

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039731.D
 Acq On : 28 Apr 2023 12:02
 Operator : CG/JU
 Sample : 02418-07DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z3DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 02:03:33 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	7.804	152	2872	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.612	136	10706	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	6719	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	14529	0.400	ng/ul	-0.01
17) Chrysene-d12	21.399	240	13767	0.400	ng/ul	0.00
23) Perylene-d12	23.746	264	12579	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	1994	0.471	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	400	0.029	ng/ul	0.03
18) Fluoranthene-d10	19.239	212	1244	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.661	128	742	0.028	ng/ul#	54
10) Acenaphthylene	14.173	152	1074	0.041	ng/ul#	72
11) Acenaphthene	14.515	153	1261	0.062	ng/ul	96
12) Fluorene	15.510	166	1263	0.056	ng/ul#	96
15) Phenanthrene	17.242	178	23746	0.620	ng/ul	100
16) Anthracene	17.339	178	5140	0.156	ng/ul#	92
19) Fluoranthene	19.266	202	47747	0.972	ng/ul	99
20) Pyrene	19.629	202	44581	0.841	ng/ul	99
21) Benzo(a)anthracene	21.385	228	22761	0.575	ng/ul	97
22) Chrysene	21.437	228	20131	0.449	ng/ul	98
24) Benzo(b)fluoranthene	23.036	252	28320	0.641	ng/ul	100
25) Benzo(k)fluoranthene	23.074	252	11012m	0.245	ng/ul	
26) Benzo(a)pyrene	23.641	252	16265	0.410	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.177	276	11174	0.223	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.181	278	2610	0.067	ng/ul#	63
29) Benzo(g,h,i)perylene	26.929	276	1754	0.040	ng/ul#	65

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

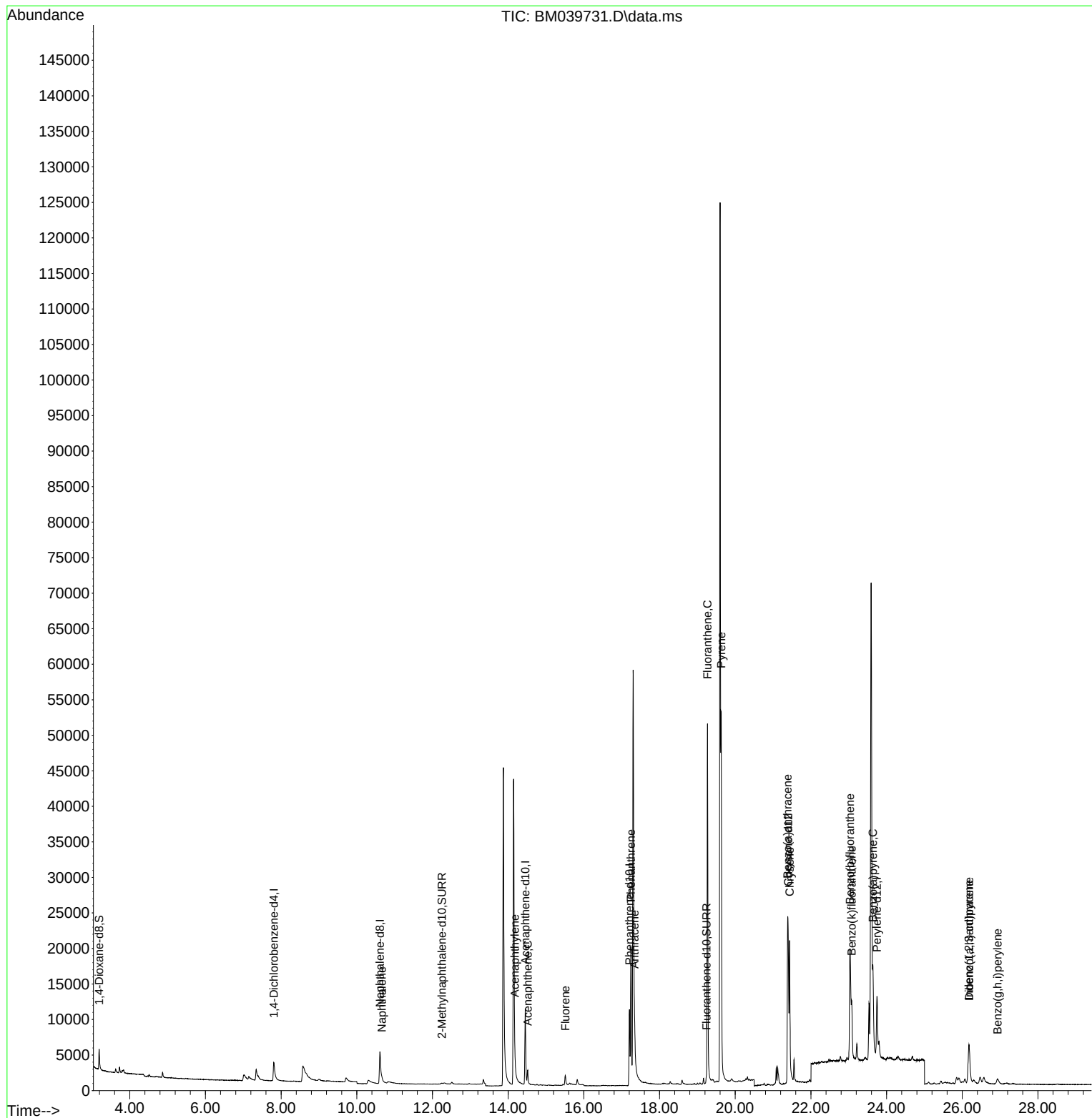
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039731.D
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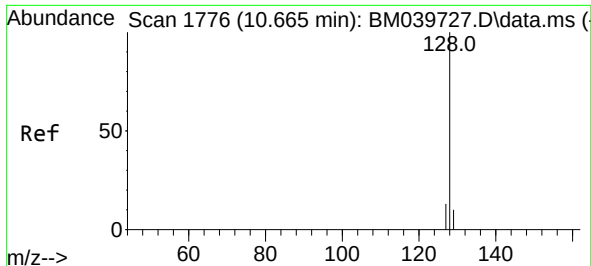
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Quant Time: Apr 29 02:03:33 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
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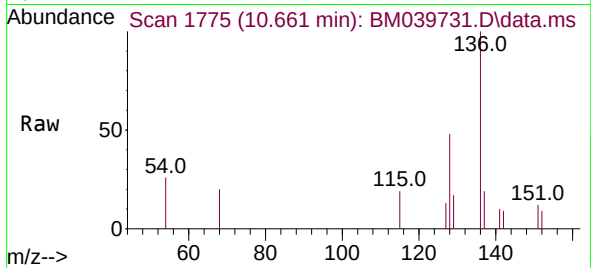
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023





