

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039765.D
 Acq On : 29 Apr 2023 09:08
 Operator : CG/JU
 Sample : 02417-07DL 5X
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X3DL

Manual Integrations
 APPROVED

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

Quant Time: May 01 01:33:31 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	4663	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.599	136	18834	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.445	164	11743	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.199	188	24676	0.400	ng/ul	0.00
17) Chrysene-d12	21.394	240	17043	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	14672	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	3611	0.525	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	1065	0.044	ng/ul	0.00
18) Fluoranthene-d10	19.233	212	2455	0.054	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.649	128	2021	0.043	ng/ul#	86
7) 2-Methylnaphthalene	12.282	142	1375	0.050	ng/ul	91
8) 1-Methylnaphthalene	12.491	142	899	0.031	ng/ul	97
10) Acenaphthylene	14.167	152	1323	0.029	ng/ul#	75
11) Acenaphthene	14.510	153	1531	0.043	ng/ul	97
12) Fluorene	15.500	166	1678	0.042	ng/ul#	98
15) Phenanthrene	17.241	178	34632	0.533	ng/ul	99
16) Anthracene	17.334	178	7733	0.139	ng/ul	96
19) Fluoranthene	19.265	202	92791	1.526	ng/ul	97
20) Pyrene	19.628	202	84067	1.280	ng/ul	99
21) Benzo(a)anthracene	21.379	228	39554m	0.807	ng/ul	
22) Chrysene	21.432	228	46000m	0.830	ng/ul	
24) Benzo(b)fluoranthene	23.031	252	58432	1.134	ng/ul	97
25) Benzo(k)fluoranthene	23.072	252	17335m	0.330	ng/ul	
26) Benzo(a)pyrene	23.636	252	36084	0.780	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.171	276	27525	0.471	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.174	278	5838	0.129	ng/ul#	83
29) Benzo(g,h,i)perylene	26.909	276	25933	0.509	ng/ul	100

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

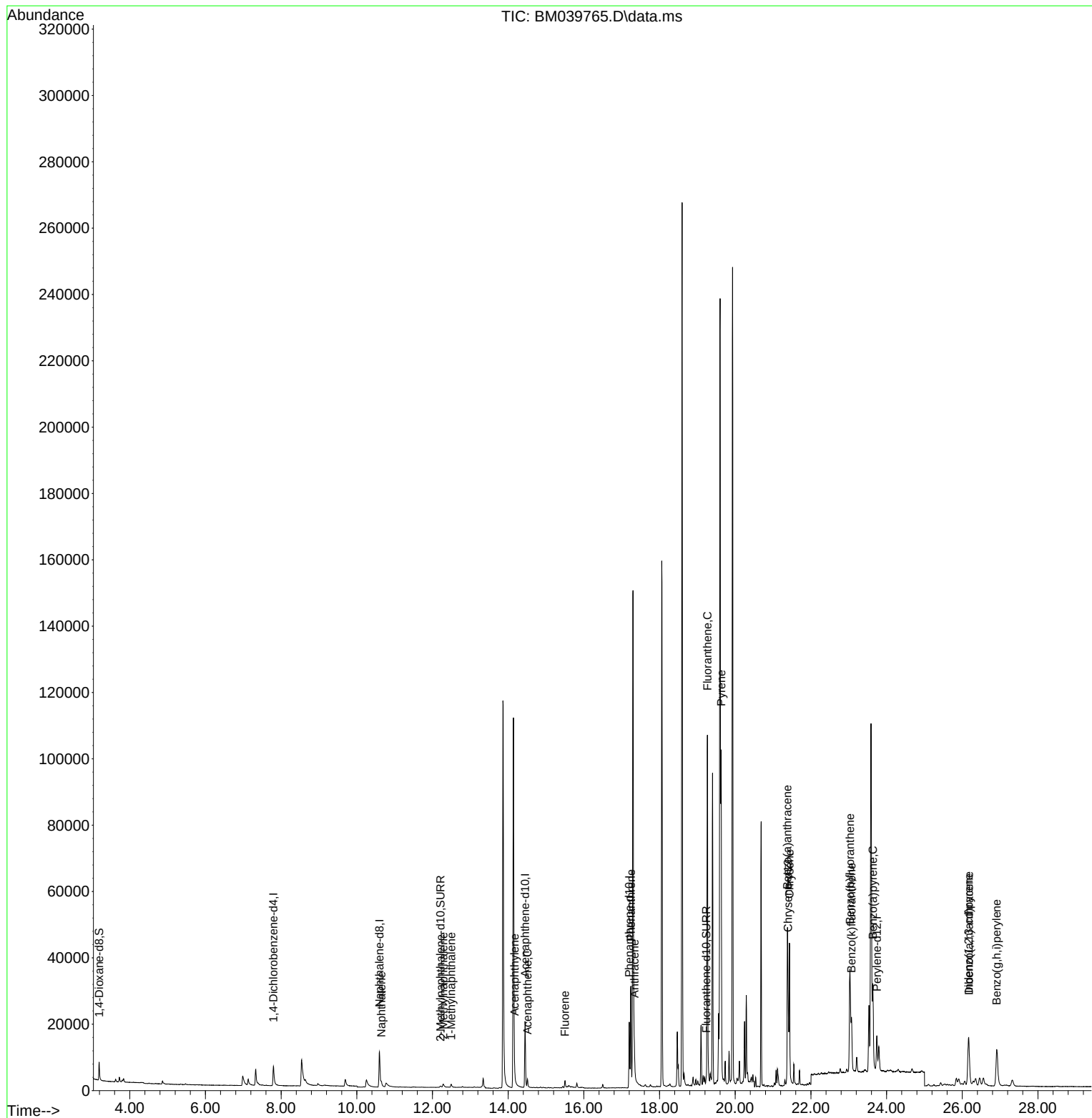
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039765.D
Acq On : 29 Apr 2023 09:08
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ALS Vial : 69 Sample Multiplier: 1

