

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039756.D
 Acq On : 29 Apr 2023 03:43
 Operator : CG/JU
 Sample : 02417-07
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X3

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 04:31:31 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	3706	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.595	136	14624	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.446	164	8606	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	18667	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.396	240	13484	0.400	ng/ul	0.00
23) Perylene-d12	23.740	264	11789	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	15246	2.791	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	4485	0.239	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	11161	0.308	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.644	128	8025	0.219	ng/ul	98
7) 2-Methylnaphthalene	12.272	142	5866	0.277	ng/ul	94
8) 1-Methylnaphthalene	12.487	142	3815	0.168	ng/ul	98
10) Acenaphthylene	14.168	152	3370	0.101	ng/ul#	87
11) Acenaphthene	14.511	153	5785	0.221	ng/ul	99
12) Fluorene	15.501	166	6443	0.222	ng/ul	98
15) Phenanthrene	17.242	178	138994	2.826	ng/ul	98
16) Anthracene	17.335	178	25880	0.613	ng/ul	98
19) Fluoranthene	19.266	202	402932	8.376	ng/ul	98
20) Pyrene	19.629	202	346760	6.675	ng/ul	100
21) Benzo(a)anthracene	21.379	228	177599	4.581	ng/ul	99
22) Chrysene	21.431	228	188776	4.303	ng/ul	99
24) Benzo(b)fluoranthene	23.027	252	248196	5.995	ng/ul	92
25) Benzo(k)fluoranthene	23.068	252	71962m	1.707	ng/ul	
26) Benzo(a)pyrene	23.635	252	150158	4.040	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.161	276	111966	2.382	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.167	278	25169	0.690	ng/ul	98
29) Benzo(g,h,i)perylene	26.912	276	108065	2.639	ng/ul	97

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

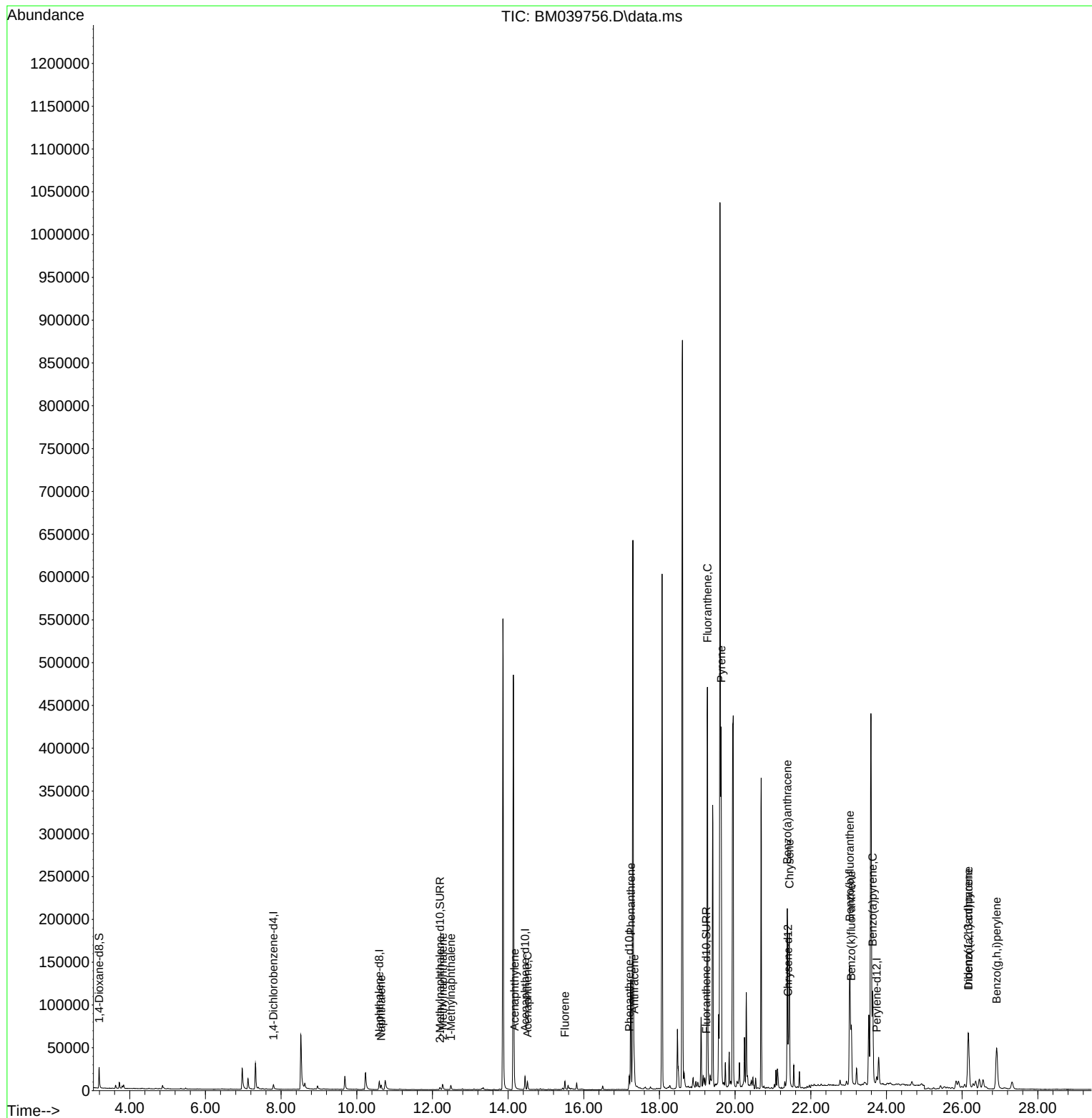
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039756.D
Acq On : 29 Apr 2023 03:43
Operator : CG/JU
Sample : 02417-07
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ALS Vial : 60 Sample Multiplier: 1

