

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
 Data File : BM039868.D
 Acq On : 08 May 2023 14:01
 Operator : CG/JU
 Sample : 02479-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW973

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/09/2023
 Supervised By : Jagrut Upadhyay 05/09/2023

Quant Time: May 09 01:51:39 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 : Mon May 08 14:35:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.779	152	3631	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.578	136	13140	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.432	164	7226	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	14347	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.392	240	6315	0.400	ng/ul	# 0.00
23) Perylene-d12	23.736	264	6912	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	12797	2.391	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	3763	0.223	ng/ul	-0.02
18) Fluoranthene-d10	19.225	212	5560	0.327	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.628	128	6656	0.202	ng/ul	97
7) 2-Methylnaphthalene	12.256	142	5248	0.276	ng/ul	99
8) 1-Methylnaphthalene	12.470	142	3643	0.178	ng/ul	99
10) Acenaphthylene	14.155	152	8576	0.307	ng/ul#	90
11) Acenaphthene	14.497	153	3190	0.145	ng/ul	100
12) Fluorene	15.487	166	4692	0.193	ng/ul#	95
15) Phenanthrene	17.229	178	88906	2.352	ng/ul	99
16) Anthracene	17.322	178	21534	0.663	ng/ul	99
19) Fluoranthene	19.257	202	196931	8.741	ng/ul	97
20) Pyrene	19.620	202	164077	6.744	ng/ul	99
21) Benzo(a)anthracene	21.375	228	99568	5.484	ng/ul	98
22) Chrysene	21.427	228	97296	4.735	ng/ul	97
24) Benzo(b)fluoranthene	23.026	252	136165	5.609	ng/ul	96
25) Benzo(k)fluoranthene	23.064	252	48972m	1.981	ng/ul	
26) Benzo(a)pyrene	23.634	252	91558	4.201	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.162	276	79405	2.881	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.169	278	20761	0.971	ng/ul#	89
29) Benzo(g,h,i)perylene	26.917	276	86698	3.610	ng/ul	99

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

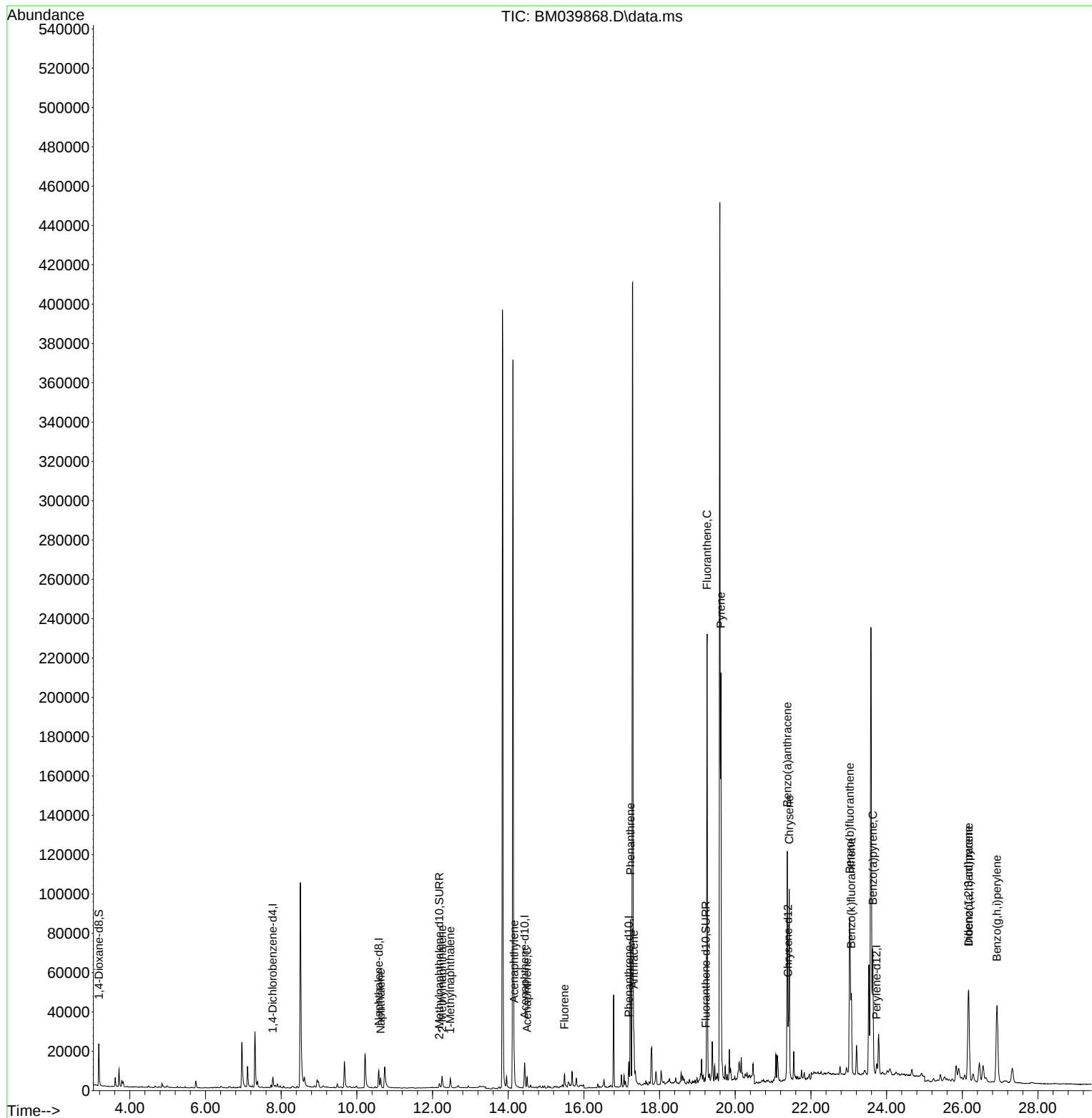
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
Data File : BM039868.D
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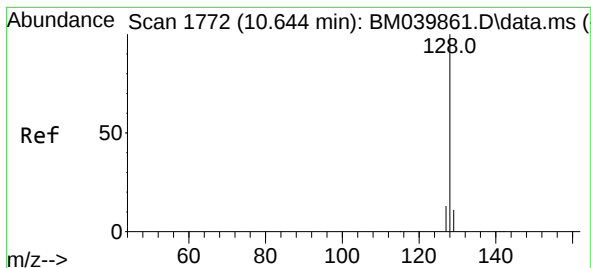
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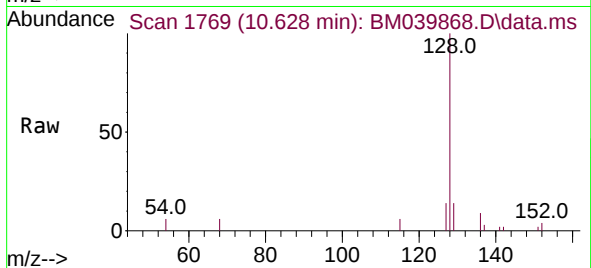
Quant Time: May 09 01:51:39 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 14:35:49 2023
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#5
Naphthalene
Concen: 0.202 ng/ul
RT: 10.628 min Scan# 1769
Delta R.T. -0.016 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01