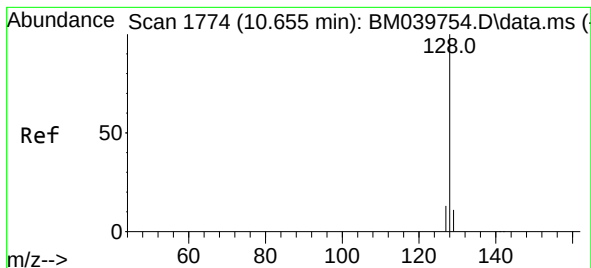
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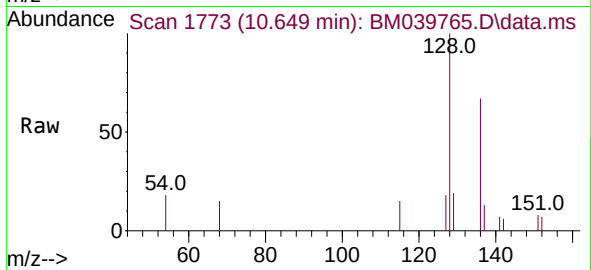
Quant Time: May 01 01:33:31 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
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#5
Naphthalene
Concen: 0.043 ng/ul
RT: 10.649 min Scan# 1773
Delta R.T. -0.007 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

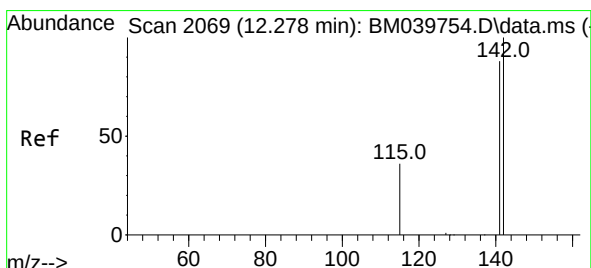
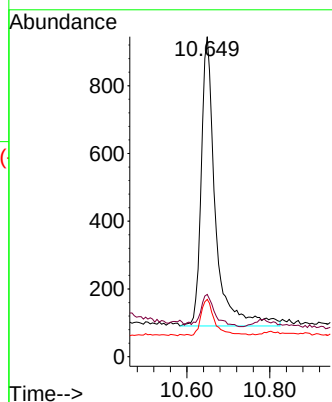
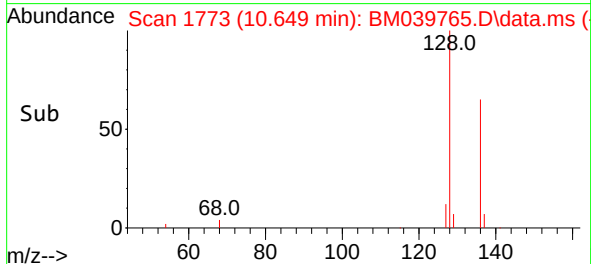
Instrument :
BNA_M
ClientSampleId :
EW8X3DL



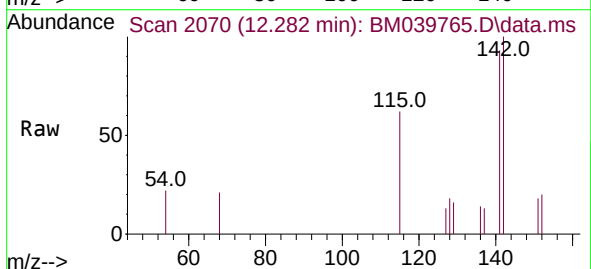
Tgt Ion:128 Resp: 2021
Ion Ratio Lower Upper
128 100
129 19.5 9.8 14.6
127 17.9 11.1 16.7

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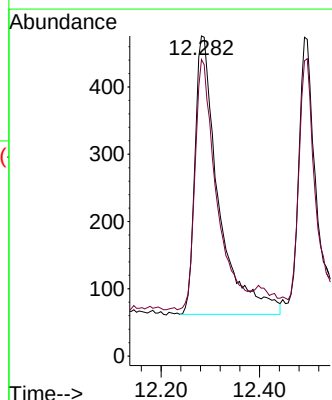
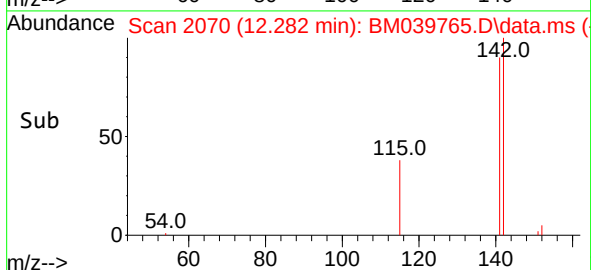
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

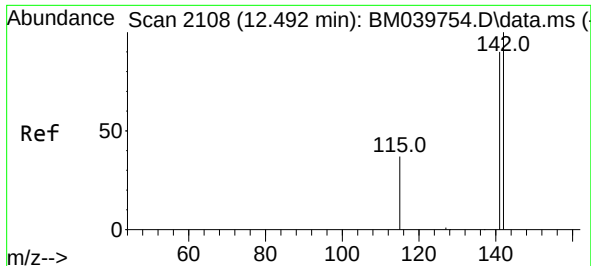


#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.282 min Scan# 2070
Delta R.T. 0.004 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08



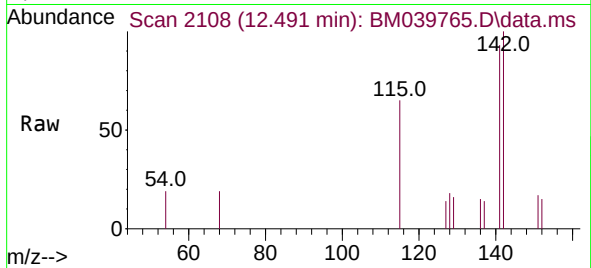
Tgt Ion:142 Resp: 1375
Ion Ratio Lower Upper
142 100
141 82.5 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.491 min Scan# 2108
Delta R.T. -0.001 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

