

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039759.D
 Acq On : 29 Apr 2023 05:32
 Operator : CG/JU
 Sample : 02417-23DL 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW906DL

Manual Integrations
 APPROVED

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

Quant Time: May 01 01:32:22 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	3229	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.601	136	13210	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	8569	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	19863	0.400	ng/ul	0.00
17) Chrysene-d12	21.396	240	17746	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	14265	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2573	0.541	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	791	0.047	ng/ul	0.01
18) Fluoranthene-d10	19.234	212	2355	0.049	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.650	128	1579	0.048	ng/ul#	79
7) 2-Methylnaphthalene	12.289	142	1001	0.052	ng/ul	99
8) 1-Methylnaphthalene	12.498	142	721	0.035	ng/ul	100
10) Acenaphthylene	14.173	152	2938	0.089	ng/ul#	89
11) Acenaphthene	14.511	153	1337	0.051	ng/ul	95
12) Fluorene	15.505	166	1553	0.054	ng/ul#	95
15) Phenanthrene	17.242	178	52913	1.011	ng/ul	99
16) Anthracene	17.335	178	10693	0.238	ng/ul#	95
19) Fluoranthene	19.262	202	143531	2.267	ng/ul	99
20) Pyrene	19.629	202	128335	1.877	ng/ul	98
21) Benzo(a)anthracene	21.379	228	67281	1.319	ng/ul	98
22) Chrysene	21.431	228	70091	1.214	ng/ul	98
24) Benzo(b)fluoranthene	23.027	252	86617	1.729	ng/ul	97
25) Benzo(k)fluoranthene	23.071	252	26123m	0.512	ng/ul	
26) Benzo(a)pyrene	23.635	252	48978	1.089	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	26.164	276	35554	0.625	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.171	278	8232	0.186	ng/ul#	83
29) Benzo(g,h,i)perylene	26.912	276	30040	0.606	ng/ul	100

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

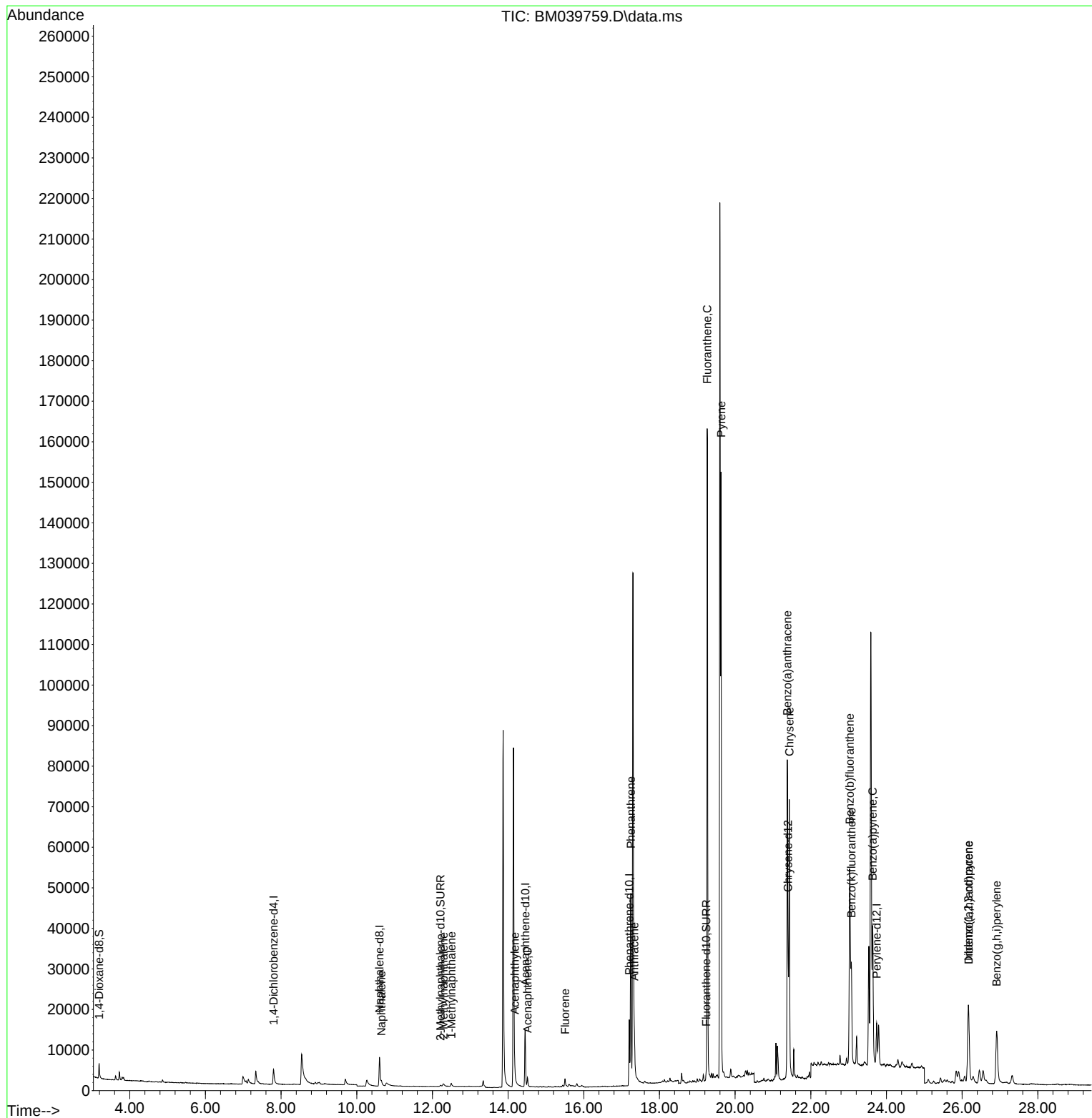
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039759.D
Acq On : 29 Apr 2023 05:32
Operator : CG/JU
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ALS Vial : 63 Sample Multiplier: 1