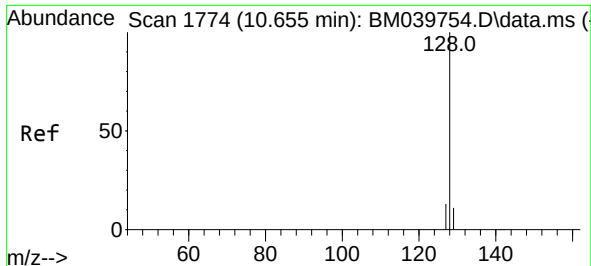
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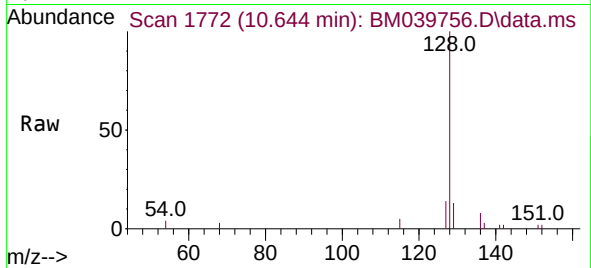
Quant Time: Apr 29 04:31:31 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.219 ng/ul
RT: 10.644 min Scan# 1772
Delta R.T. -0.011 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43

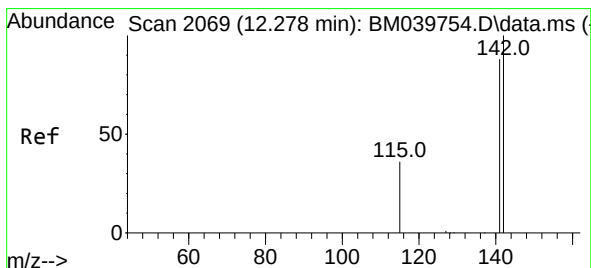
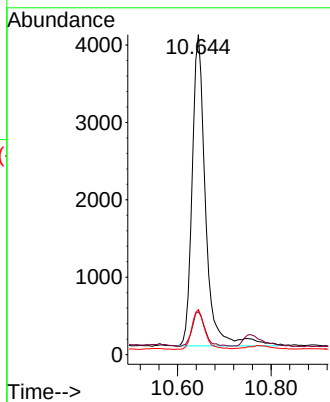
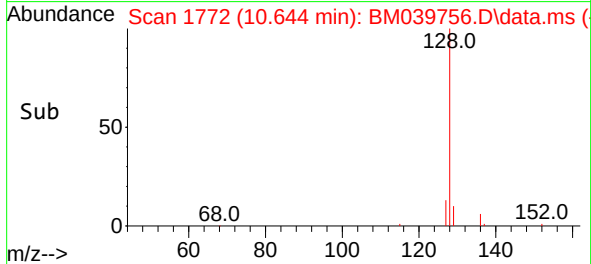
Instrument :
BNA_M
ClientSampleId :
EW8X3



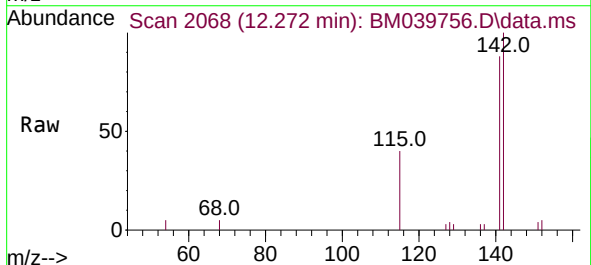
Tgt Ion:128 Resp: 8025
Ion Ratio Lower Upper
128 100
129 13.4 9.8 14.6
127 14.1 11.1 16.7

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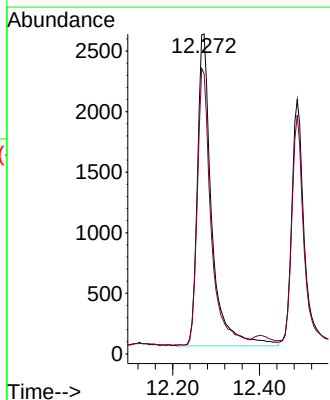
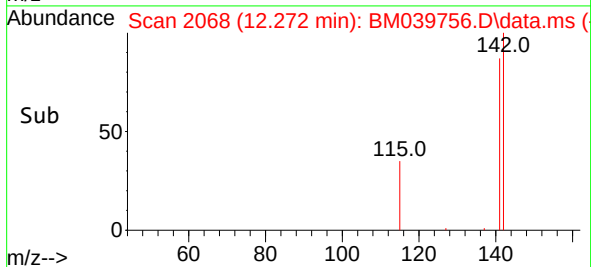
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

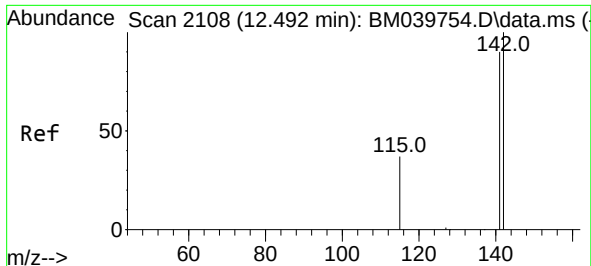


#7
2-Methylnaphthalene
Concen: 0.277 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. -0.005 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43



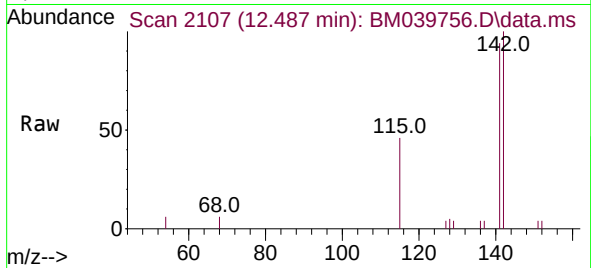
Tgt Ion:142 Resp: 5866
Ion Ratio Lower Upper
142 100
141 85.9 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.168 ng/ul
RT: 12.487 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43

