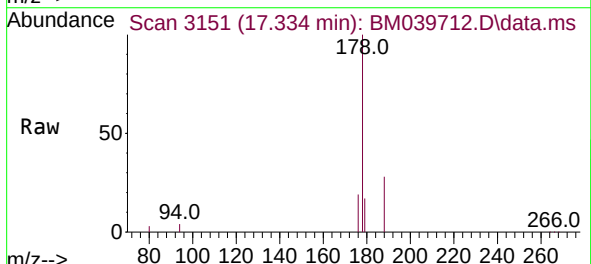
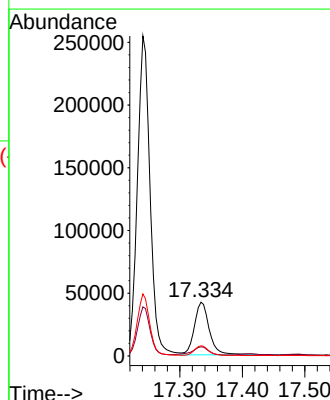
Tgt Ion:178 Resp: 70522

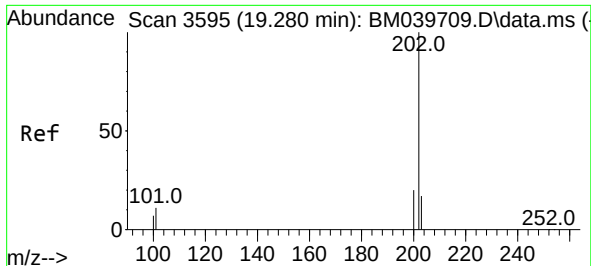
Ion Ratio Lower Upper

178 100

179 16.8 13.8 20.6

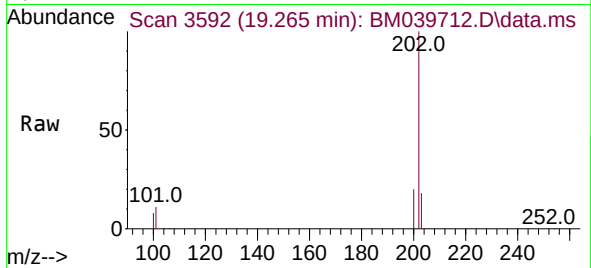
176 18.7 15.8 23.8





#19
Fluoranthene
Concen: 10.439 ng/ul
RT: 19.265 min Scan# 3592
Delta R.T. -0.011 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

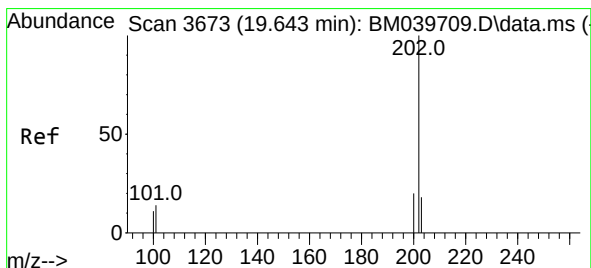
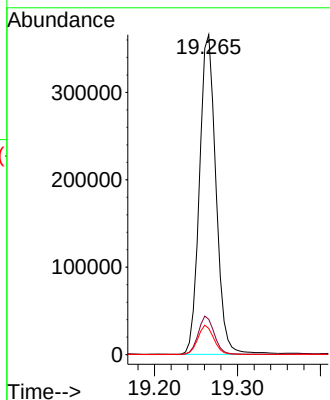
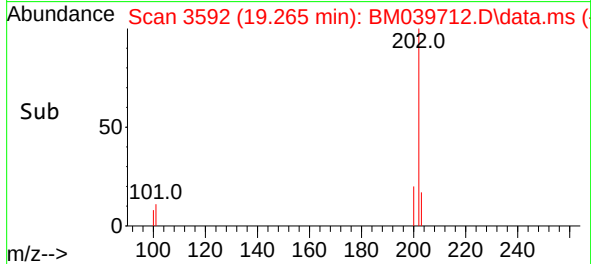
Instrument :
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EW900



