

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039789.D
 Acq On : 01 May 2023 22:14
 Operator : CG/JU
 Sample : 02418-28DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW902DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 01:27:54 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	3716	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.595	136	13854	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	8079	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	17395	0.400	ng/ul	0.00
17) Chrysene-d12	21.405	240	7400	0.400	ng/ul	# 0.00
23) Perylene-d12	23.758	264	11026	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2466	0.450	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	946	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	1750	0.088	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.645	128	14704	0.423	ng/ul	99
7) 2-Methylnaphthalene	12.272	142	6921	0.345	ng/ul	97
8) 1-Methylnaphthalene	12.487	142	7323	0.340	ng/ul	100
10) Acenaphthylene	14.173	152	125550	4.015	ng/ul	98
11) Acenaphthene	14.511	153	32845	1.337	ng/ul	98
12) Fluorene	15.505	166	50117	1.839	ng/ul	98
14) Pentachlorophenol	16.879	266	134	0.035	ng/ul	95
15) Phenanthrene	17.246	178	1029419	22.463	ng/ul	98
16) Anthracene	17.339	178	286918	7.291	ng/ul	97
19) Fluoranthene	19.276	202	3612277	136.827	ng/ul	98
20) Pyrene	19.638	202	2923772	102.554	ng/ul	97
21) Benzo(a)anthracene	21.388	228	1466844	68.943	ng/ul	98
22) Chrysene	21.443	228	1477758	61.375	ng/ul	98
24) Benzo(b)fluoranthene	23.048	252	2084475	53.831	ng/ul	92
25) Benzo(k)fluoranthene	23.089	252	618159m	15.678	ng/ul	
26) Benzo(a)pyrene	23.659	252	1264903	36.383	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.204	276	1013639	23.058	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.208	278	250744	7.349	ng/ul	95
29) Benzo(g,h,i)perylene	26.955	276	863818	22.551	ng/ul	97

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

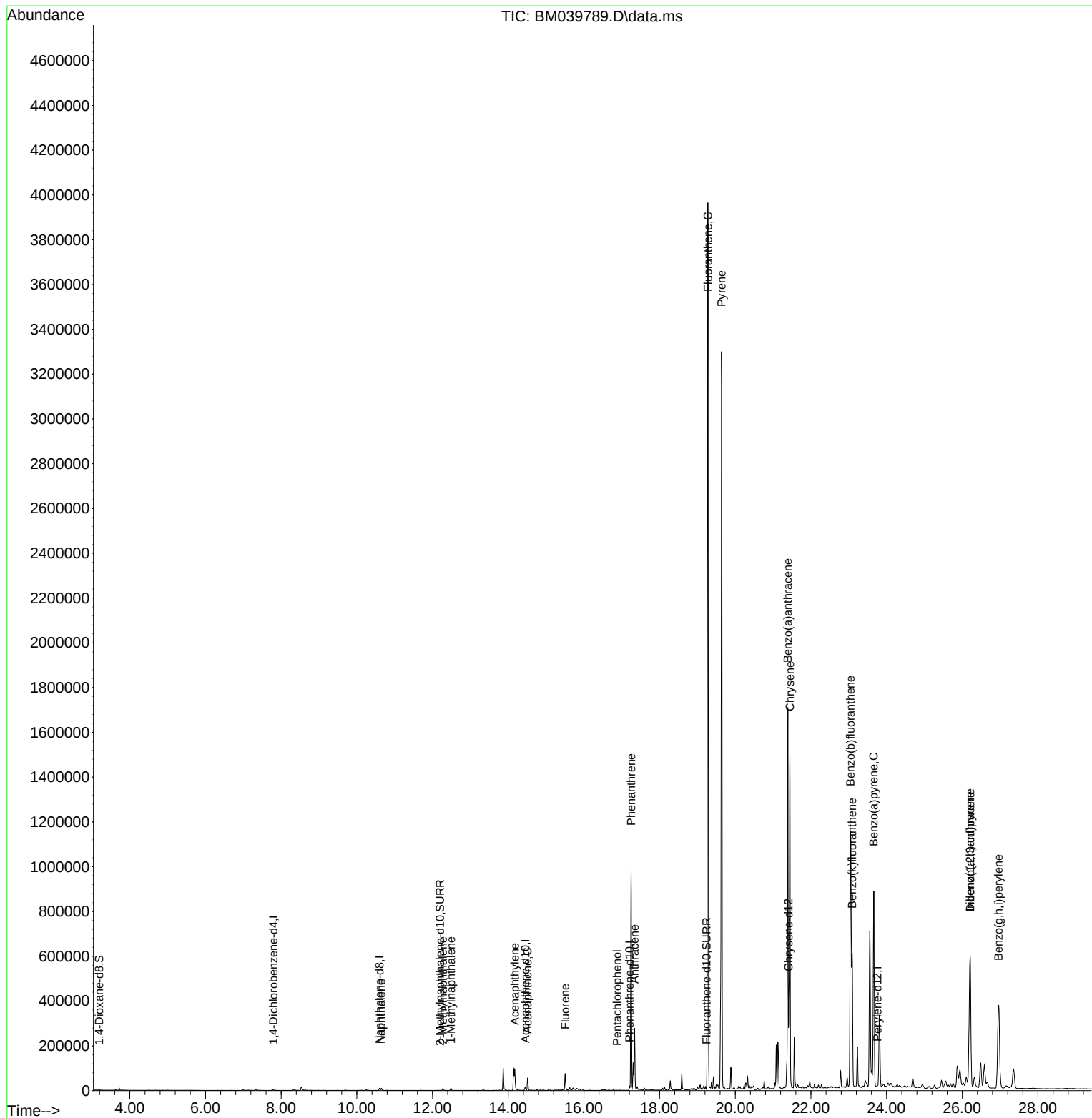
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039789.D
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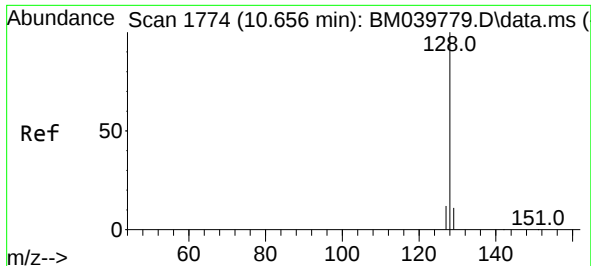
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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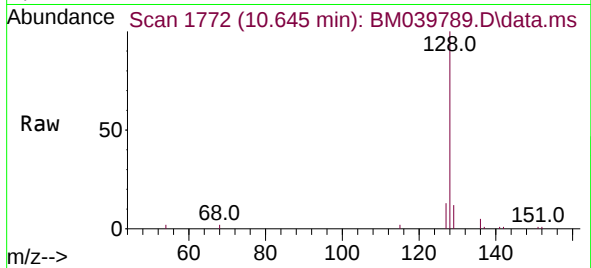
Reviewed By : Christian Giraldo 05/02/2023
Supervised By : Jagrut Upadhyay 05/02/2023