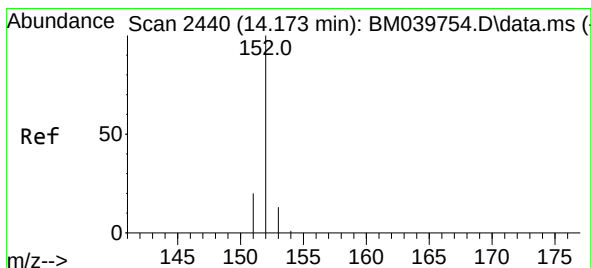
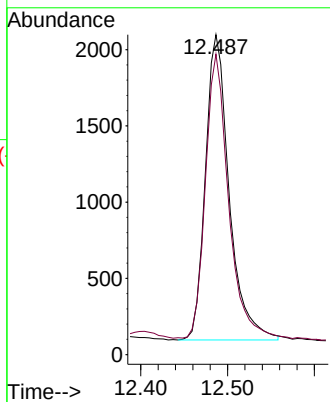
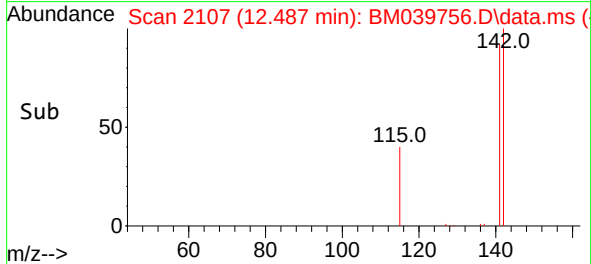
Instrument :
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Tgt Ion:142 Resp: 3815
Ion Ratio Lower Upper
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141 89.7 73.4 110.2

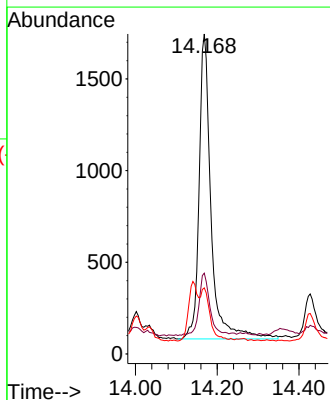
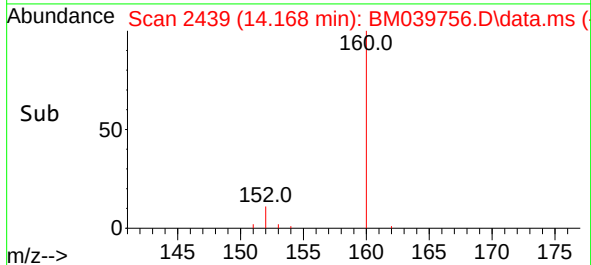
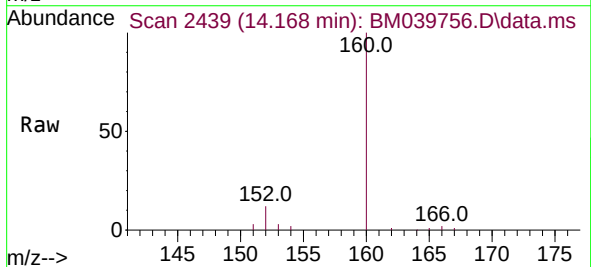
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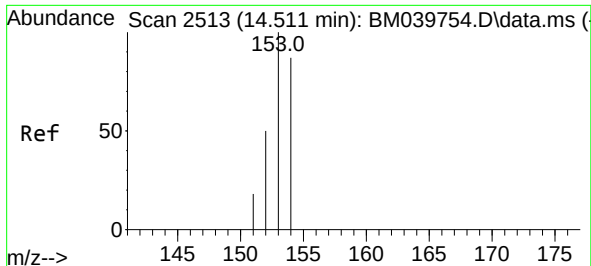
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.101 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43

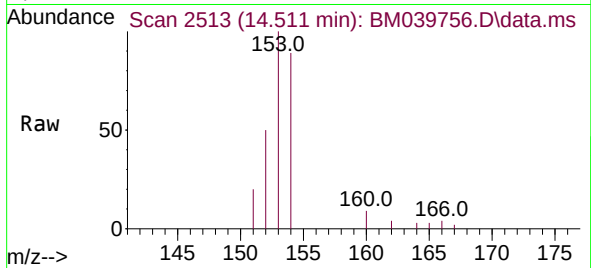
Tgt Ion:152 Resp: 3370
Ion Ratio Lower Upper
152 100
151 25.3 16.0 24.0#
153 20.6 11.2 16.8#





#11
Acenaphthene
Concen: 0.221 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43

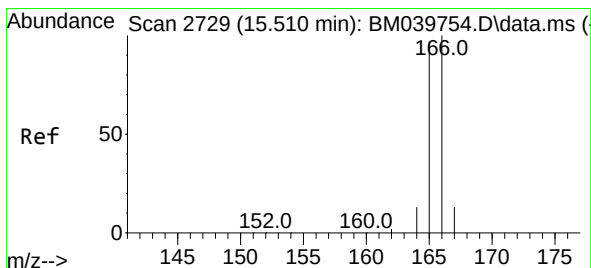
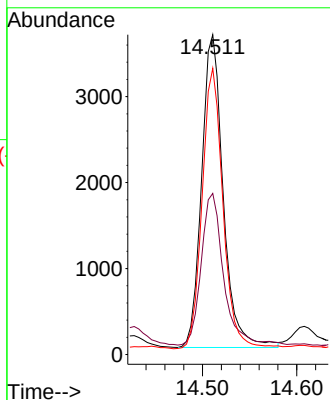
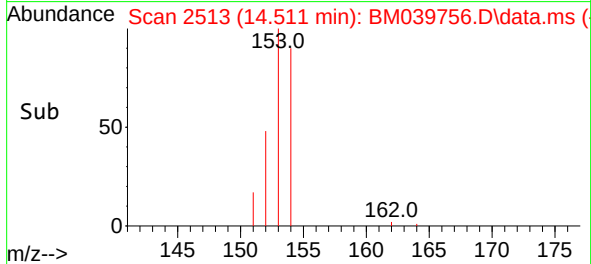
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 5785
Ion Ratio Lower Upper
153 100
152 50.4 40.6 61.0
154 89.5 71.9 107.9