Tgt Ion:202 Resp: 503429
Ion Ratio Lower Upper
202 100
101 11.0 9.8 14.8
100 8.2 7.3 10.9

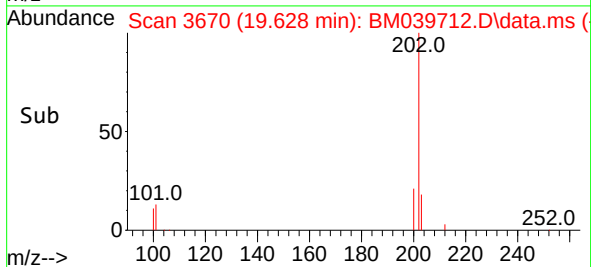
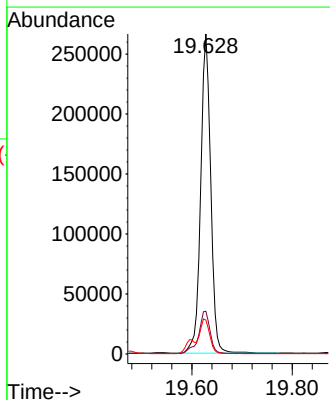
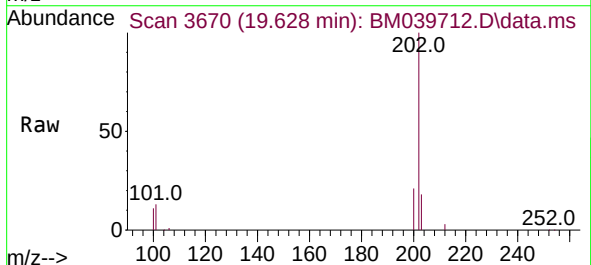
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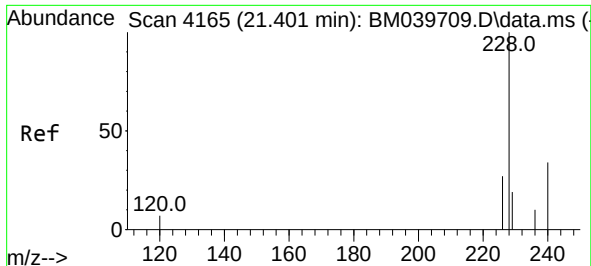
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#20
Pyrene
Concen: 7.138 ng/ul
RT: 19.628 min Scan# 3670
Delta R.T. -0.015 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

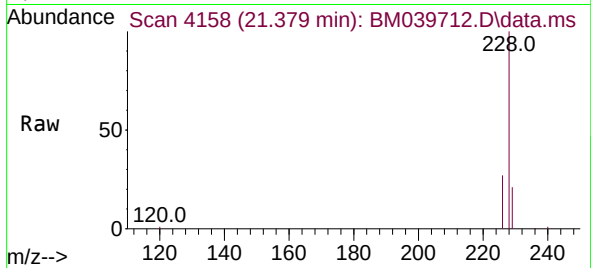
Tgt Ion:202 Resp: 371754
Ion Ratio Lower Upper
202 100
101 13.3 10.9 16.3
100 10.6 8.9 13.3





#21
Benzo(a)anthracene
Concen: 4.763 ng/ul
RT: 21.379 min Scan# 4165
Delta R.T. -0.017 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

