

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039760.D
 Acq On : 29 Apr 2023 06:08
 Operator : CG/JU
 Sample : 02417-01DL 5X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8W7DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/01/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: May 01 01:32:34 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	7.796	152	4109	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.595	136	16297	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.446	164	10834	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	21540	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	13499	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	10550	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3479	0.575	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	1033	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	2147	0.059	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	49496	1.209	ng/ul	99
7) 2-Methylnaphthalene	12.267	142	16735	0.709	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	11258	0.444	ng/ul	99
10) Acenaphthylene	14.169	152	2827	0.067	ng/ul#	86
11) Acenaphthene	14.511	153	1636	0.050	ng/ul#	88
12) Fluorene	15.501	166	2338	0.064	ng/ul#	95
15) Phenanthrene	17.238	178	48267	0.851	ng/ul	99
16) Anthracene	17.335	178	8419	0.173	ng/ul	98
19) Fluoranthene	19.262	202	98505	2.045	ng/ul	99
20) Pyrene	19.625	202	90004	1.731	ng/ul	99
21) Benzo(a)anthracene	21.379	228	35703	0.920	ng/ul	98
22) Chrysene	21.432	228	41189	0.938	ng/ul	98
24) Benzo(b)fluoranthene	23.030	252	50248	1.356	ng/ul	97
25) Benzo(k)fluoranthene	23.071	252	16525m	0.438	ng/ul	
26) Benzo(a)pyrene	23.635	252	30292	0.911	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.167	276	24104	0.573	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.171	278	5427	0.166	ng/ul#	80
29) Benzo(g,h,i)perylene	26.915	276	21159	0.577	ng/ul	99

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

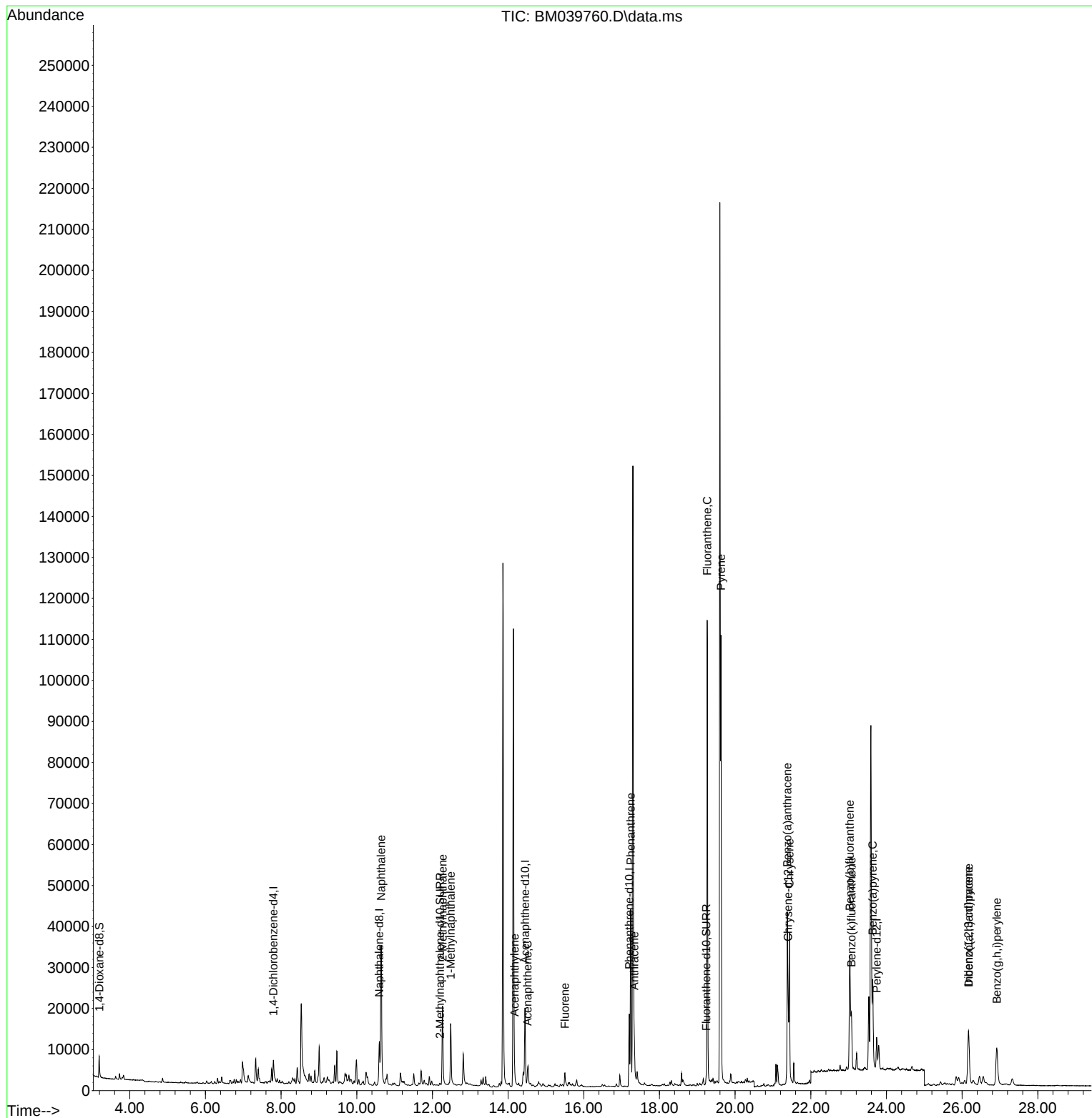
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039760.D
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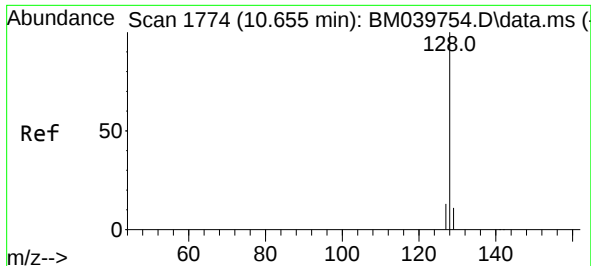
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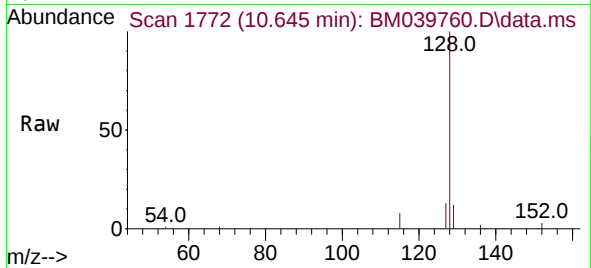
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023





