

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039757.D
 Acq On : 29 Apr 2023 04:19
 Operator : CG/JU
 Sample : 02417-08
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X4

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 05:21:20 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	4210	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.595	136	16542	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.446	164	9853	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	21259	0.400	ng/ul	0.00
17) Chrysene-d12	21.396	240	13530	0.400	ng/ul	# 0.00
23) Perylene-d12	23.743	264	11155	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	15121	2.437	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	4518	0.213	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	9809	0.269	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.645	128	3904	0.094	ng/ul#	92
7) 2-Methylnaphthalene	12.272	142	3104	0.129	ng/ul	96
8) 1-Methylnaphthalene	12.487	142	2384	0.093	ng/ul	99
10) Acenaphthylene	14.168	152	3260	0.085	ng/ul#	88
11) Acenaphthene	14.511	153	3165	0.106	ng/ul	99
12) Fluorene	15.501	166	4031	0.121	ng/ul#	98
15) Phenanthrene	17.242	178	92045	1.643	ng/ul	98
16) Anthracene	17.331	178	13288	0.276	ng/ul	96
19) Fluoranthene	19.262	202	133696	2.770	ng/ul	99
20) Pyrene	19.624	202	102678	1.970	ng/ul	99
21) Benzo(a)anthracene	21.379	228	38748	0.996	ng/ul	96
22) Chrysene	21.431	228	49513	1.125	ng/ul	97
24) Benzo(b)fluoranthene	23.030	252	53627	1.369	ng/ul	93
25) Benzo(k)fluoranthene	23.071	252	15726m	0.394	ng/ul	
26) Benzo(a)pyrene	23.635	252	29320	0.834	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.171	276	23853	0.536	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.171	278	5249	0.152	ng/ul#	64
29) Benzo(g,h,i)perylene	26.919	276	20240	0.522	ng/ul	97

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

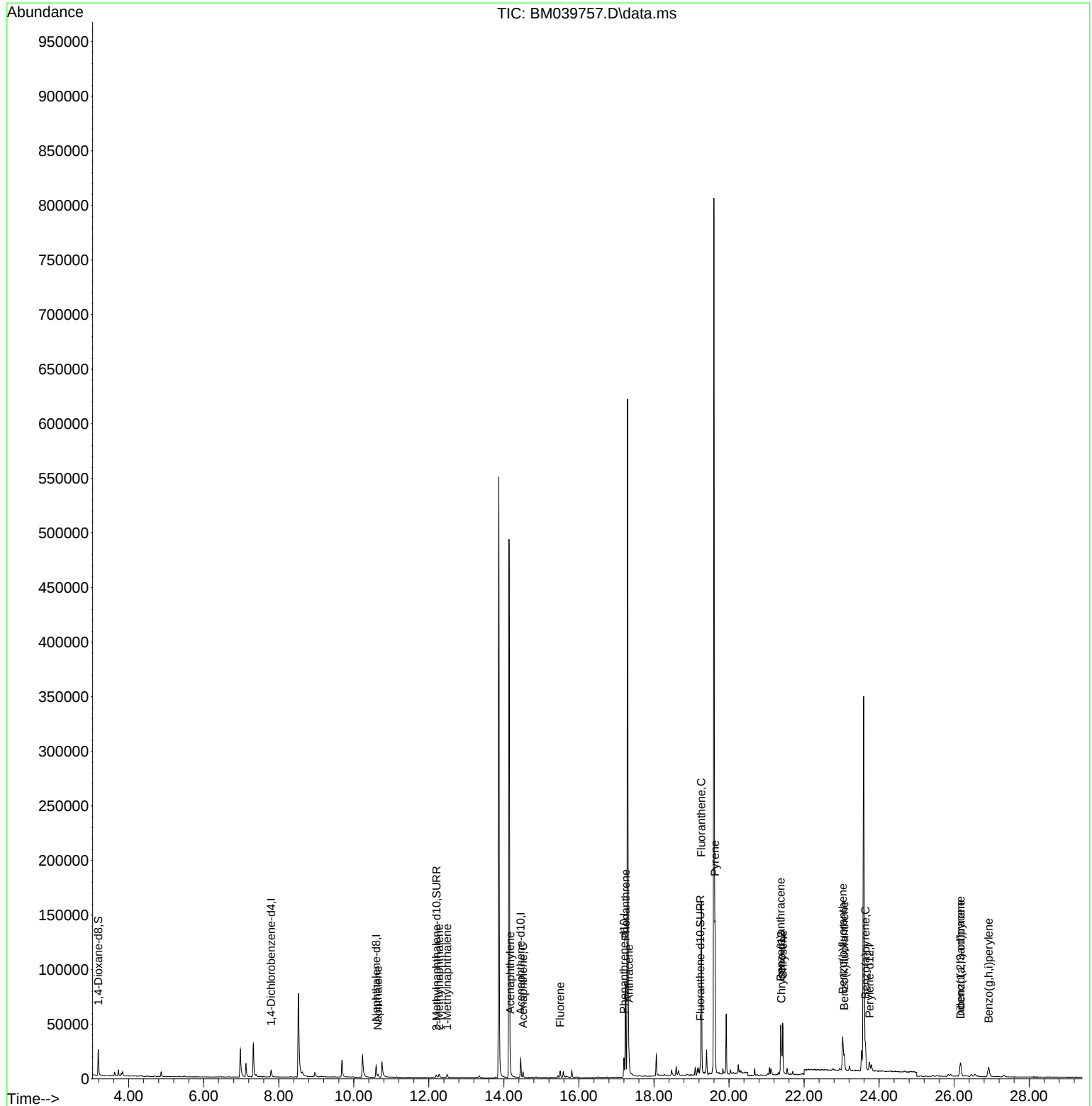
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039757.D
Acq On : 29 Apr 2023 04:19
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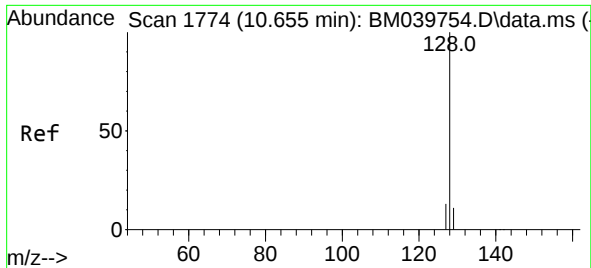
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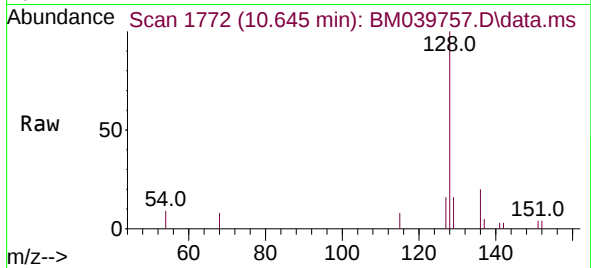
Quant Time: Apr 29 05:21:20 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.094 ng/ul
RT: 10.645 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19

