

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039767.D
 Acq On : 29 Apr 2023 10:56
 Operator : CG/JU
 Sample : 02417-05DL 5X
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X1DL

Manual Integrations
 APPROVED

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

Quant Time: May 01 01:33:59 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	7.800	152	4540	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.601	136	17920	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	11136	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	22175	0.400	ng/ul	0.00
17) Chrysene-d12	21.399	240	13278	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	11314	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3389	0.507	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	862	0.038	ng/ul	0.02
18) Fluoranthene-d10	19.234	212	1777	0.050	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.169	152	3274	0.076	ng/ul	92
12) Fluorene	15.501	166	1209	0.032	ng/ul#	94
15) Phenanthrene	17.242	178	30976	0.530	ng/ul	99
16) Anthracene	17.335	178	3364	0.067	ng/ul#	91
19) Fluoranthene	19.262	202	47891	1.011	ng/ul	100
20) Pyrene	19.624	202	51623	1.009	ng/ul	99
21) Benzo(a)anthracene	21.382	228	14320m	0.375	ng/ul	
22) Chrysene	21.434	228	19559m	0.453	ng/ul	
24) Benzo(b)fluoranthene	23.033	252	17890	0.450	ng/ul	95
25) Benzo(k)fluoranthene	23.074	252	6718m	0.166	ng/ul	
26) Benzo(a)pyrene	23.638	252	11791	0.331	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.174	276	8369	0.186	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.181	278	2044	0.058	ng/ul#	47
29) Benzo(g,h,i)perylene	26.925	276	6792	0.173	ng/ul	92

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

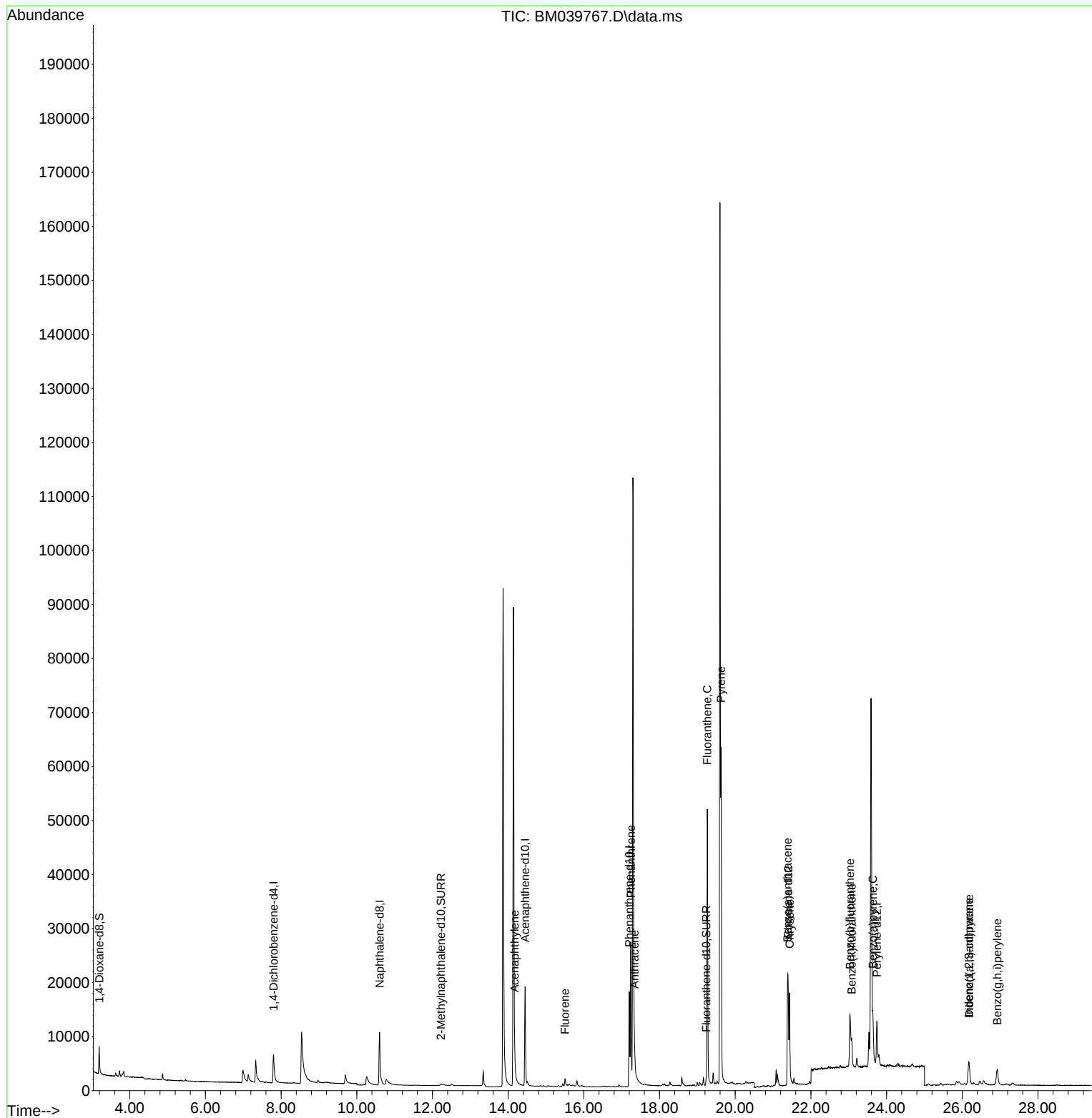
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039767.D
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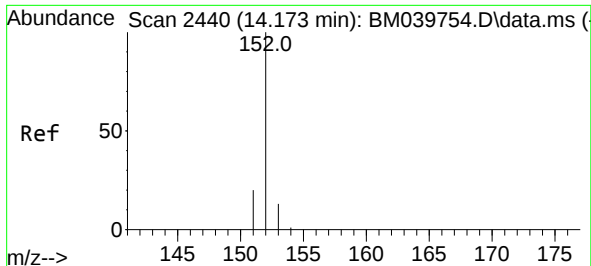
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
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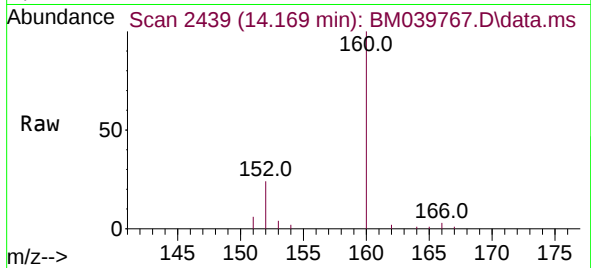
Reviewed By : Christian Giraldo 05/01/2023
Supervised By : Jagrut Upadhyay 05/01/2023





