

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039818.D
 Acq On : 03 May 2023 01:20
 Operator : CG/JU
 Sample : 02419-24
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW921

Manual Integrations
 APPROVED

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

Quant Time: May 03 04:18:53 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	7.787	152	3140	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.589	136	10423	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.446	164	5715	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	10776	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.405	240	6293	0.400	ng/ul	# 0.00
23) Perylene-d12	23.761	264	8939	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	11167	2.413	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2934	0.219	ng/ul	-0.01
18) Fluoranthene-d10	19.239	212	4741	0.280	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.639	128	74658	2.852	ng/ul	98
7) 2-Methylnaphthalene	12.261	142	39911	2.642	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	32087	1.980	ng/ul	100
10) Acenaphthylene	14.168	152	128697	5.818	ng/ul	99
11) Acenaphthene	14.511	153	50264	2.893	ng/ul	98
12) Fluorene	15.501	166	80050	4.153	ng/ul	98
15) Phenanthrene	17.242	178	1196961	42.161	ng/ul	99
16) Anthracene	17.335	178	307493	12.614	ng/ul	97
19) Fluoranthene	19.271	202	1860523	82.871	ng/ul	99
20) Pyrene	19.638	202	1597772	65.902	ng/ul	98
21) Benzo(a)anthracene	21.388	228	930539	51.430	ng/ul	98
22) Chrysene	21.440	228	809452	39.532	ng/ul	97
24) Benzo(b)fluoranthene	23.048	252	1186196	37.785	ng/ul	92
25) Benzo(k)fluoranthene	23.089	252	365360m	11.430	ng/ul	
26) Benzo(a)pyrene	23.659	252	860445	30.528	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.204	276	598731	16.799	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.204	278	163836	5.923	ng/ul	98
29) Benzo(g,h,i)perylene	26.959	276	554531	17.856	ng/ul	97

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

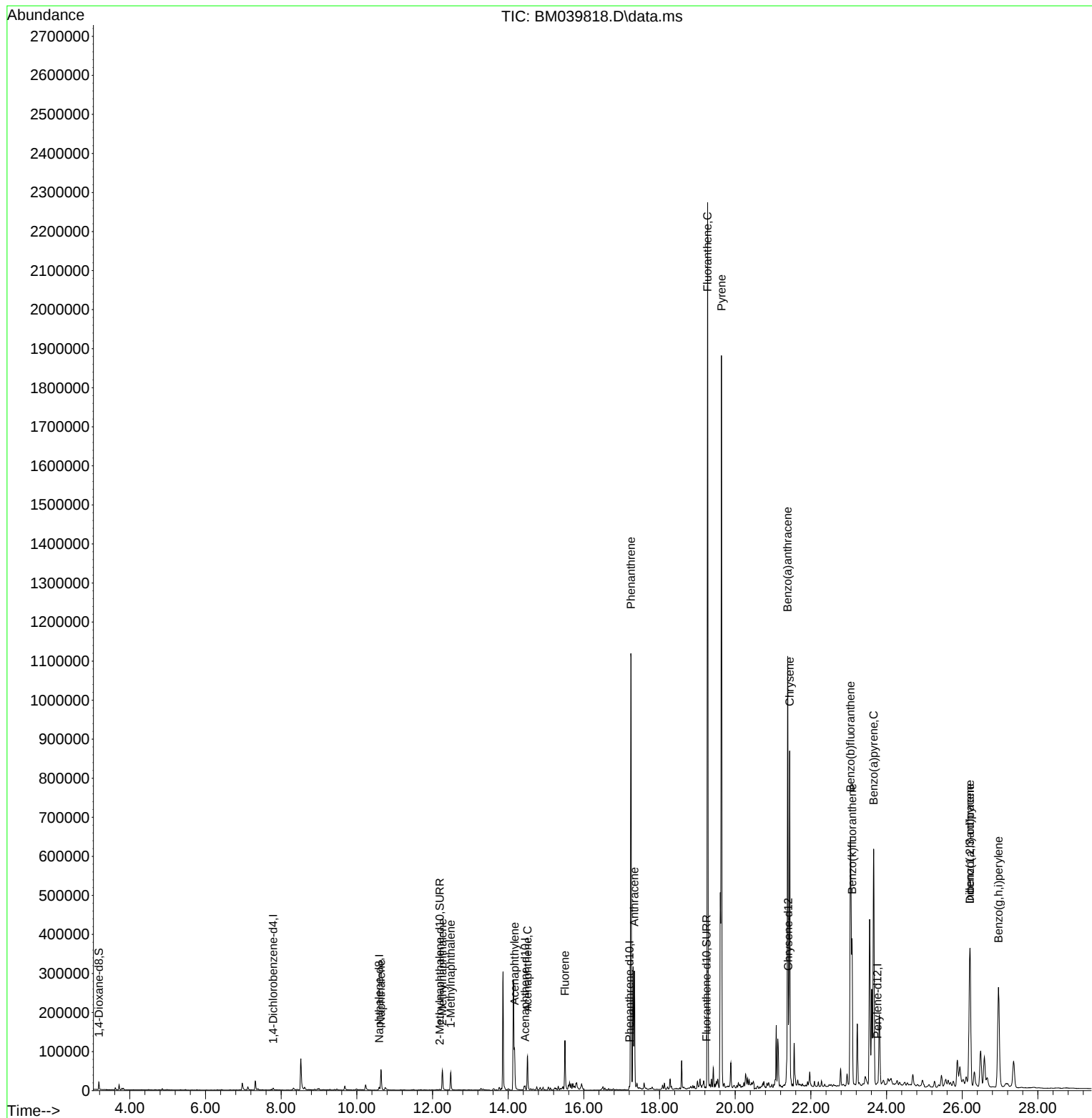
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039818.D
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ALS Vial : 21 Sample Multiplier: 1