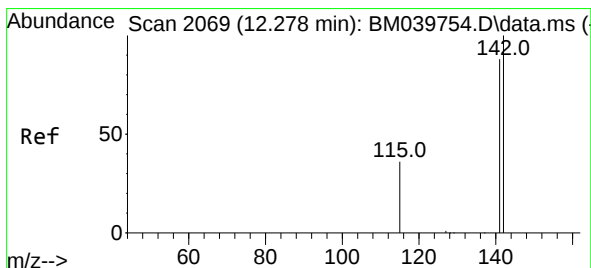
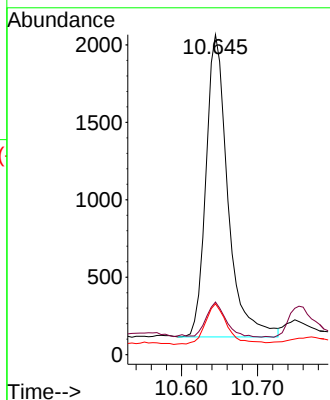
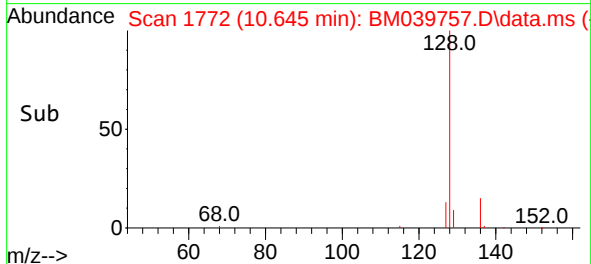
Instrument :
BNA_M
ClientSampleId :
EW8X4



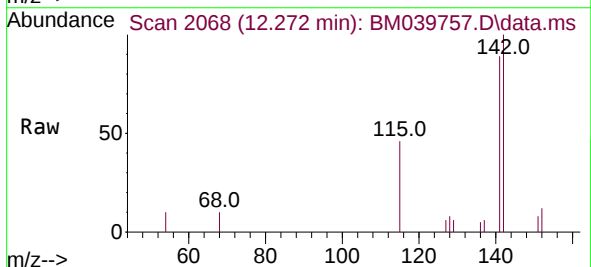
Tgt Ion:128 Resp: 3904
Ion Ratio Lower Upper
128 100
129 16.4 9.8 14.6
127 15.9 11.1 16.7

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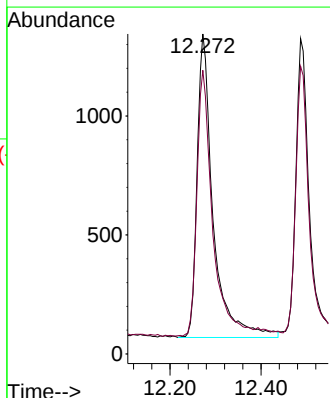
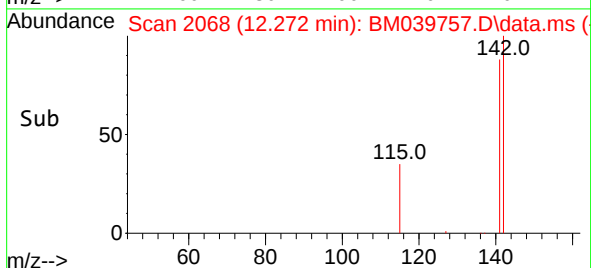
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

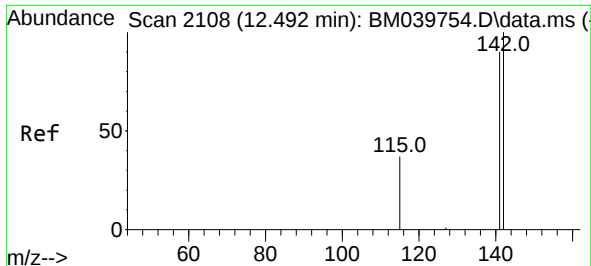


#7
2-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. -0.005 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19



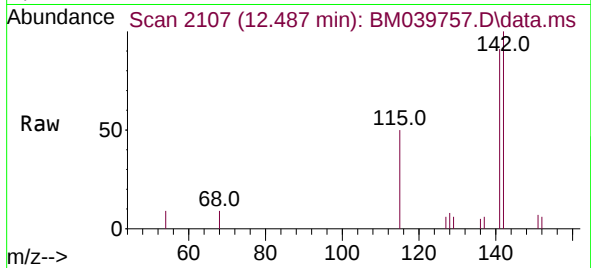
Tgt Ion:142 Resp: 3104
Ion Ratio Lower Upper
142 100
141 88.1 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.487 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19