#5
Naphthalene
Concen: 1.209 ng/ul
RT: 10.645 min Scan# 1774
Delta R.T. -0.011 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08

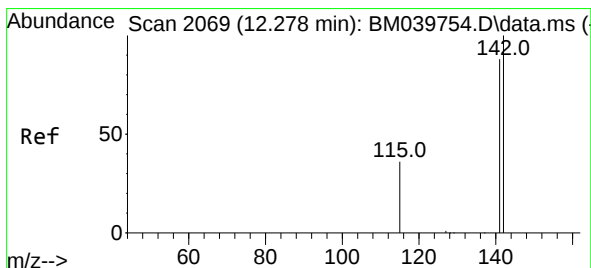
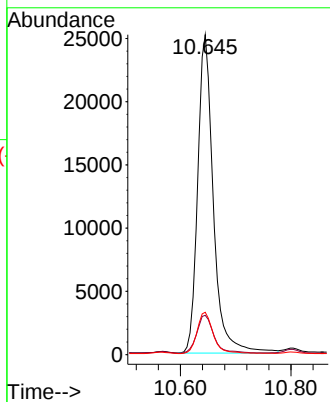
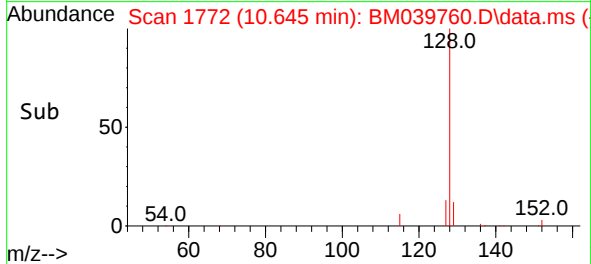
Instrument :
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ClientSampleId :
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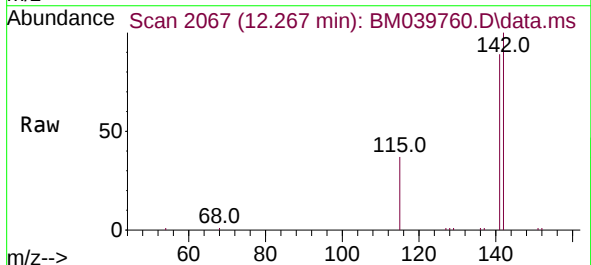
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Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.6
127 13.2 11.1 16.7

Manual Integrations
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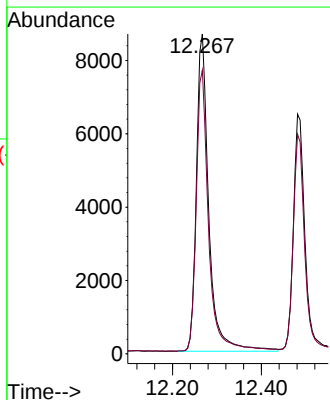
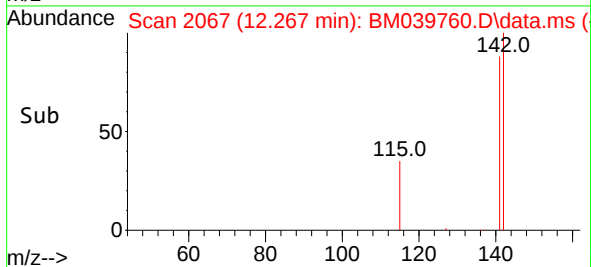
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

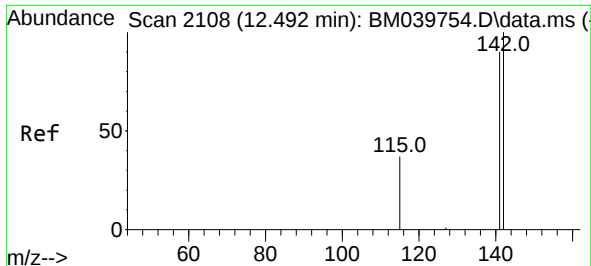


#7
2-Methylnaphthalene
Concen: 0.709 ng/ul
RT: 12.267 min Scan# 2067
Delta R.T. -0.011 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08



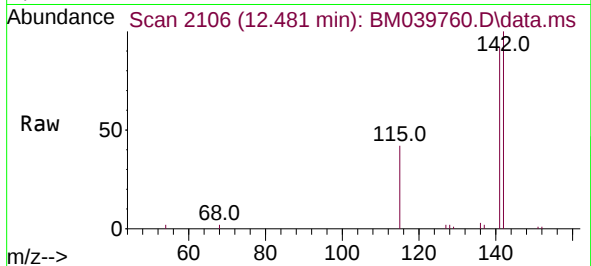
Tgt Ion:142 Resp: 16735
Ion Ratio Lower Upper
142 100
141 88.1 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.444 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. -0.011 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08