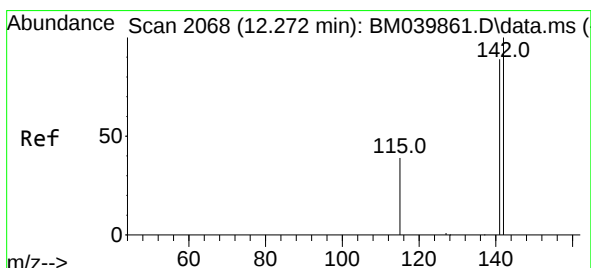
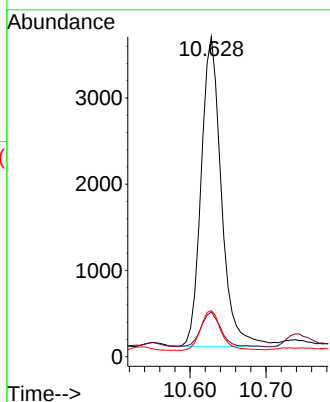
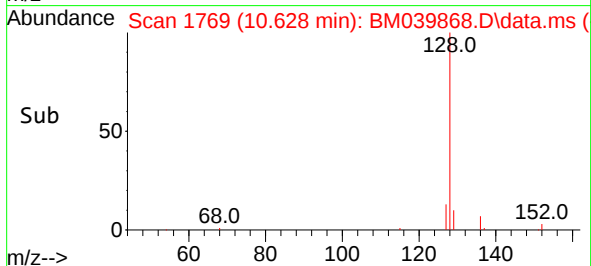
Instrument :
BNA_M
ClientSampleId :
EW973



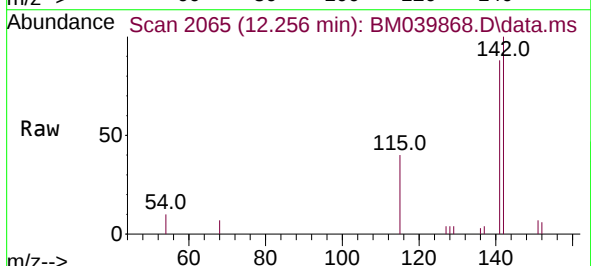
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Ion Ratio Lower Upper
128 100
129 14.0 9.8 14.6
127 14.4 11.1 16.7

Manual Integrations
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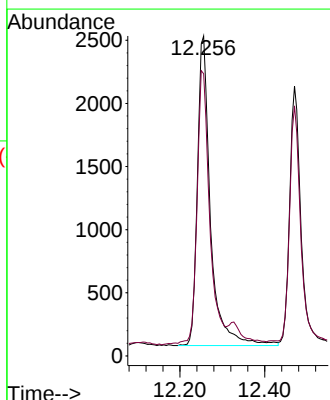
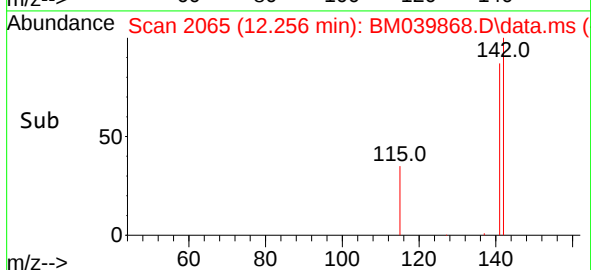
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

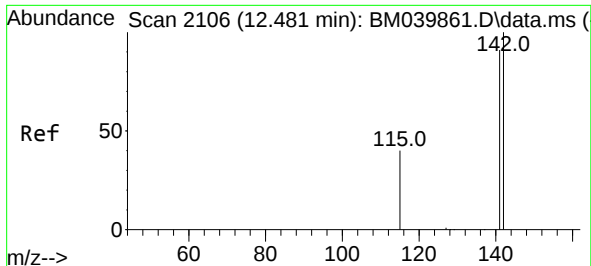


#7
2-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.256 min Scan# 2065
Delta R.T. -0.016 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01



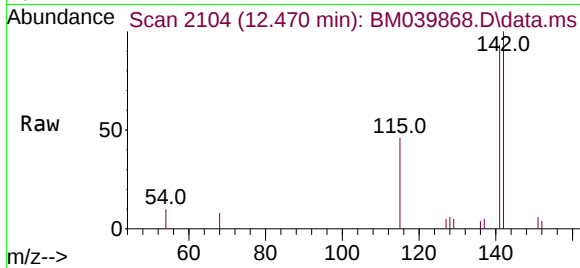
Tgt Ion:142 Resp: 5248
Ion Ratio Lower Upper
142 100
141 92.8 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.178 ng/ul
RT: 12.470 min Scan# 2104
Delta R.T. -0.011 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01