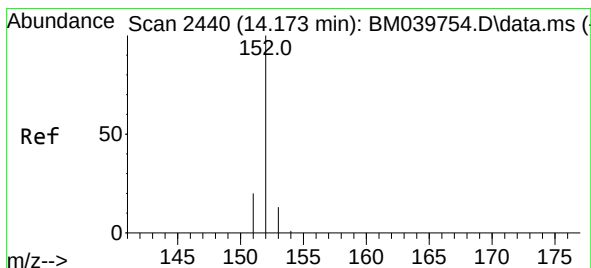
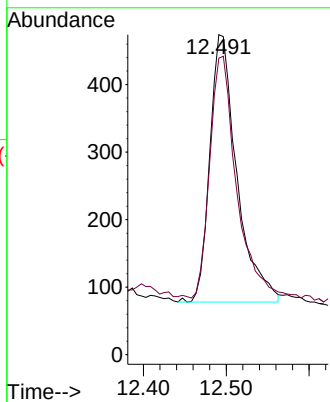
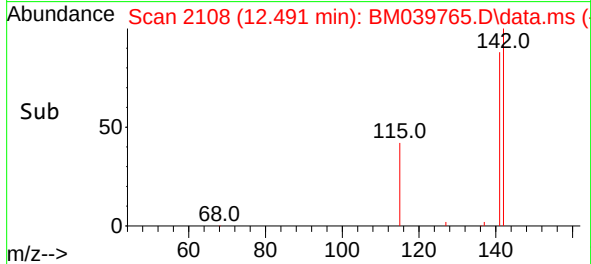
Instrument :
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Ion Ratio Lower Upper
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141 88.9 73.4 110.2

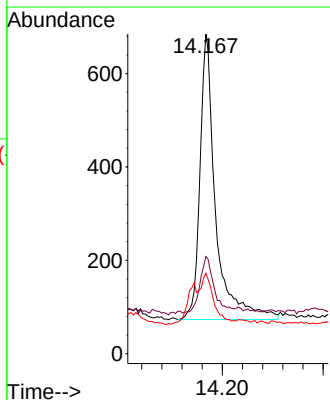
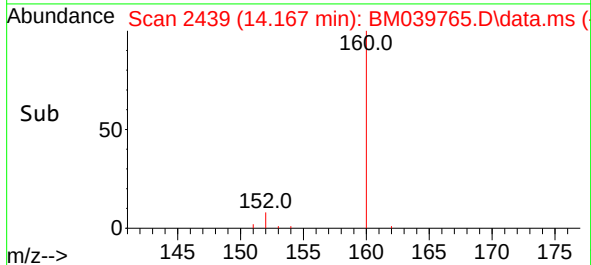
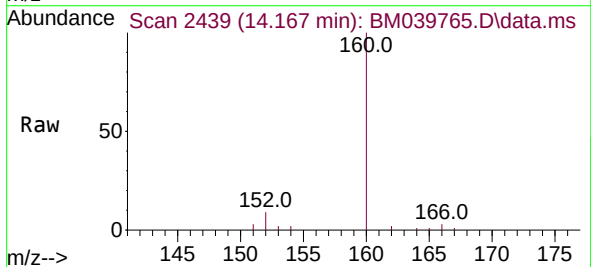
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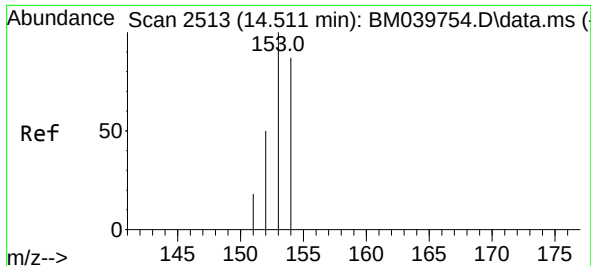
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.167 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

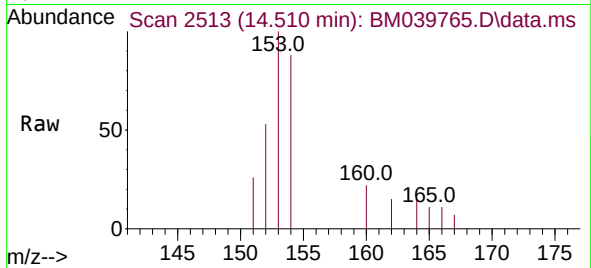
Tgt Ion:152 Resp: 1323
Ion Ratio Lower Upper
152 100
151 30.4 16.0 24.0#
153 25.1 11.2 16.8#





#11
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.510 min Scan# 2513
Delta R.T. -0.001 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

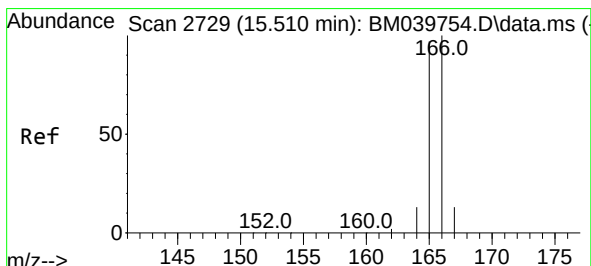
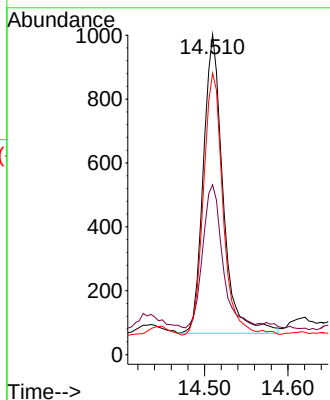
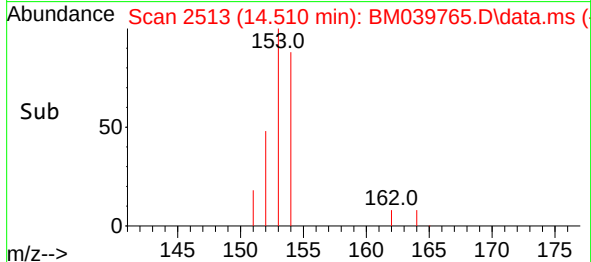
Instrument :
BNA_M
ClientSampleId :
EW8X3DL