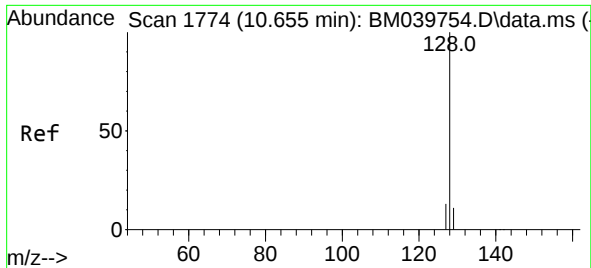
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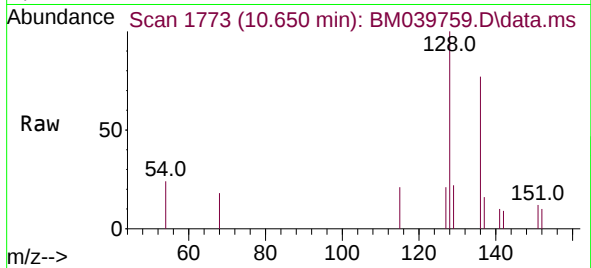
Quant Time: May 01 01:32:22 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.650 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32

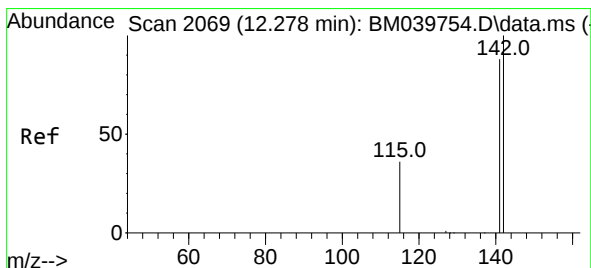
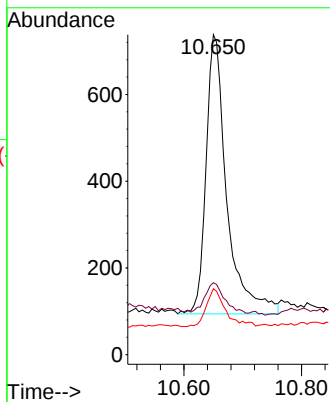
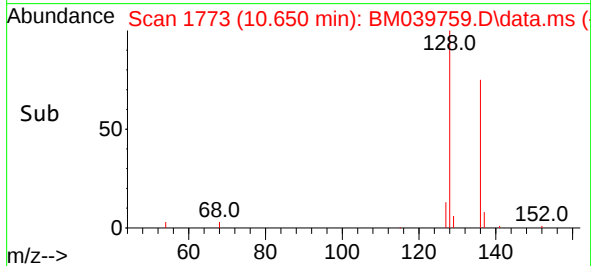
Instrument :
BNA_M
ClientSampleId :
EW906DL



Tgt Ion:128 Resp: 1579
Ion Ratio Lower Upper
128 100
129 22.5 9.8 14.6
127 20.6 11.1 16.7

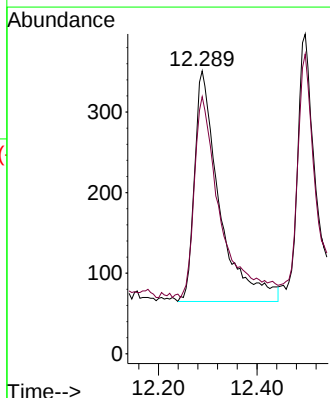
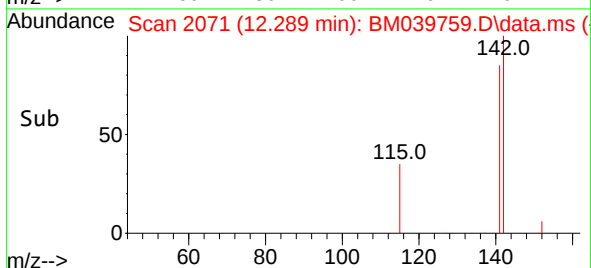
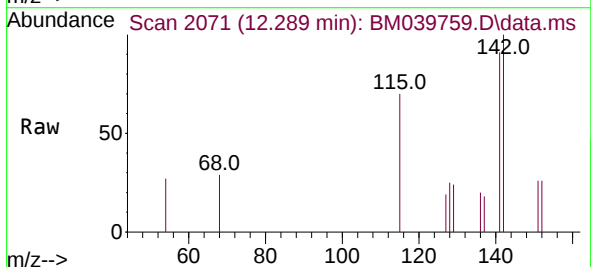
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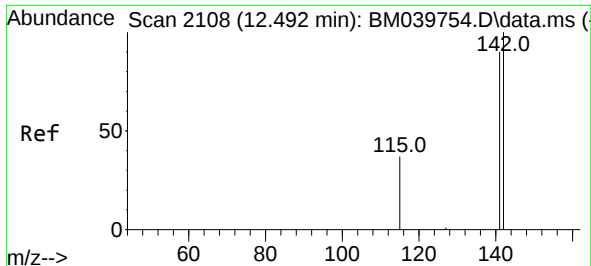
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#7
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.289 min Scan# 2071
Delta R.T. 0.011 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32

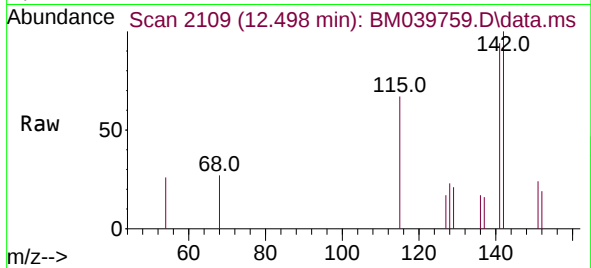
Tgt Ion:142 Resp: 1001
Ion Ratio Lower Upper
142 100
141 90.7 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.498 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32