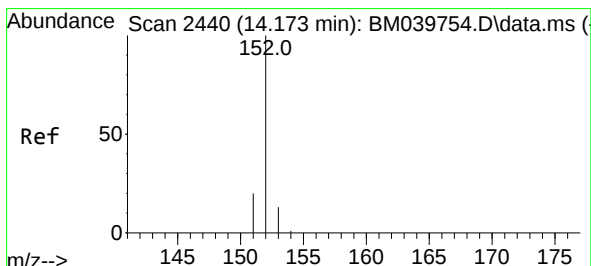
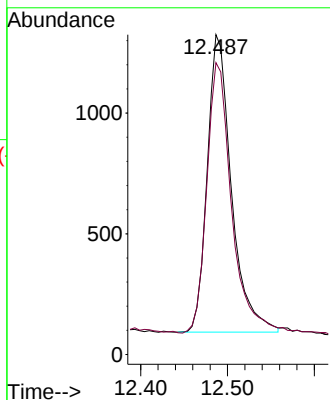
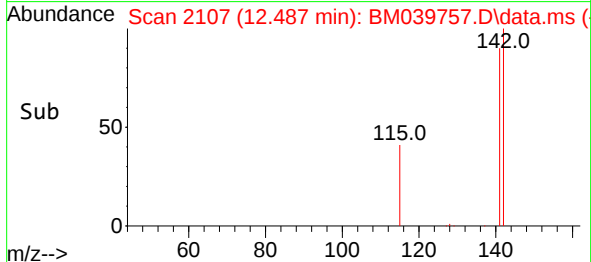
Instrument :
BNA_M
ClientSampleId :
EW8X4



Tgt Ion:142 Resp: 2384
Ion Ratio Lower Upper
142 100
141 93.1 73.4 110.2

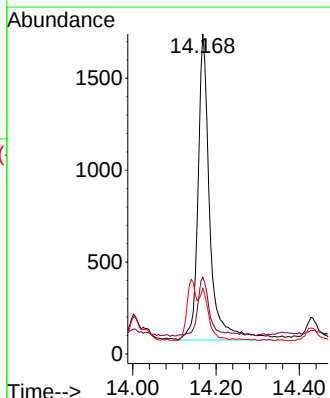
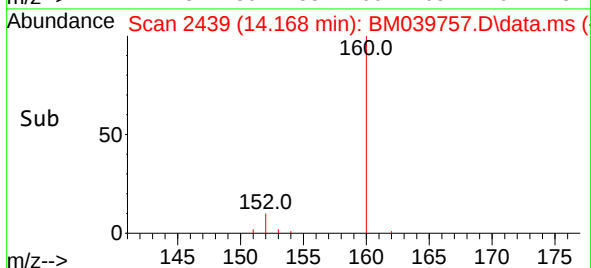
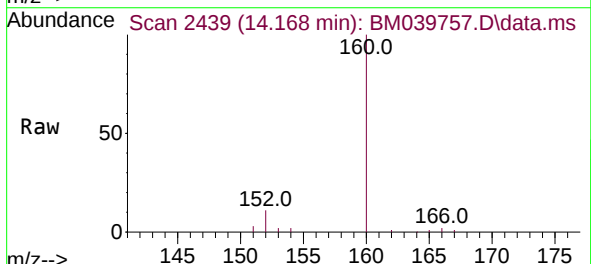
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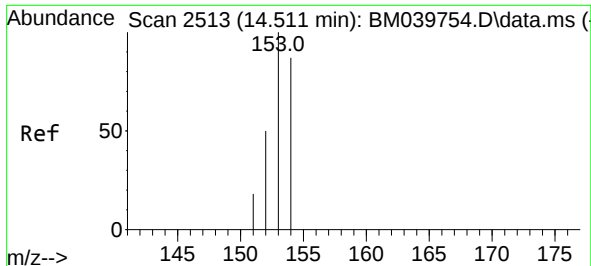
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19

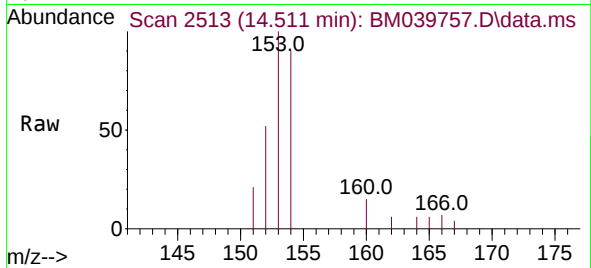
Tgt Ion:152 Resp: 3260
Ion Ratio Lower Upper
152 100
151 23.9 16.0 24.0
153 20.5 11.2 16.8#





#11
Acenaphthene
Concen: 0.106 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19

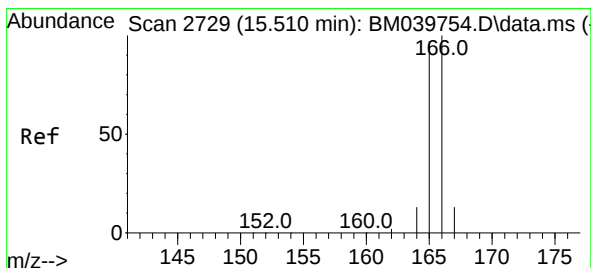
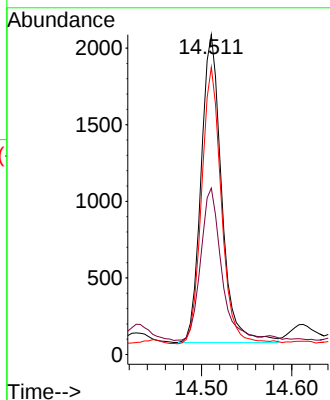
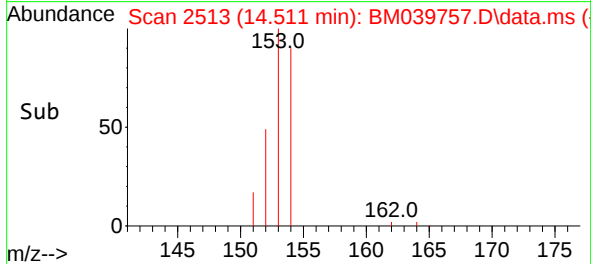
Instrument :
BNA_M
ClientSampleId :
EW8X4