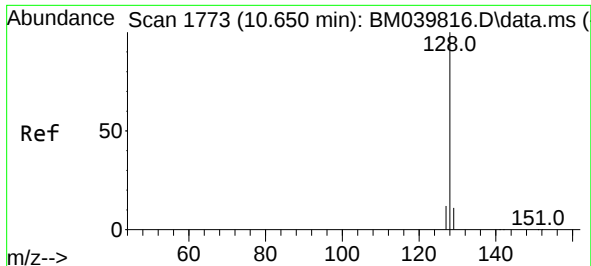
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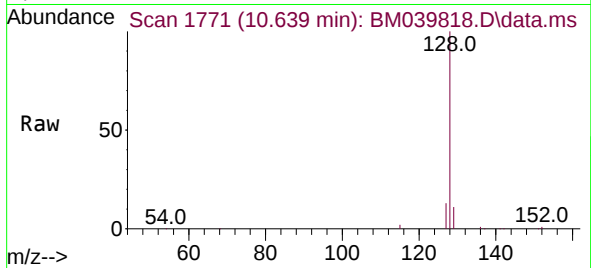
Quant Time: May 03 04:18:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.852 ng/ul
RT: 10.639 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

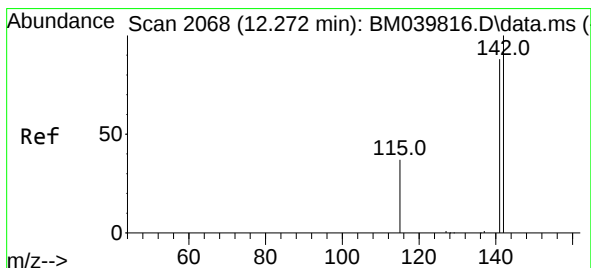
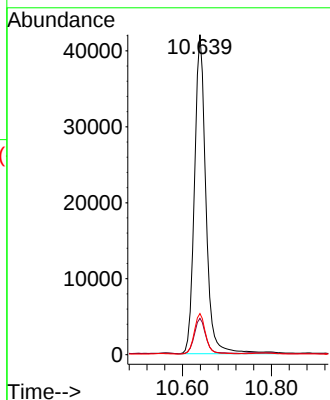
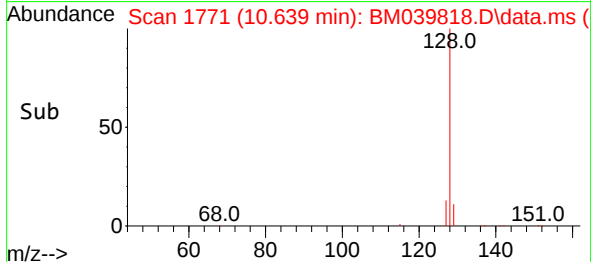
Instrument :
BNA_M
ClientSampleId :
EW921



Tgt Ion:128 Resp: 74658
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.6
127 12.9 11.1 16.7

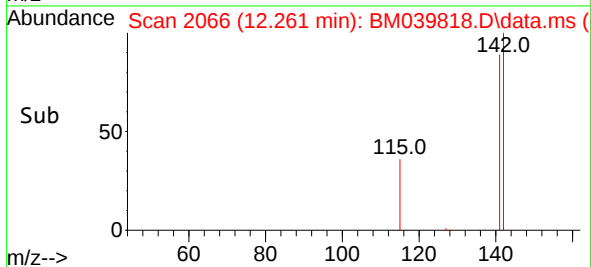
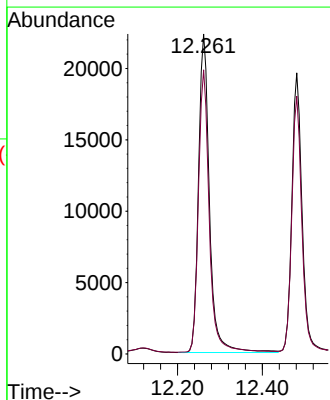
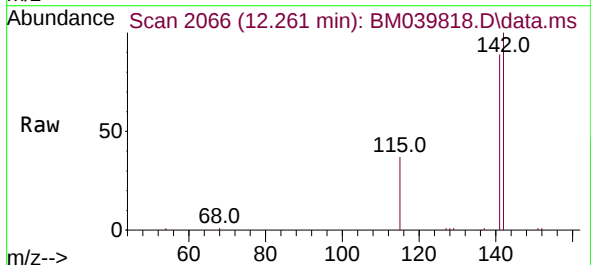
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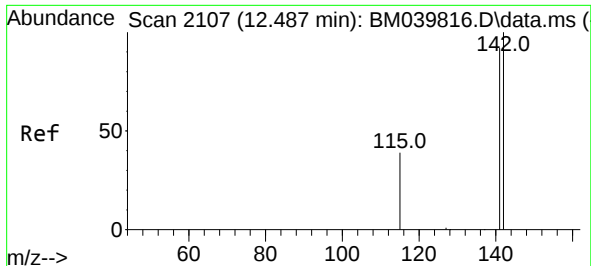
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#7
2-Methylnaphthalene
Concen: 2.642 ng/ul
RT: 12.261 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

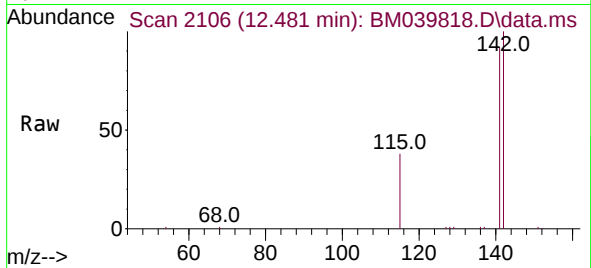
Tgt Ion:142 Resp: 39911
Ion Ratio Lower Upper
142 100
141 87.8 73.2 109.8





#8
1-Methylnaphthalene
Concen: 1.980 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