#5
Naphthalene
Concen: 0.423 ng/ul
RT: 10.645 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14

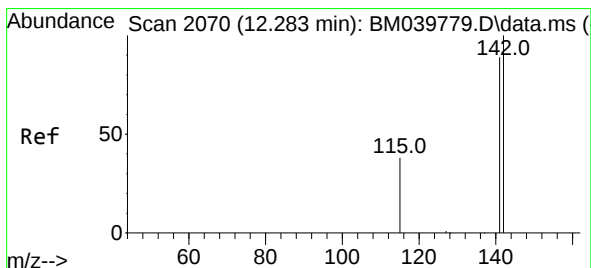
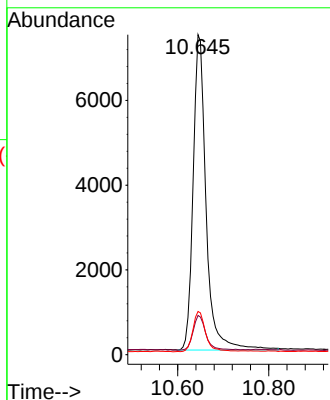
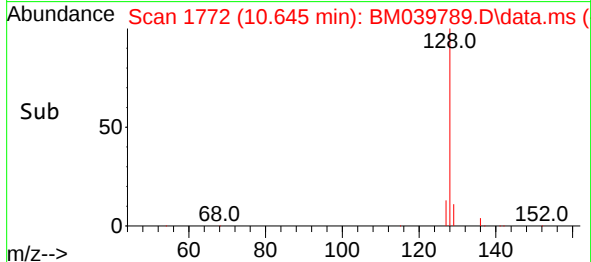
Instrument :
BNA_M
ClientSampleId :
EW902DL