Tgt Ion:153 Resp: 3165
Ion Ratio Lower Upper
153 100
152 52.0 40.6 61.0
154 89.8 71.9 107.9

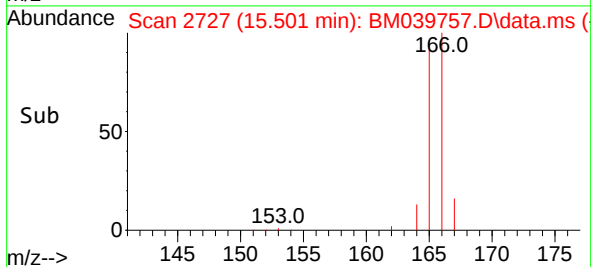
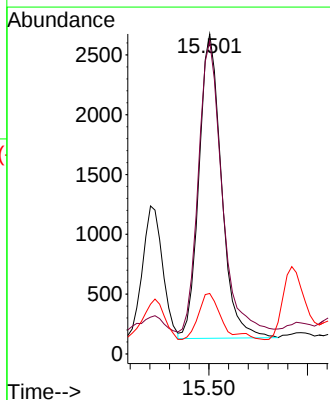
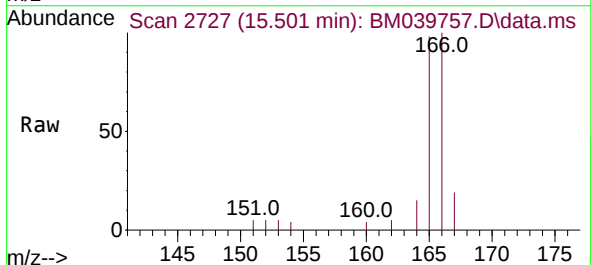
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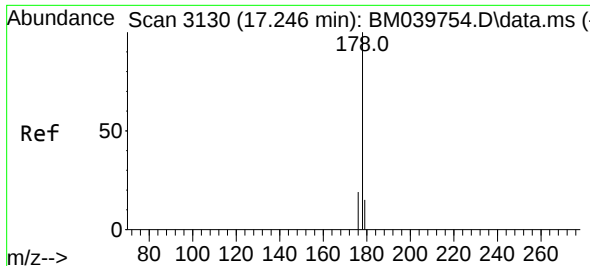
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.121 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.009 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19

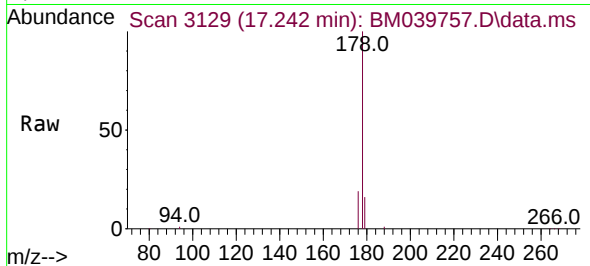
Tgt Ion:166 Resp: 4031
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 18.9 11.8 17.6#





#15
Phenanthrene
Concen: 1.643 ng/ul
RT: 17.242 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19

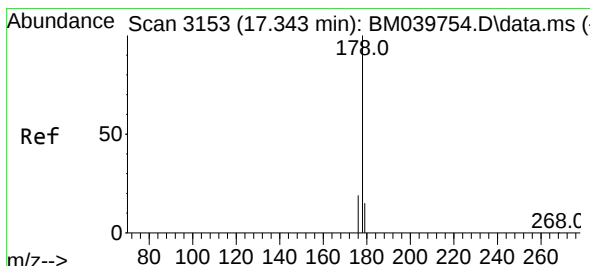
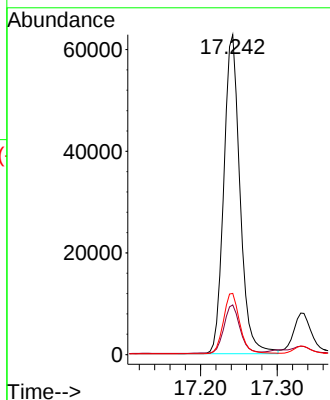
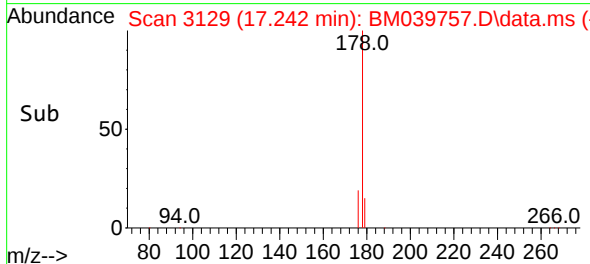
Instrument :
BNA_M
ClientSampleId :
EW8X4



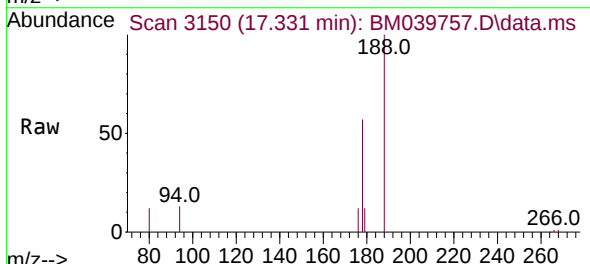
Tgt Ion:178 Resp: 92045
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.1 15.8 23.8