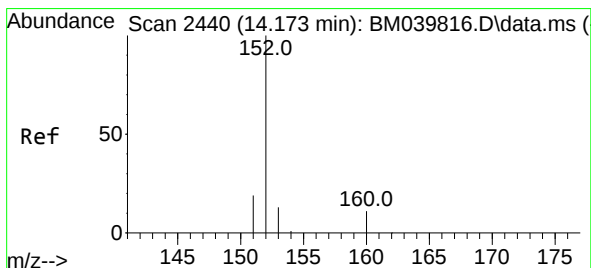
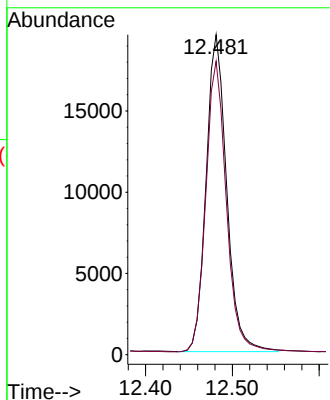
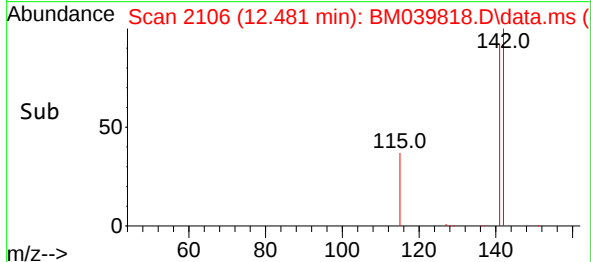
Instrument :
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Tgt Ion:142 Resp: 3208
Ion Ratio Lower Upper
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141 91.5 73.4 110.2

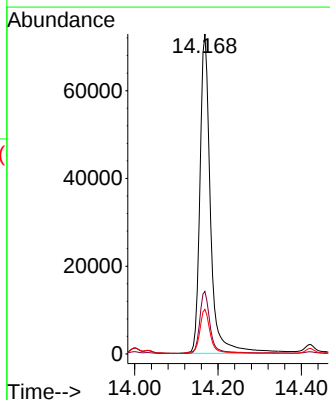
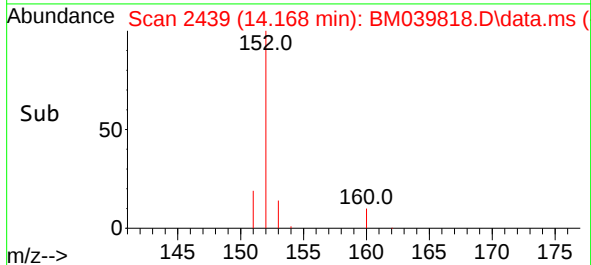
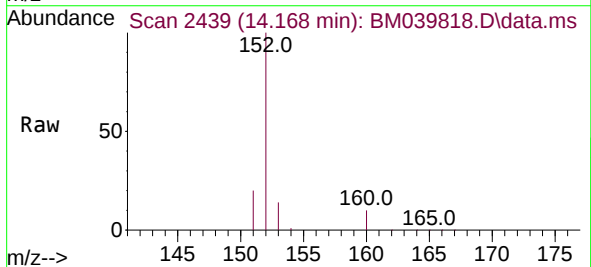
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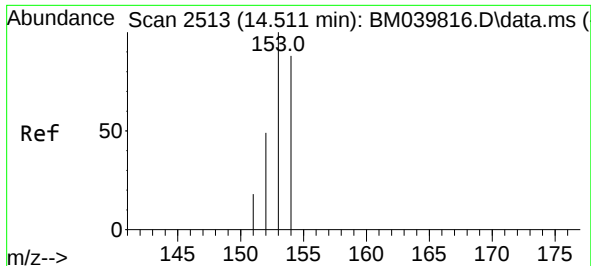
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#10
Acenaphthylene
Concen: 5.818 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

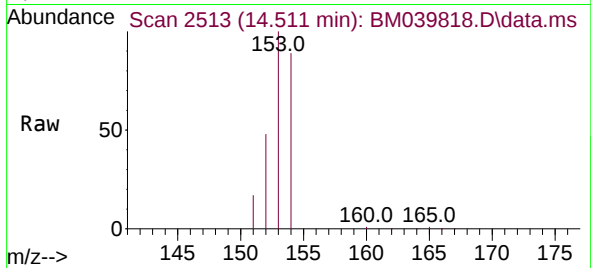
Tgt Ion:152 Resp: 128697
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 14.0 11.2 16.8





#11
Acenaphthene
Concen: 2.893 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

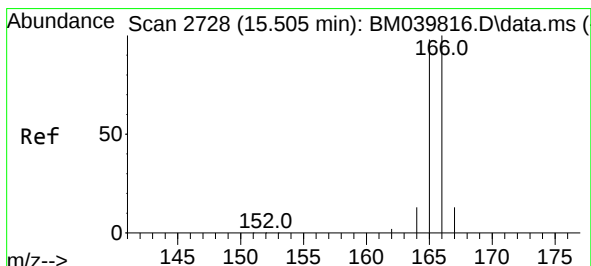
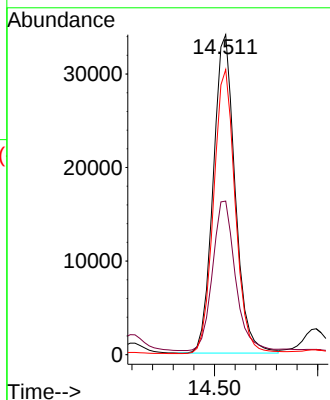
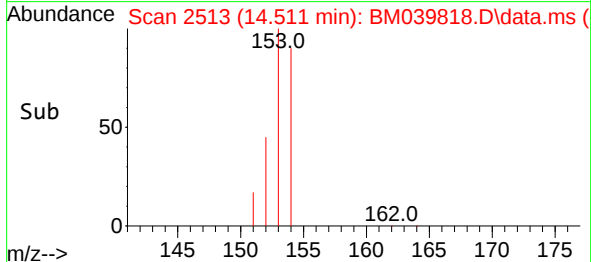
Instrument :
BNA_M
ClientSampleId :
EW921