#10
Acenaphthylene
Concen: 0.076 ng/ul
RT: 14.169 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:56

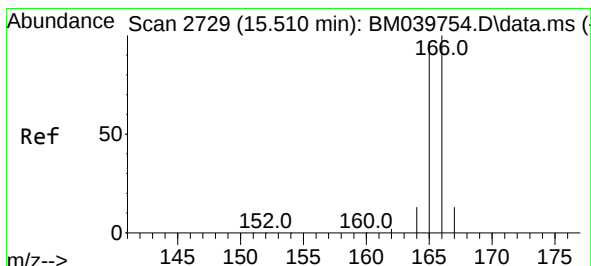
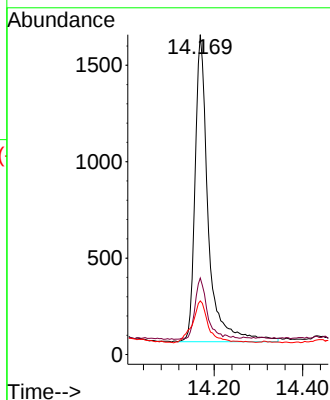
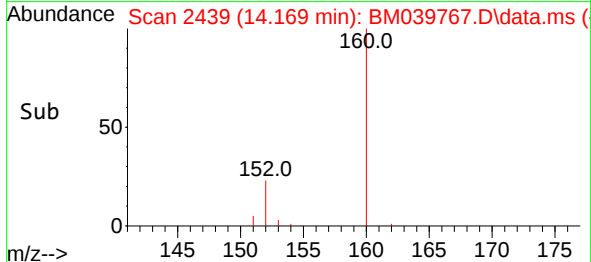
Instrument :
BNA_M
ClientSampleId :
EW8X1DL



Tgt Ion:152 Resp: 3274
Ion Ratio Lower Upper
152 100
151 23.9 16.0 24.0
153 16.8 11.2 16.8