Tgt Ion:153 Resp: 1531
Ion Ratio Lower Upper
153 100
152 53.1 40.6 61.0
154 87.9 71.9 107.9

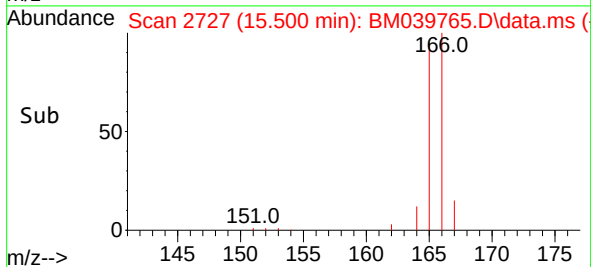
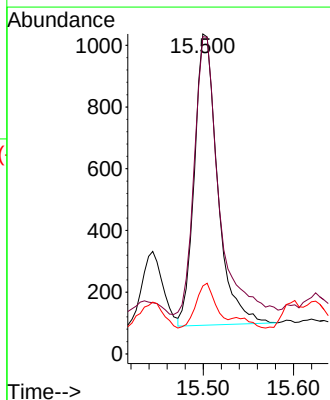
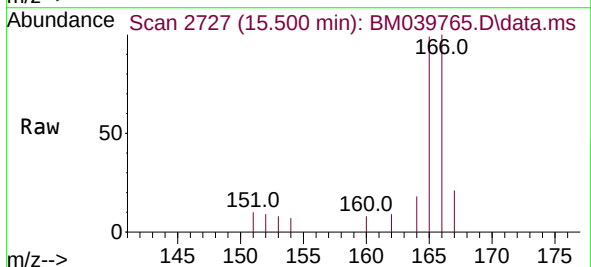
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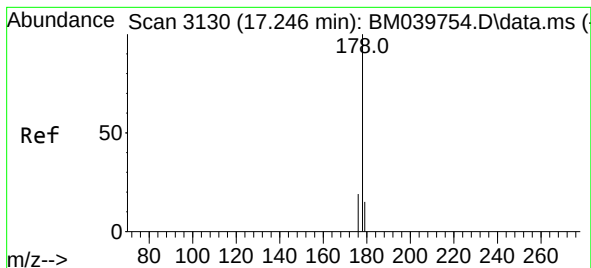
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.042 ng/ul
RT: 15.500 min Scan# 2727
Delta R.T. -0.010 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

Tgt Ion:166 Resp: 1678
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.6
167 21.2 11.8 17.6#





#15

Phenanthrene

Concen: 0.533 ng/ul

RT: 17.241 min Scan# 3129

Delta R.T. -0.005 min

Lab File: BM039765.D

Acq: 29 Apr 2023 09:08

Instrument :

BNA_M

ClientSampleId :

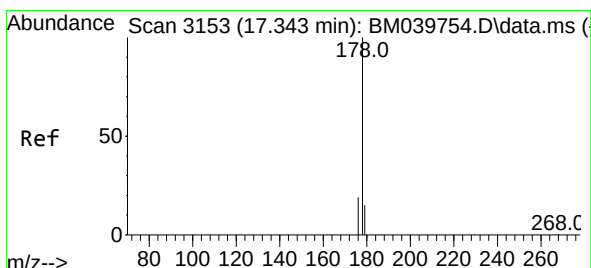
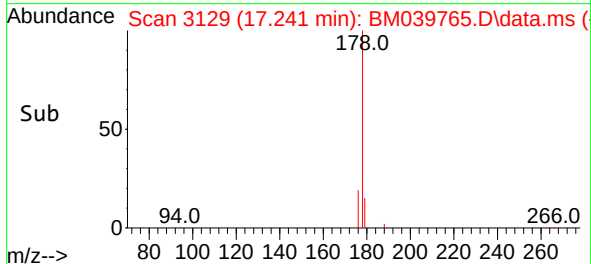
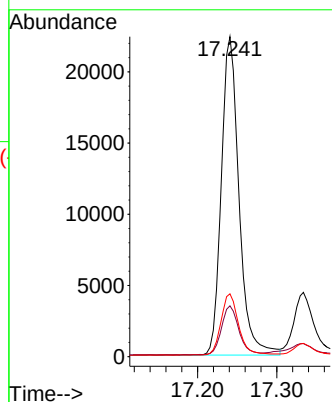
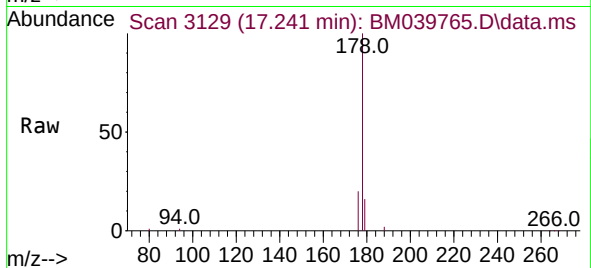
EW8X3DL

Tgt Ion:178	Resp:	3463
Ion Ratio	Lower	Upper
178	100	
179	15.9	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: 0.139 ng/ul