Tgt Ion:153 Resp: 50264
Ion Ratio Lower Upper
153 100
152 48.0 40.6 61.0
154 89.1 71.9 107.9

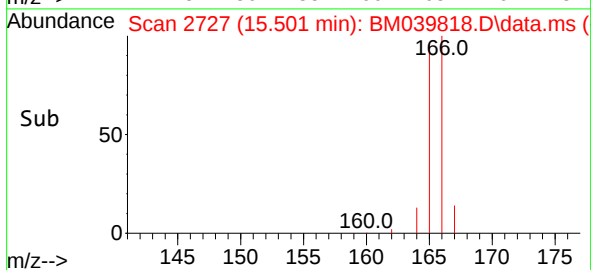
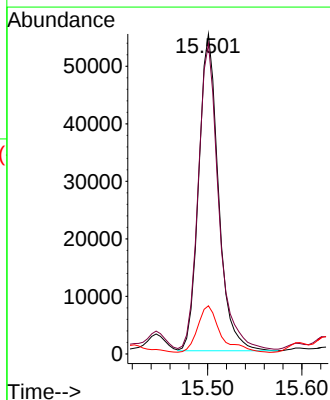
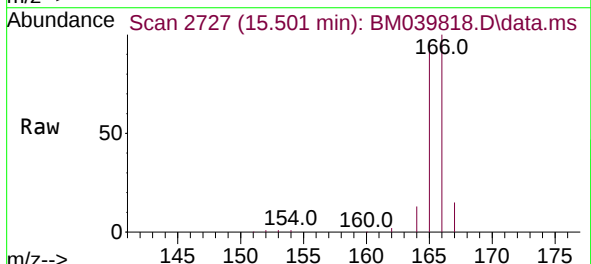
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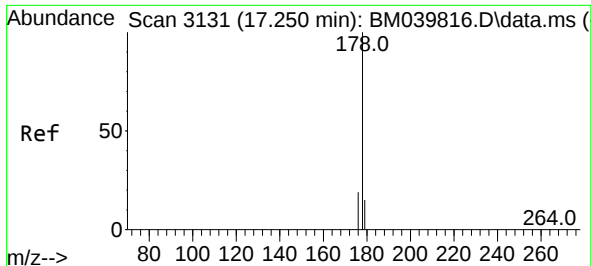
Reviewed By :Christian Giraldo 05/03/2023
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#12
Fluorene
Concen: 4.153 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.005 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

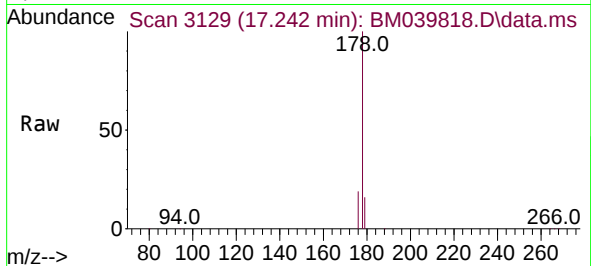
Tgt Ion:166 Resp: 80050
Ion Ratio Lower Upper
166 100
165 96.9 79.0 118.6
167 15.0 11.8 17.6





#15
Phenanthrene
Concen: 42.161 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

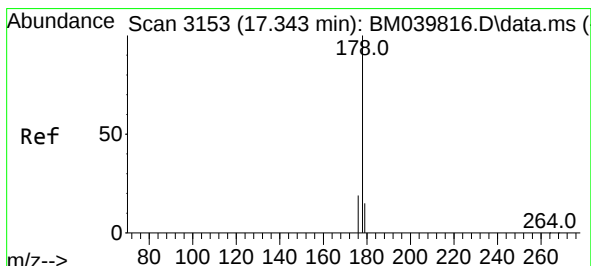
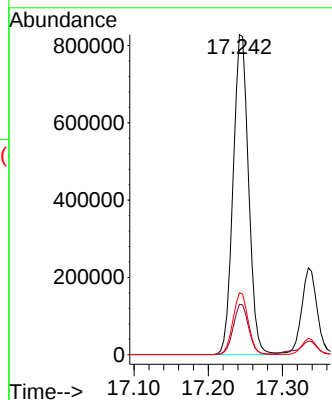
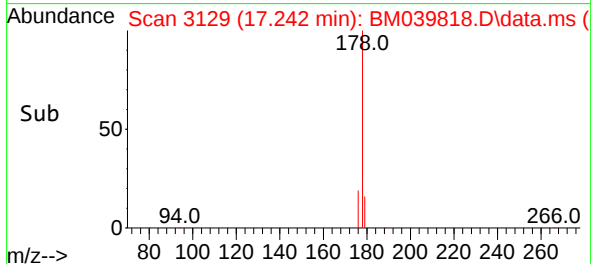
Instrument :
BNA_M
ClientSampleId :
EW921



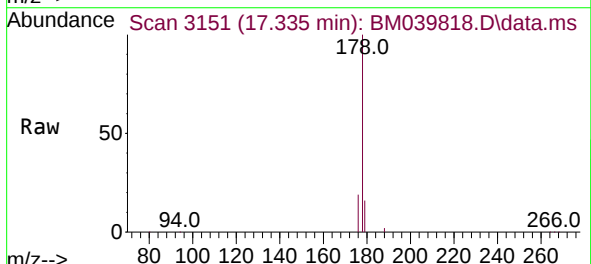
Tgt Ion:178 Resp: 119696
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.3 15.8 23.8