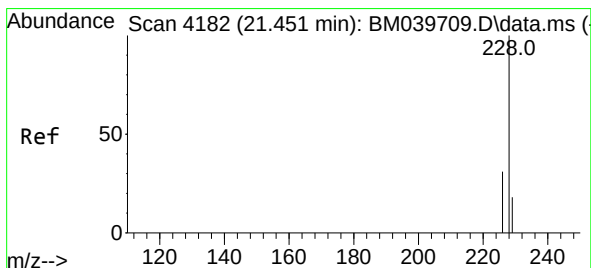
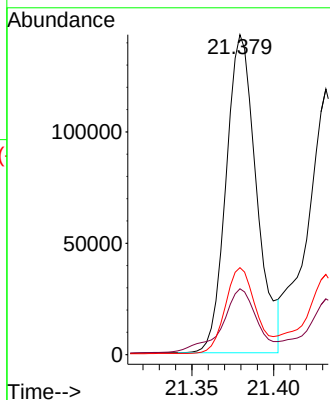
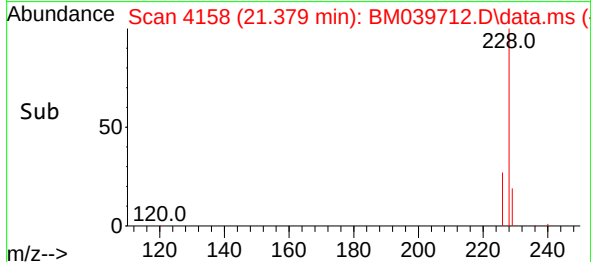
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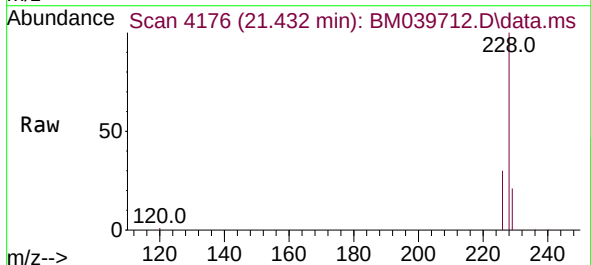
Tgt Ion:228 Resp: 185113
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 27.2 21.6 32.4

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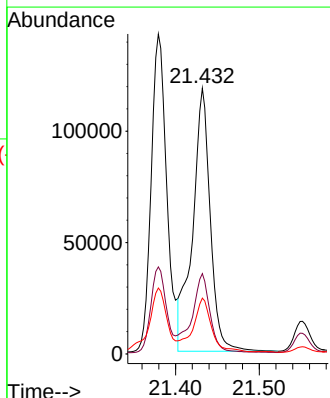
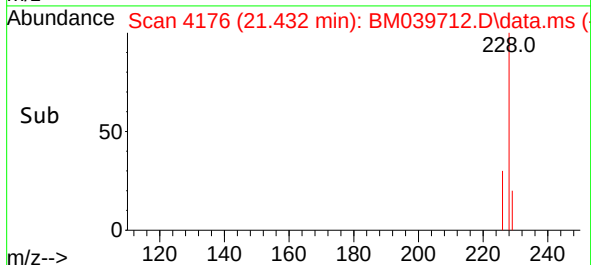
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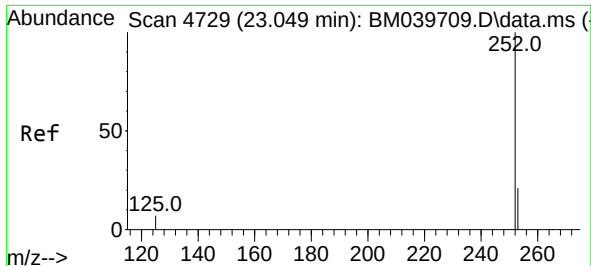


#22
Chrysene
Concen: 3.955 ng/ul
RT: 21.432 min Scan# 4176
Delta R.T. -0.014 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00



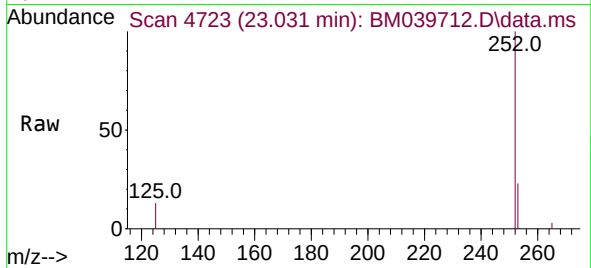
Tgt Ion:228 Resp: 173966
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 21.0 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 4.786 ng/ul
RT: 23.031 min Scan# 4723
Delta R.T. -0.014 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