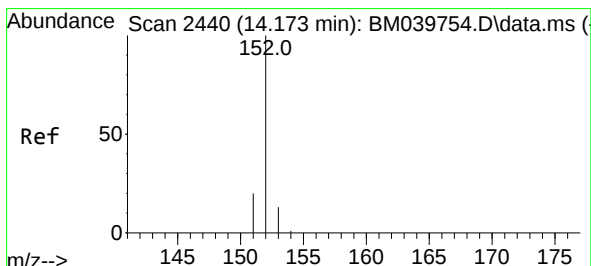
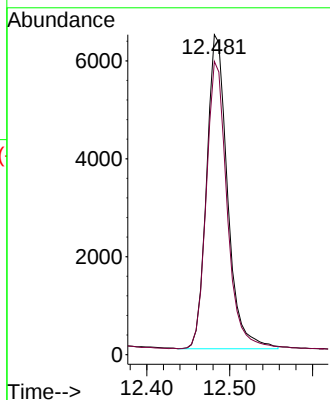
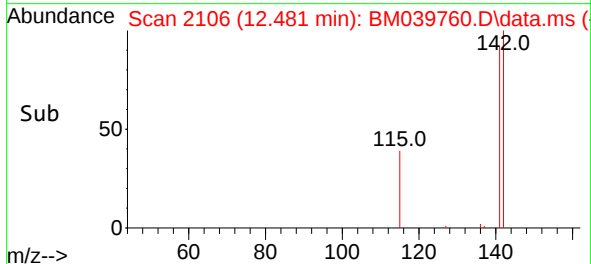
Instrument :
BNA_M
ClientSampleId :
EW8W7DL



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Ion Ratio Lower Upper
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141 90.7 73.4 110.2

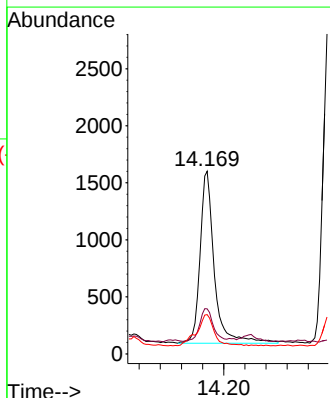
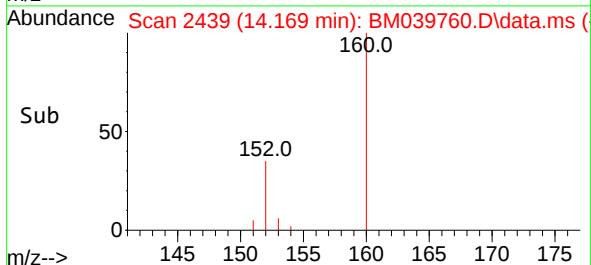
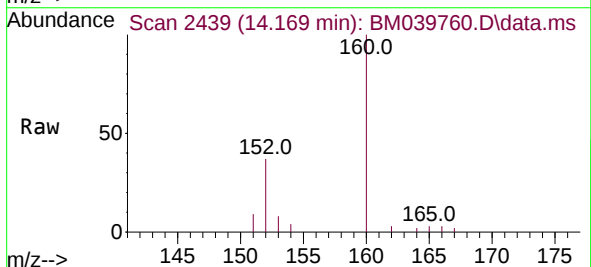
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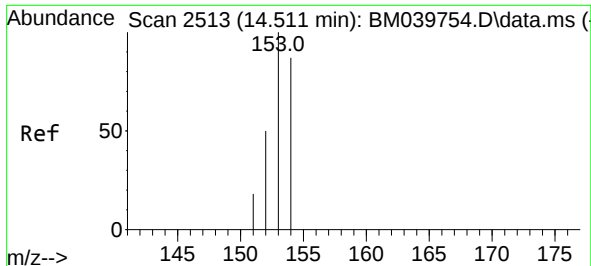
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.067 ng/ul
RT: 14.169 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08

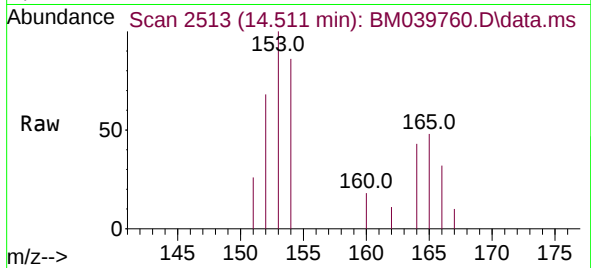
Tgt Ion:152 Resp: 2827
Ion Ratio Lower Upper
152 100
151 24.7 16.0 24.0#
153 21.5 11.2 16.8#





#11
Acenaphthene
Concen: 0.050 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08

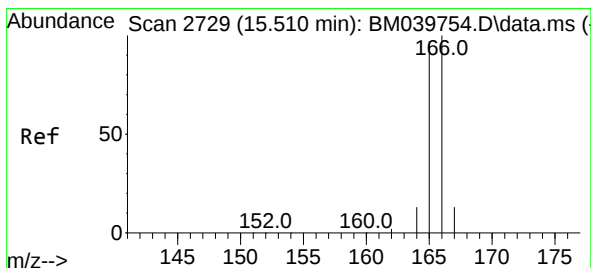
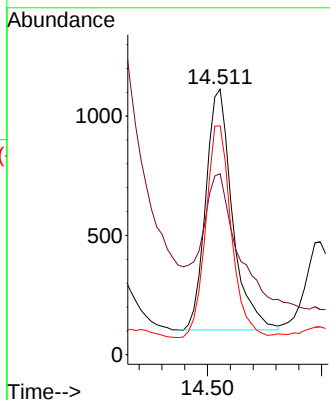
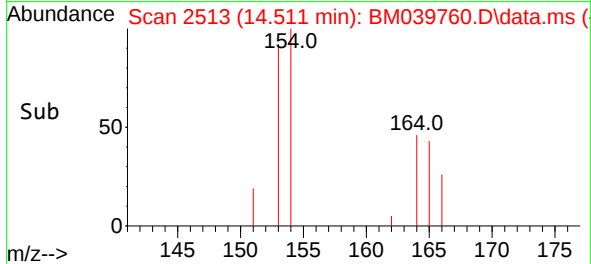
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 1636
Ion Ratio Lower Upper
153 100
152 68.2 40.6 61.0
154 86.2 71.9 107.9