#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.661 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BM039731.D
Acq: 28 Apr 2023 12:02

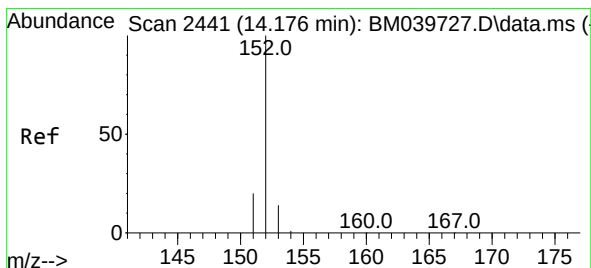
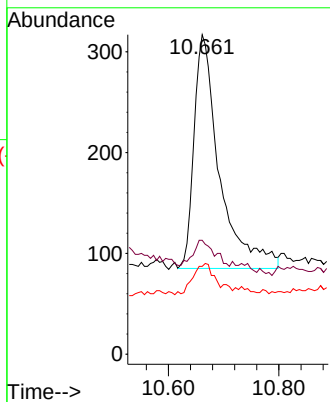
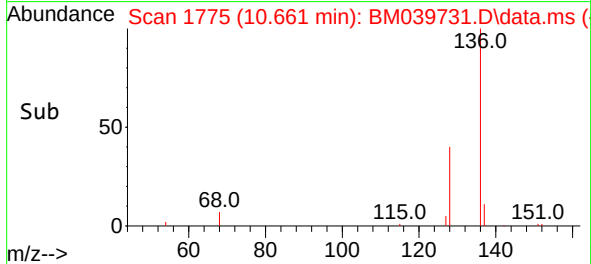
Instrument :
BNA_M
ClientSampleId :
EW8Z3DL



Tgt Ion:128 Resp: 742
Ion Ratio Lower Upper
128 100
129 35.6 9.8 14.6#
127 27.4 11.1 16.7#

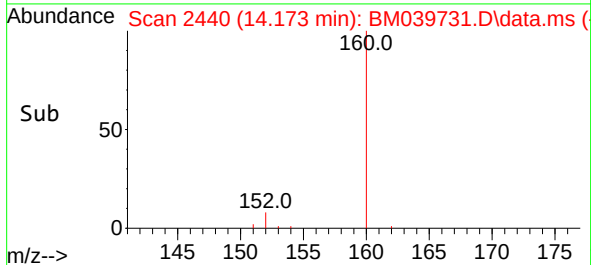
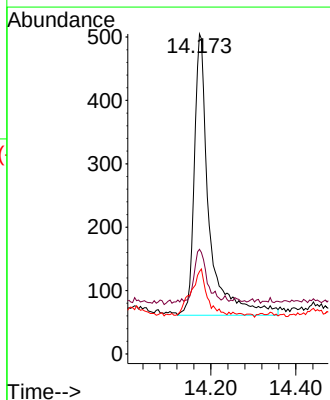
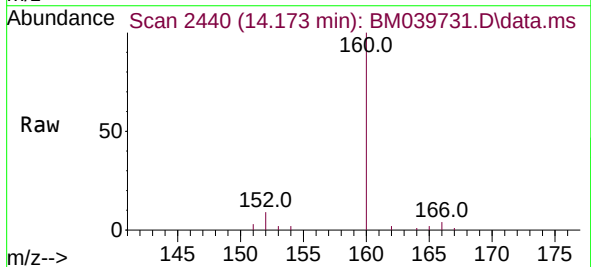
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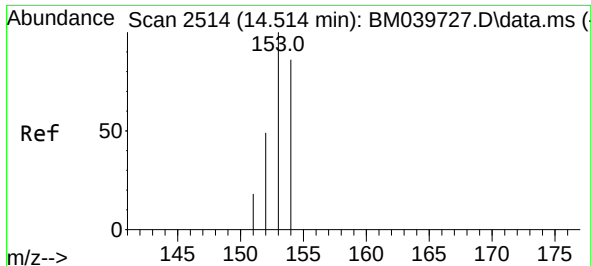
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BM039731.D
Acq: 28 Apr 2023 12:02