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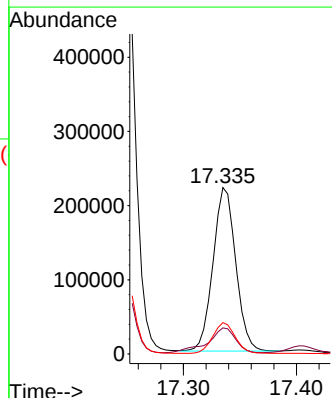
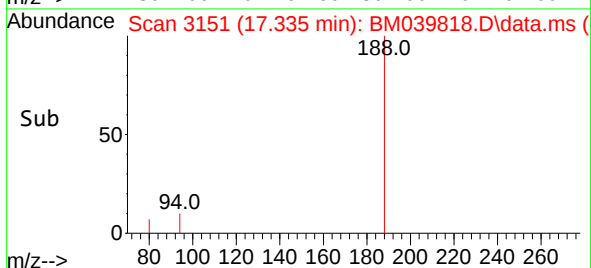
Reviewed By :Christian Giraldo 05/03/2023
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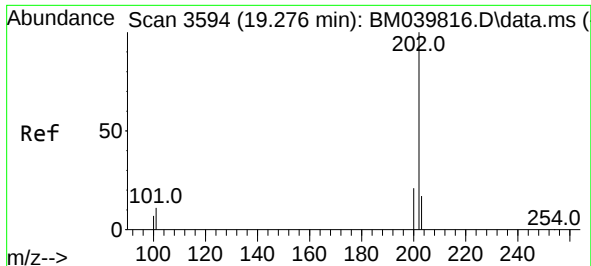


#16
Anthracene
Concen: 12.614 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20



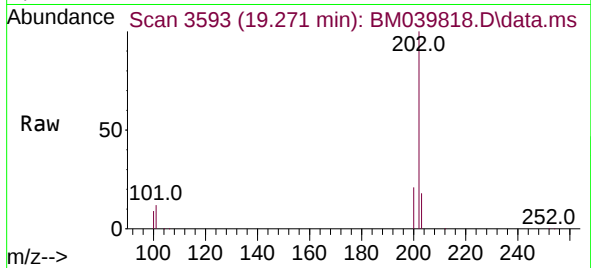
Tgt Ion:178 Resp: 307493
Ion Ratio Lower Upper
178 100
179 15.7 13.8 20.6
176 18.9 15.8 23.8





#19
Fluoranthene
Concen: 82.871 ng/u1
RT: 19.271 min Scan# 3594
Delta R.T. 0.000 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

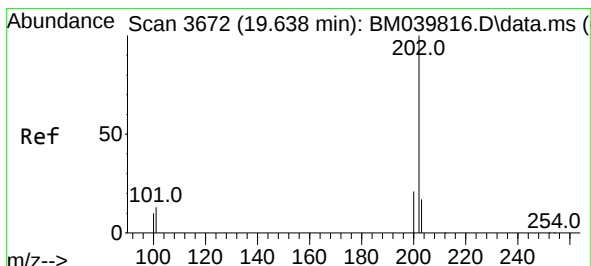
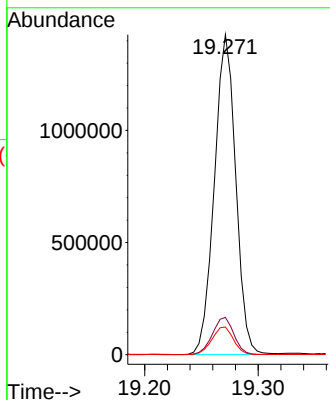
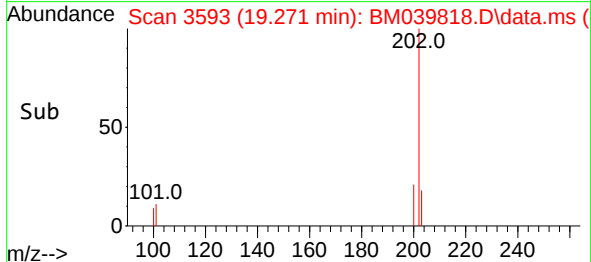
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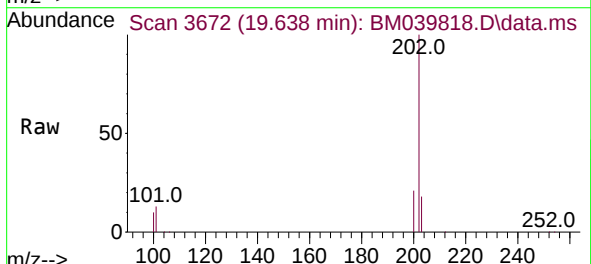
Tgt Ion:202 Resp: 186052
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.7 7.3 10.9

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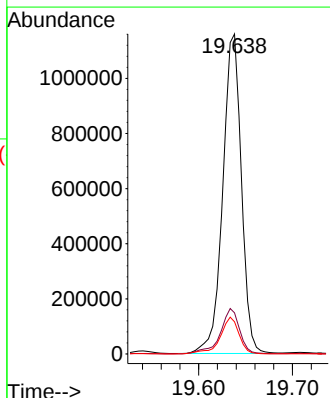
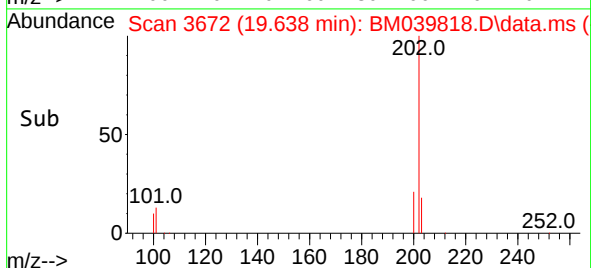
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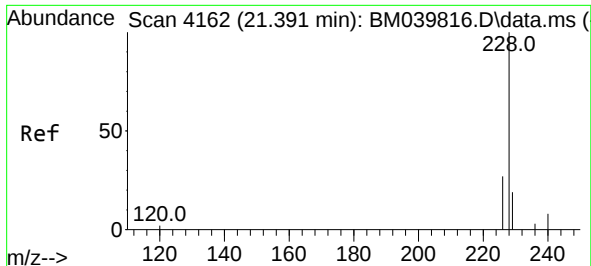


#20
Pyrene
Concen: 65.902 ng/u1
RT: 19.638 min Scan# 3672
Delta R.T. 0.005 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20