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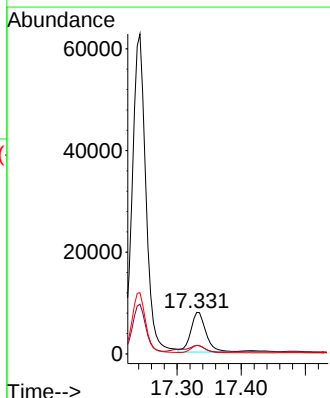
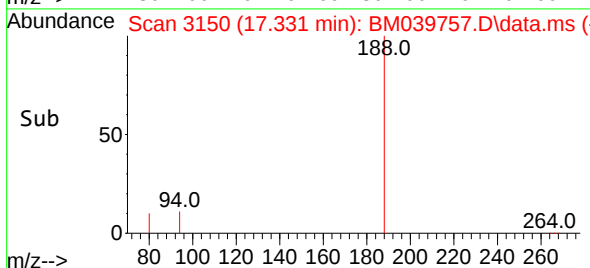
Reviewed By :Christian Giraldo 05/01/2023
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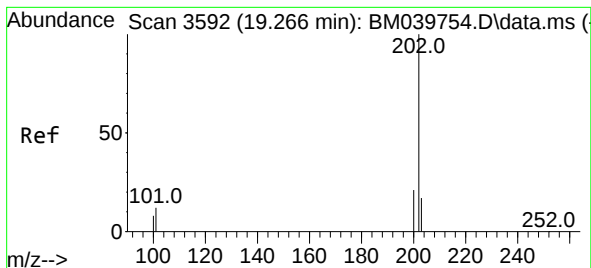


#16
Anthracene
Concen: 0.276 ng/ul
RT: 17.331 min Scan# 3150
Delta R.T. -0.013 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19



Tgt Ion:178 Resp: 13288
Ion Ratio Lower Upper
178 100
179 20.2 13.8 20.6
176 20.6 15.8 23.8





#19

Fluoranthene

Concen: 2.770 ng/ul

RT: 19.262 min Scan# 3592

Delta R.T. -0.005 min

Lab File: BM039757.D

Acq: 29 Apr 2023 04:19

Instrument :

BNA_M

ClientSampleId :

EW8X4

Tgt Ion:202 Resp: 133696

Ion Ratio Lower Upper

202 100

101 12.5 9.8 14.8

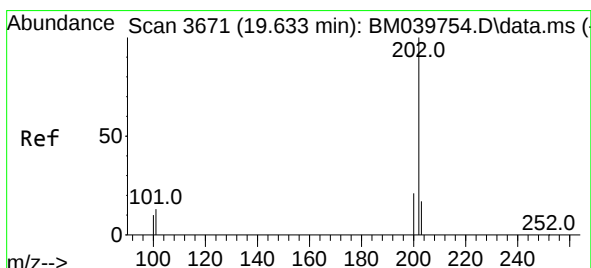
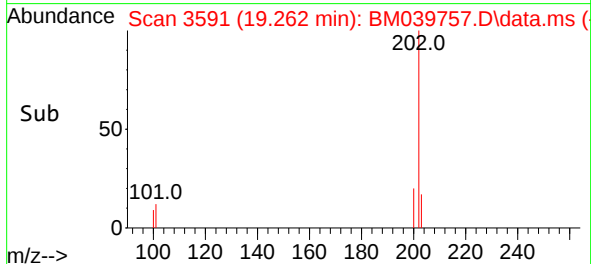
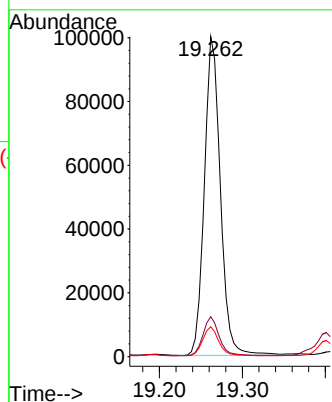
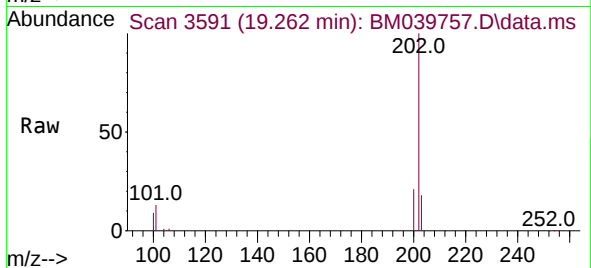
100 9.3 7.3 10.9

Manual Integrations

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#20

Pyrene

Concen: 1.970 ng/ul

RT: 19.624 min Scan# 3669

Delta R.T. -0.009 min

Lab File: BM039757.D

Acq: 29 Apr 2023 04:19

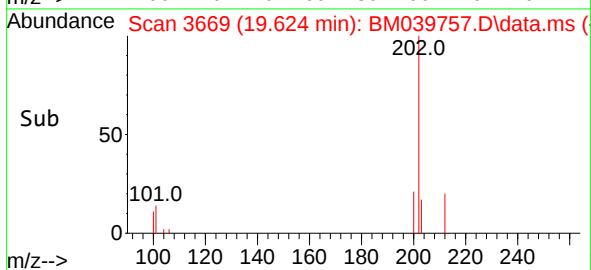
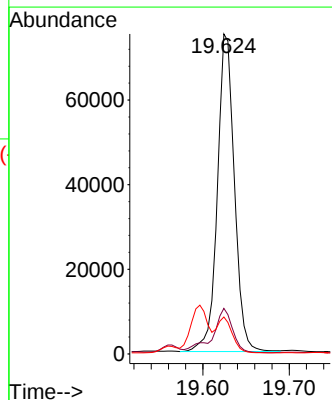
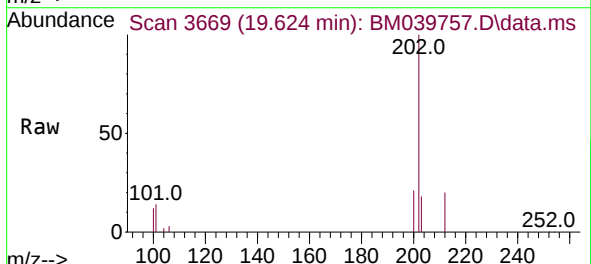
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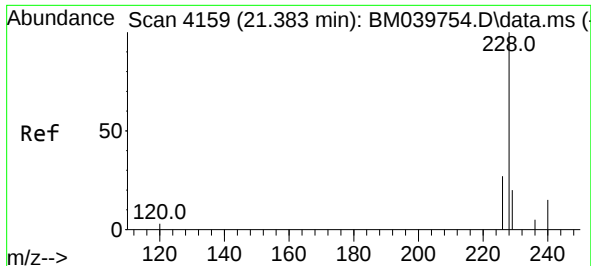
Ion Ratio Lower Upper