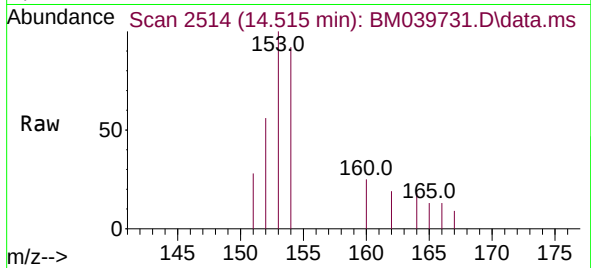
Tgt Ion:152 Resp: 1074
Ion Ratio Lower Upper
152 100
151 32.7 16.0 24.0#
153 25.7 11.2 16.8#





#11
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.515 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM039731.D
Acq: 28 Apr 2023 12:02

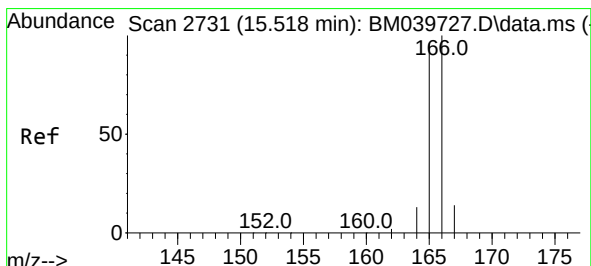
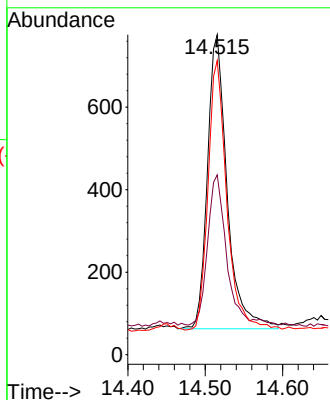
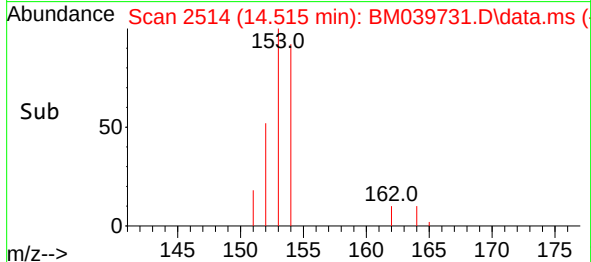
Instrument :
BNA_M
ClientSampleId :
EW8Z3DL



Tgt Ion:153 Resp: 1263
Ion Ratio Lower Upper
153 100
152 56.2 40.6 61.0
154 91.9 71.9 107.9

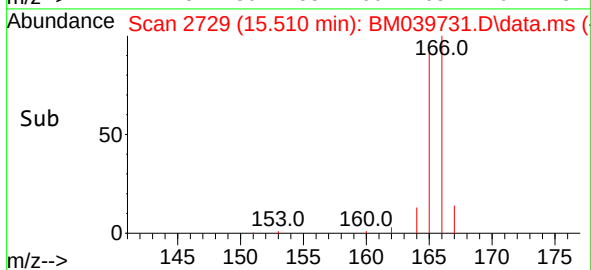
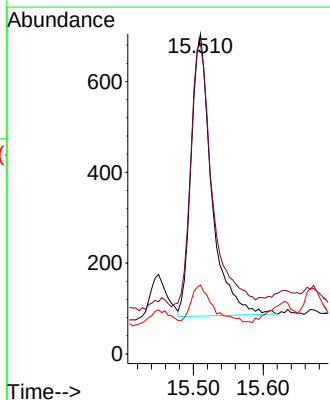
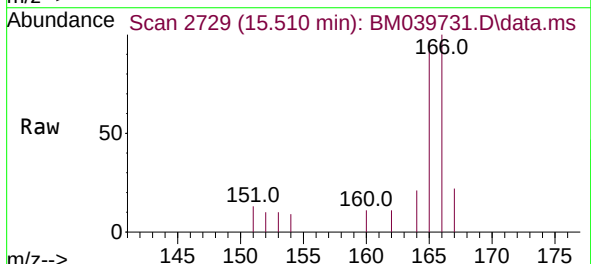
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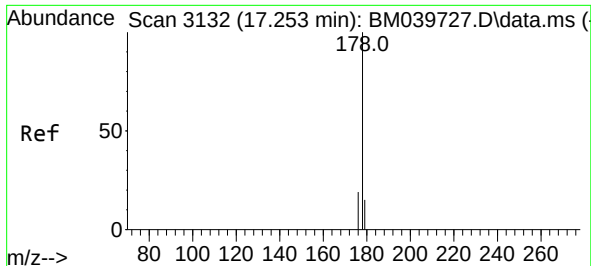
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.056 ng/ul
RT: 15.510 min Scan# 2729
Delta R.T. -0.009 min
Lab File: BM039731.D
Acq: 28 Apr 2023 12:02

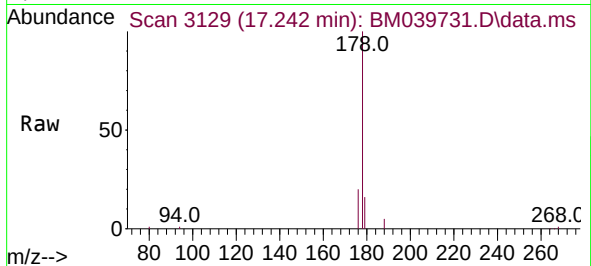
Tgt Ion:166 Resp: 1263
Ion Ratio Lower Upper
166 100
165 96.9 79.0 118.6
167 21.6 11.8 17.6#