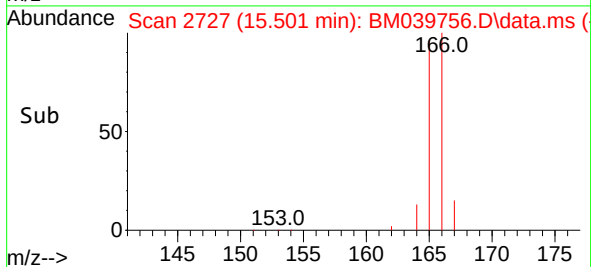
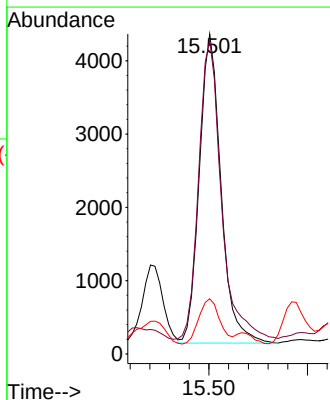
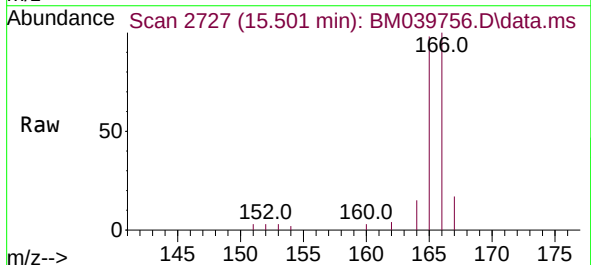
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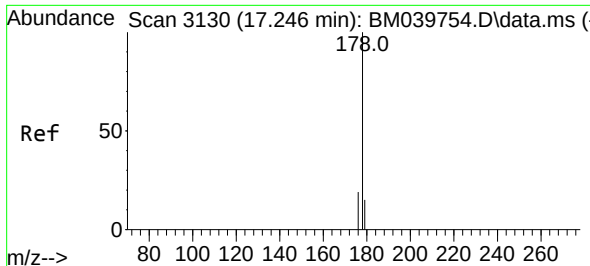
Reviewed By :Christian Giraldo 05/01/2023
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#12
Fluorene
Concen: 0.222 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.009 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43

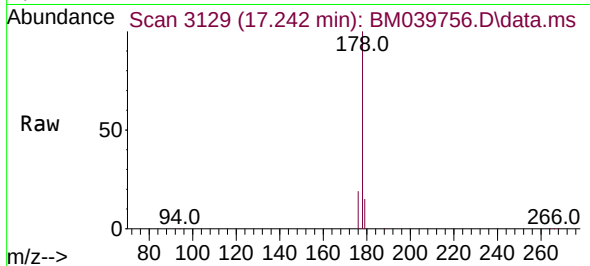
Tgt Ion:166 Resp: 6443
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.6
167 17.2 11.8 17.6





#15
Phenanthrene
Concen: 2.826 ng/ul
RT: 17.242 min Scan# 3111
Delta R.T. -0.004 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43

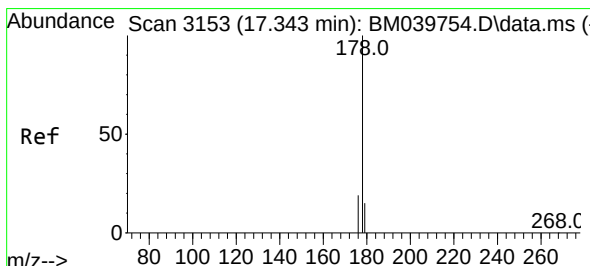
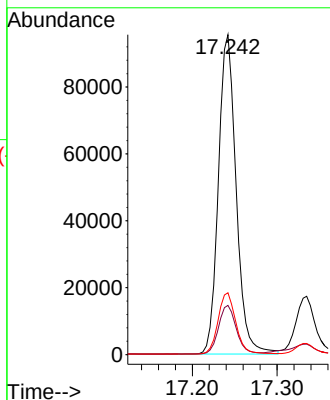
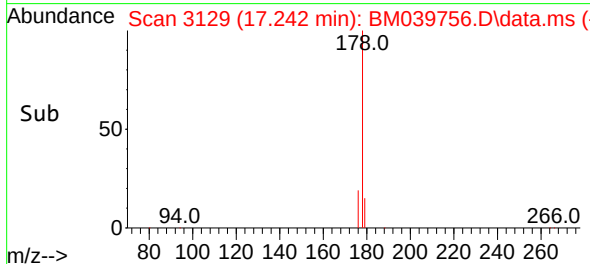
Instrument :
BNA_M
ClientSampleId :
EW8X3



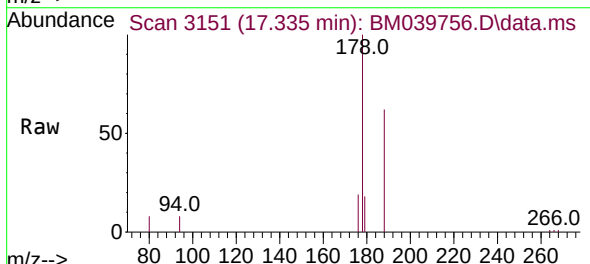
Tgt Ion:178 Resp: 138994
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.3 15.8 23.8