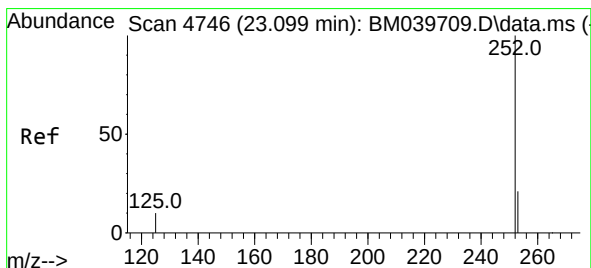
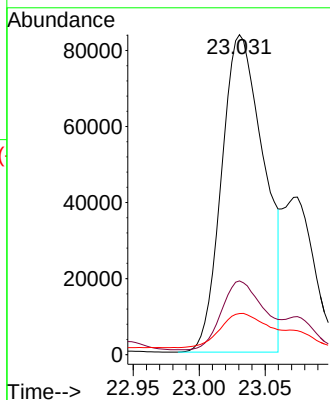
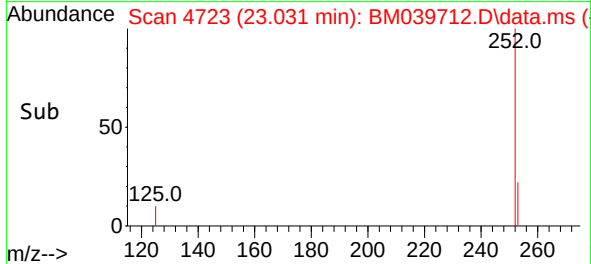
Instrument :
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ClientSampleId :
EW900



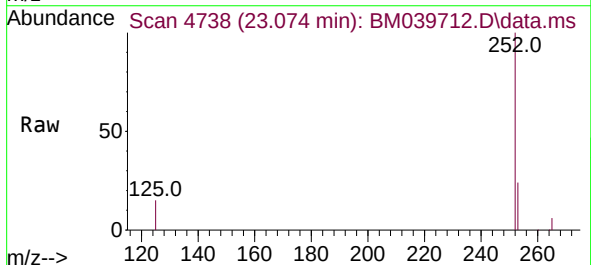
Tgt Ion:252 Resp: 185998
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 12.9 0.0 31.6

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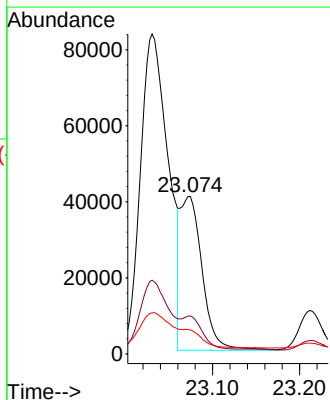
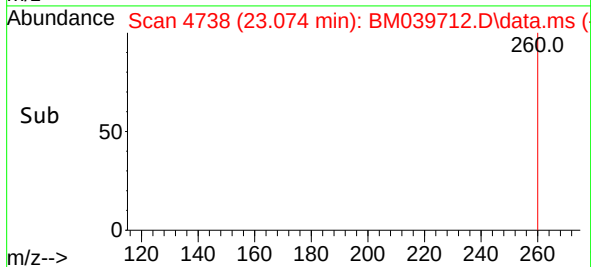
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

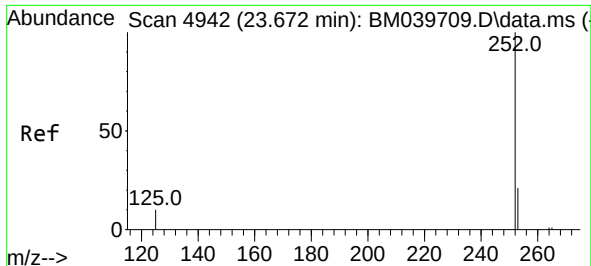


#25
Benzo(k)fluoranthene
Concen: 1.786 ng/ul m
RT: 23.074 min Scan# 4738
Delta R.T. -0.020 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00