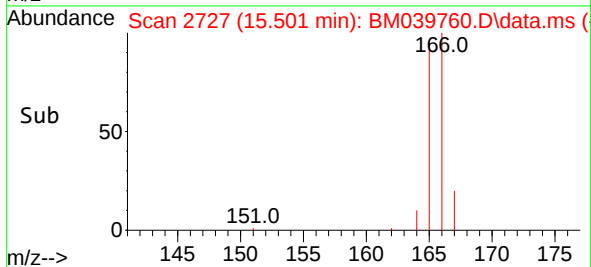
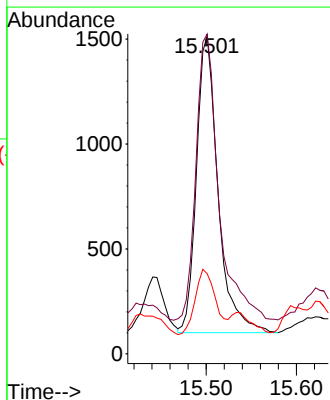
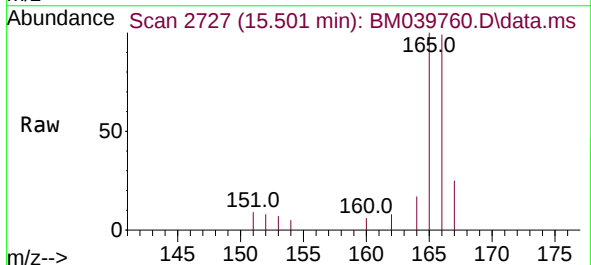
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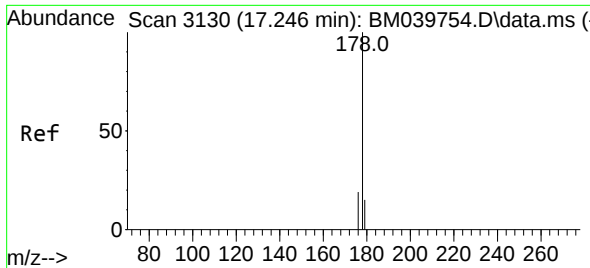
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.064 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.009 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08

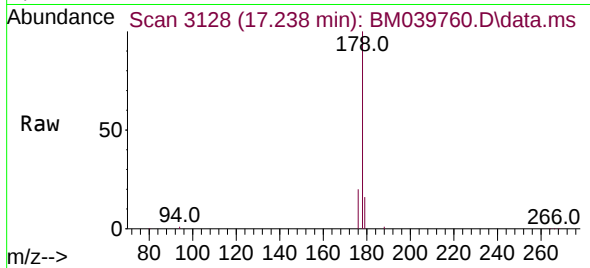
Tgt Ion:166 Resp: 2338
Ion Ratio Lower Upper
166 100
165 100.7 79.0 118.6
167 25.2 11.8 17.6#





#15
Phenanthrene
Concen: 0.851 ng/ul
RT: 17.238 min Scan# 311
Delta R.T. -0.008 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08

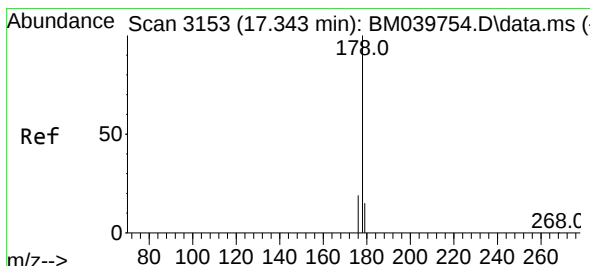
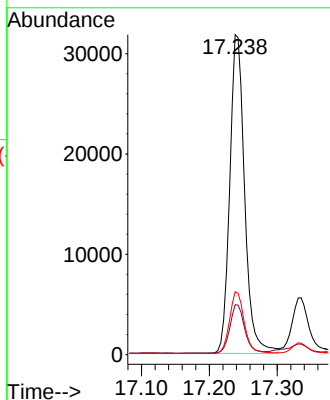
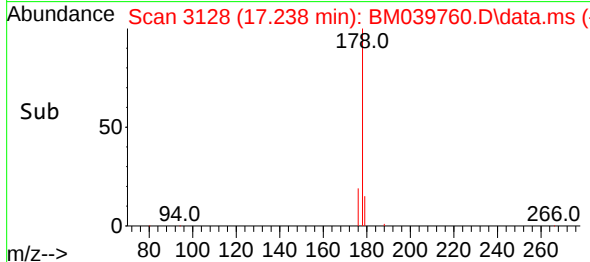
Instrument :
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ClientSampleId :
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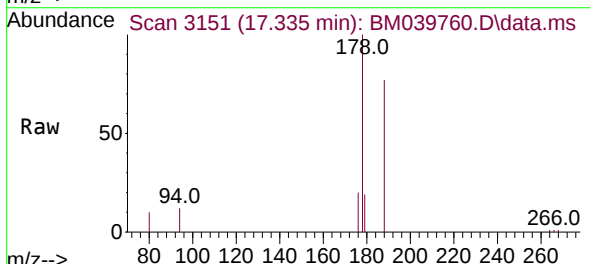
Tgt Ion:178 Resp: 4826
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.6 15.8 23.8

Manual Integrations
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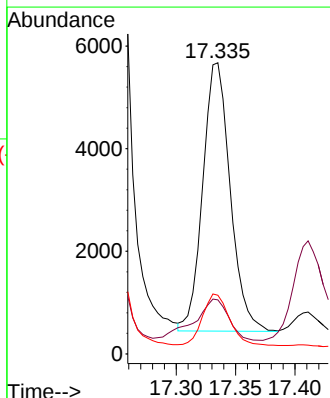
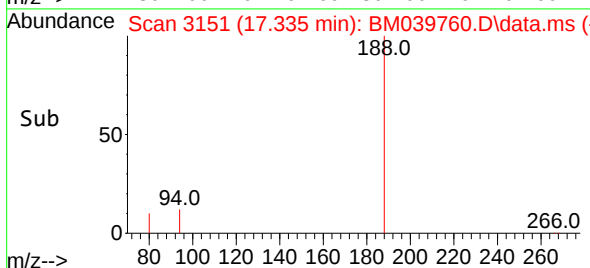
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