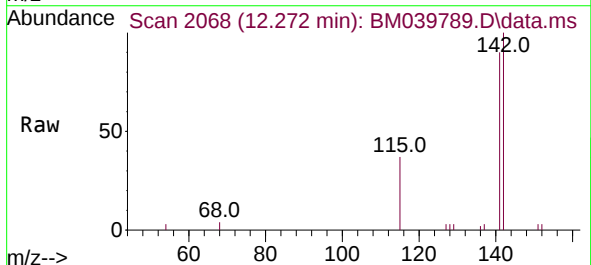
Tgt Ion:128 Resp: 14704
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 13.5 11.1 16.7

Manual Integrations
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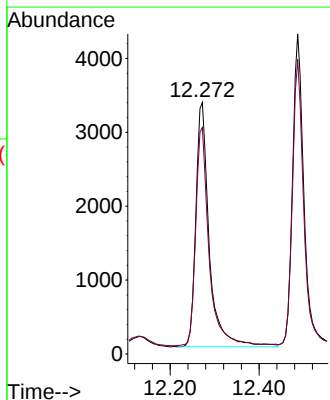
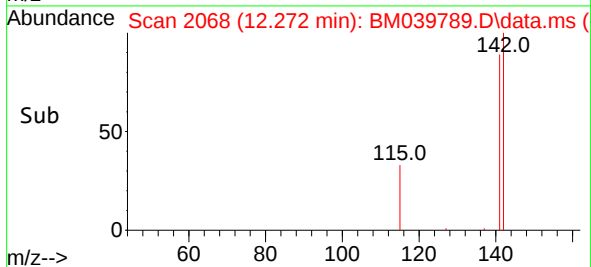
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

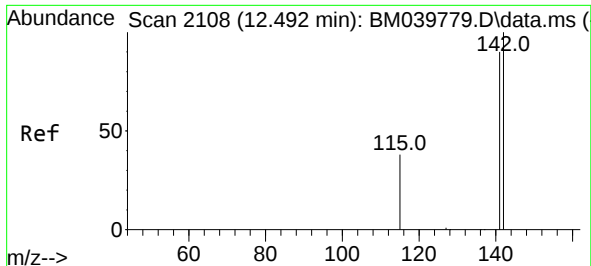


#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. -0.005 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14



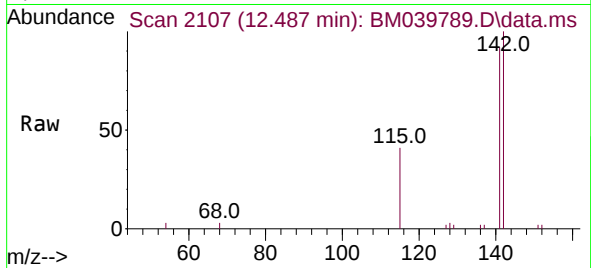
Tgt Ion:142 Resp: 6921
Ion Ratio Lower Upper
142 100
141 88.4 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.487 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14

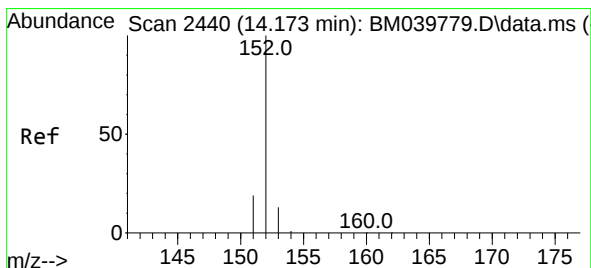
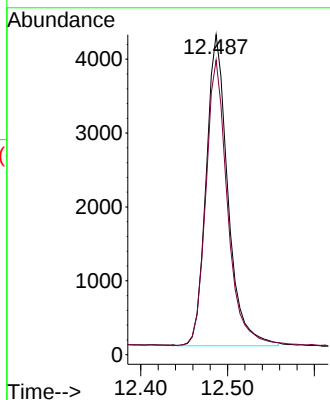
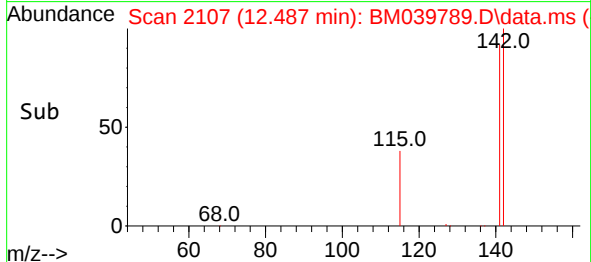
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 732
Ion Ratio Lower Upper
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141 91.5 73.4 110.2