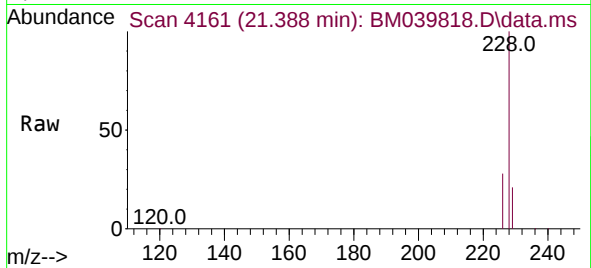
Tgt Ion:202 Resp: 1597772
Ion Ratio Lower Upper
202 100
101 12.9 10.9 16.3
100 10.0 8.9 13.3





#21
Benzo(a)anthracene
Concen: 51.430 ng/u1
RT: 21.388 min Scan# 4161
Delta R.T. -0.002 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

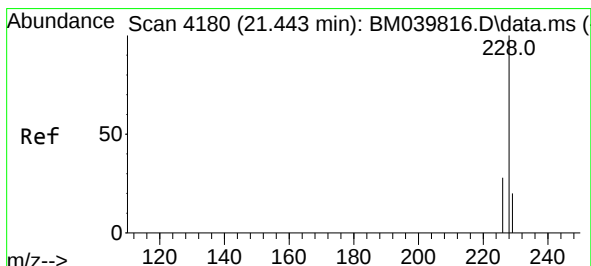
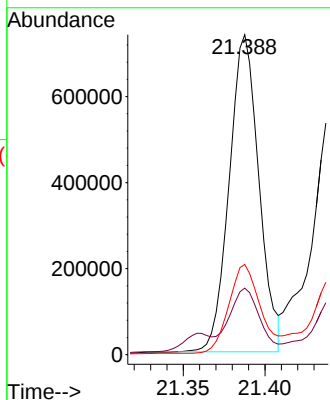
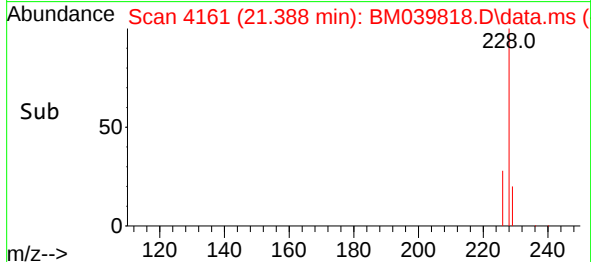
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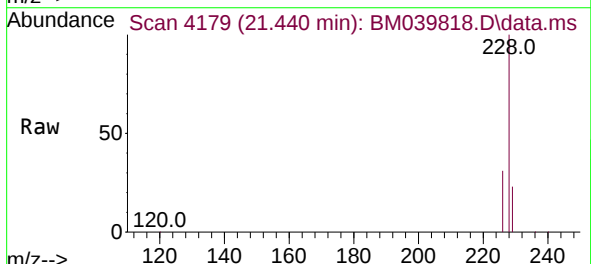
Tgt Ion:228 Resp: 930539
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 28.2 21.6 32.4

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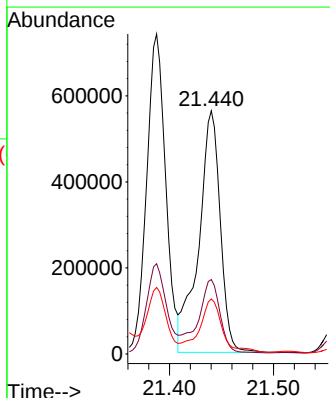
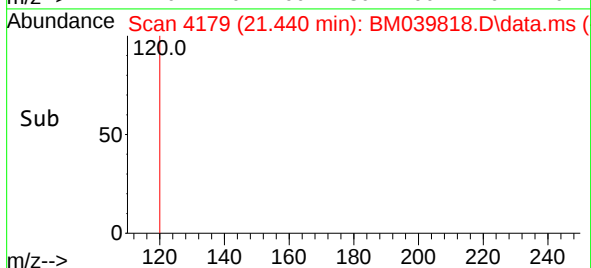
Reviewed By :Christian Giraldo 05/03/2023
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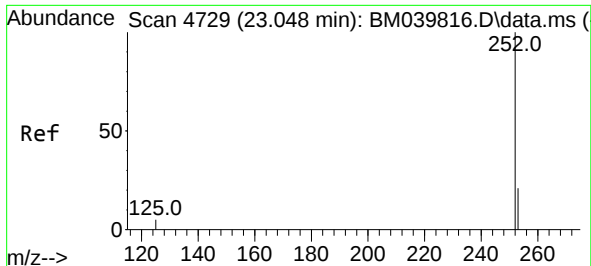


#22
Chrysene
Concen: 39.532 ng/u1
RT: 21.440 min Scan# 4179
Delta R.T. -0.002 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20



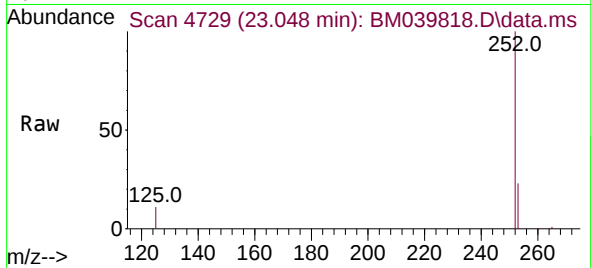
Tgt Ion:228 Resp: 809452
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 22.7 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 37.785 ng/ul
RT: 23.048 min Scan# 4729
Delta R.T. 0.004 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