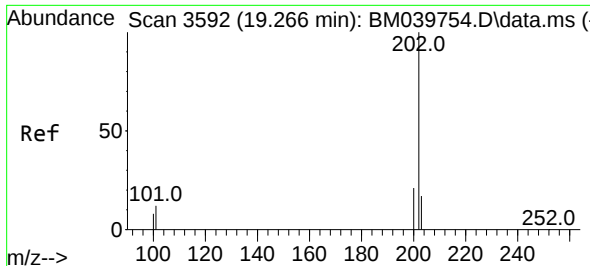


#16
Anthracene
Concen: 0.173 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08



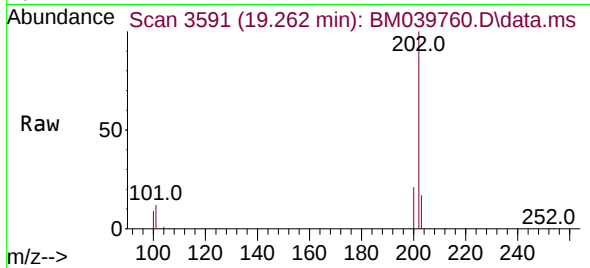
Tgt Ion:178 Resp: 8419
Ion Ratio Lower Upper
178 100
179 18.5 13.8 20.6
176 20.1 15.8 23.8





#19
Fluoranthene
Concen: 2.045 ng/ul
RT: 19.262 min Scan# 3591
Delta R.T. -0.004 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08

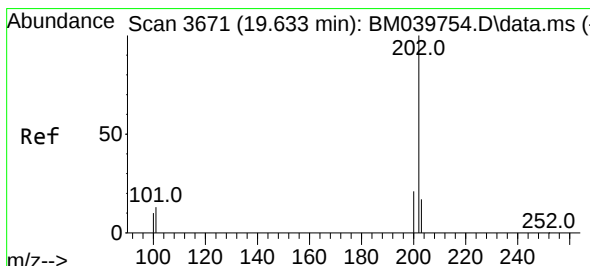
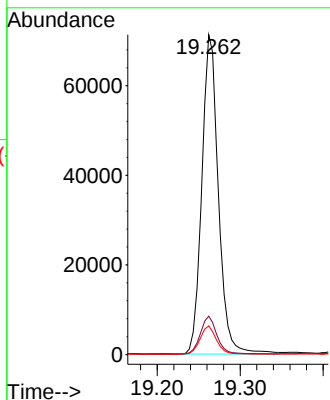
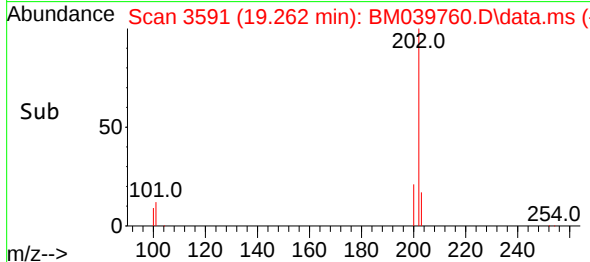
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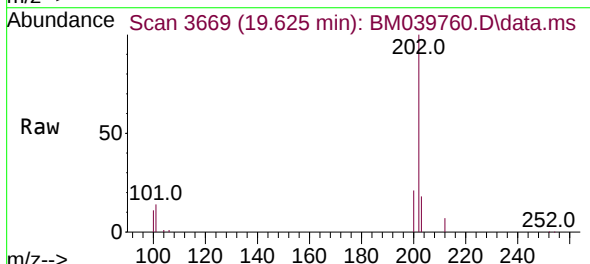
Tgt Ion:202 Resp: 98505
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 9.0 7.3 10.9

Manual Integrations
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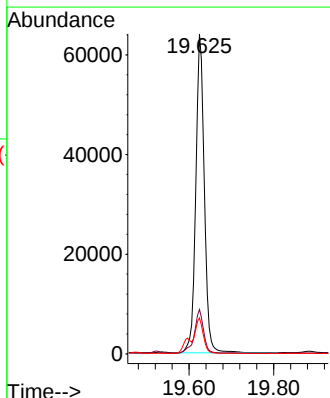
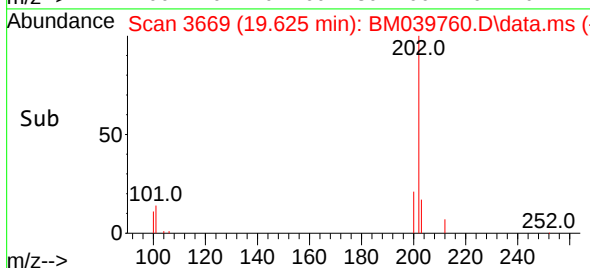
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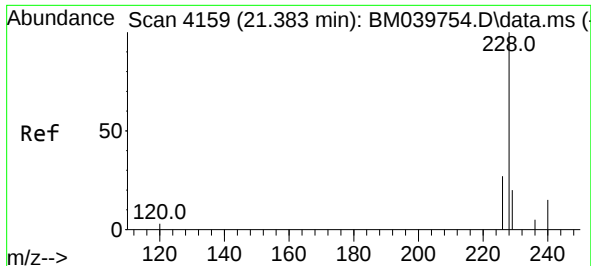


#20
Pyrene
Concen: 1.731 ng/ul
RT: 19.625 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08