202 100

101 14.2 10.9 16.3

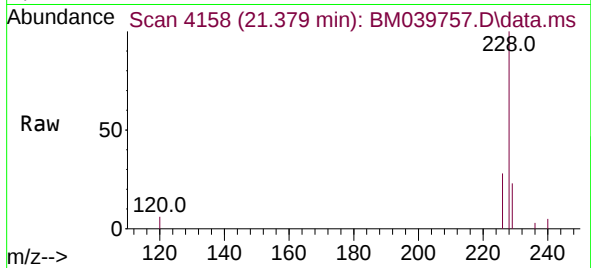
100 11.5 8.9 13.3





#21
Benzo(a)anthracene
Concen: 0.996 ng/ul
RT: 21.379 min Scan# 4159
Delta R.T. -0.005 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19

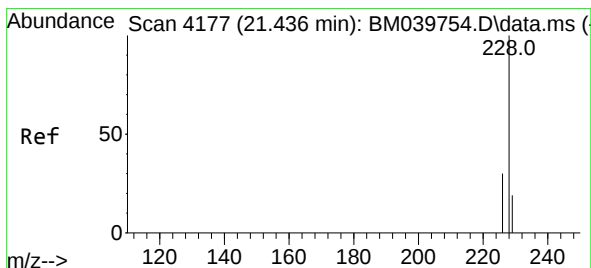
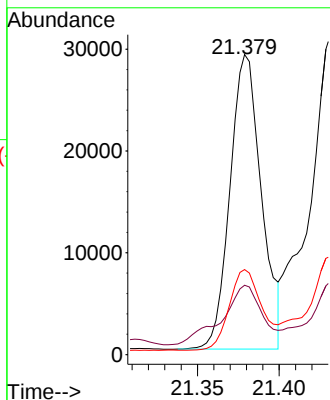
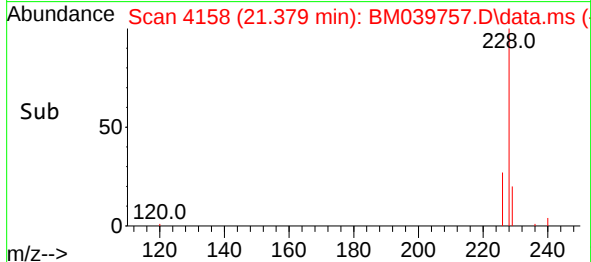
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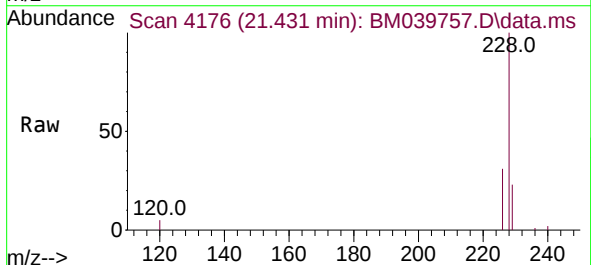
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Ion Ratio Lower Upper
228 100
229 23.1 16.2 24.2
226 28.3 21.6 32.4

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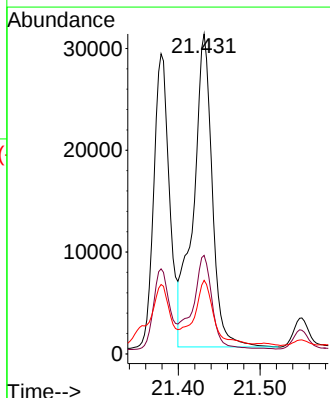
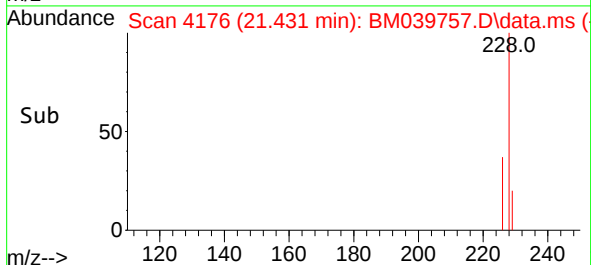
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

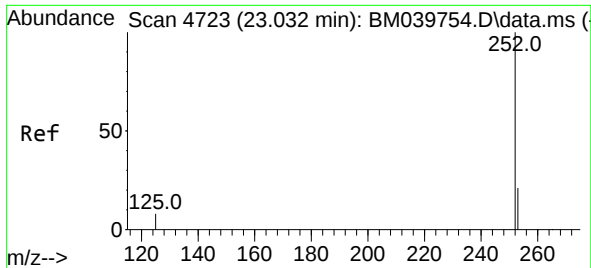


#22
Chrysene
Concen: 1.125 ng/ul
RT: 21.431 min Scan# 4176
Delta R.T. -0.005 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19



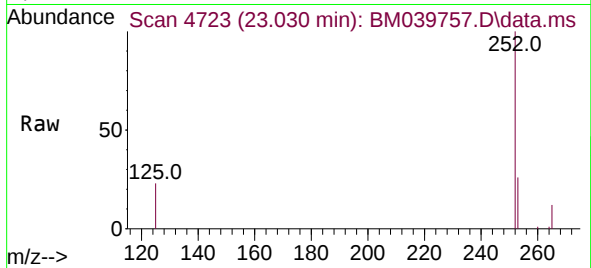
Tgt Ion:228 Resp: 49513
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 23.0 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.369 ng/ul
RT: 23.030 min Scan# 4723
Delta R.T. -0.002 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19