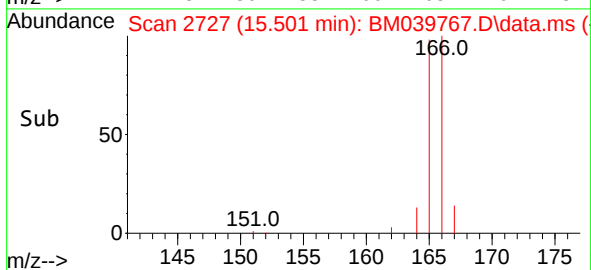
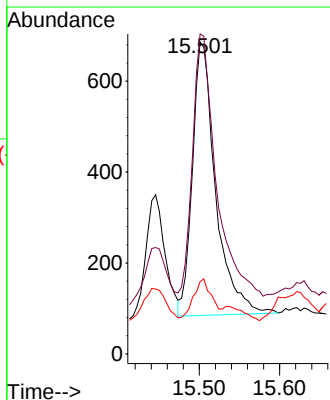
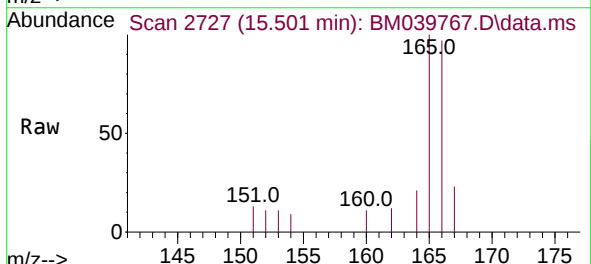
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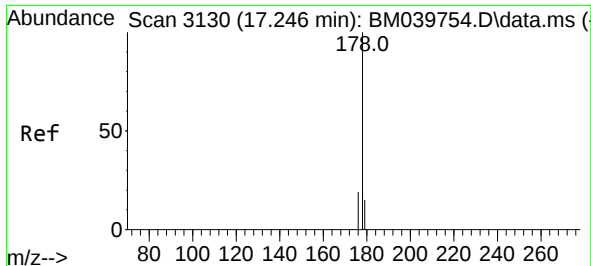
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.032 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.009 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:56

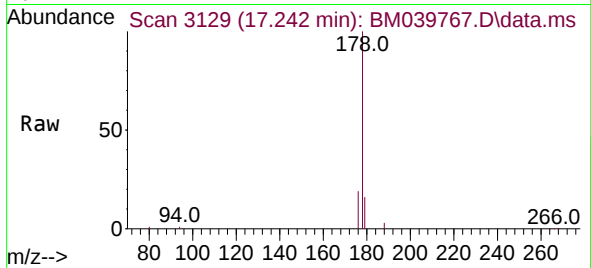
Tgt Ion:166 Resp: 1209
Ion Ratio Lower Upper
166 100
165 102.6 79.0 118.6
167 23.2 11.8 17.6#





#15
Phenanthrene
Concen: 0.530 ng/ul
RT: 17.242 min Scan# 311
Delta R.T. -0.004 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:56

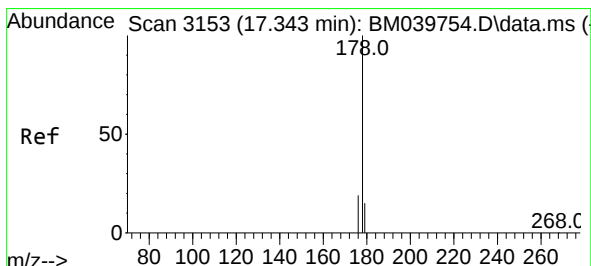
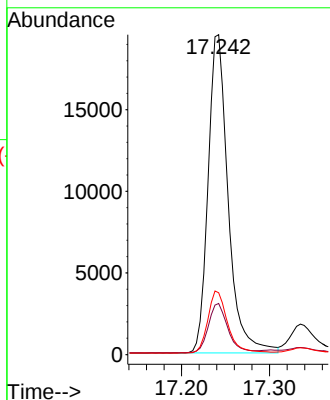
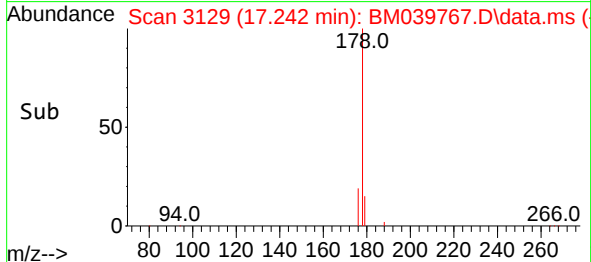
Instrument :
BNA_M
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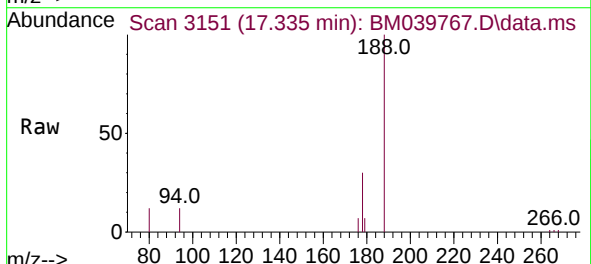
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Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.3 15.8 23.8