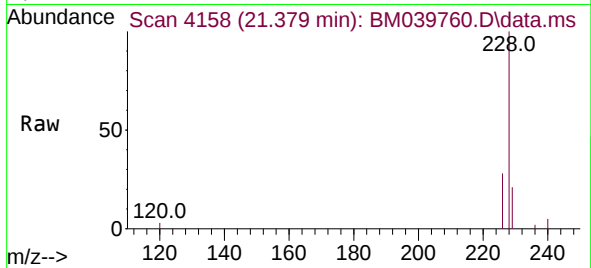
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Ion Ratio Lower Upper
202 100
101 13.9 10.9 16.3
100 11.2 8.9 13.3





#21
Benzo(a)anthracene
Concen: 0.920 ng/ul
RT: 21.379 min Scan# 4159
Delta R.T. -0.004 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08

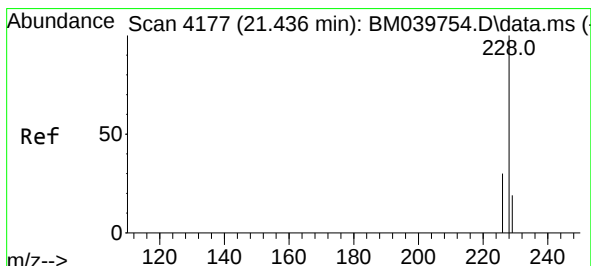
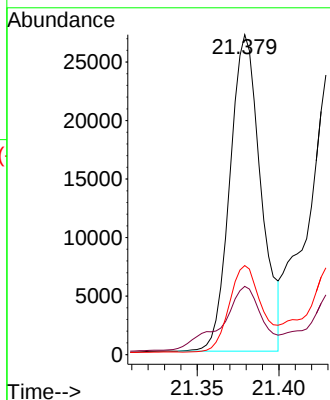
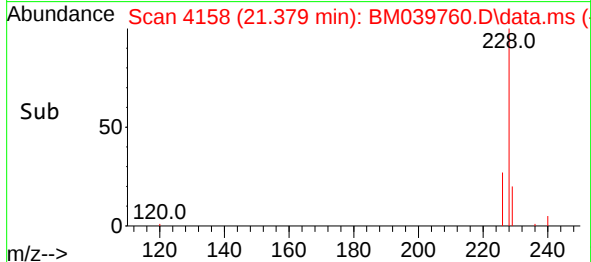
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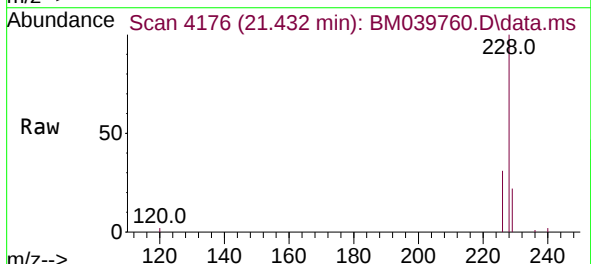
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Ion Ratio Lower Upper
228 100
229 21.3 16.2 24.2
226 27.8 21.6 32.4

Manual Integrations
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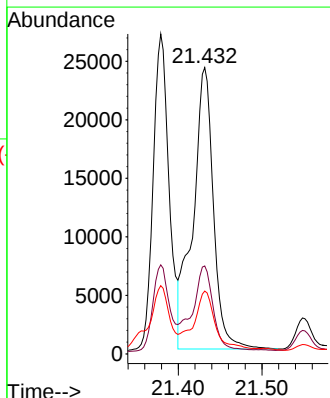
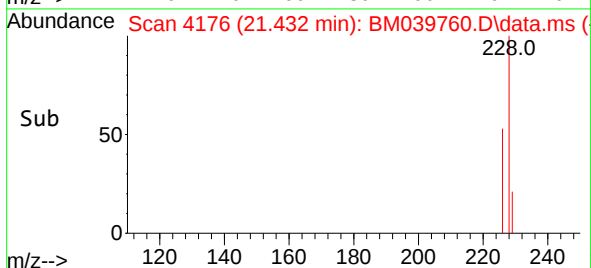
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

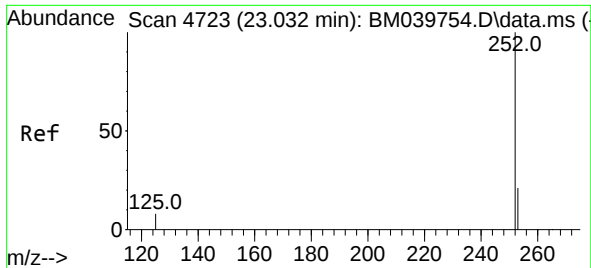


#22
Chrysene
Concen: 0.938 ng/ul
RT: 21.432 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08



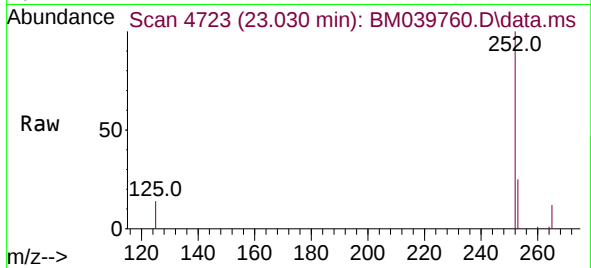
Tgt Ion:228 Resp: 41189
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.9 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.356 ng/ul
RT: 23.030 min Scan# 4723
Delta R.T. -0.001 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08