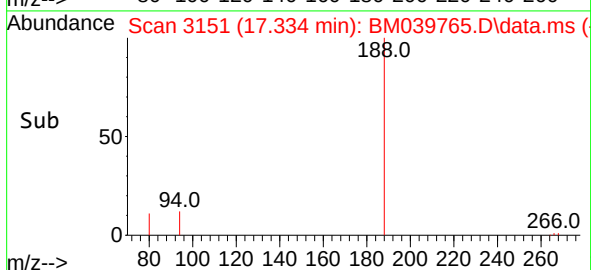
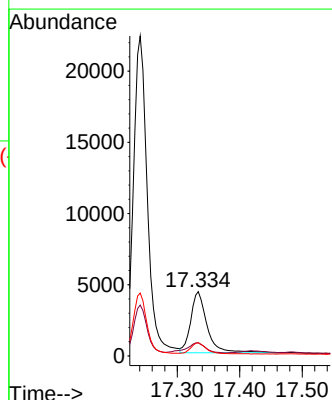
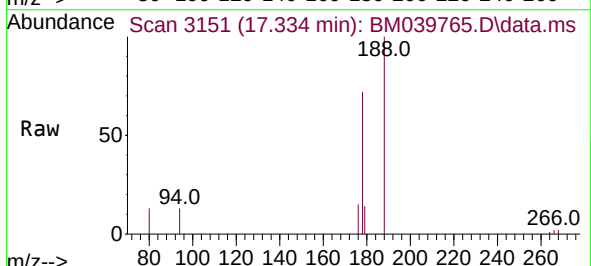
RT: 17.334 min Scan# 3151

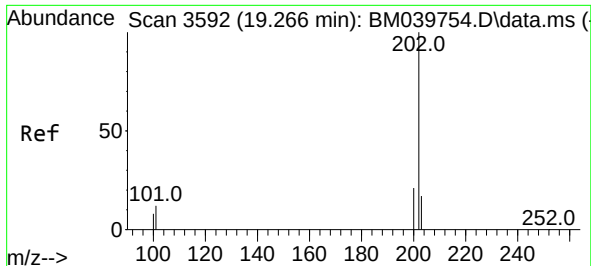
Delta R.T. -0.010 min

Lab File: BM039765.D

Acq: 29 Apr 2023 09:08

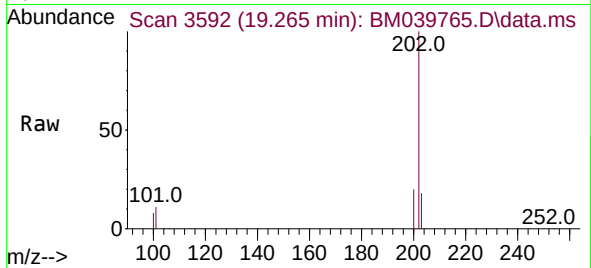
Tgt Ion:178	Resp:	7733
Ion Ratio	Lower	Upper
178	100	
179	20.2	13.8 20.6
176	20.5	15.8 23.8





#19
Fluoranthene
Concen: 1.526 ng/ul
RT: 19.265 min Scan# 3592
Delta R.T. -0.001 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

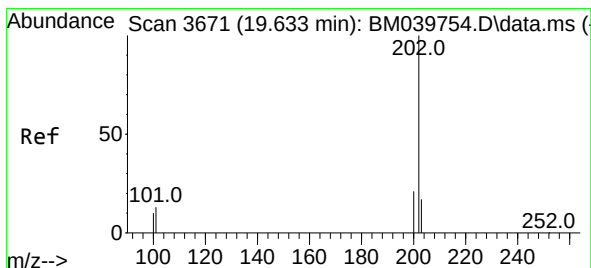
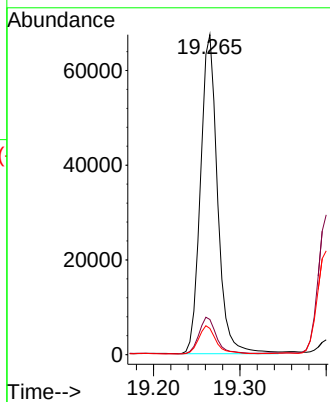
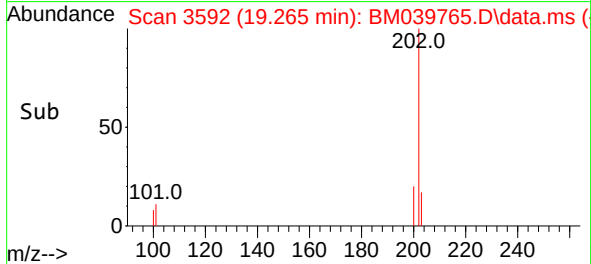
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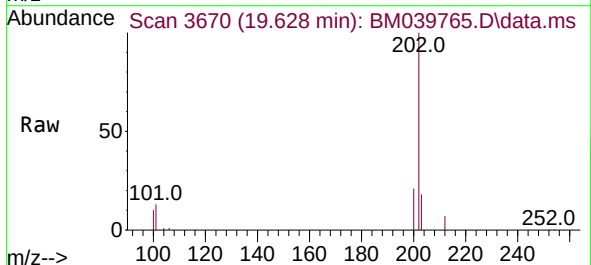
Tgt Ion:202 Resp: 92791
Ion Ratio Lower Upper
202 100
101 11.0 9.8 14.8
100 8.2 7.3 10.9

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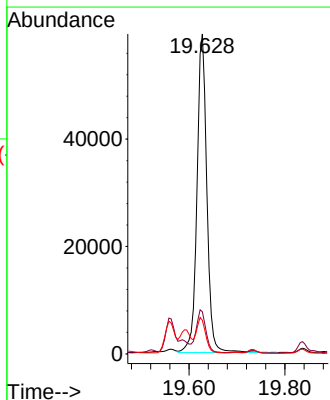
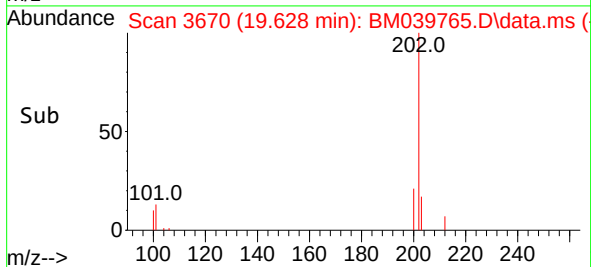
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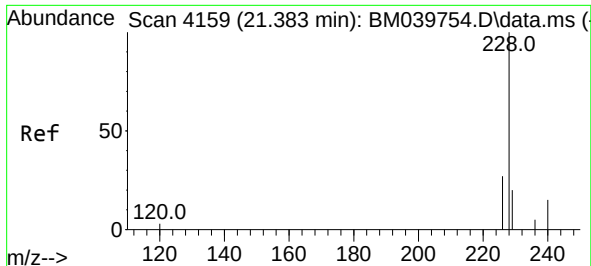