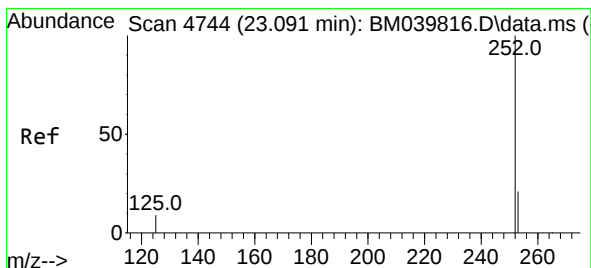
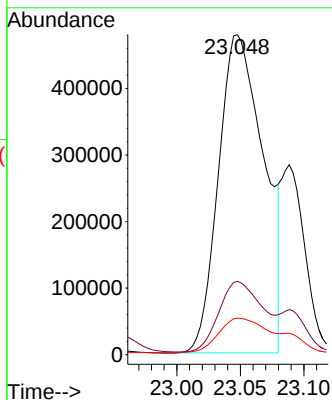
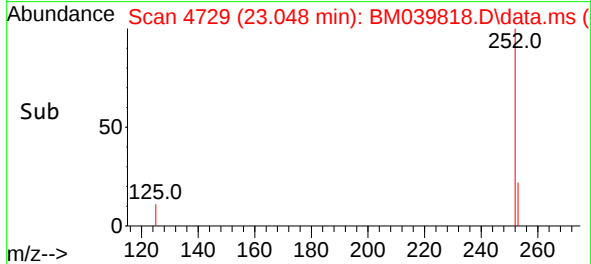
Instrument :
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Tgt Ion:252 Resp: 1186190
Ion Ratio Lower Upper
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253 22.9 0.0 52.8
125 11.4 0.0 31.6

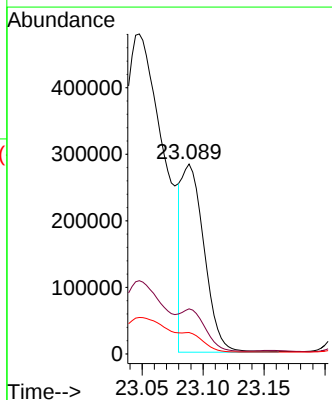
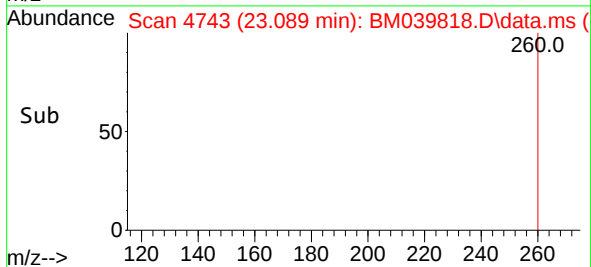
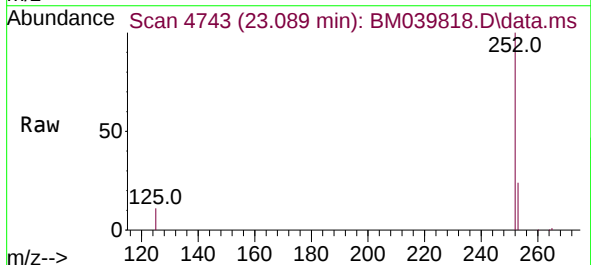
Manual Integrations
APPROVED

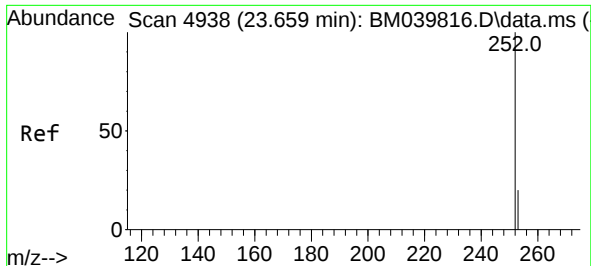
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#25
Benzo(k)fluoranthene
Concen: 11.430 ng/ul m
RT: 23.089 min Scan# 4743
Delta R.T. 0.001 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

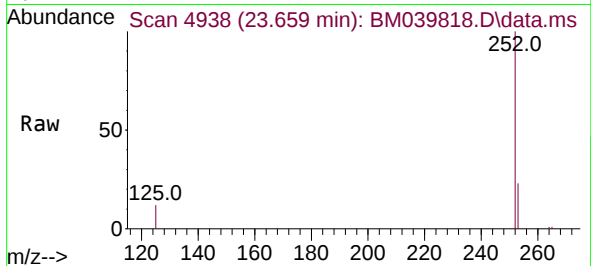
Tgt Ion:252 Resp: 365360
Ion Ratio Lower Upper
252 100
253 23.8 21.3 31.9
125 11.3 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 30.528 ng/ul
RT: 23.659 min Scan# 4938
Delta R.T. 0.001 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

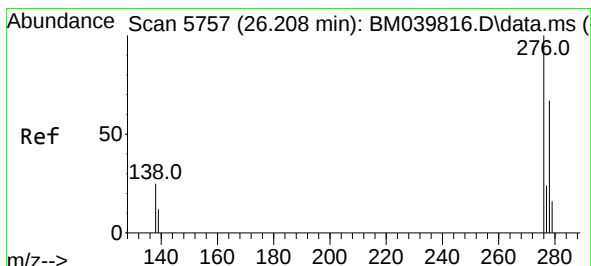
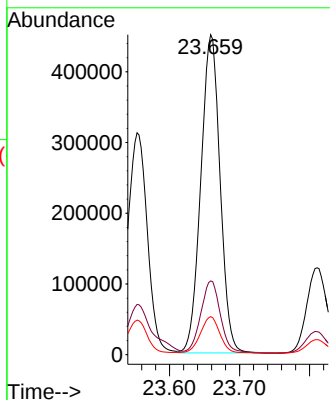
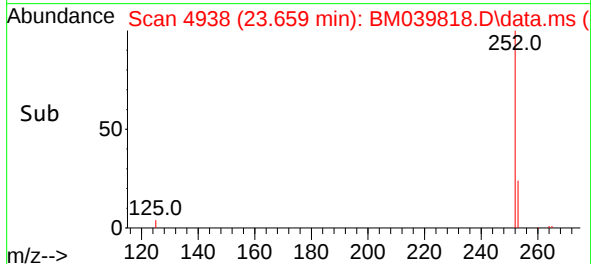
Instrument :
BNA_M
ClientSampleId :
EW921