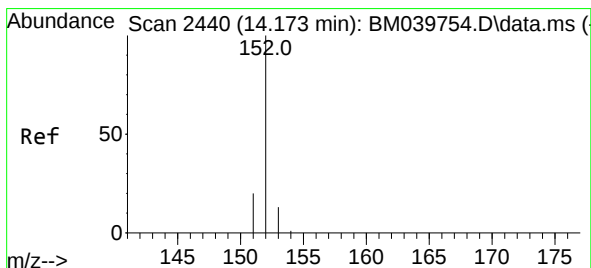
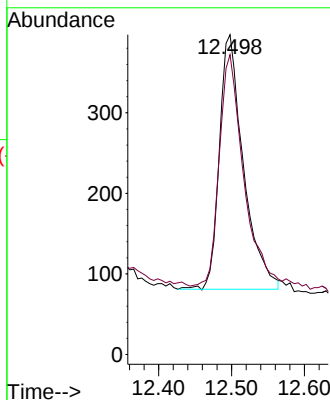
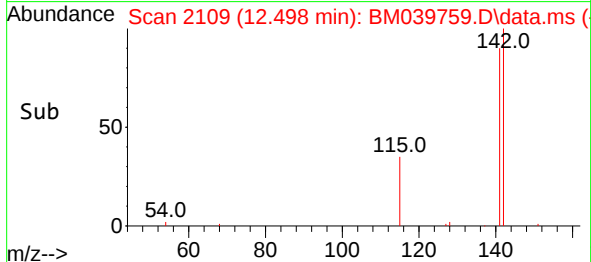
Instrument :
BNA_M
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EW906DL



Tgt Ion:142 Resp: 721
Ion Ratio Lower Upper
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141 91.4 73.4 110.2

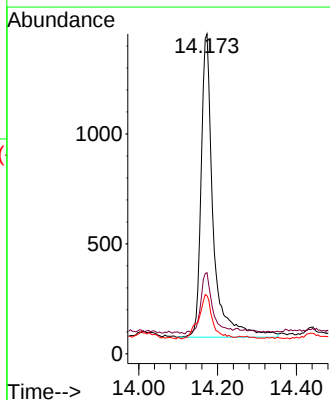
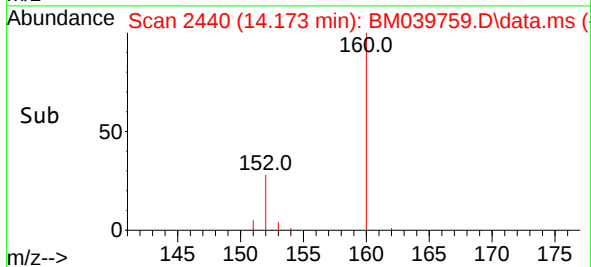
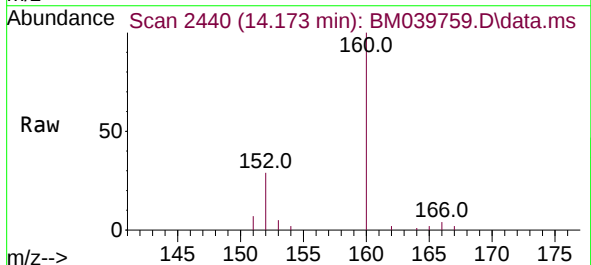
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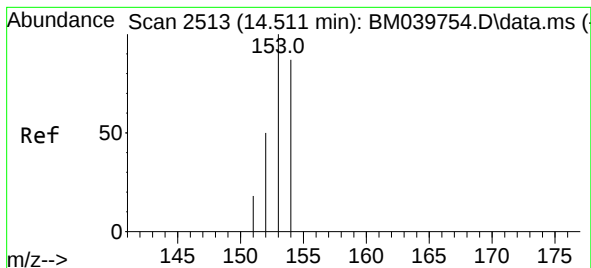
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32

Tgt Ion:152 Resp: 2938
Ion Ratio Lower Upper
152 100
151 25.4 16.0 24.0#
153 18.1 11.2 16.8#





#11

Acenaphthene

Concen: 0.051 ng/ul

RT: 14.511 min Scan# 2513

Delta R.T. 0.000 min

Lab File: BM039759.D

Acq: 29 Apr 2023 05:32

Instrument :

BNA_M

ClientSampleId :

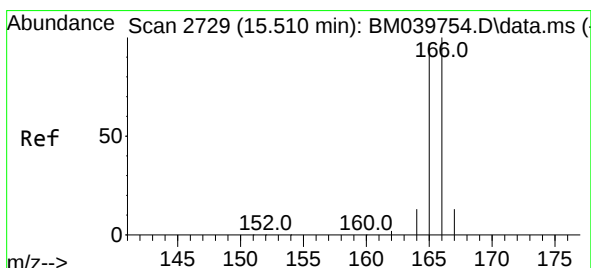
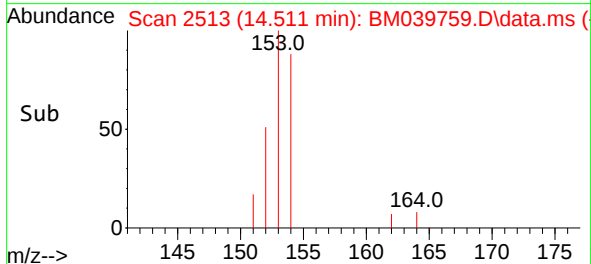
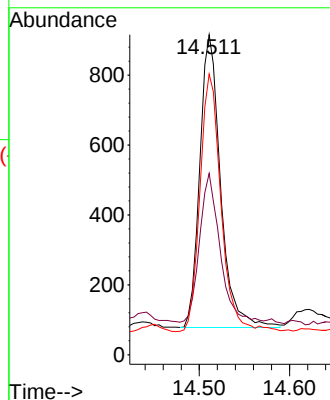
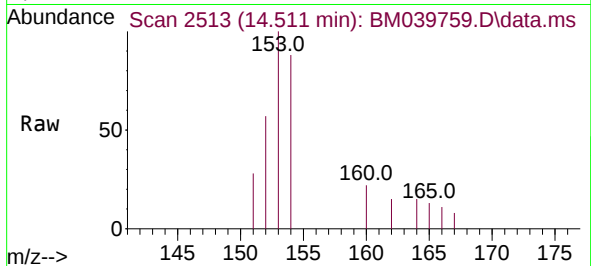
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Tgt Ion:153	Resp:	1337
Ion Ratio	Lower	Upper
153	100	
152	56.7	40.6 61.0
154	87.7	71.9 107.9