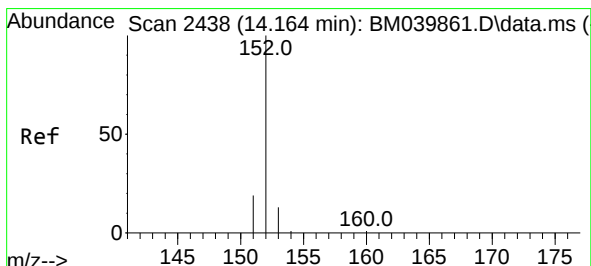
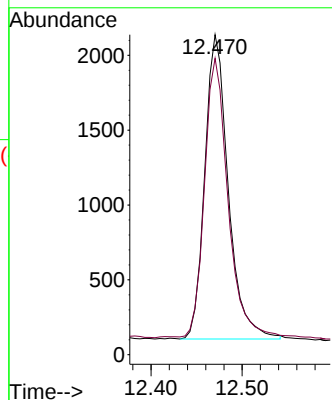
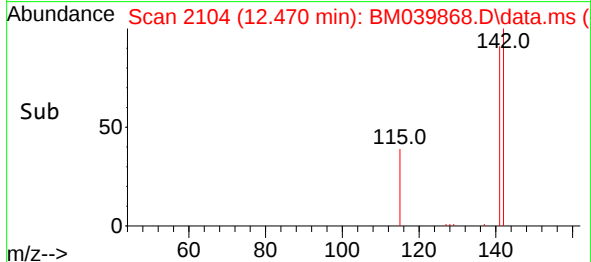
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Tgt Ion:142 Resp: 364
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.2

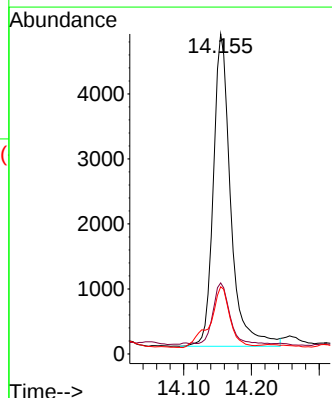
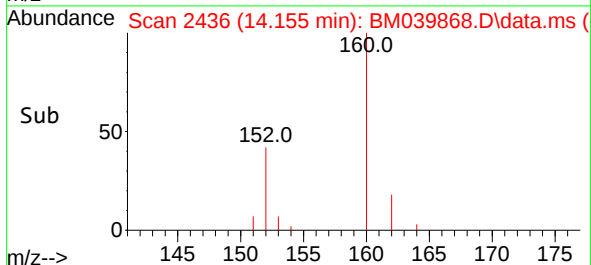
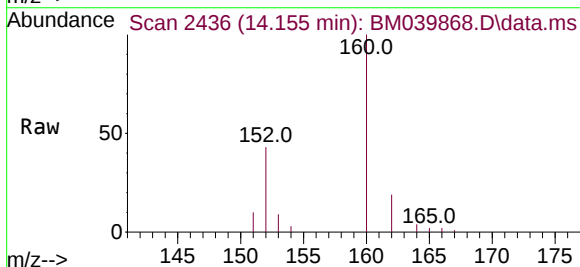
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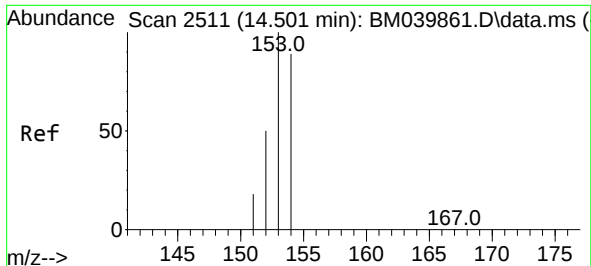
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#10
Acenaphthylene
Concen: 0.307 ng/ul
RT: 14.155 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01

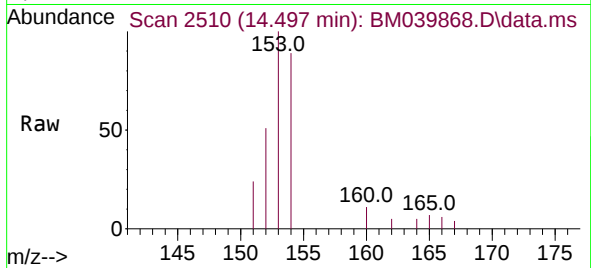
Tgt Ion:152 Resp: 8576
Ion Ratio Lower Upper
152 100
151 22.2 16.0 24.0
153 21.0 11.2 16.8#





#11
Acenaphthene
Concen: 0.145 ng/ul
RT: 14.497 min Scan# 2510
Delta R.T. -0.005 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01

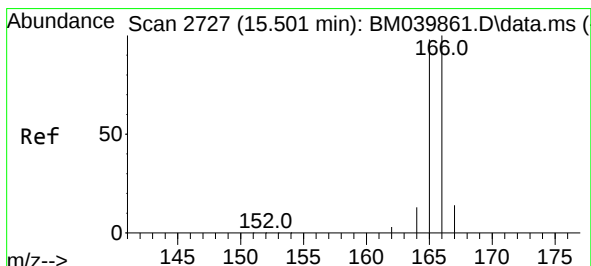
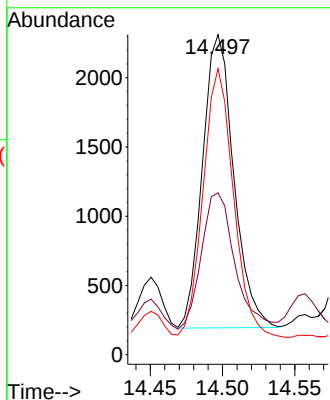
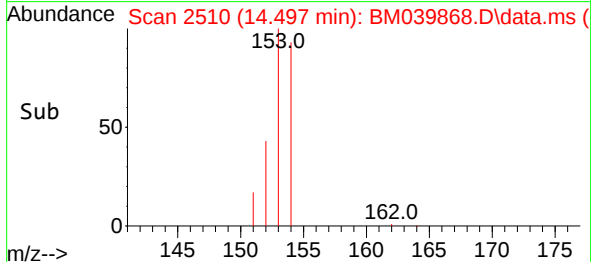
Instrument :
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Tgt Ion:153 Resp: 3190
Ion Ratio Lower Upper
153 100
152 50.6 40.6 61.0
154 89.4 71.9 107.9