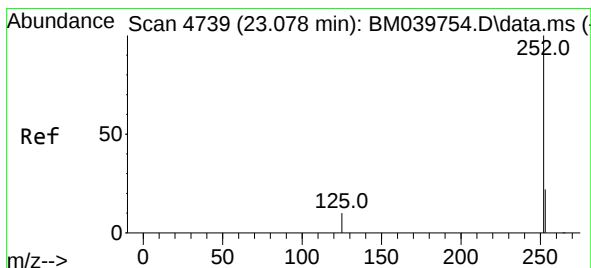
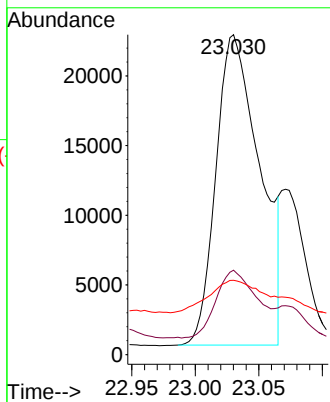
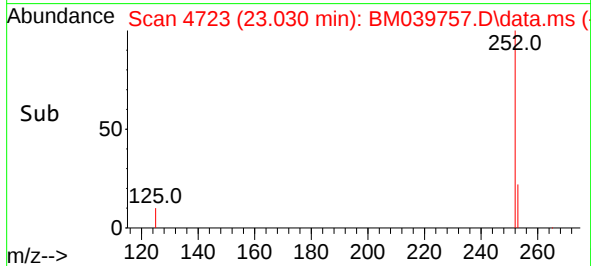
Instrument :
BNA_M
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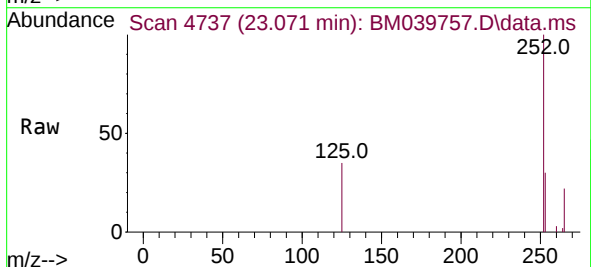
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Ion Ratio Lower Upper
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253 26.4 0.0 52.8
125 23.2 0.0 31.6

Manual Integrations
APPROVED

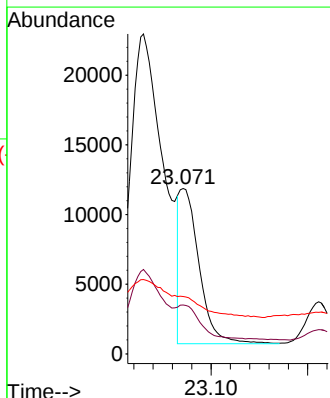
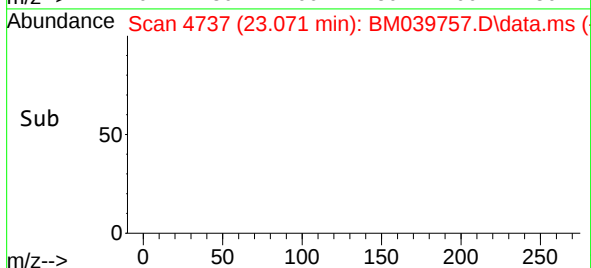
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

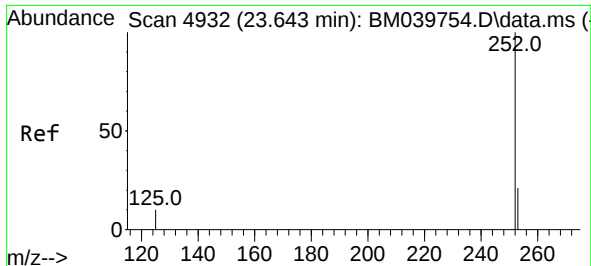


#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul m
RT: 23.071 min Scan# 4737
Delta R.T. -0.007 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19



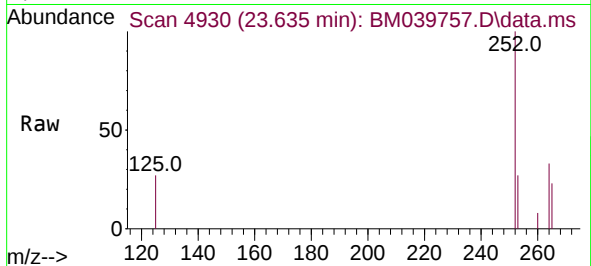
Tgt Ion:252 Resp: 15726
Ion Ratio Lower Upper
252 100
253 29.6 21.3 31.9
125 34.7 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 0.834 ng/ul
RT: 23.635 min Scan# 4932
Delta R.T. -0.007 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19

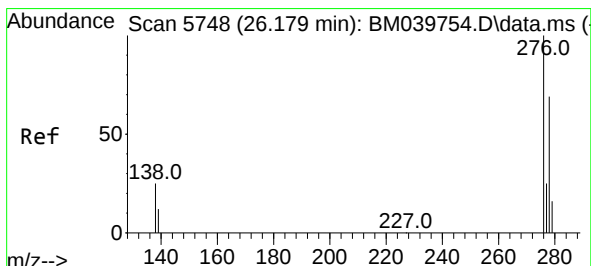
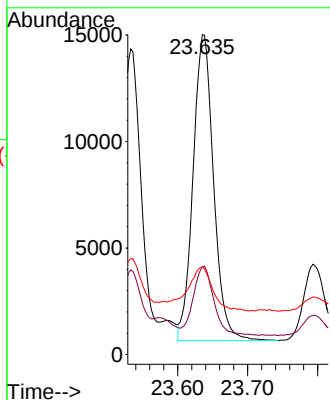
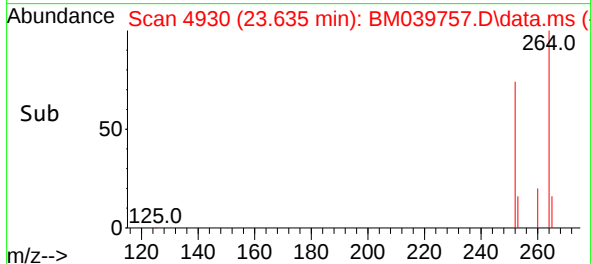
Instrument :
BNA_M
ClientSampleId :
EW8X4