#15
Phenanthrene
Concen: 0.620 ng/ul
RT: 17.242 min Scan# 3132
Delta R.T. -0.013 min
Lab File: BM039731.D
Acq: 28 Apr 2023 12:02

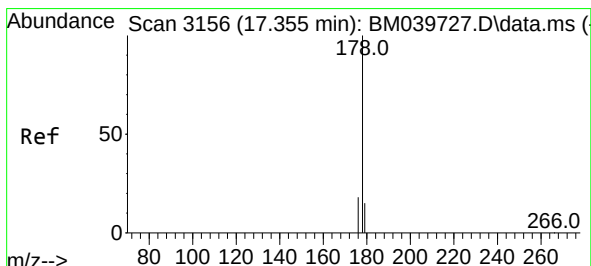
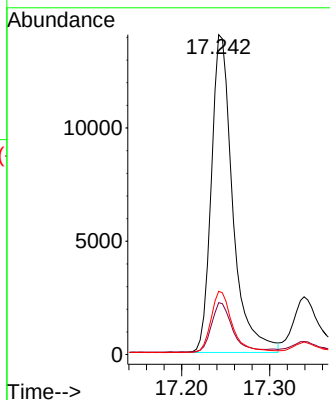
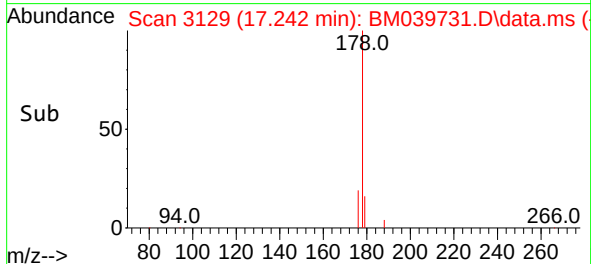
Instrument :
BNA_M
ClientSampleId :
EW8Z3DL



Tgt Ion:178 Resp: 23746
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.8 15.8 23.8

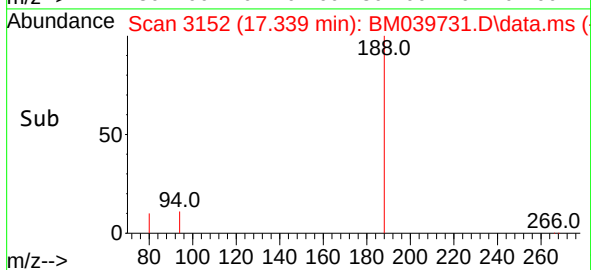
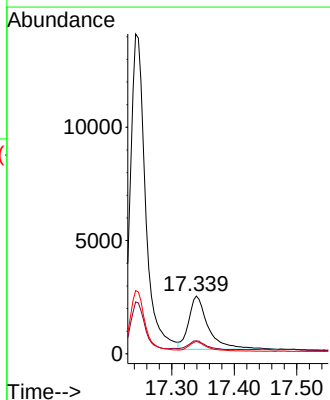
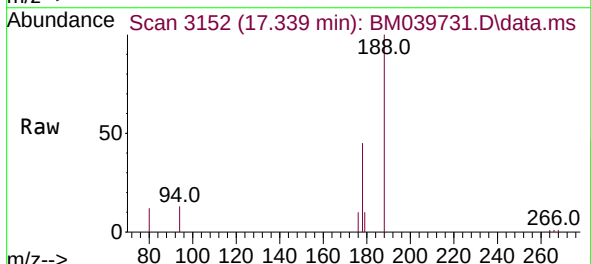
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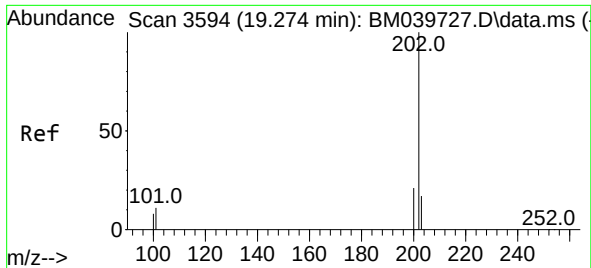
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#16
Anthracene
Concen: 0.156 ng/ul
RT: 17.339 min Scan# 3152
Delta R.T. -0.017 min
Lab File: BM039731.D
Acq: 28 Apr 2023 12:02

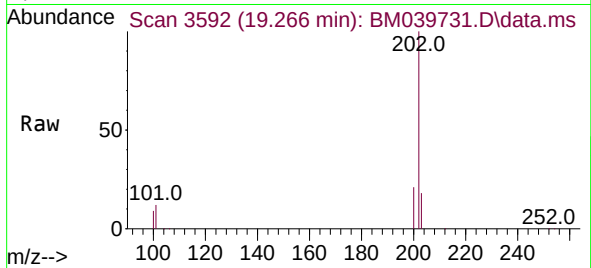
Tgt Ion:178 Resp: 5140
Ion Ratio Lower Upper
178 100
179 22.6 13.8 20.6#
176 21.7 15.8 23.8





#19
Fluoranthene
Concen: 0.972 ng/u1
RT: 19.266 min Scan# 3592
Delta R.T. -0.009 min
Lab File: BM039731.D
Acq: 28 Apr 2023 12:02