#20
Pyrene
Concen: 1.280 ng/ul
RT: 19.628 min Scan# 3670
Delta R.T. -0.006 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08



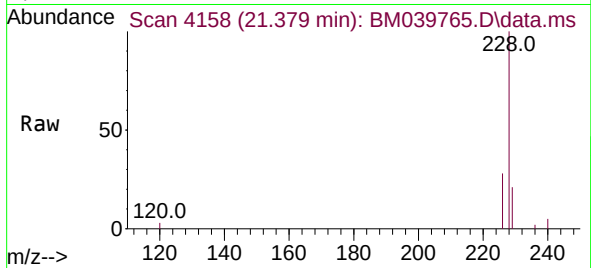
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Ion Ratio Lower Upper
202 100
101 13.2 10.9 16.3
100 10.5 8.9 13.3





#21
Benzo(a)anthracene
Concen: 0.807 ng/ul m
RT: 21.379 min Scan# 4159
Delta R.T. -0.004 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

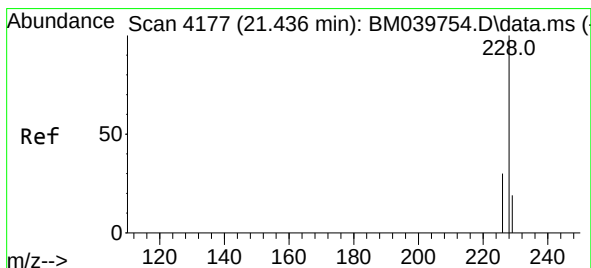
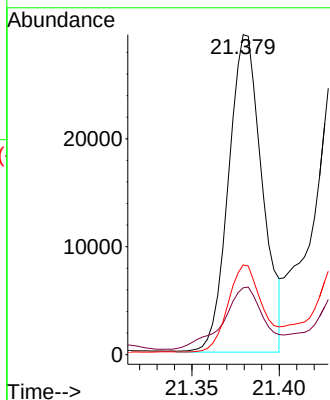
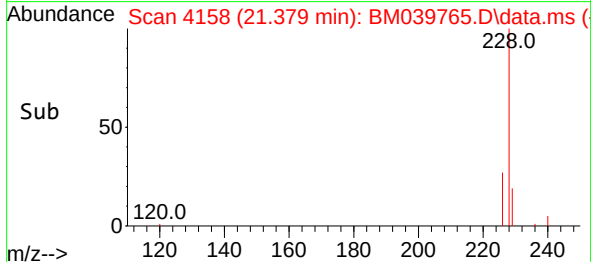
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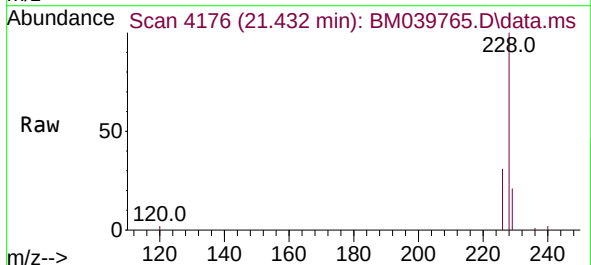
Tgt Ion:228 Resp: 39554
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 28.0 21.6 32.4

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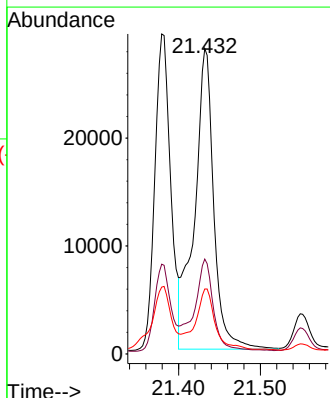
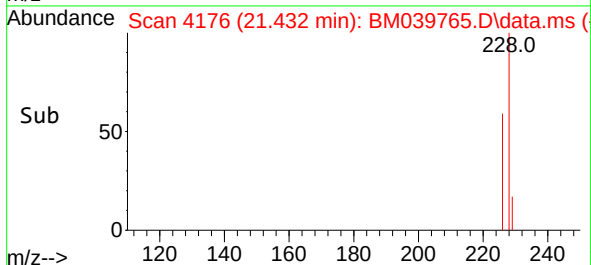
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

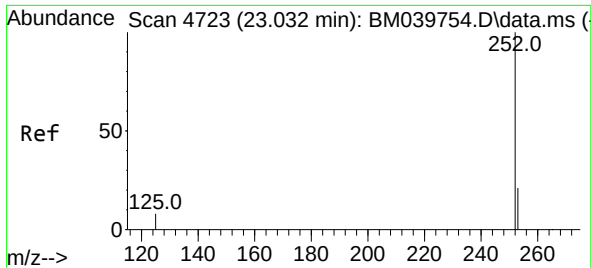


#22
Chrysene
Concen: 0.830 ng/ul m
RT: 21.432 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08



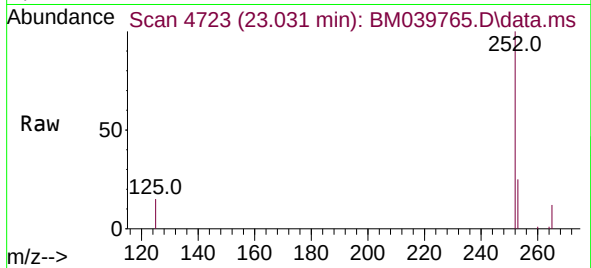
Tgt Ion:228 Resp: 46000
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 21.2 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.134 ng/ul
RT: 23.031 min Scan# 4723
Delta R.T. -0.001 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