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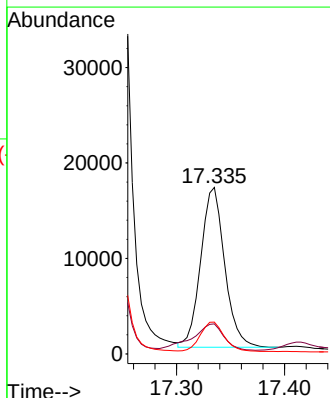
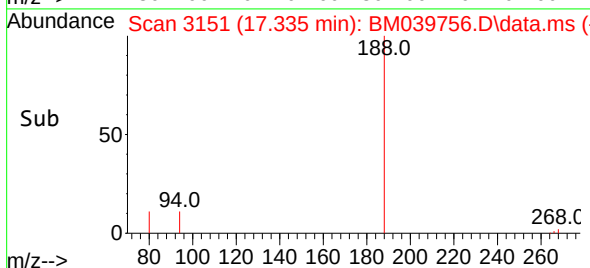
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

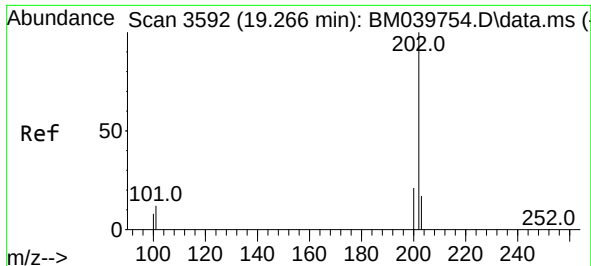


#16
Anthracene
Concen: 0.613 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43



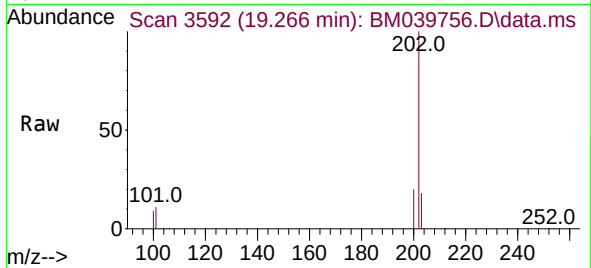
Tgt Ion:178 Resp: 25880
Ion Ratio Lower Upper
178 100
179 18.0 13.8 20.6
176 19.0 15.8 23.8





#19
Fluoranthene
Concen: 8.376 ng/ul
RT: 19.266 min Scan# 3592
Delta R.T. 0.000 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43

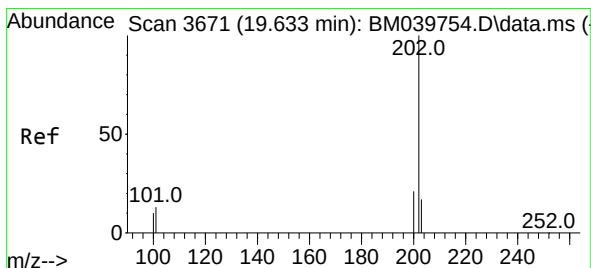
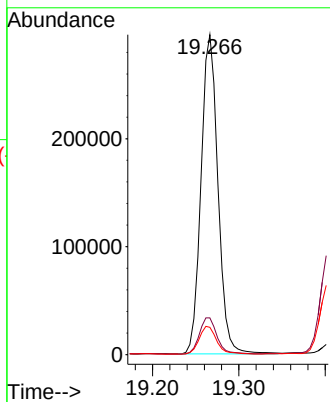
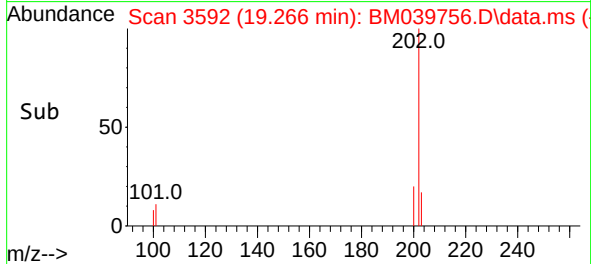
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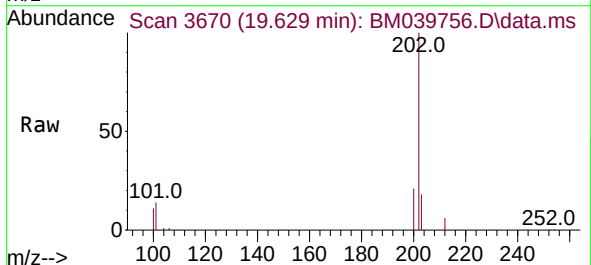
Tgt Ion:202 Resp: 402932
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.8
100 8.5 7.3 10.9

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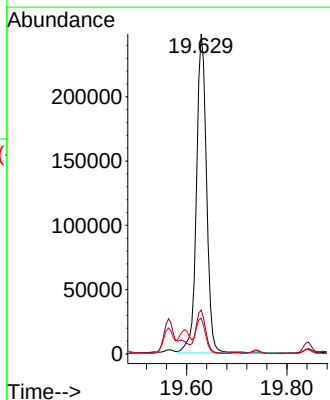
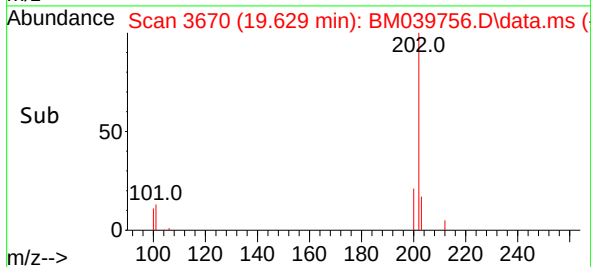
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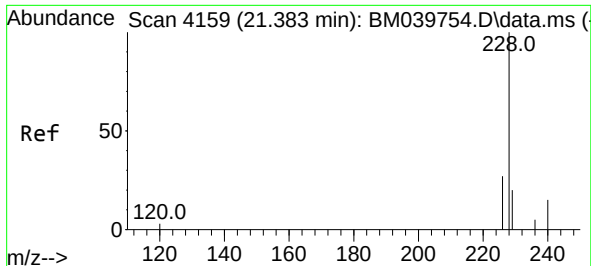