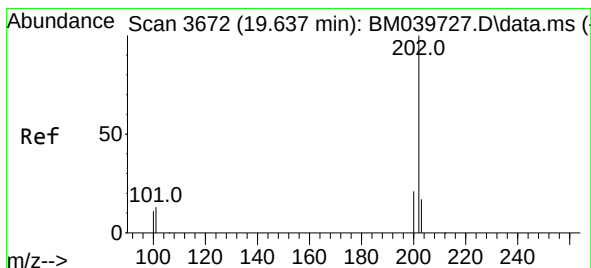
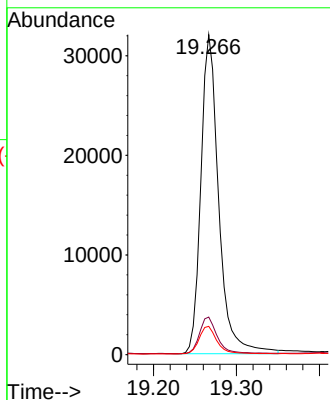
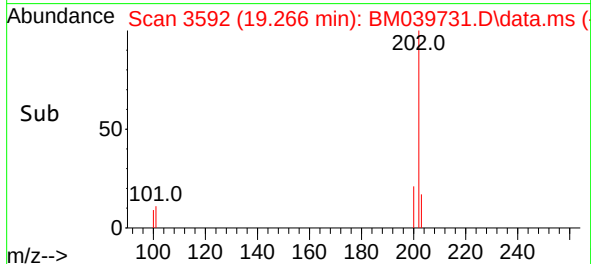
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BNA_M
ClientSampleId :
EW8Z3DL



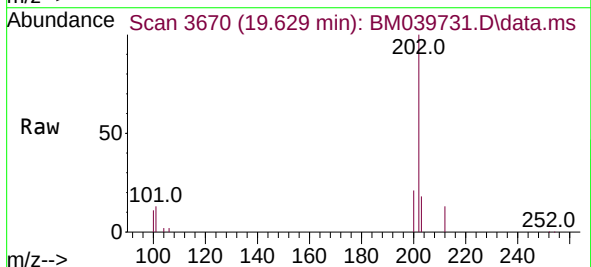
Tgt Ion:202 Resp: 4774
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.8 7.3 10.9

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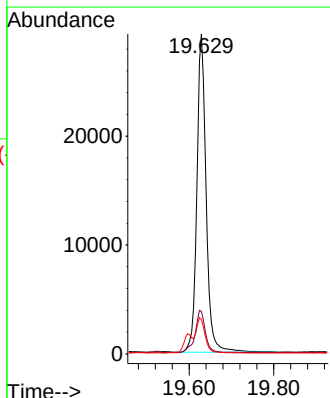
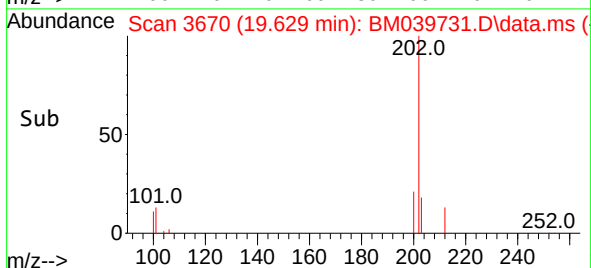
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

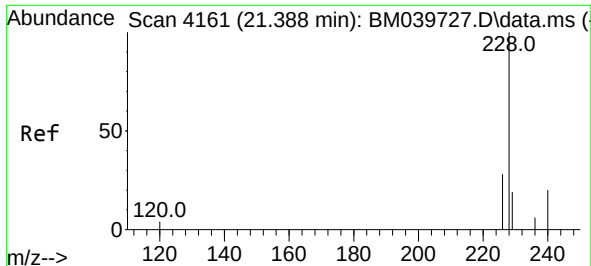


#20
Pyrene
Concen: 0.841 ng/u1
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039731.D
Acq: 28 Apr 2023 12:02



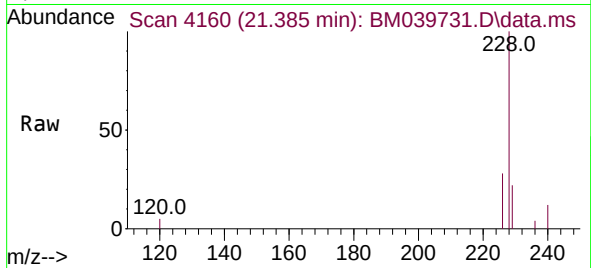
Tgt Ion:202 Resp: 44581
Ion Ratio Lower Upper
202 100
101 13.3 10.9 16.3
100 10.8 8.9 13.3





#21
Benzo(a)anthracene
Concen: 0.575 ng/ul
RT: 21.385 min Scan# 4161
Delta R.T. -0.012 min
Lab File: BM039731.D
Acq: 28 Apr 2023 12:02