Manual Integrations

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#12

Fluorene

Concen: 0.054 ng/ul

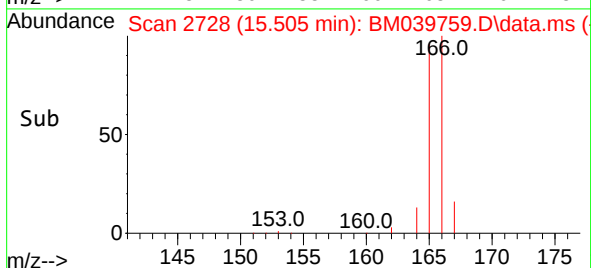
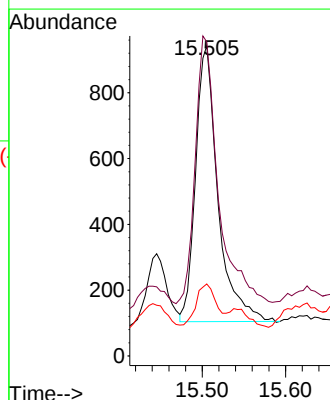
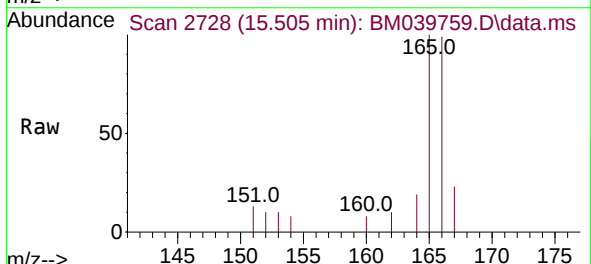
RT: 15.505 min Scan# 2728

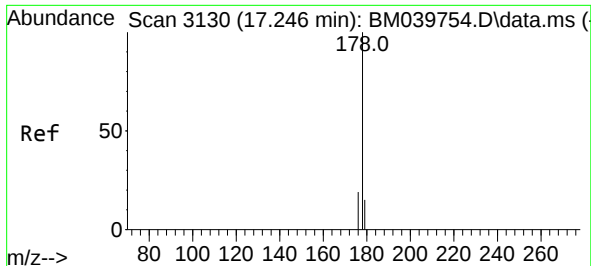
Delta R.T. -0.004 min

Lab File: BM039759.D

Acq: 29 Apr 2023 05:32

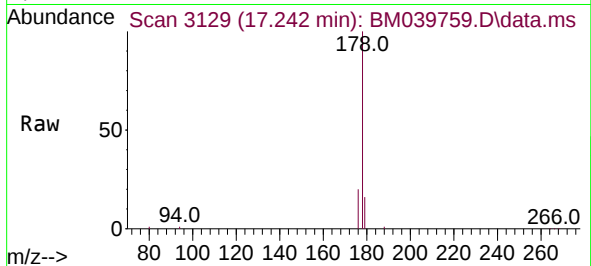
Tgt Ion:166	Resp:	1553
Ion Ratio	Lower	Upper
166	100	
165	101.3	79.0 118.6
167	23.2	11.8 17.6





#15
Phenanthrene
Concen: 1.011 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32

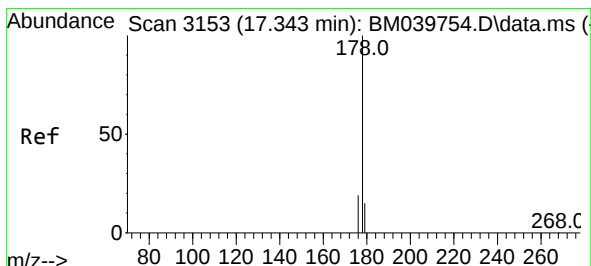
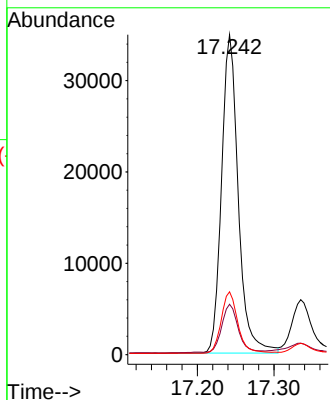
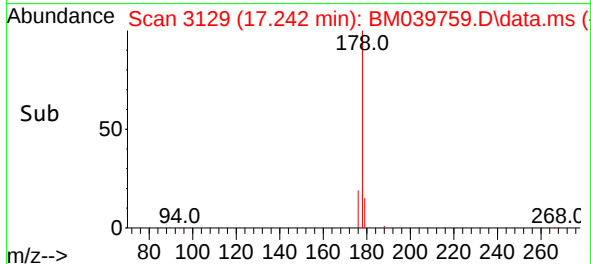
Instrument :
BNA_M
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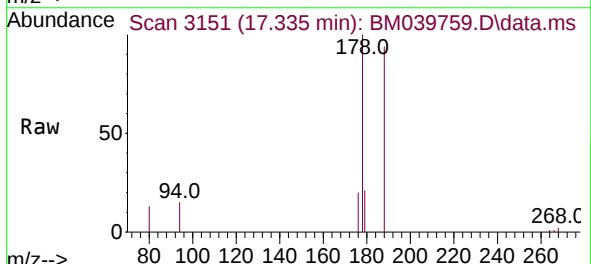
Tgt Ion:178 Resp: 52913
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.6 15.8 23.8