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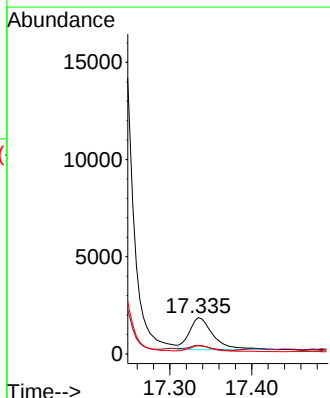
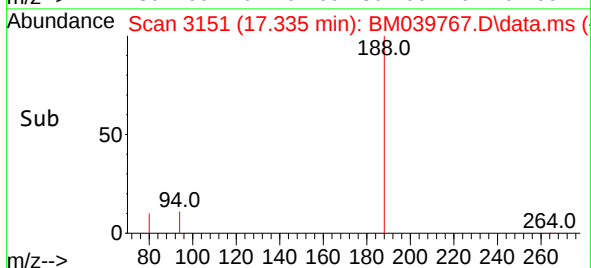
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

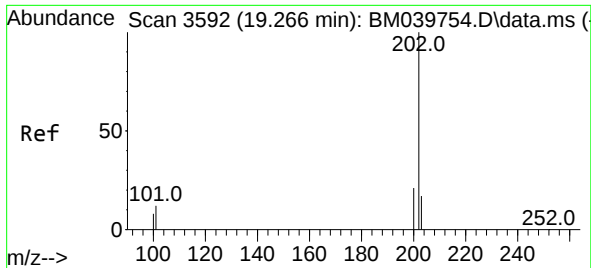


#16
Anthracene
Concen: 0.067 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:56



Tgt Ion:178 Resp: 3364
Ion Ratio Lower Upper
178 100
179 23.5 13.8 20.6#
176 22.0 15.8 23.8





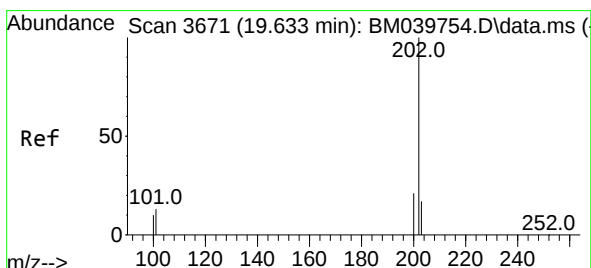
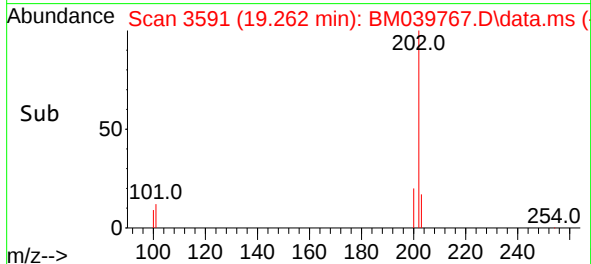
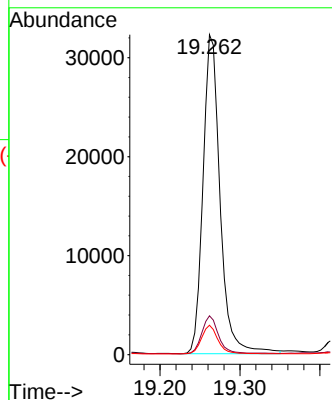
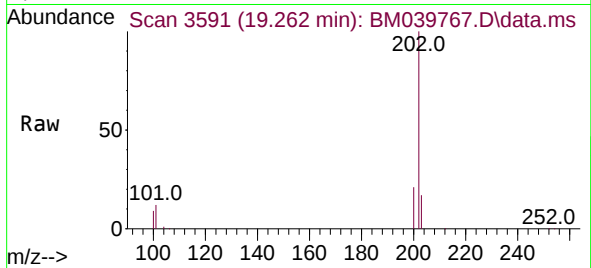
#19
Fluoranthene
Concen: 1.011 ng/u1
RT: 19.262 min Scan# 3591
Delta R.T. -0.004 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:56

Instrument :
BNA_M
ClientSampleId :
EW8X1DL

Tgt Ion:202 Resp: 47891
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 9.2 7.3 10.9