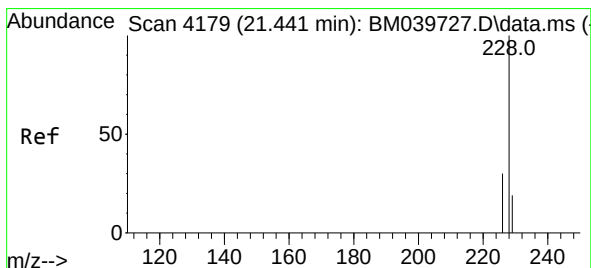
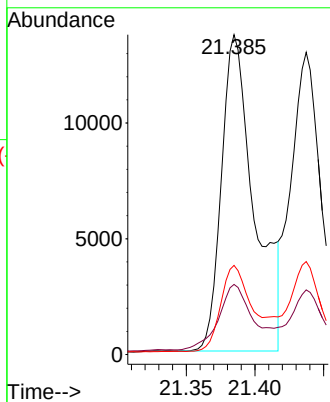
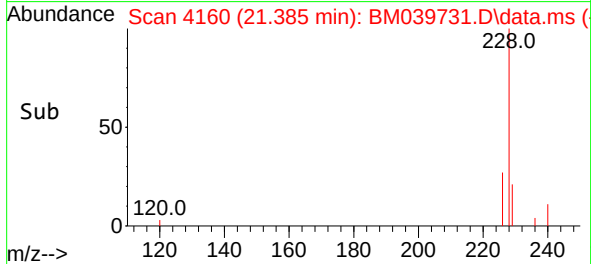
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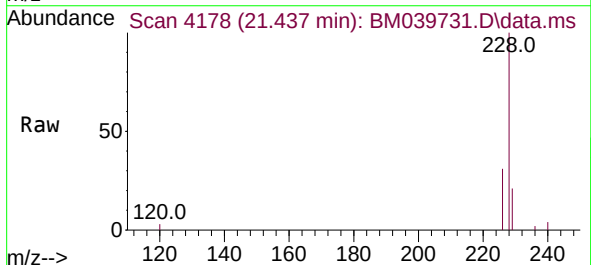
Tgt Ion:228 Resp: 22761
Ion Ratio Lower Upper
228 100
229 21.9 16.2 24.2
226 27.9 21.6 32.4

Manual Integrations
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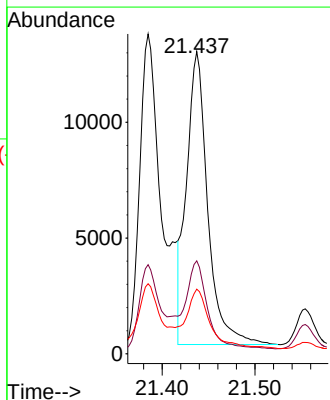
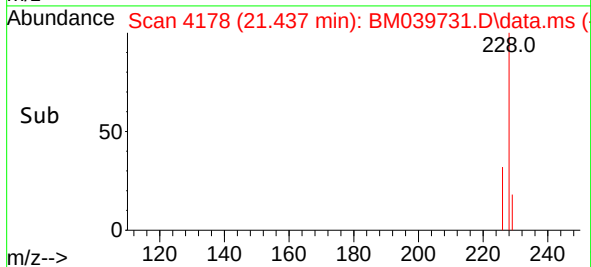
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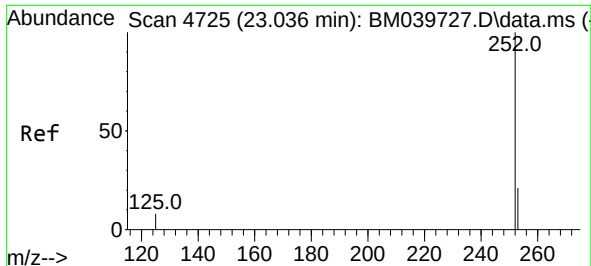


#22
Chrysene
Concen: 0.449 ng/ul
RT: 21.437 min Scan# 4178
Delta R.T. -0.009 min
Lab File: BM039731.D
Acq: 28 Apr 2023 12:02



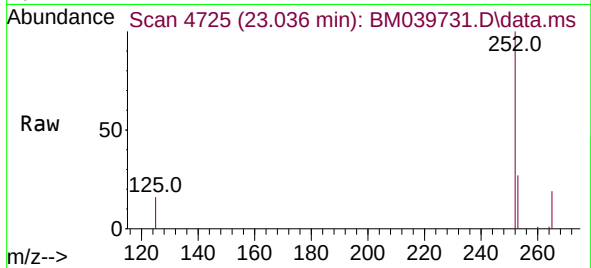
Tgt Ion:228 Resp: 20131
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 21.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.641 ng/ul
RT: 23.036 min Scan# 4725
Delta R.T. -0.009 min
Lab File: BM039731.D
Acq: 28 Apr 2023 12:02

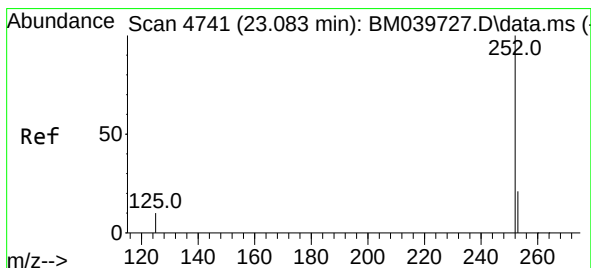
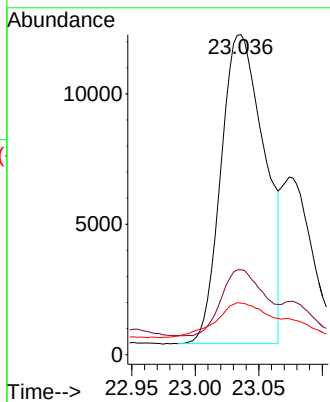
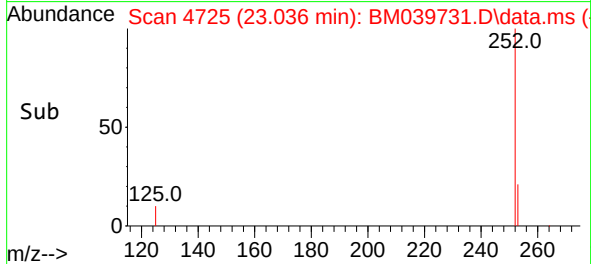
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EW8Z3DL