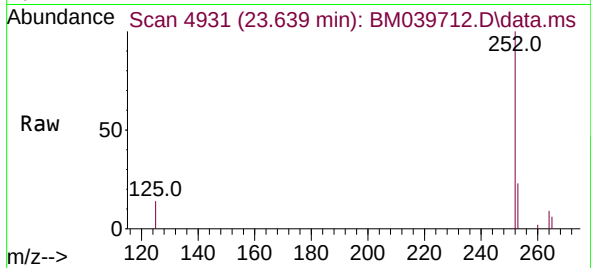
Tgt Ion:252 Resp: 70657
Ion Ratio Lower Upper
252 100
253 24.2 21.3 31.9
125 15.2 13.0 19.6





#26
Benzo(a)pyrene
Concen: 3.154 ng/ul
RT: 23.639 min Scan# 4942
Delta R.T. -0.026 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

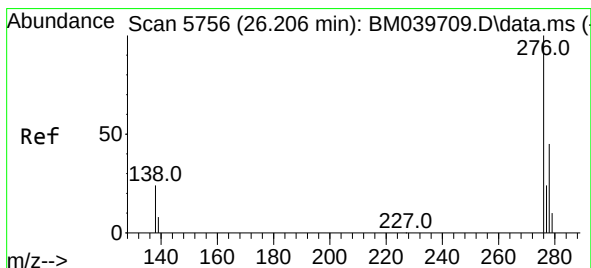
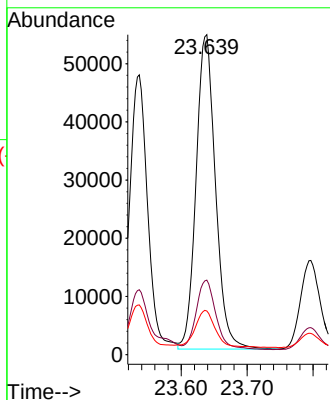
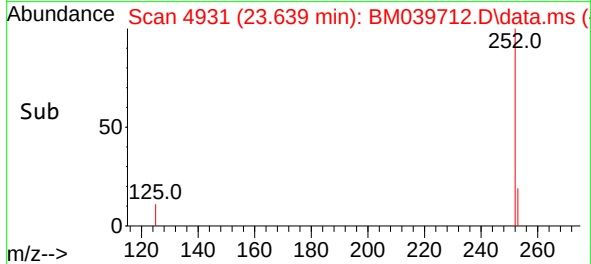
Instrument :
BNA_M
ClientSampleId :
EW900



Tgt Ion:252 Resp: 110048
Ion Ratio Lower Upper
252 100
253 23.3 24.7 37.1
125 13.6 16.5 24.7

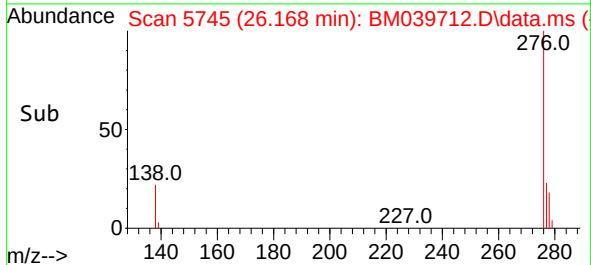
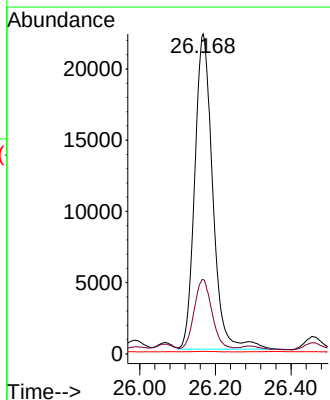
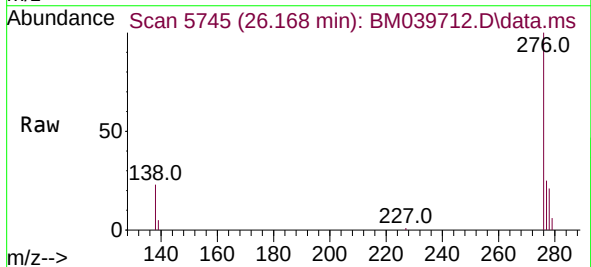
Manual Integrations
APPROVED