Tgt Ion:252 Resp: 860445
Ion Ratio Lower Upper
252 100
253 23.1 24.7 37.1
125 11.9 16.5 24.7

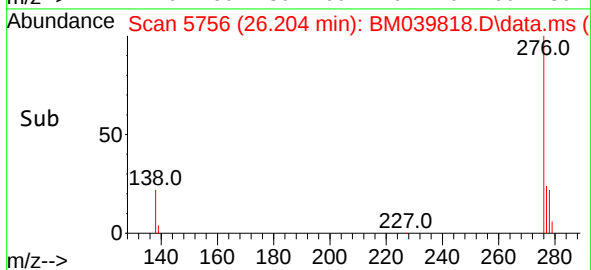
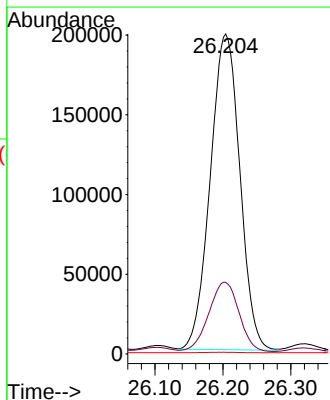
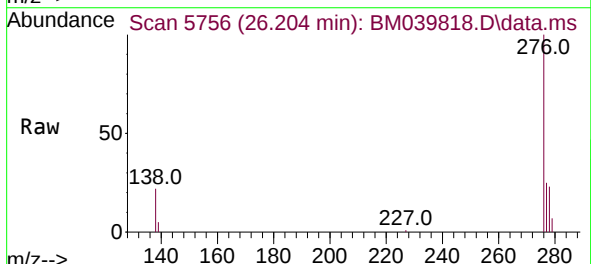
Manual Integrations
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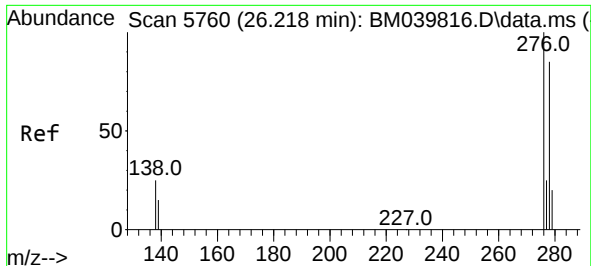
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 16.799 ng/ul
RT: 26.204 min Scan# 5756
Delta R.T. 0.002 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

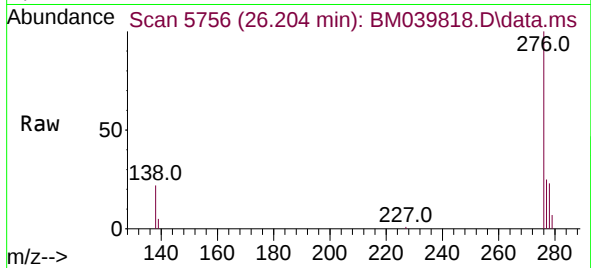
Tgt Ion:276 Resp: 598731
Ion Ratio Lower Upper
276 100
138 22.4 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 5.923 ng/ul
RT: 26.204 min Scan# 5756
Delta R.T. -0.008 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

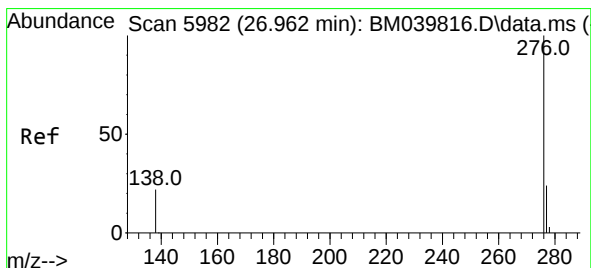
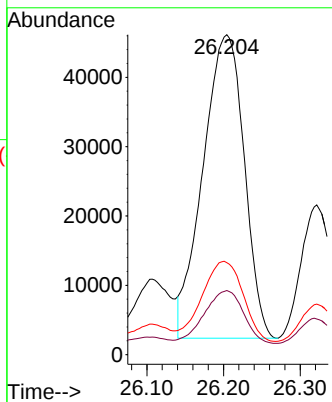
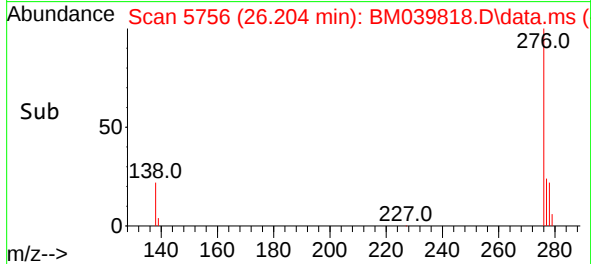
Instrument :
BNA_M
ClientSampleId :
EW921



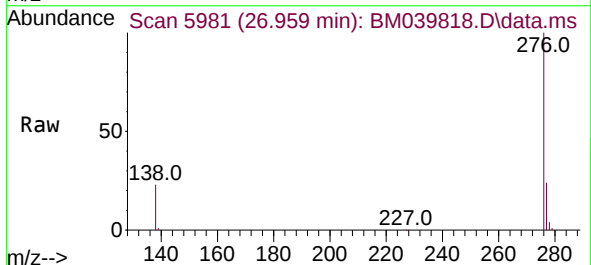
Tgt Ion:278 Resp: 163830
Ion Ratio Lower Upper
278 100
139 20.0 17.0 25.6
279 28.8 23.4 35.2

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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: 17.856 ng/ul
RT: 26.959 min Scan# 5981
Delta R.T. 0.012 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20



Tgt Ion:276 Resp: 554531
Ion Ratio Lower Upper
276 100
138 22.9 20.1 30.1
277 24.3 20.1 30.1