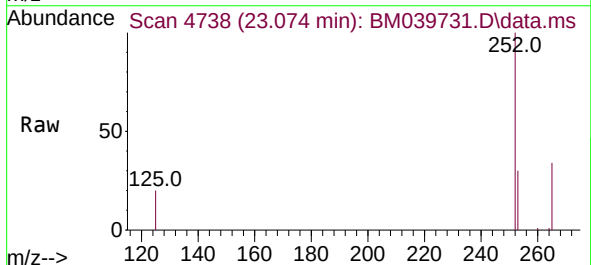
Tgt Ion:252 Resp: 28320
Ion Ratio Lower Upper
252 100
253 26.5 0.0 52.8
125 16.1 0.0 31.6

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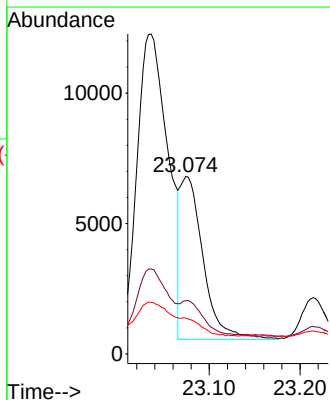
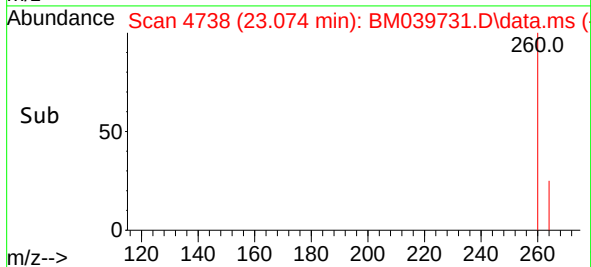
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

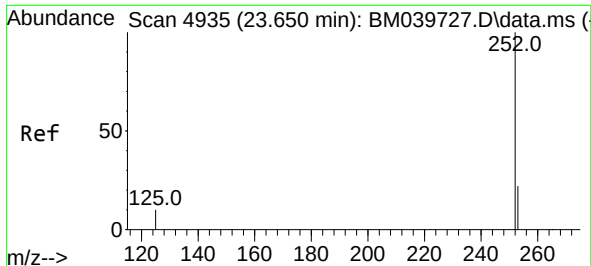


#25
Benzo(k)fluoranthene
Concen: 0.245 ng/ul m
RT: 23.074 min Scan# 4738
Delta R.T. -0.020 min
Lab File: BM039731.D
Acq: 28 Apr 2023 12:02



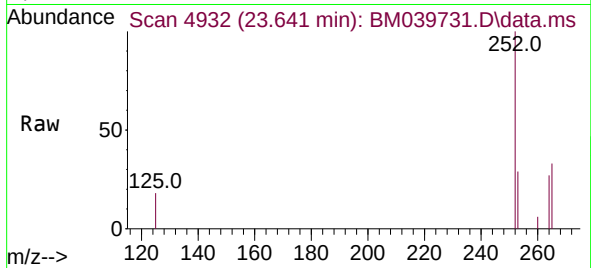
Tgt Ion:252 Resp: 11012
Ion Ratio Lower Upper
252 100
253 29.9 21.3 31.9
125 20.2 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.641 min Scan# 4932
Delta R.T. -0.023 min
Lab File: BM039731.D
Acq: 28 Apr 2023 12:02

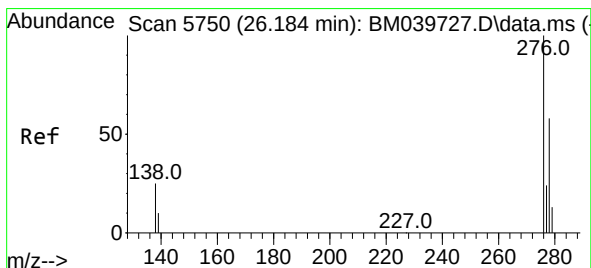
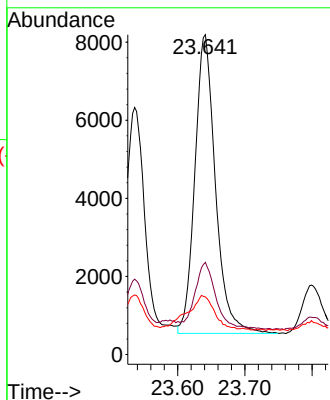
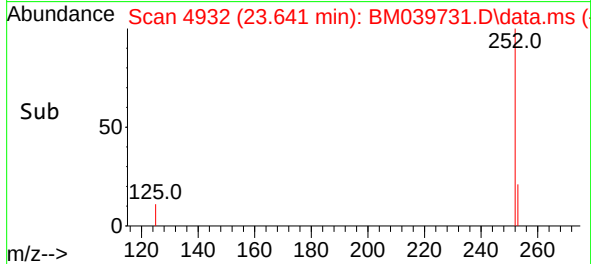
Instrument :
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ClientSampleId :
EW8Z3DL