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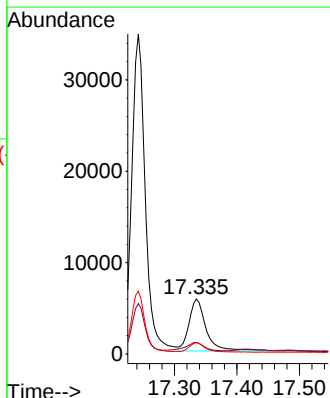
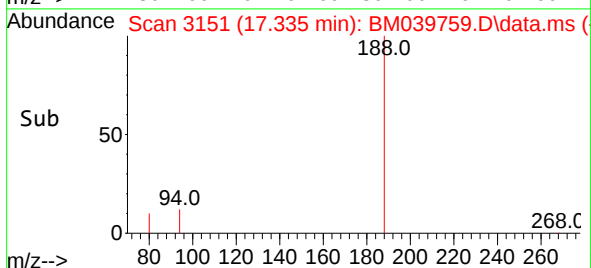
Reviewed By :Christian Giraldo 05/01/2023
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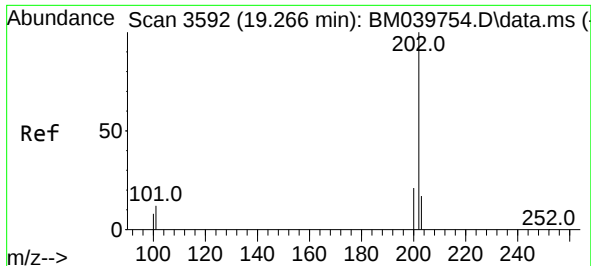


#16
Anthracene
Concen: 0.238 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32



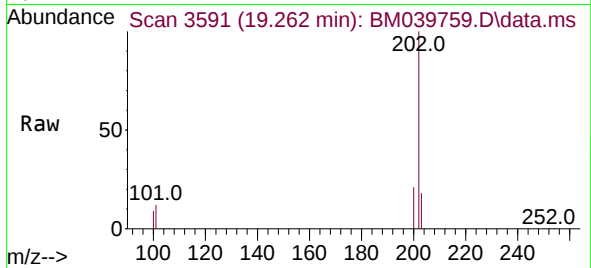
Tgt Ion:178 Resp: 10693
Ion Ratio Lower Upper
178 100
179 21.0 13.8 20.6#
176 20.5 15.8 23.8





#19
Fluoranthene
Concen: 2.267 ng/u1
RT: 19.262 min Scan# 3591
Delta R.T. -0.005 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32

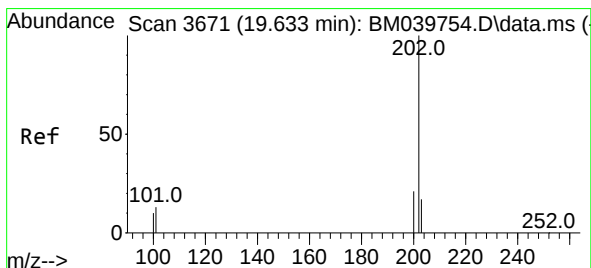
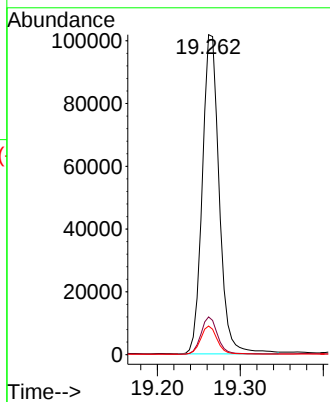
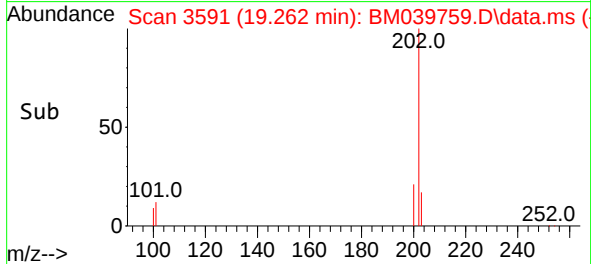
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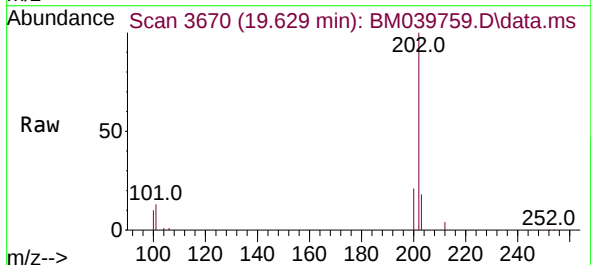
Tgt Ion:202 Resp: 143531
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.9 7.3 10.9

Manual Integrations
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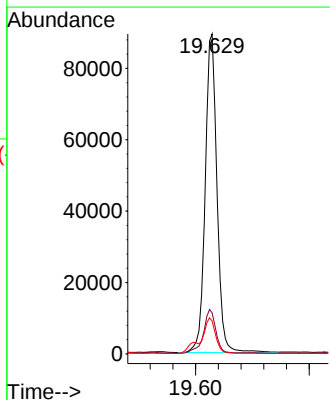
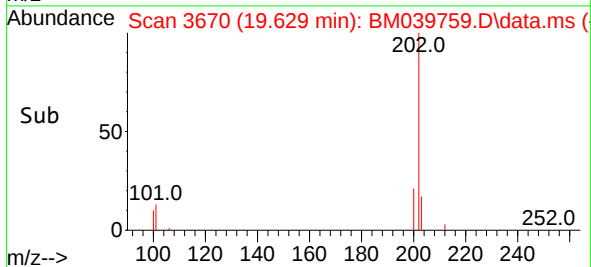
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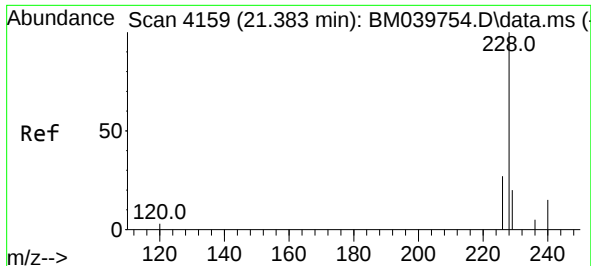