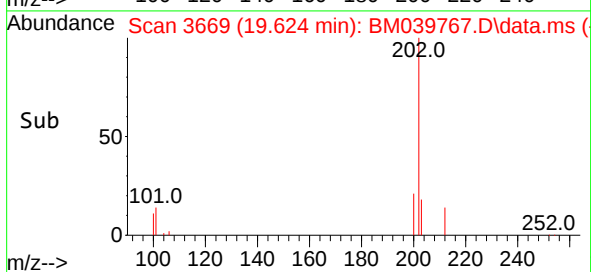
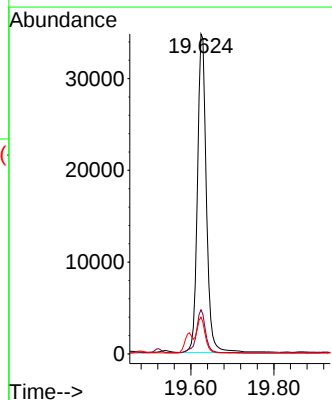
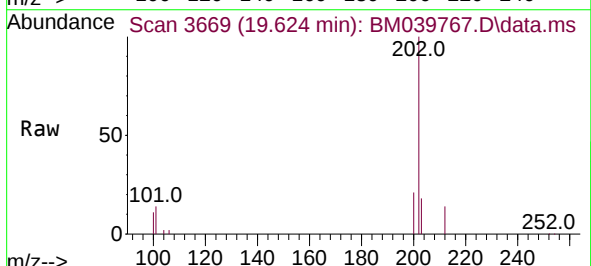
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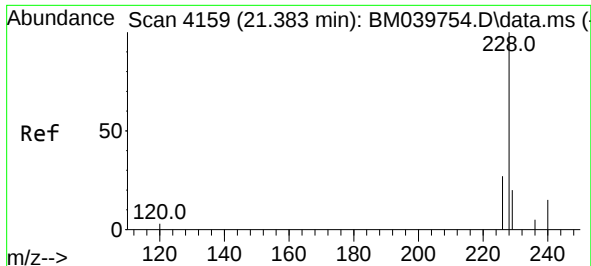
Reviewed By :Christian Giraldo 05/01/2023
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#20
Pyrene
Concen: 1.009 ng/u1
RT: 19.624 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:56

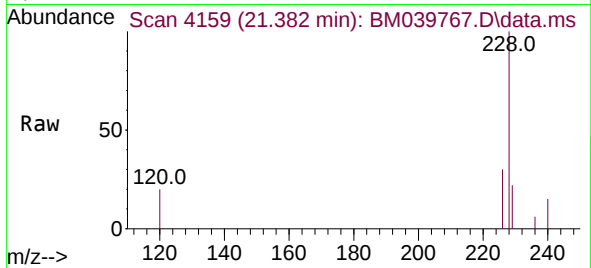
Tgt Ion:202 Resp: 51623
Ion Ratio Lower Upper
202 100
101 13.8 10.9 16.3
100 11.5 8.9 13.3





#21
Benzo(a)anthracene
Concen: 0.375 ng/ul m
RT: 21.382 min Scan# 4159
Delta R.T. -0.002 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:56

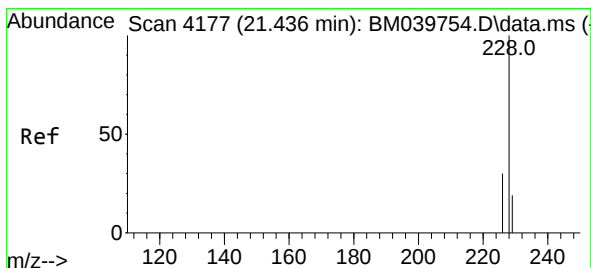
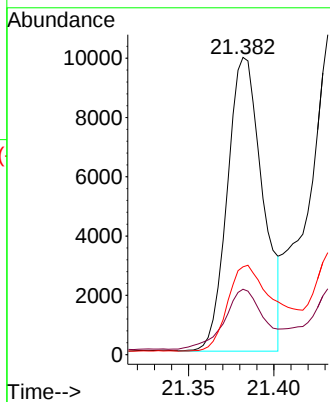
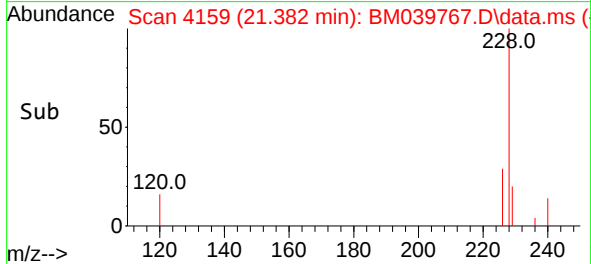
Instrument :
BNA_M
ClientSampleId :
EW8X1DL



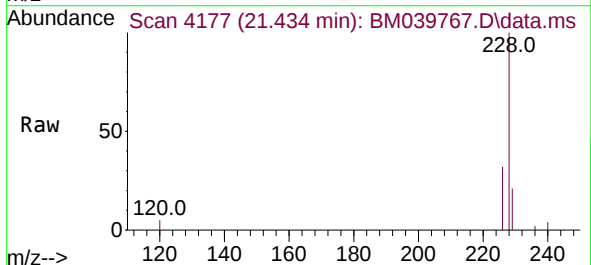
Tgt Ion:228 Resp: 14320
Ion Ratio Lower Upper
228 100
229 22.0 16.2 24.2
226 29.5 21.6 32.4