Tgt Ion:252 Resp: 16265
Ion Ratio Lower Upper
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125 18.0 16.5 24.7

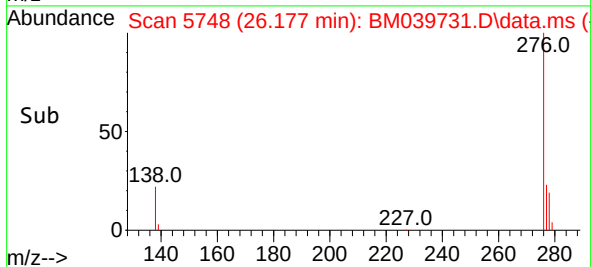
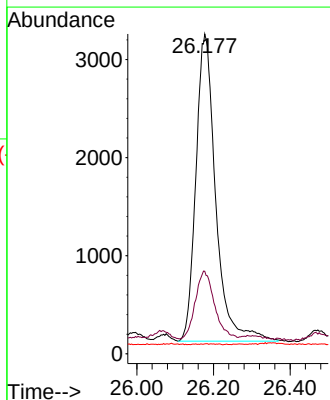
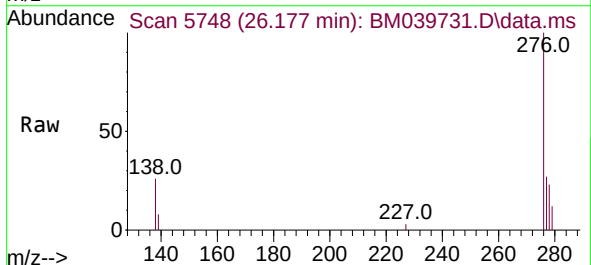
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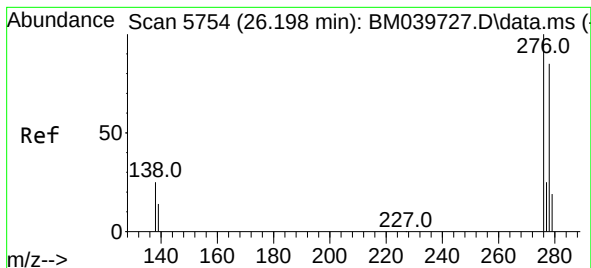
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.223 ng/ul
RT: 26.177 min Scan# 5748
Delta R.T. -0.023 min
Lab File: BM039731.D
Acq: 28 Apr 2023 12:02

Tgt Ion:276 Resp: 11174
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: 0.067 ng/ul

RT: 26.181 min Scan# 51

Delta R.T. -0.037 min

Lab File: BM039731.D

Acq: 28 Apr 2023 12:02

Instrument :

BNA_M

ClientSampleId :

EW8Z3DL

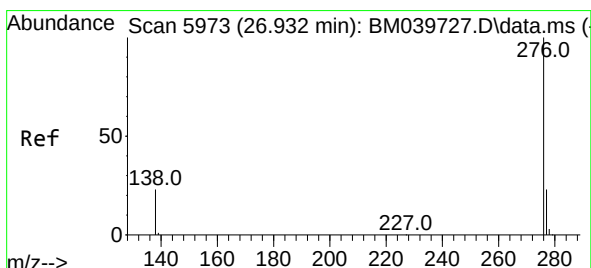
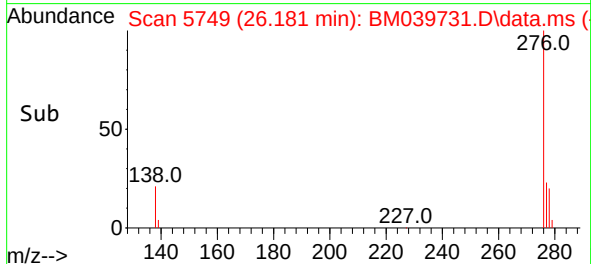
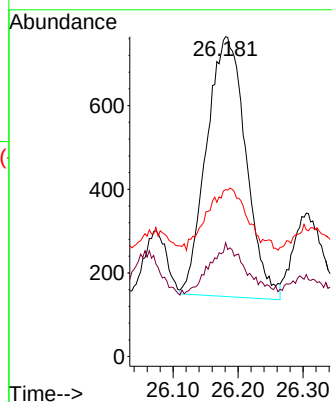
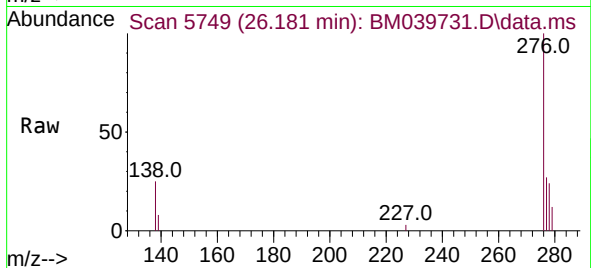
Tgt Ion:	278	Resp:	2610
Ion Ratio	Lower	Upper	
278	100		
139	35.6	17.0	25.6
279	52.2	23.4	35.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#29

Benzo(g,h,i)perylene

Concen: 0.040 ng/ul

RT: 26.929 min Scan# 5972

Delta R.T. -0.020 min

Lab File: BM039731.D

Acq: 28 Apr 2023 12:02

Tgt Ion:	276	Resp:	1754
Ion Ratio	Lower	Upper	
276	100		
138	43.6	20.1	30.1#
277	41.3	20.1	30.1#