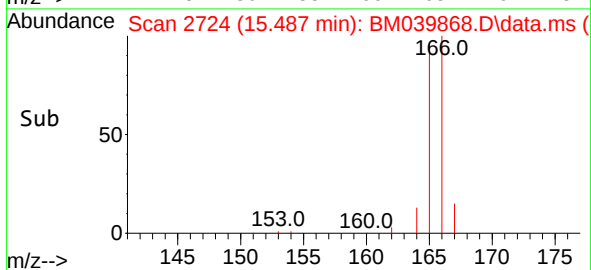
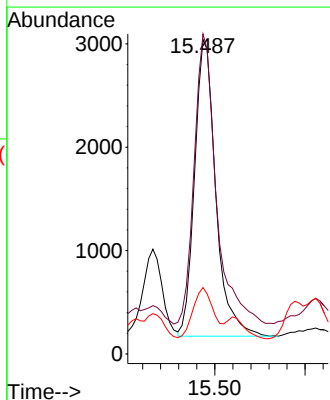
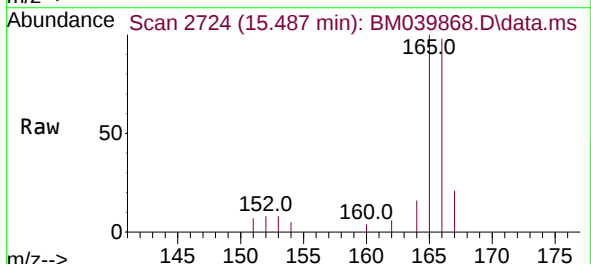
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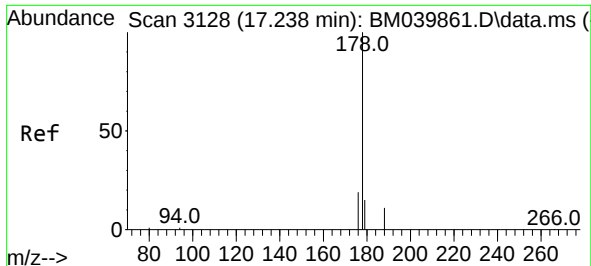
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#12
Fluorene
Concen: 0.193 ng/ul
RT: 15.487 min Scan# 2724
Delta R.T. -0.014 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01

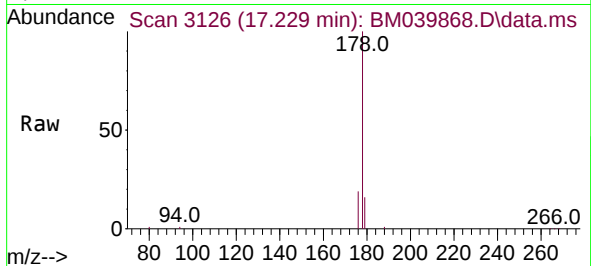
Tgt Ion:166 Resp: 4692
Ion Ratio Lower Upper
166 100
165 101.8 79.0 118.6
167 21.1 11.8 17.6#





#15
Phenanthrene
Concen: 2.352 ng/ul
RT: 17.229 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01

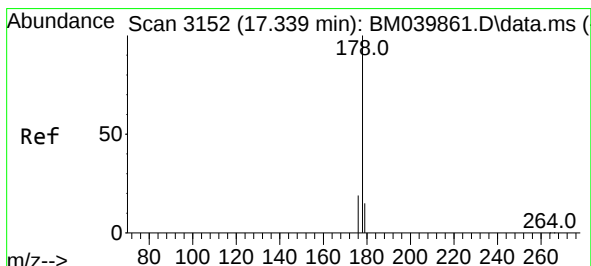
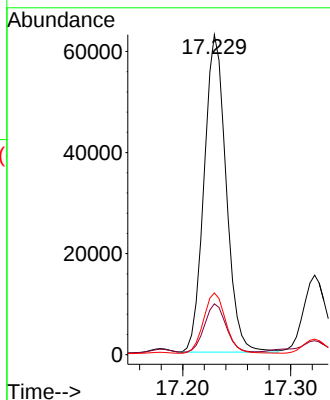
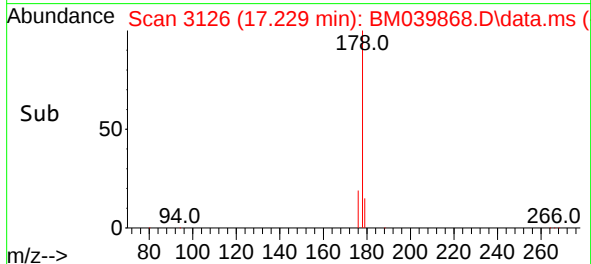
Instrument :
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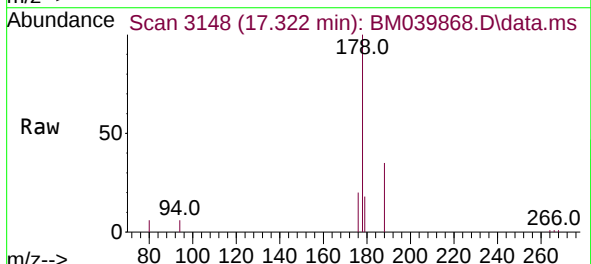
Tgt Ion:178 Resp: 88900
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.3 15.8 23.8