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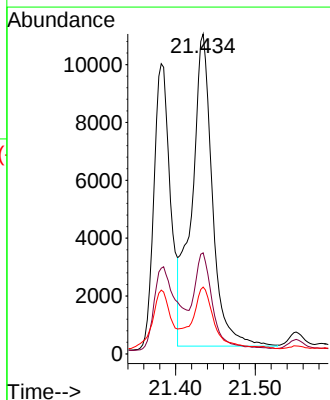
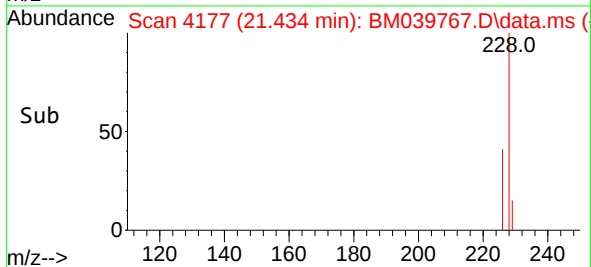
Reviewed By :Christian Giraldo 05/01/2023
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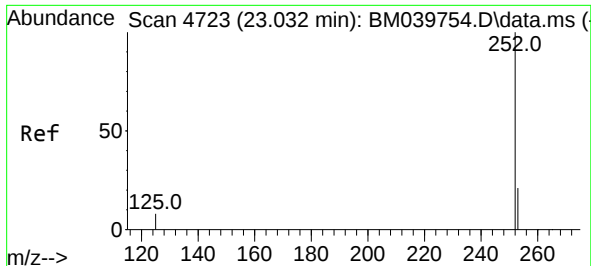


#22
Chrysene
Concen: 0.453 ng/ul m
RT: 21.434 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:56



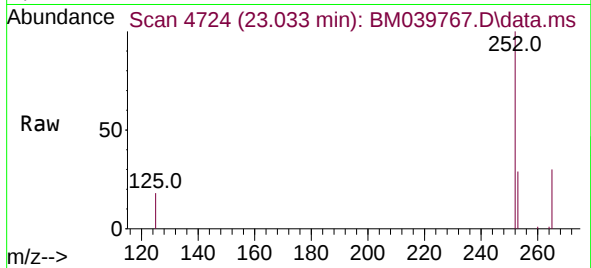
Tgt Ion:228 Resp: 19559
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 20.9 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.450 ng/ul
RT: 23.033 min Scan# 4723
Delta R.T. 0.001 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:56

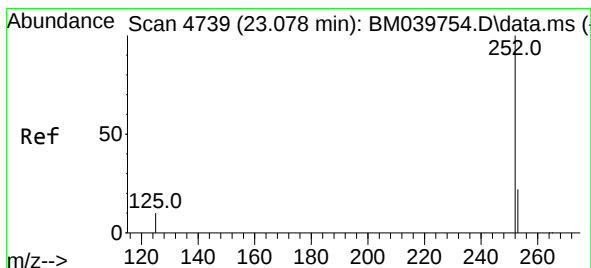
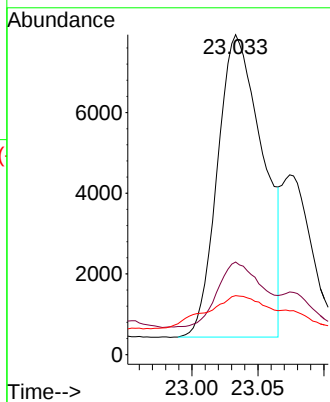
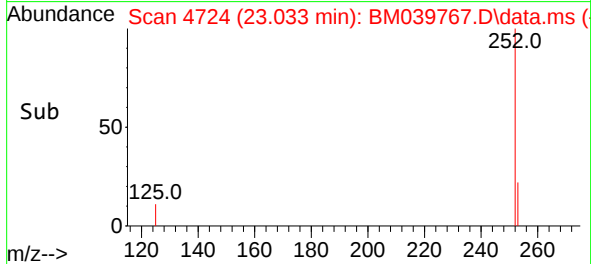
Instrument :
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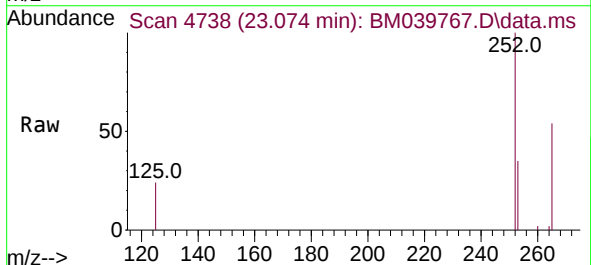
Tgt Ion:252 Resp: 17890
Ion Ratio Lower Upper
252 100
253 28.9 0.0 52.8
125 18.4 0.0 31.6