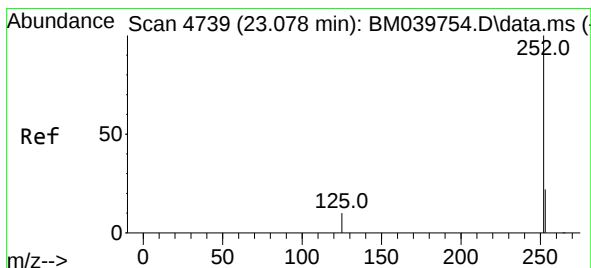
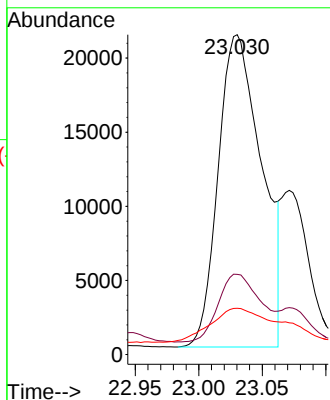
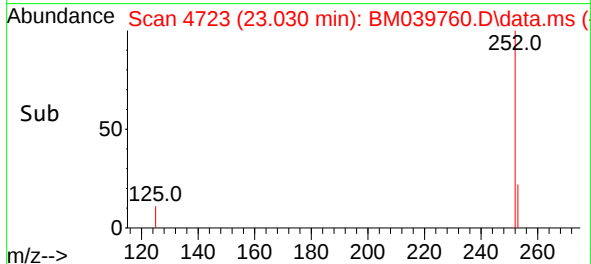
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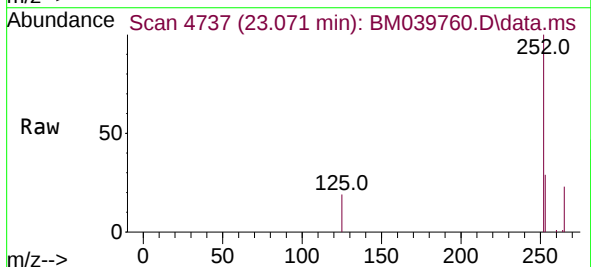
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Ion Ratio Lower Upper
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253 25.1 0.0 52.8
125 14.5 0.0 31.6

Manual Integrations
APPROVED

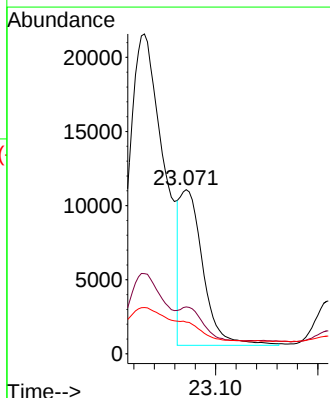
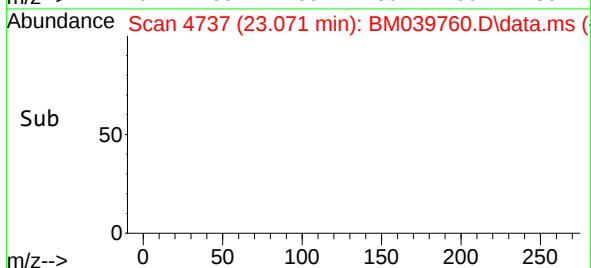
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

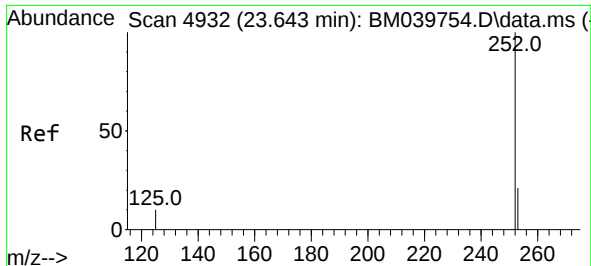


#25
Benzo(k)fluoranthene
Concen: 0.438 ng/ul m
RT: 23.071 min Scan# 4737
Delta R.T. -0.007 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08



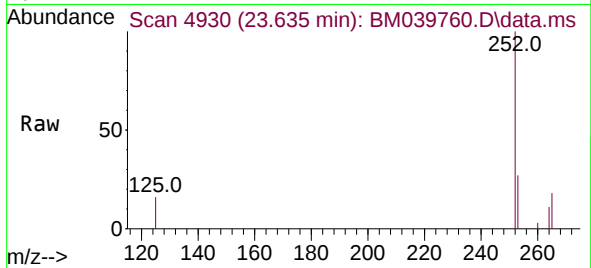
Tgt Ion:252 Resp: 16525
Ion Ratio Lower Upper
252 100
253 28.6 21.3 31.9
125 19.3 13.0 19.6





#26
Benzo(a)pyrene
Concen: 0.911 ng/ul
RT: 23.635 min Scan# 4932
Delta R.T. -0.007 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08

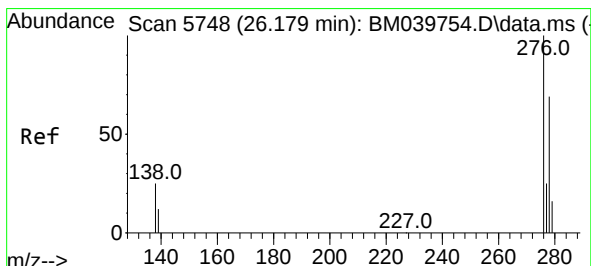
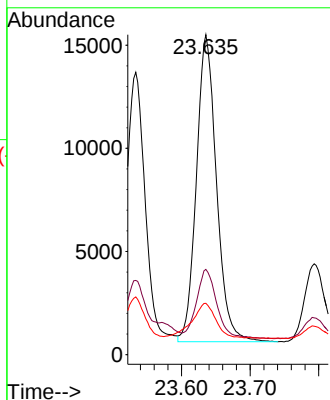
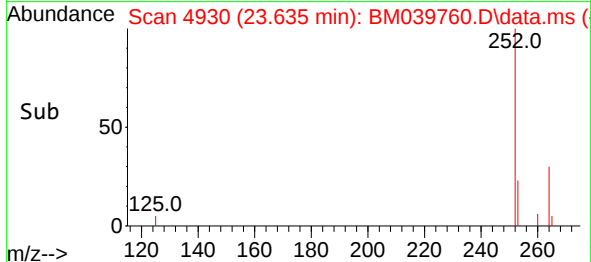
Instrument :
BNA_M
ClientSampleId :
EW8W7DL