Manual Integrations
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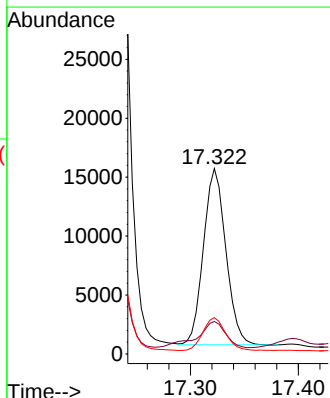
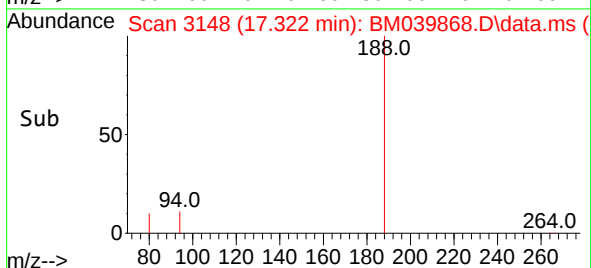
Reviewed By :Christian Giraldo 05/09/2023
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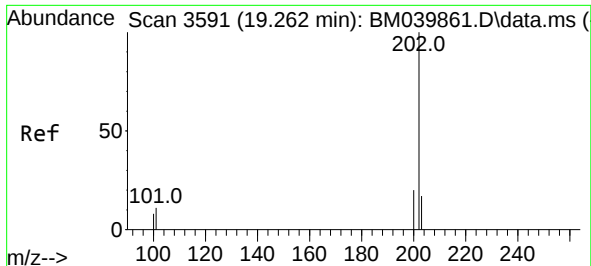


#16
Anthracene
Concen: 0.663 ng/ul
RT: 17.322 min Scan# 3148
Delta R.T. -0.017 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01



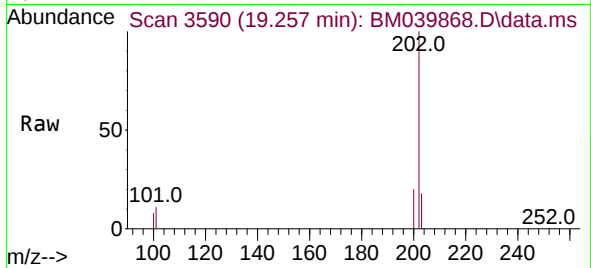
Tgt Ion:178 Resp: 21534
Ion Ratio Lower Upper
178 100
179 17.5 13.8 20.6
176 19.6 15.8 23.8





#19
Fluoranthene
Concen: 8.741 ng/ul
RT: 19.257 min Scan# 3590
Delta R.T. -0.005 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01

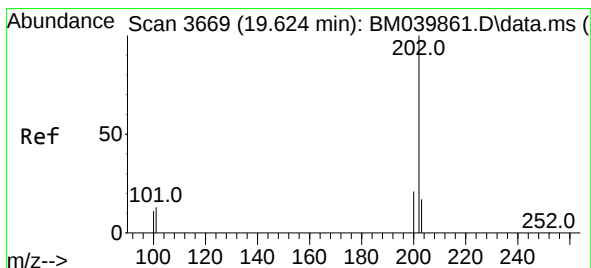
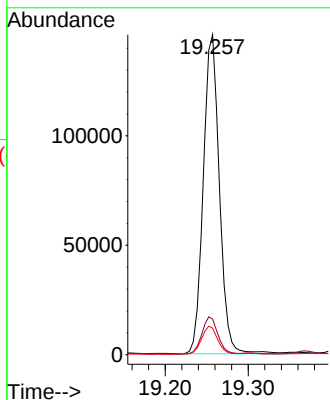
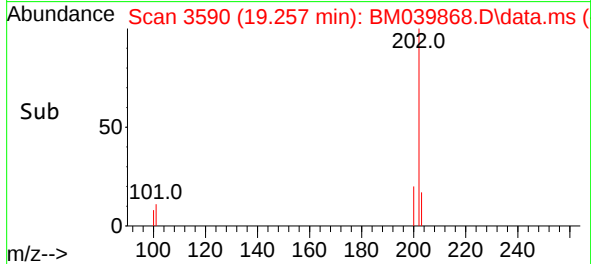
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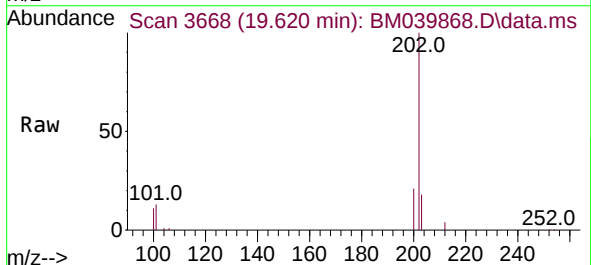
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Ion Ratio Lower Upper
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101 11.2 9.8 14.8
100 8.3 7.3 10.9

Manual Integrations
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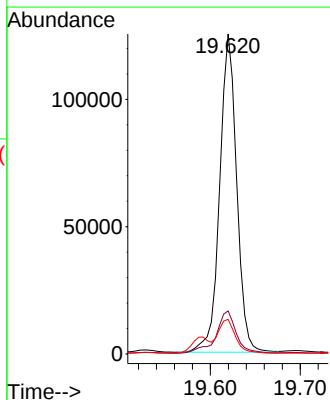
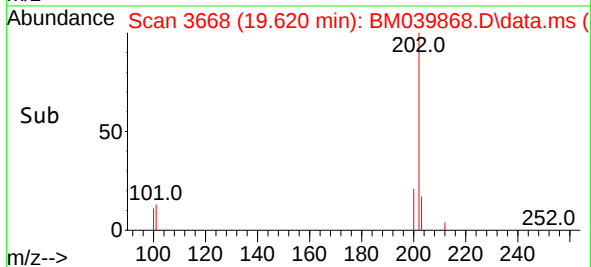
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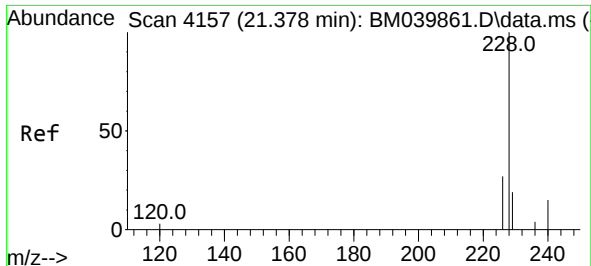