#20
Pyrene
Concen: 1.877 ng/u1
RT: 19.629 min Scan# 3670
Delta R.T. -0.004 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32



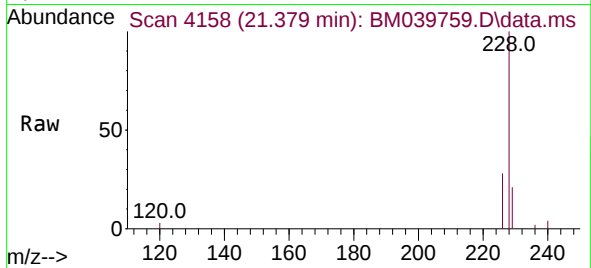
Tgt Ion:202 Resp: 128335
Ion Ratio Lower Upper
202 100
101 12.8 10.9 16.3
100 10.3 8.9 13.3





#21
Benzo(a)anthracene
Concen: 1.319 ng/ul
RT: 21.379 min Scan# 4159
Delta R.T. -0.004 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32

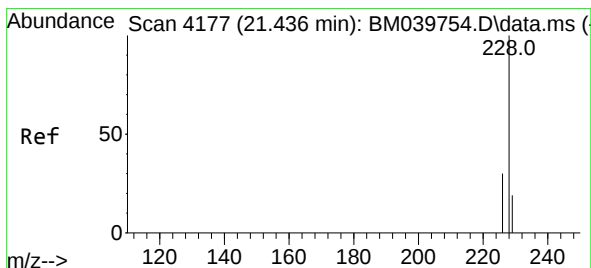
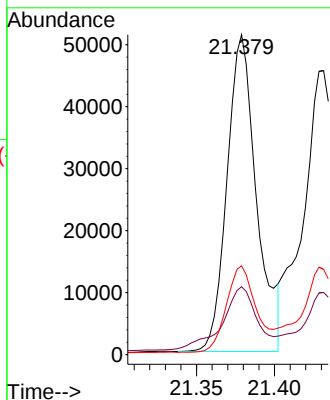
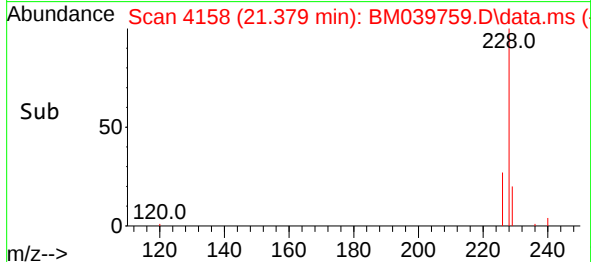
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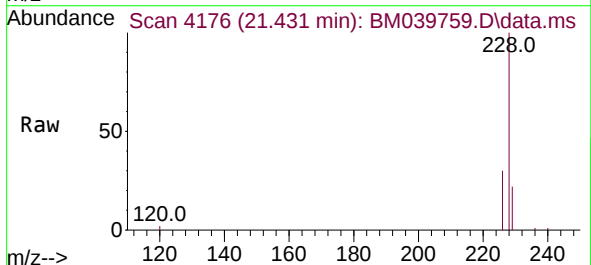
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Ion Ratio Lower Upper
228 100
229 21.2 16.2 24.2
226 27.7 21.6 32.4

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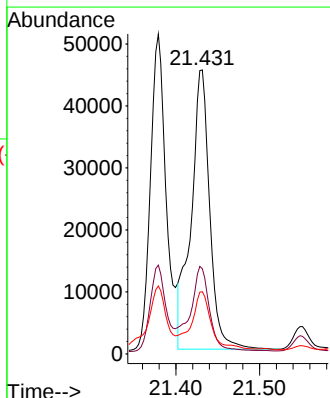
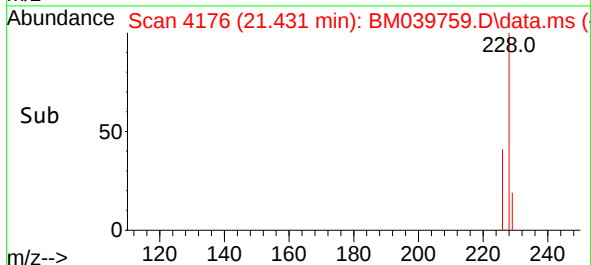
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

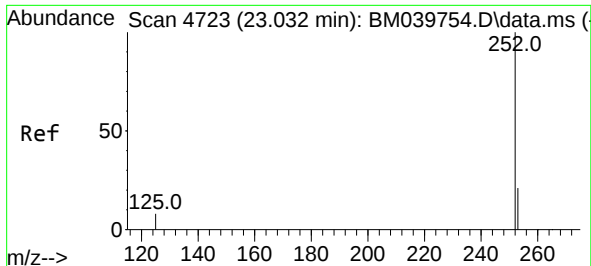


#22
Chrysene
Concen: 1.214 ng/ul
RT: 21.431 min Scan# 4176
Delta R.T. -0.005 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32



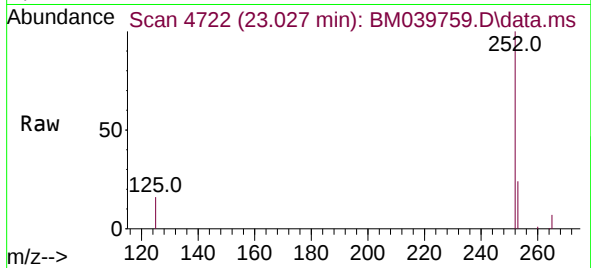
Tgt Ion:228 Resp: 70091
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 21.9 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.729 ng/ul
RT: 23.027 min Scan# 4722
Delta R.T. -0.004 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32