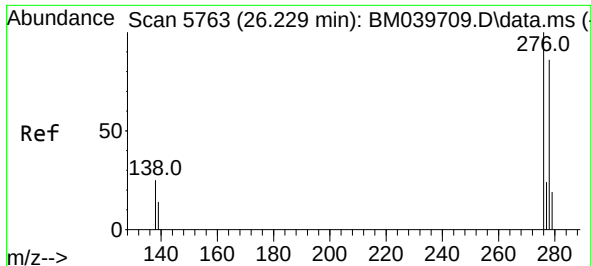
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.654 ng/ul
RT: 26.168 min Scan# 5745
Delta R.T. -0.033 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

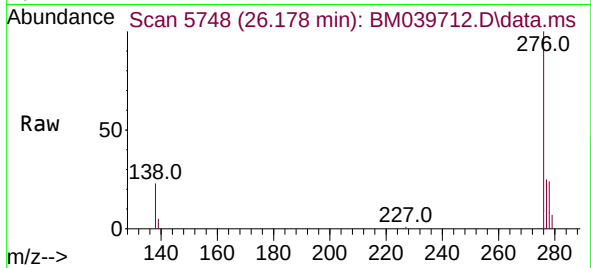
Tgt Ion:276 Resp: 72953
Ion Ratio Lower Upper
276 100
138 21.7 21.1 31.7
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.495 ng/ul
RT: 26.178 min Scan# 51
Delta R.T. -0.040 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

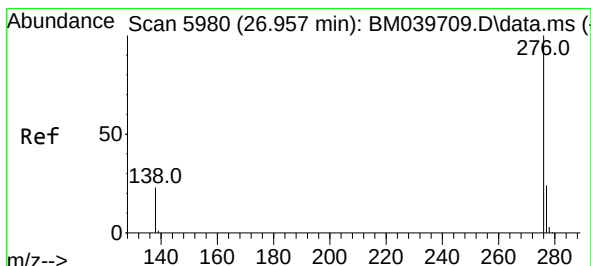
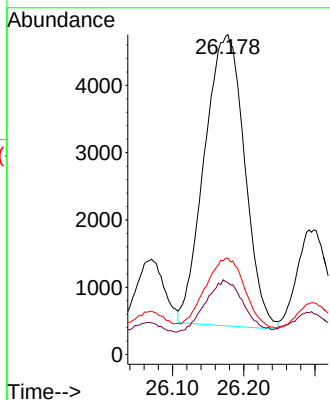
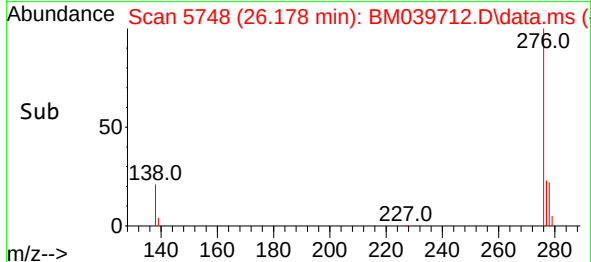
Instrument :
BNA_M
ClientSampleId :
EW900



Tgt Ion:278 Resp: 1694
Ion Ratio Lower Upper
278 100
139 22.5 17.0 25.6
279 30.1 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: 1.480 ng/ul
RT: 26.912 min Scan# 5967
Delta R.T. -0.036 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Tgt Ion:276 Resp: 56907
Ion Ratio Lower Upper
276 100
138 24.0 20.1 30.1
277 24.6 20.1 30.1