#20
Pyrene
Concen: 6.744 ng/ul
RT: 19.620 min Scan# 3668
Delta R.T. -0.005 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01



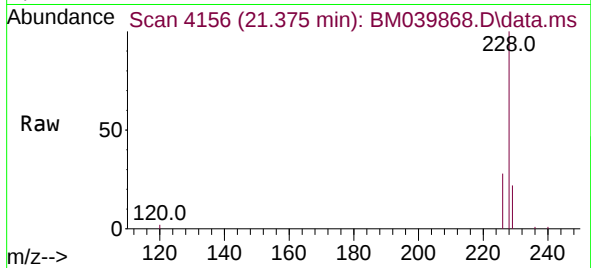
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Ion Ratio Lower Upper
202 100
101 13.5 10.9 16.3
100 10.8 8.9 13.3





#21
Benzo(a)anthracene
Concen: 5.484 ng/ul
RT: 21.375 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01

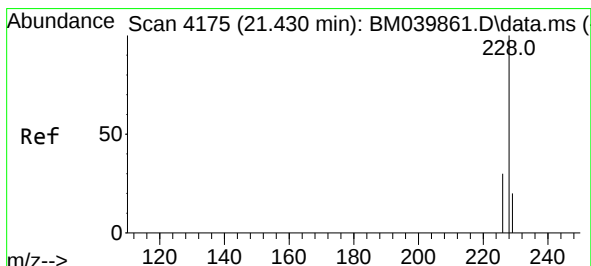
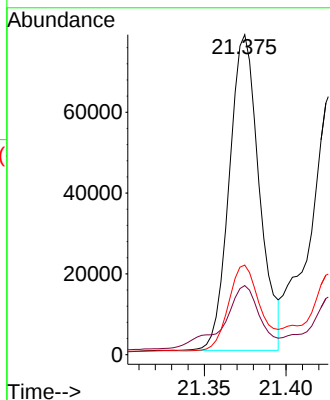
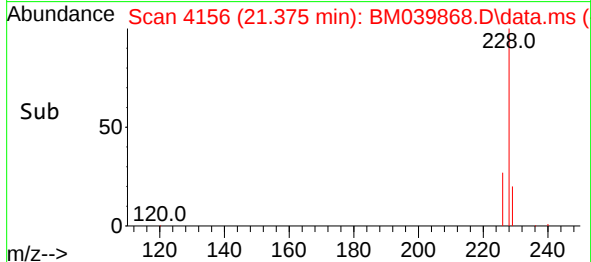
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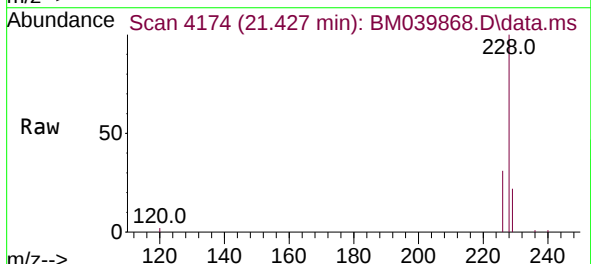
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Ion Ratio Lower Upper
228 100
229 21.6 16.2 24.2
226 28.0 21.6 32.4

Manual Integrations
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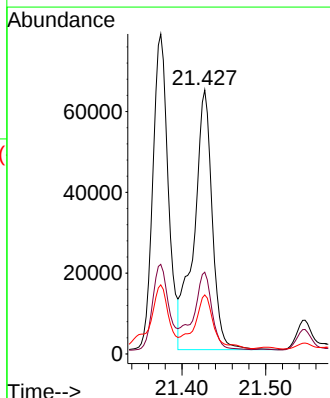
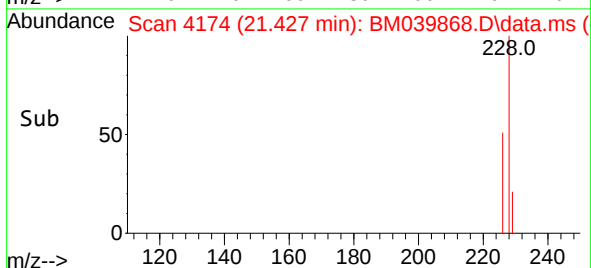
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

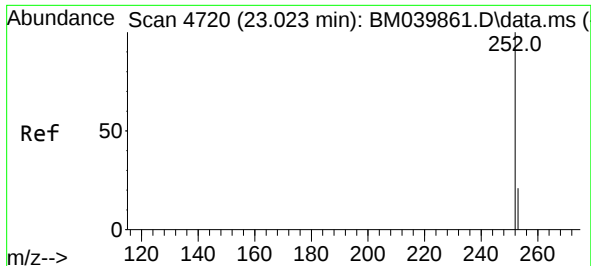


#22
Chrysene
Concen: 4.735 ng/ul
RT: 21.427 min Scan# 4174
Delta R.T. -0.003 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01



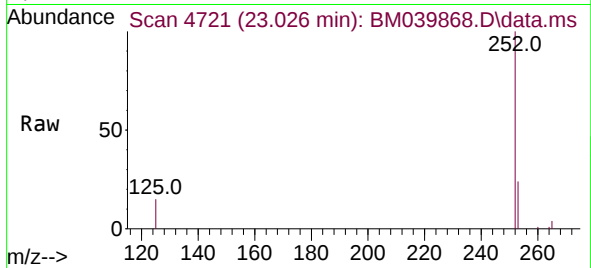
Tgt Ion:228 Resp: 97296
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 22.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 5.609 ng/ul
RT: 23.026 min Scan# 4720
Delta R.T. 0.003 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01