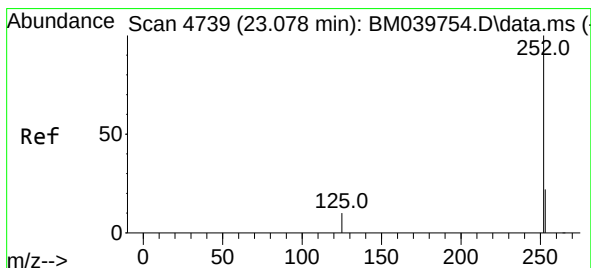
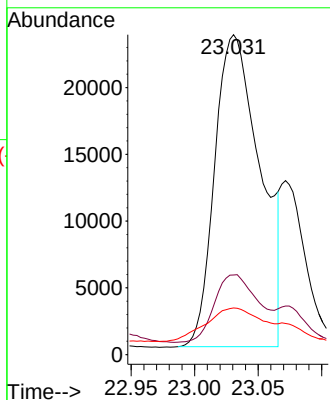
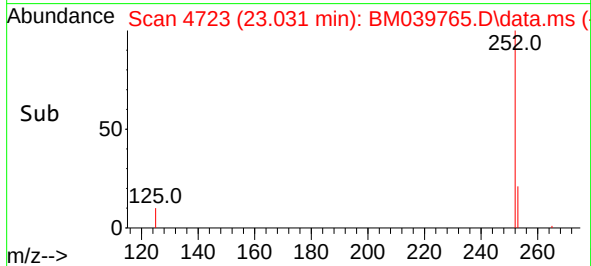
Instrument :
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ClientSampleId :
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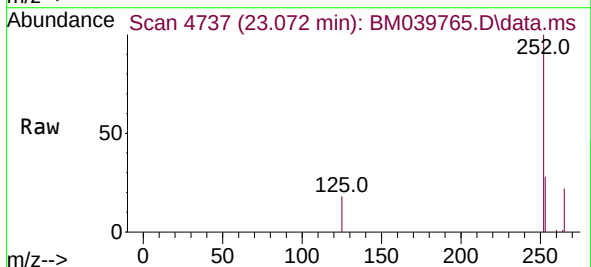
Tgt Ion:252 Resp: 58432
Ion Ratio Lower Upper
252 100
253 24.9 0.0 52.8
125 14.6 0.0 31.6

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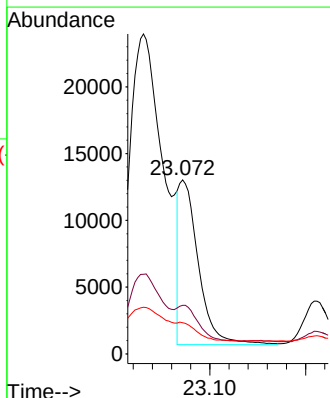
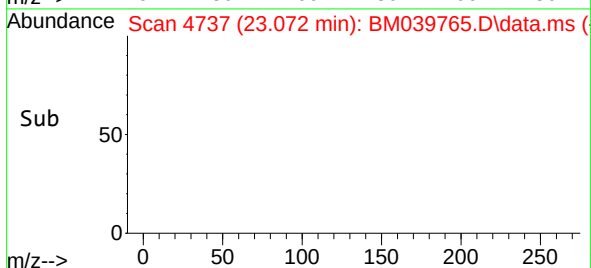
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

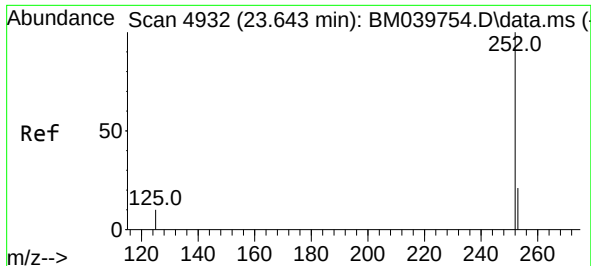


#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul m
RT: 23.072 min Scan# 4737
Delta R.T. -0.007 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08



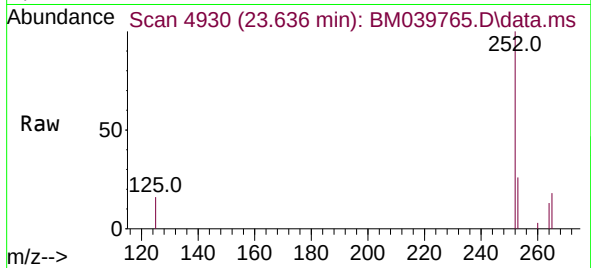
Tgt Ion:252 Resp: 17335
Ion Ratio Lower Upper
252 100
253 28.0 21.3 31.9
125 17.9 13.0 19.6





#26
Benzo(a)pyrene
Concen: 0.780 ng/ul
RT: 23.636 min Scan# 4932
Delta R.T. -0.007 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

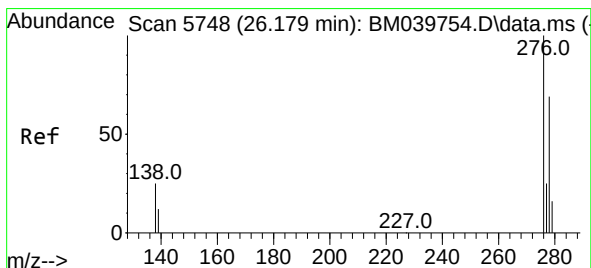
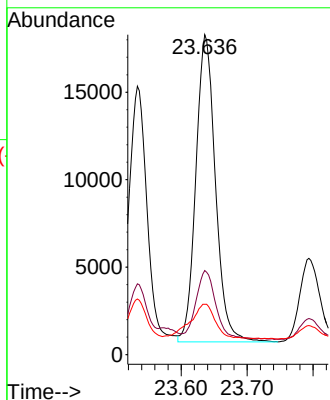
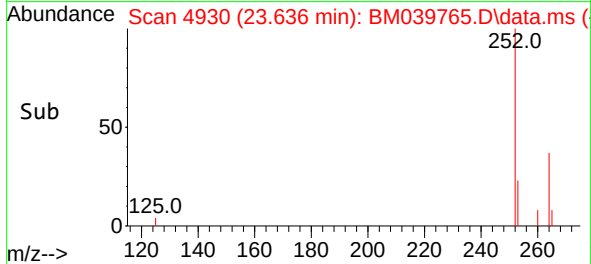
Instrument :
BNA_M
ClientSampleId :
EW8X3DL