#20
Pyrene
Concen: 6.675 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.005 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43



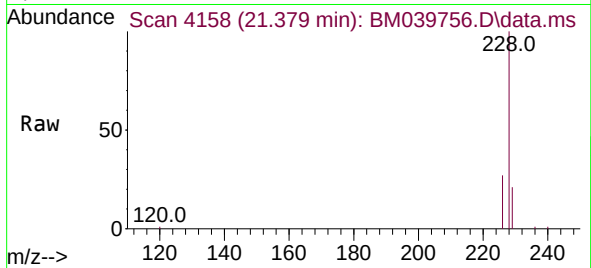
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Ion Ratio Lower Upper
202 100
101 13.7 10.9 16.3
100 11.2 8.9 13.3





#21
Benzo(a)anthracene
Concen: 4.581 ng/ul
RT: 21.379 min Scan# 4159
Delta R.T. -0.005 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43

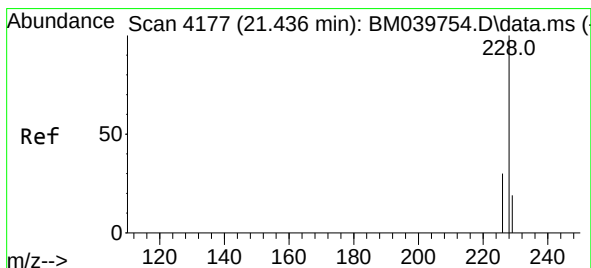
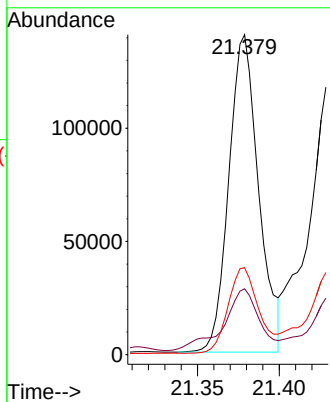
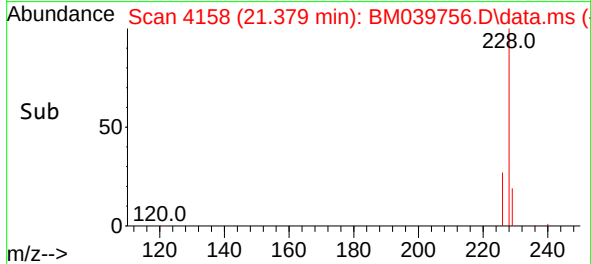
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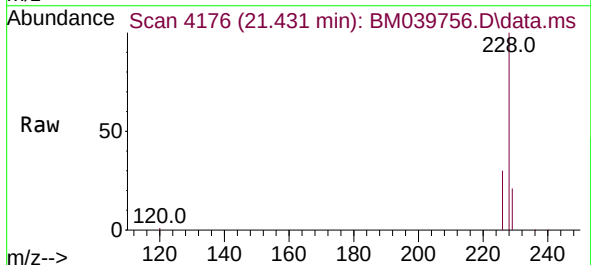
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Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 27.2 21.6 32.4

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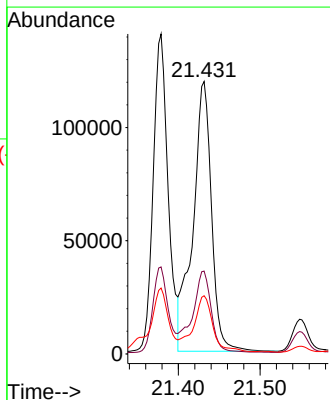
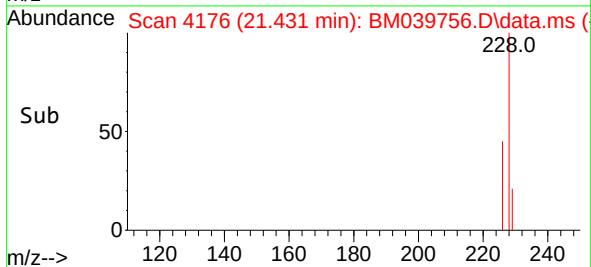
Reviewed By :Christian Giraldo 05/01/2023
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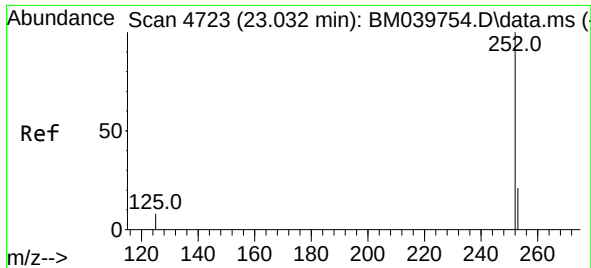


#22
Chrysene
Concen: 4.303 ng/ul
RT: 21.431 min Scan# 4176
Delta R.T. -0.005 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43



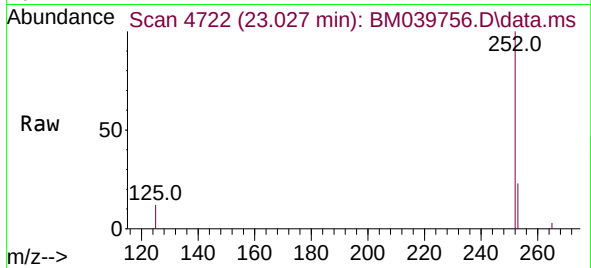
Tgt Ion:228 Resp: 188776
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 5.995 ng/ul
RT: 23.027 min Scan# 4722
Delta R.T. -0.005 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43