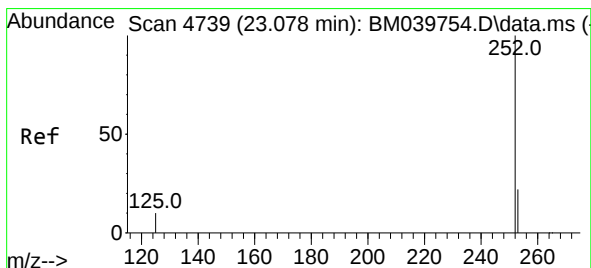
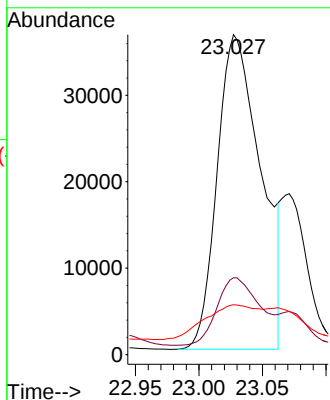
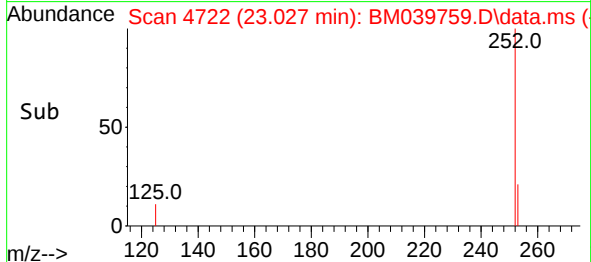
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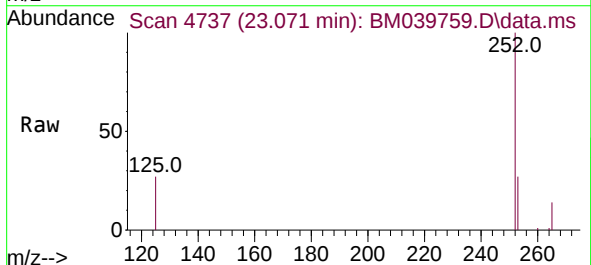
Tgt Ion:252 Resp: 86617
Ion Ratio Lower Upper
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253 24.0 0.0 52.8
125 15.6 0.0 31.6

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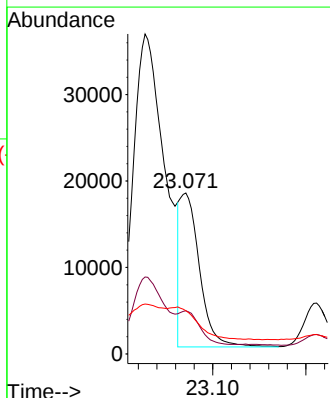
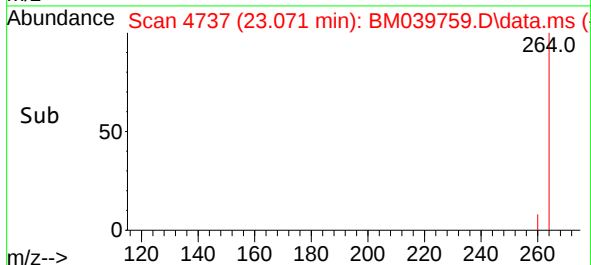
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

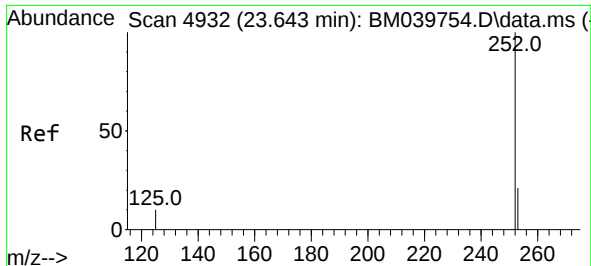


#25
Benzo(k)fluoranthene
Concen: 0.512 ng/ul m
RT: 23.071 min Scan# 4737
Delta R.T. -0.007 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32



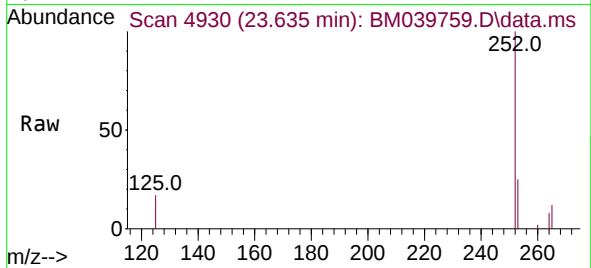
Tgt Ion:252 Resp: 26123
Ion Ratio Lower Upper
252 100
253 26.8 21.3 31.9
125 26.8 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 1.089 ng/ul
RT: 23.635 min Scan# 4932
Delta R.T. -0.007 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32

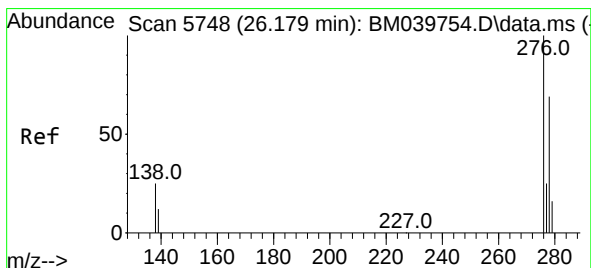
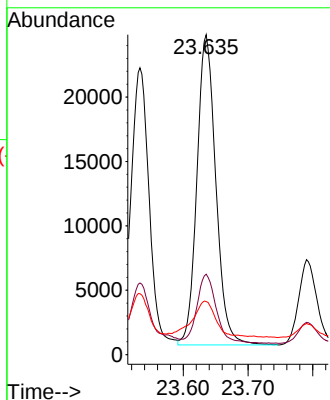
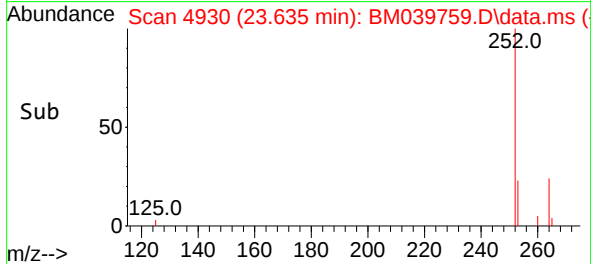
Instrument :
BNA_M
ClientSampleId :
EW906DL