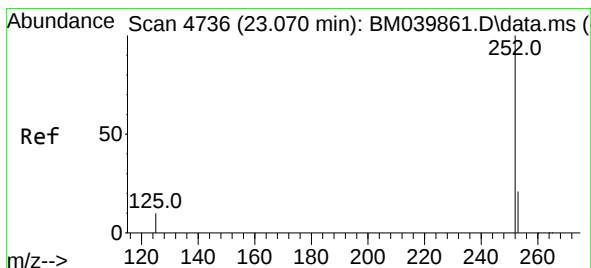
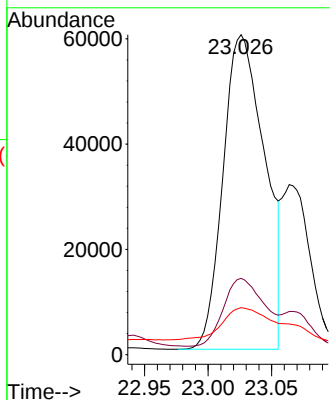
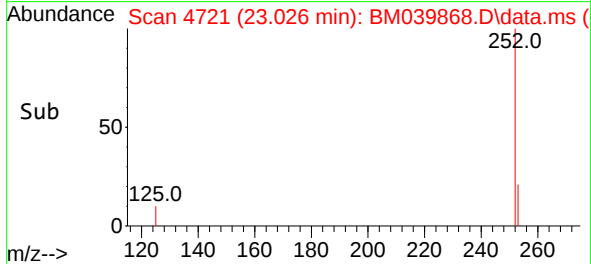
Instrument :
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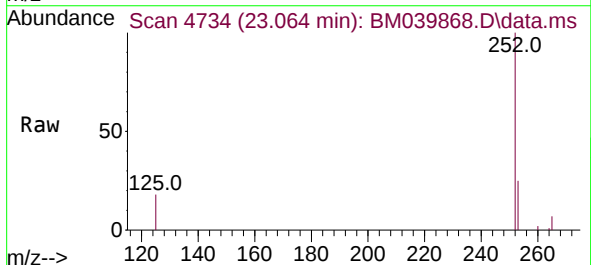
Tgt Ion:252 Resp: 13616
Ion Ratio Lower Upper
252 100
253 23.8 0.0 52.8
125 14.7 0.0 31.6

Manual Integrations
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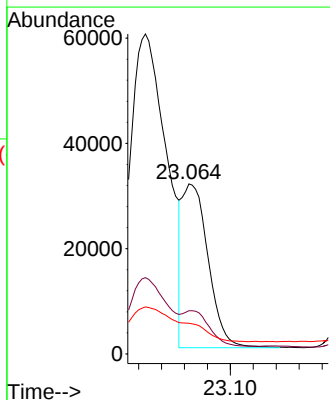
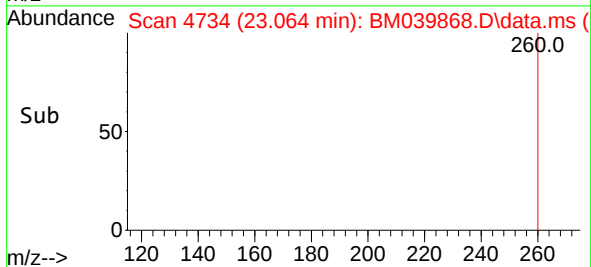
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

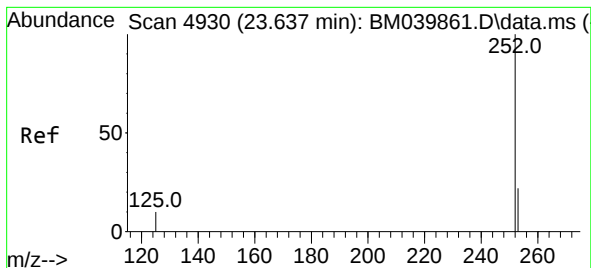


#25
Benzo(k)fluoranthene
Concen: 1.981 ng/ul m
RT: 23.064 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01



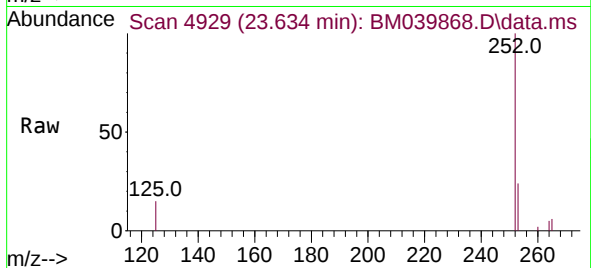
Tgt Ion:252 Resp: 48972
Ion Ratio Lower Upper
252 100
253 25.4 21.3 31.9
125 18.1 13.0 19.6





#26
Benzo(a)pyrene
Concen: 4.201 ng/ul
RT: 23.634 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01

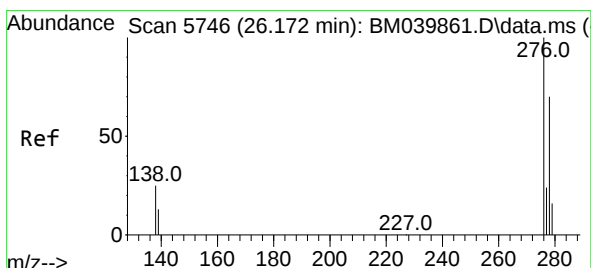
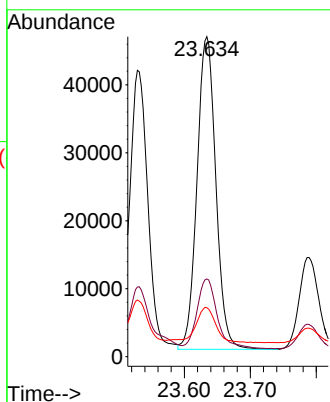
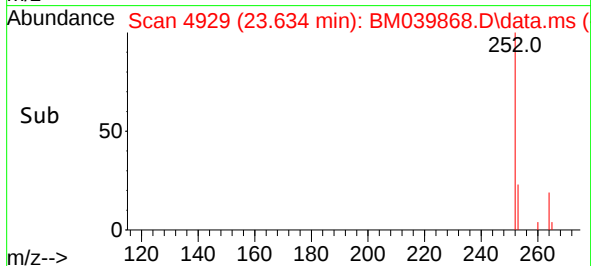
Instrument :
BNA_M
ClientSampleId :
EW973