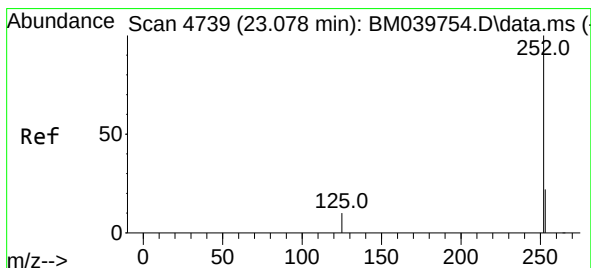
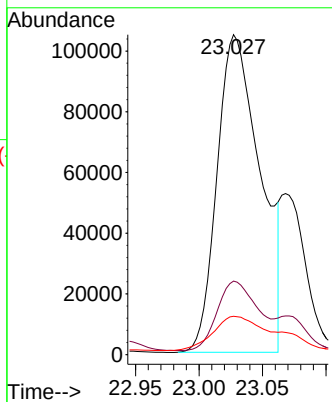
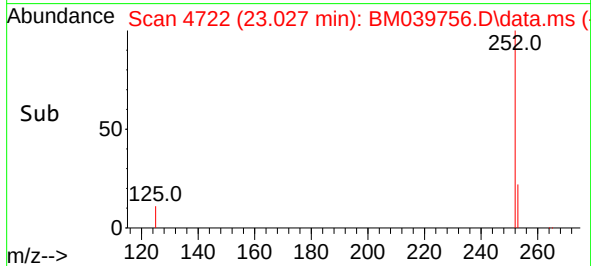
Instrument :
BNA_M
ClientSampleId :
EW8X3



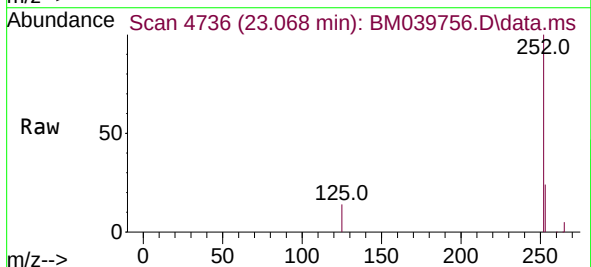
Tgt Ion:252 Resp: 248196
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 12.0 0.0 31.6

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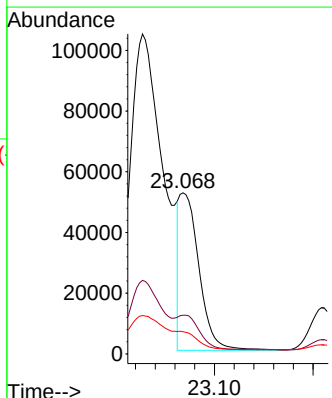
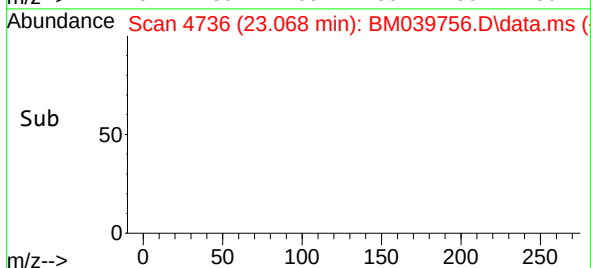
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

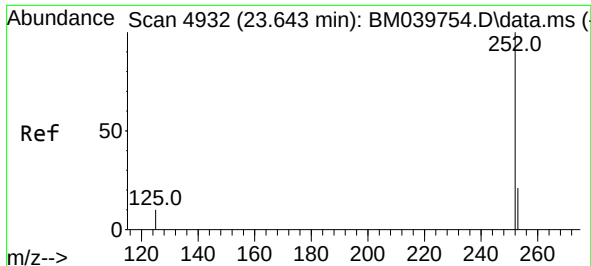


#25
Benzo(k)fluoranthene
Concen: 1.707 ng/ul m
RT: 23.068 min Scan# 4736
Delta R.T. -0.010 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43



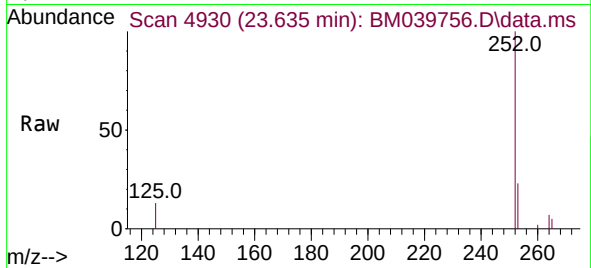
Tgt Ion:252 Resp: 71962
Ion Ratio Lower Upper
252 100
253 24.0 21.3 31.9
125 13.7 13.0 19.6





#26
Benzo(a)pyrene
Concen: 4.040 ng/ul
RT: 23.635 min Scan# 4932
Delta R.T. -0.007 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43

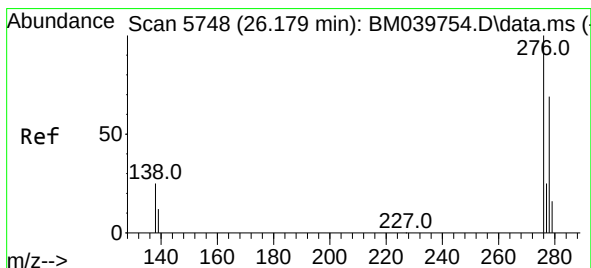
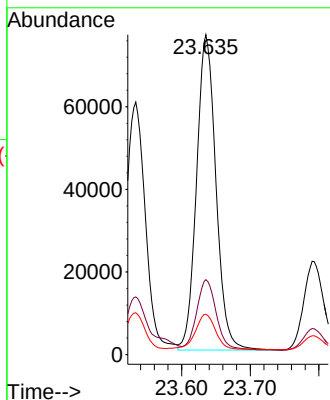
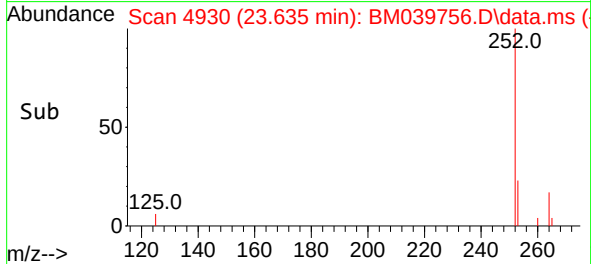
Instrument :
BNA_M
ClientSampleId :
EW8X3