Manual Integrations
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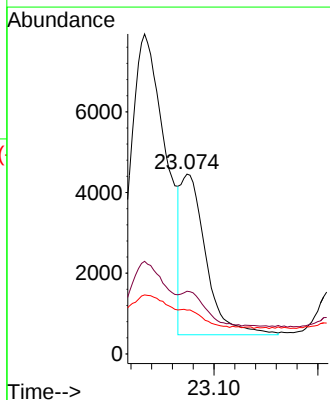
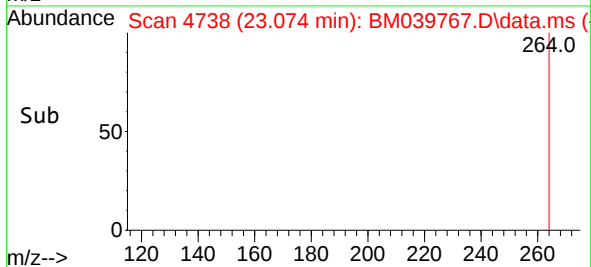
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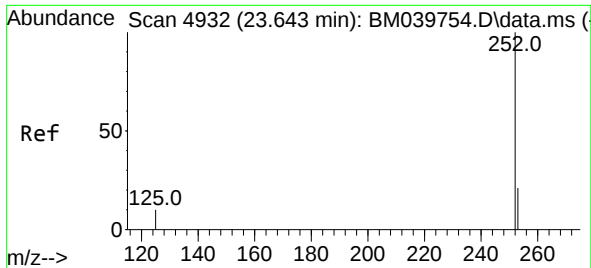


#25
Benzo(k)fluoranthene
Concen: 0.166 ng/ul m
RT: 23.074 min Scan# 4738
Delta R.T. -0.004 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:56



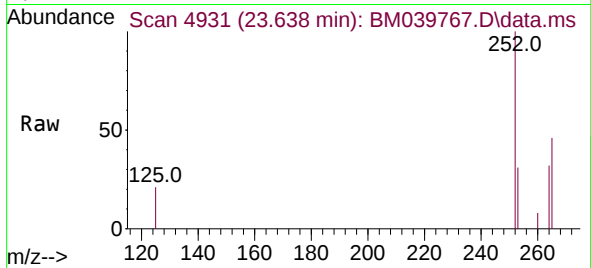
Tgt Ion:252 Resp: 6718
Ion Ratio Lower Upper
252 100
253 34.8 21.3 31.9#
125 24.4 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 0.331 ng/ul
RT: 23.638 min Scan# 4931
Delta R.T. -0.004 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:56

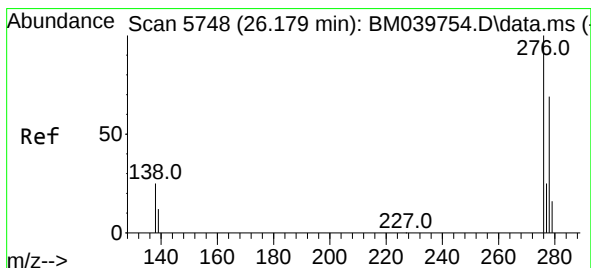
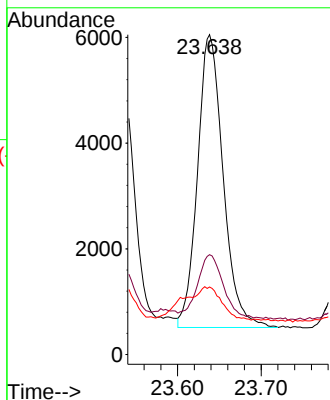
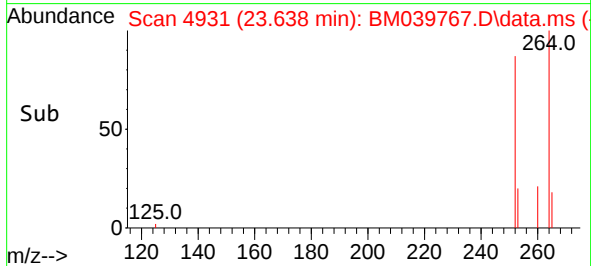
Instrument :
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EW8X1DL



Tgt Ion:252 Resp: 11791
Ion Ratio Lower Upper
252 100
253 31.2 24.7 37.1
125 21.1 16.5 24.7