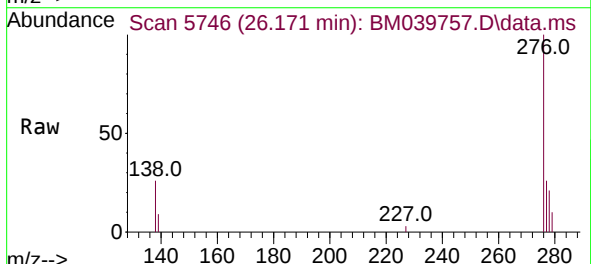
Tgt Ion:252 Resp: 29320
Ion Ratio Lower Upper
252 100
253 27.4 24.7 37.1
125 27.4 16.5 24.7

Manual Integrations
APPROVED

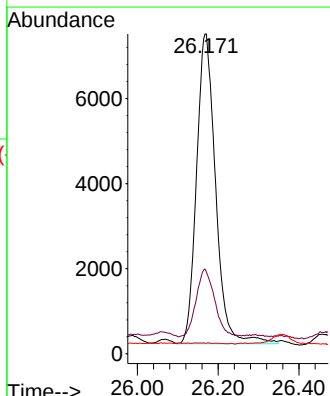
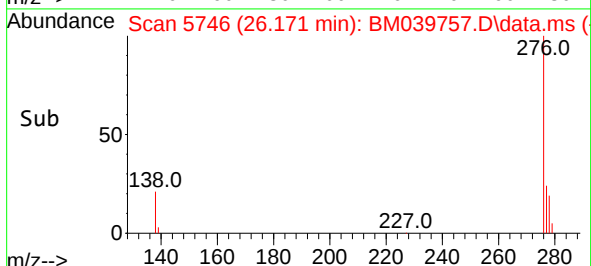
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

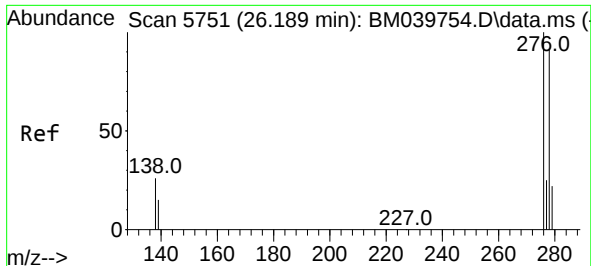


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.536 ng/ul
RT: 26.171 min Scan# 5746
Delta R.T. -0.008 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19



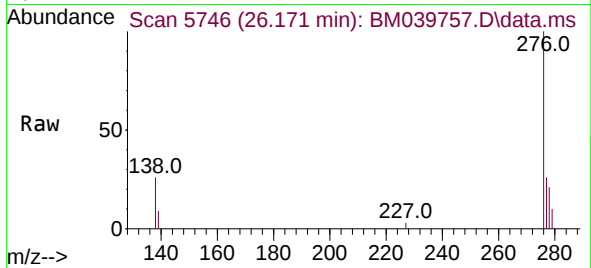
Tgt Ion:276 Resp: 23853
Ion Ratio Lower Upper
276 100
138 21.3 21.1 31.7
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.152 ng/ul
RT: 26.171 min Scan# 5746
Delta R.T. -0.018 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19

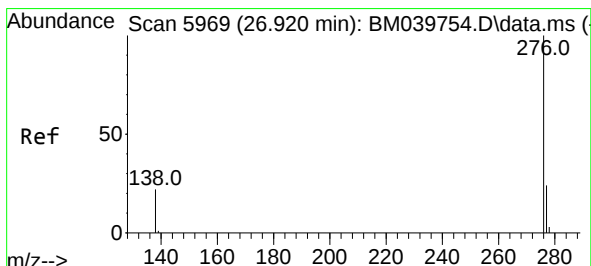
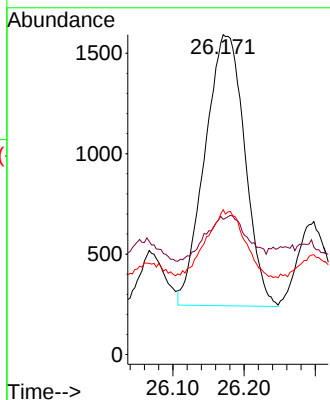
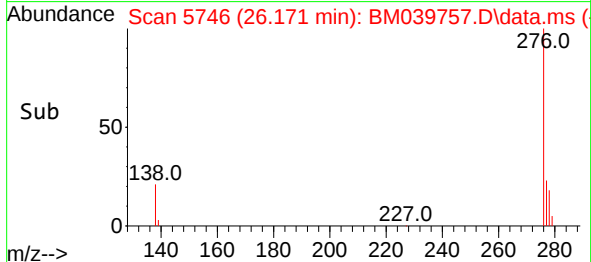
Instrument :
BNA_M
ClientSampleId :
EW8X4



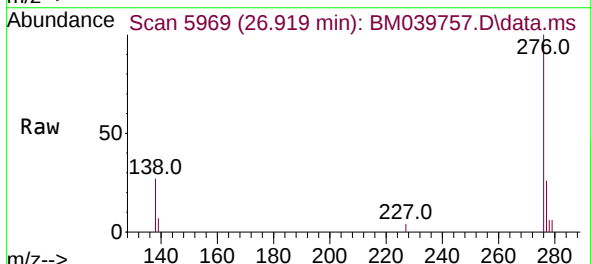
Tgt Ion:278 Resp: 5249
Ion Ratio Lower Upper
278 100
139 42.2 17.0 25.6
279 45.3 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.522 ng/ul
RT: 26.919 min Scan# 5969
Delta R.T. -0.002 min
Lab File: BM039757.D
Acq: 29 Apr 2023 04:19



Tgt Ion:276 Resp: 20240
Ion Ratio Lower Upper
276 100
138 27.1 20.1 30.1
277 26.4 20.1 30.1