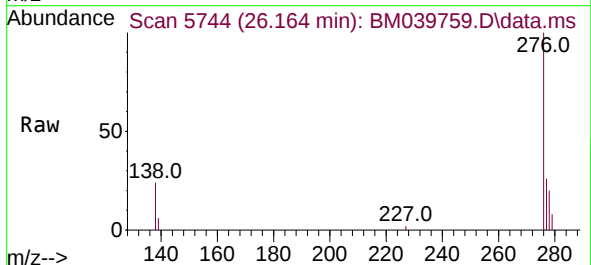
Tgt Ion:252 Resp: 48978
Ion Ratio Lower Upper
252 100
253 25.1 24.7 37.1
125 16.6 16.5 24.7

Manual Integrations
APPROVED

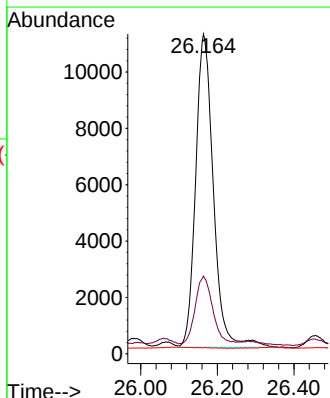
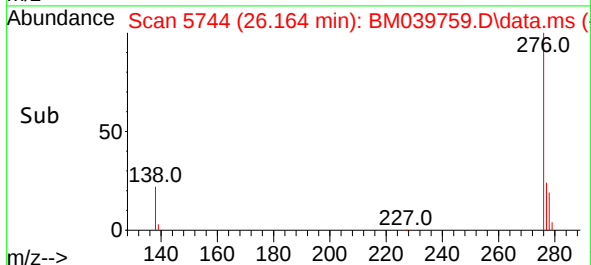
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

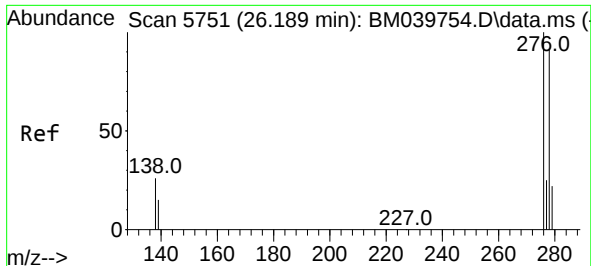


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.625 ng/ul
RT: 26.164 min Scan# 5744
Delta R.T. -0.015 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32



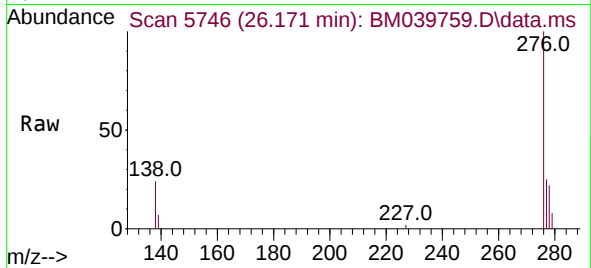
Tgt Ion:276 Resp: 35554
Ion Ratio Lower Upper
276 100
138 23.3 21.1 31.7
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.186 ng/ul
RT: 26.171 min Scan# 5746
Delta R.T. -0.018 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32

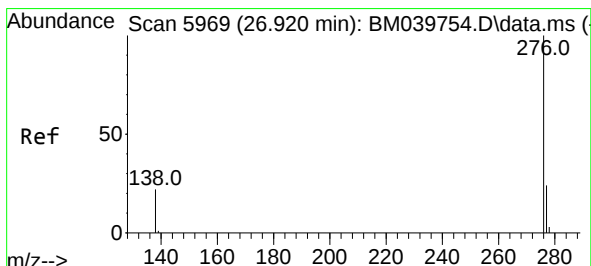
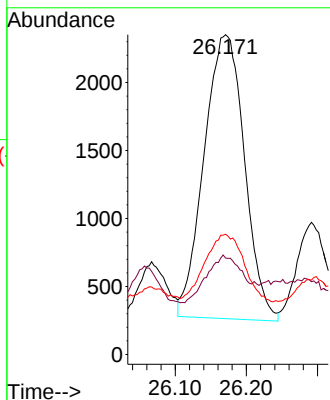
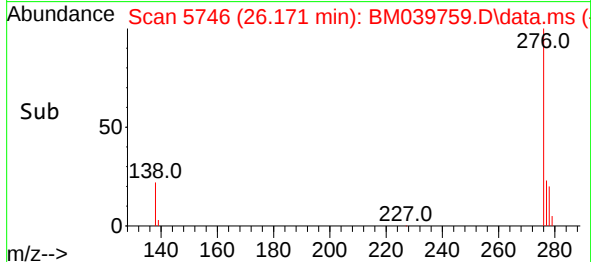
Instrument :
BNA_M
ClientSampleId :
EW906DL



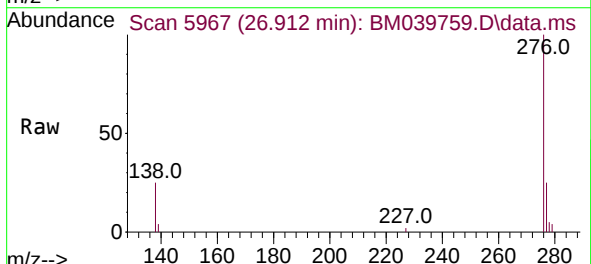
Tgt Ion:278 Resp: 8232
Ion Ratio Lower Upper
278 100
139 30.1 17.0 25.6
279 37.6 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.606 ng/ul
RT: 26.912 min Scan# 5967
Delta R.T. -0.008 min
Lab File: BM039759.D
Acq: 29 Apr 2023 05:32



Tgt Ion:276 Resp: 30040
Ion Ratio Lower Upper
276 100
138 24.8 20.1 30.1
277 25.1 20.1 30.1