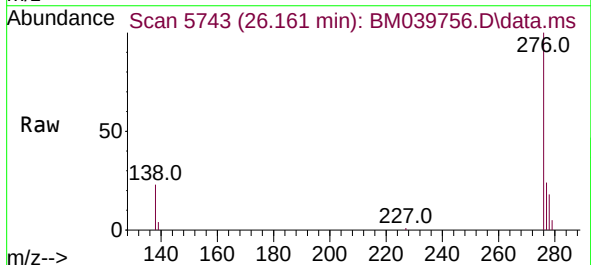
Tgt Ion:252 Resp: 150158
Ion Ratio Lower Upper
252 100
253 23.4 24.7 37.1#
125 12.6 16.5 24.7#

Manual Integrations
APPROVED

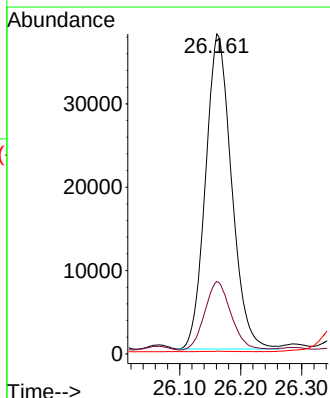
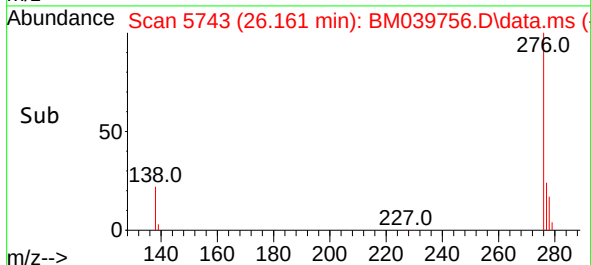
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

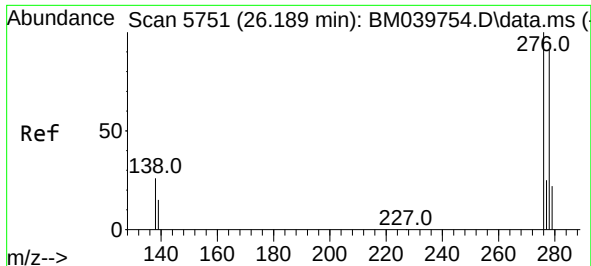


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.382 ng/ul
RT: 26.161 min Scan# 5743
Delta R.T. -0.018 min
Lab File: BM039756.D
Acq: 29 Apr 2023 03:43



Tgt Ion:276 Resp: 111966
Ion Ratio Lower Upper
276 100
138 22.0 21.1 31.7
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.690 ng/ul

RT: 26.167 min Scan# 51

Delta R.T. -0.022 min

Lab File: BM039756.D

Acq: 29 Apr 2023 03:43

Instrument :

BNA_M

ClientSampleId :

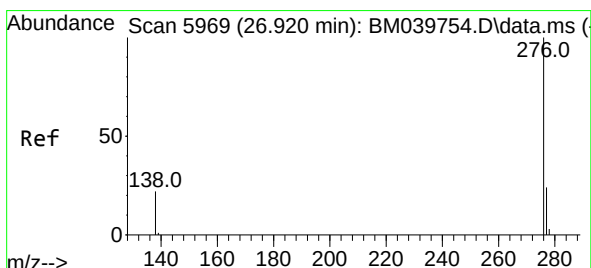
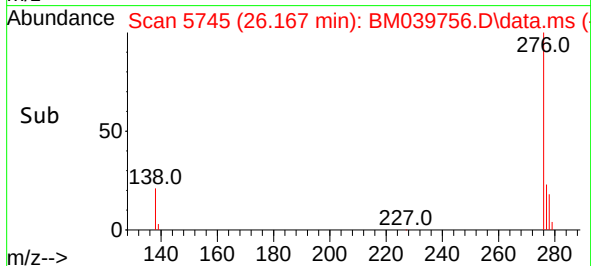
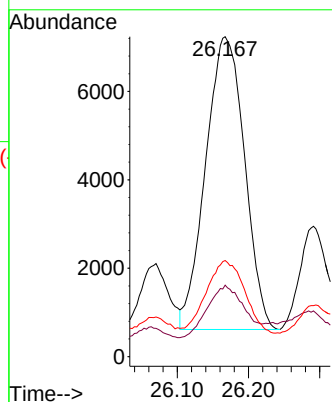
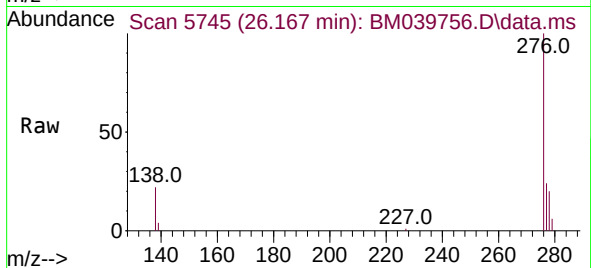
EW8X3

Tgt Ion:	278	Resp:	25169
Ion Ratio	Lower	Upper	
278	100		
139	22.3	17.0	25.6
279	30.0	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: 2.639 ng/ul

RT: 26.912 min Scan# 5967

Delta R.T. -0.008 min

Lab File: BM039756.D

Acq: 29 Apr 2023 03:43

Tgt Ion:	276	Resp:	108065
Ion Ratio	Lower	Upper	
276	100		
138	23.1	20.1	30.1
277	24.2	20.1	30.1