Tgt Ion:252 Resp: 30292
Ion Ratio Lower Upper
252 100
253 26.7 24.7 37.1
125 16.0 16.5 24.7

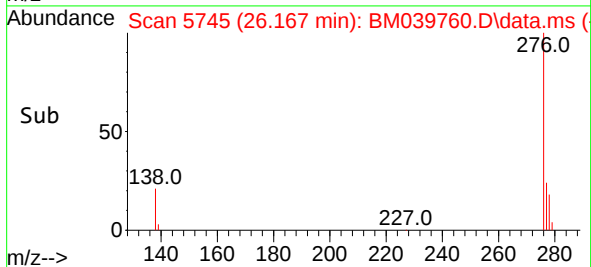
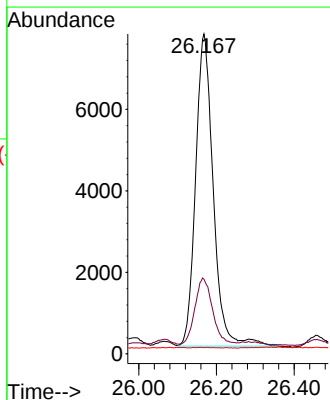
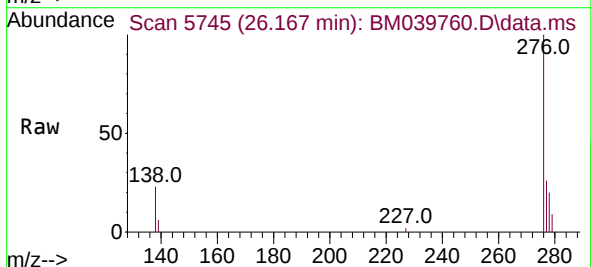
Manual Integrations
APPROVED

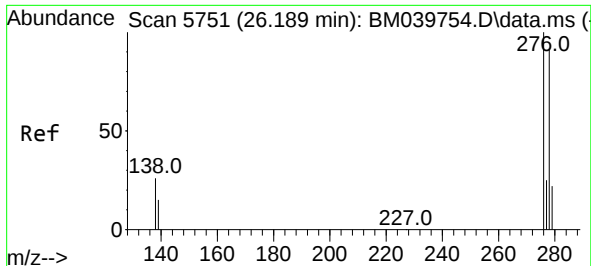
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.573 ng/ul
RT: 26.167 min Scan# 5745
Delta R.T. -0.011 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08

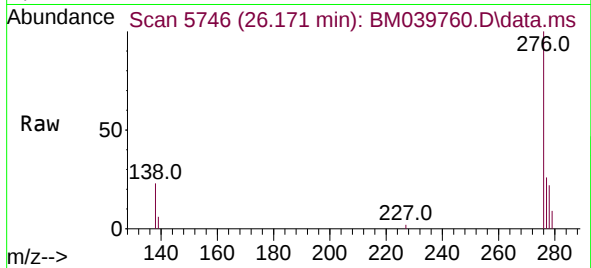
Tgt Ion:276 Resp: 24104
Ion Ratio Lower Upper
276 100
138 0.0 21.1 31.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.166 ng/ul
RT: 26.171 min Scan# 5746
Delta R.T. -0.018 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08

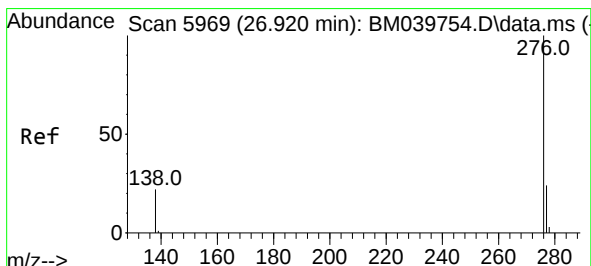
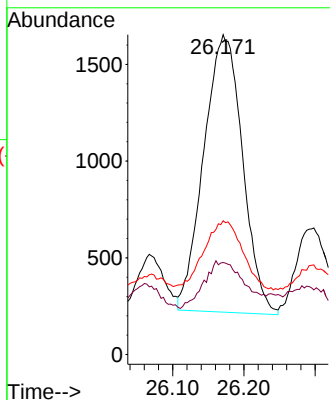
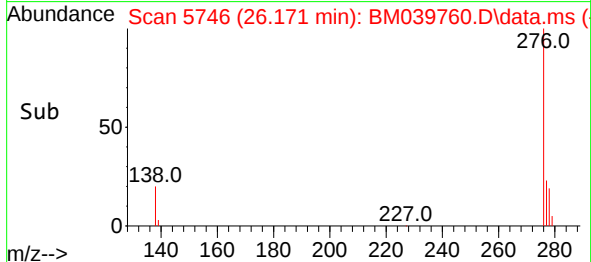
Instrument :
BNA_M
ClientSampleId :
EW8W7DL



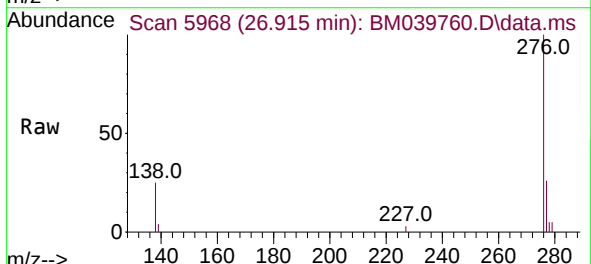
Tgt Ion:278 Resp: 542
Ion Ratio Lower Upper
278 100
139 28.8 17.0 25.6
279 41.8 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#29
Benzo(g,h,i)perylene
Concen: 0.577 ng/ul
RT: 26.915 min Scan# 5968
Delta R.T. -0.005 min
Lab File: BM039760.D
Acq: 29 Apr 2023 06:08



Tgt Ion:276 Resp: 21159
Ion Ratio Lower Upper
276 100
138 24.6 20.1 30.1
277 26.1 20.1 30.1