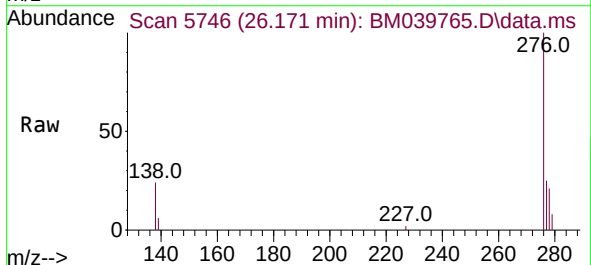
Tgt Ion:252 Resp: 36084
Ion Ratio Lower Upper
252 100
253 26.3 24.7 37.1
125 15.7 16.5 24.7

Manual Integrations
APPROVED

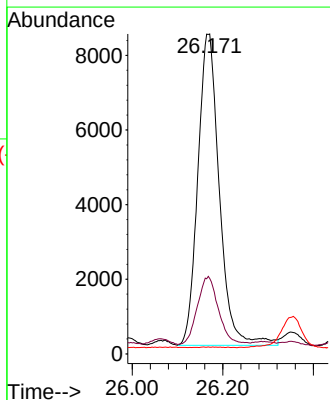
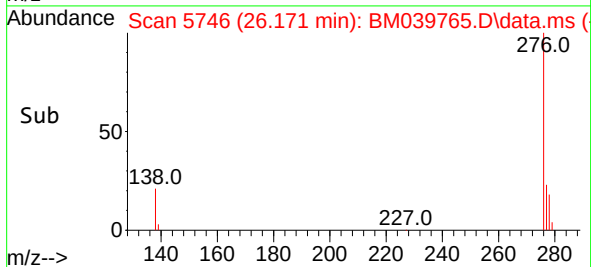
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

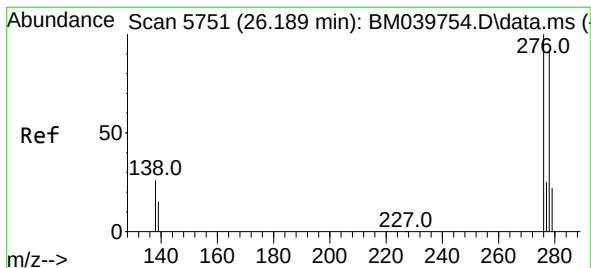


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.471 ng/ul
RT: 26.171 min Scan# 5746
Delta R.T. -0.008 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08



Tgt Ion:276 Resp: 27525
Ion Ratio Lower Upper
276 100
138 21.4 21.1 31.7
227 0.0 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.129 ng/ul

RT: 26.174 min Scan# 51

Delta R.T. -0.015 min

Lab File: BM039765.D

Acq: 29 Apr 2023 09:08

Instrument :

BNA_M

ClientSampleId :

EW8X3DL

Tgt Ion: 278 Resp: 5838

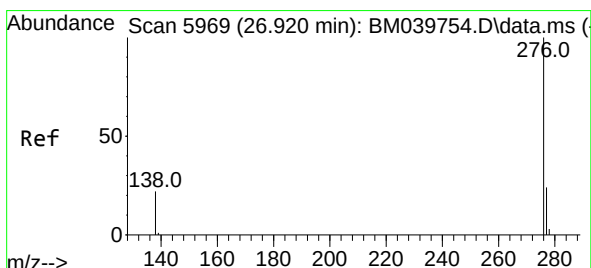
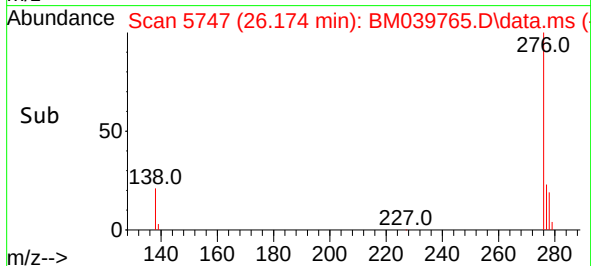
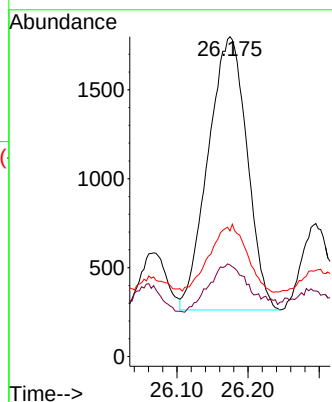
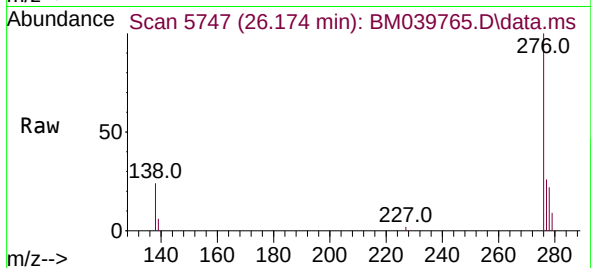
Ion	Ratio	Lower	Upper
278	100		
139	28.6	17.0	25.6
279	39.3	23.4	35.2

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/01/2023

Supervised By : Jagrut Upadhyay 05/01/2023



#29

Benzo(g,h,i)perylene

Concen: 0.509 ng/ul

RT: 26.909 min Scan# 5966

Delta R.T. -0.011 min

Lab File: BM039765.D

Acq: 29 Apr 2023 09:08

Tgt Ion: 276 Resp: 25933

Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.1	30.1
277	25.4	20.1	30.1