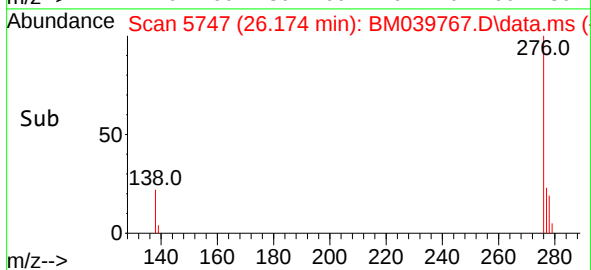
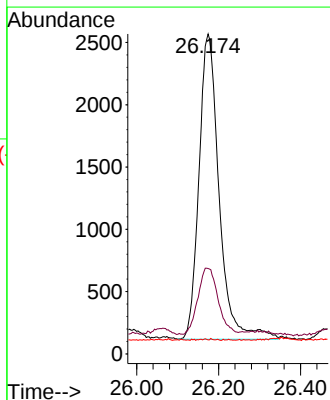
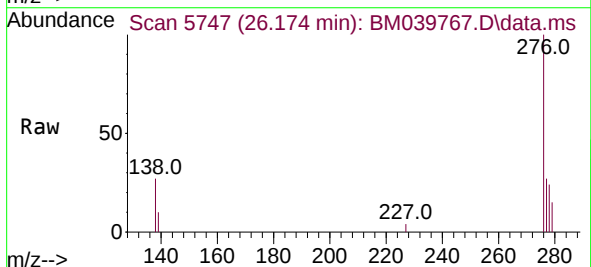
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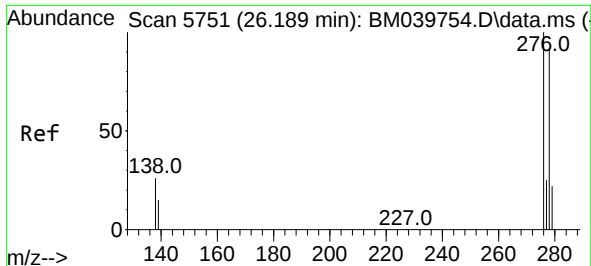
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.186 ng/ul
RT: 26.174 min Scan# 5747
Delta R.T. -0.005 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:56

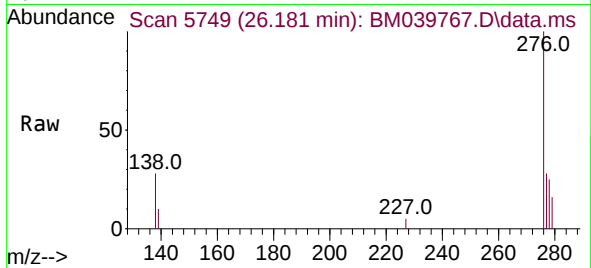
Tgt Ion:276 Resp: 8369
Ion Ratio Lower Upper
276 100
138 0.0 21.1 31.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 26.181 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:56

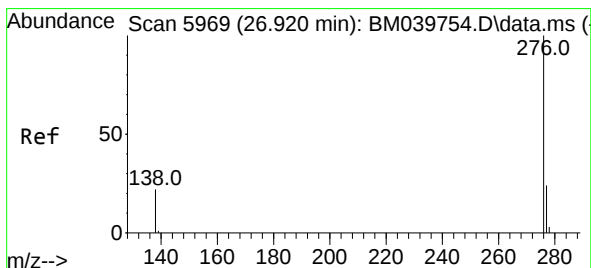
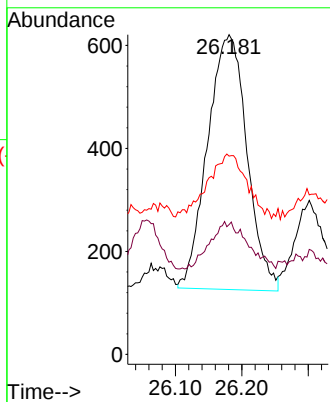
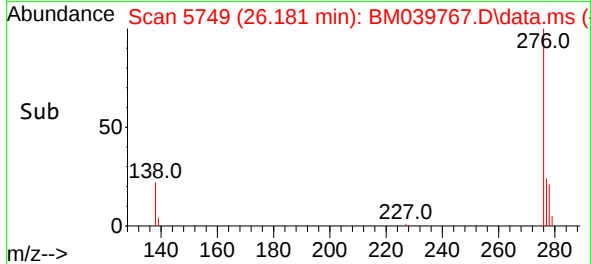
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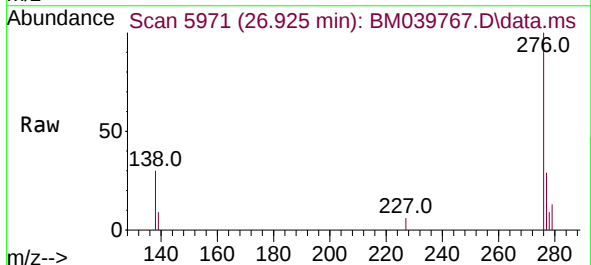
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Ion Ratio Lower Upper
278 100
139 40.6 17.0 25.6
279 62.0 23.4 35.2

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.173 ng/ul
RT: 26.925 min Scan# 5971
Delta R.T. 0.005 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:56



Tgt Ion:276 Resp: 6792
Ion Ratio Lower Upper
276 100
138 29.5 20.1 30.1
277 28.7 20.1 30.1