Tgt Ion:252 Resp: 91558
Ion Ratio Lower Upper
252 100
253 24.3 24.7 37.1
125 15.3 16.5 24.7

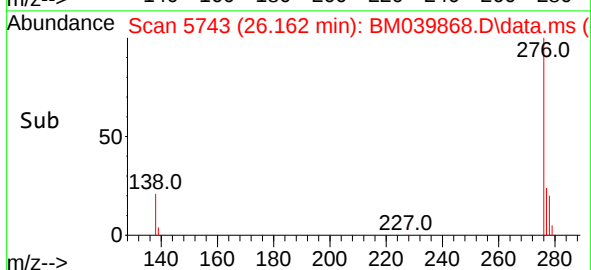
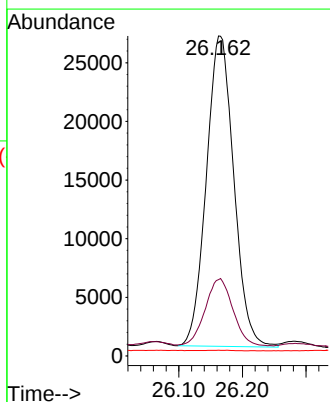
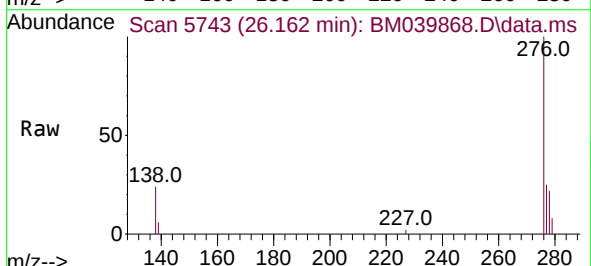
Manual Integrations
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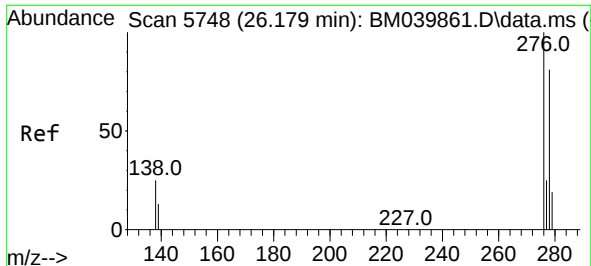
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.881 ng/ul
RT: 26.162 min Scan# 5743
Delta R.T. -0.010 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01

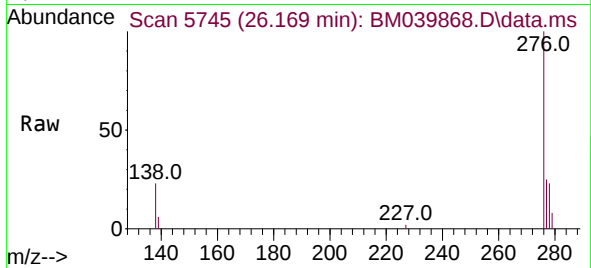
Tgt Ion:276 Resp: 79405
Ion Ratio Lower Upper
276 100
138 22.0 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.971 ng/ul
RT: 26.169 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01

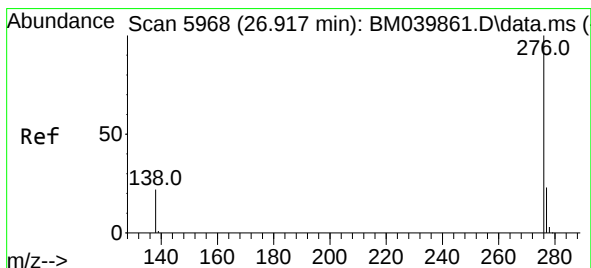
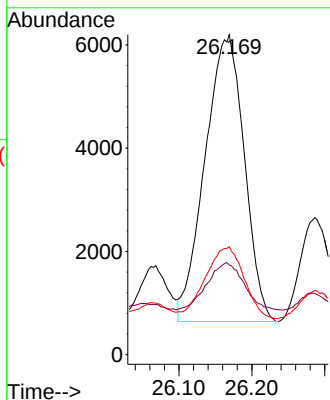
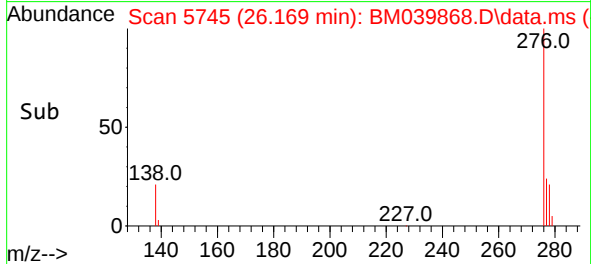
Instrument :
BNA_M
ClientSampleId :
EW973



Tgt Ion:278 Resp: 2076
Ion Ratio Lower Upper
278 100
139 28.0 17.0 25.6
279 33.7 23.4 35.2

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Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#29
Benzo(g,h,i)perylene
Concen: 3.610 ng/ul
RT: 26.917 min Scan# 5968
Delta R.T. 0.000 min
Lab File: BM039868.D
Acq: 08 May 2023 14:01

Tgt Ion:276 Resp: 86698
Ion Ratio Lower Upper
276 100
138 24.4 20.1 30.1
277 25.0 20.1 30.1