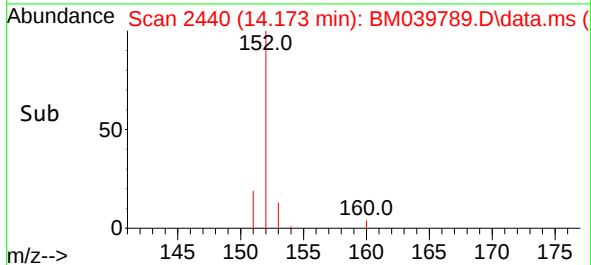
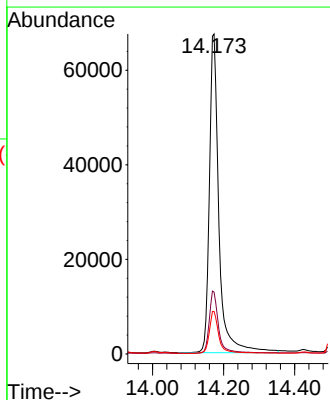
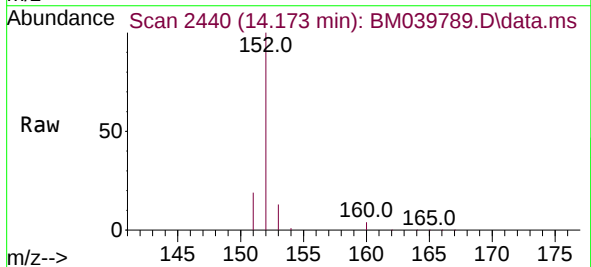
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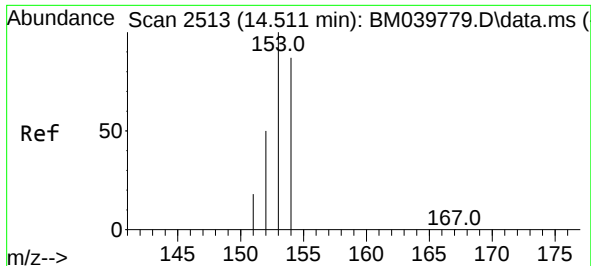
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#10
Acenaphthylene
Concen: 4.015 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14

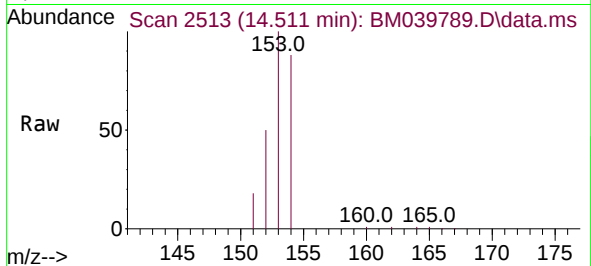
Tgt Ion:152 Resp: 125550
Ion Ratio Lower Upper
152 100
151 19.3 16.0 24.0
153 13.3 11.2 16.8





#11
Acenaphthene
Concen: 1.337 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14

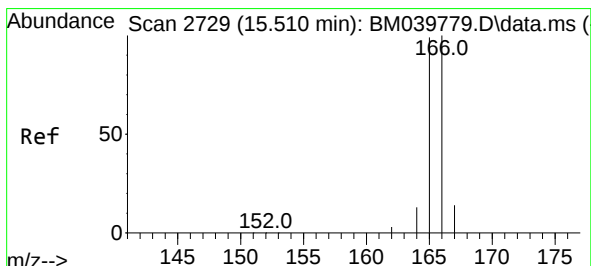
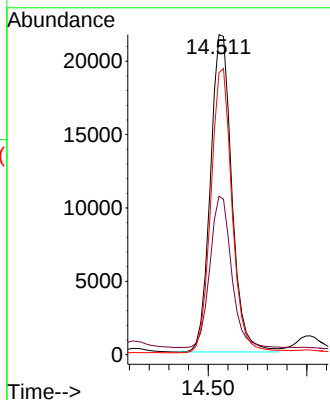
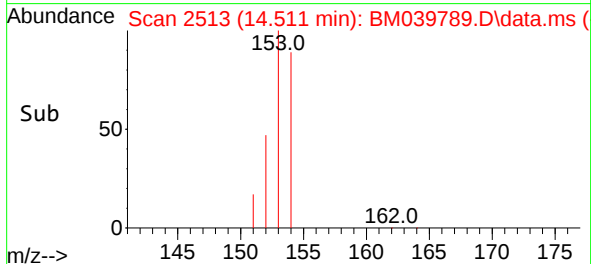
Instrument :
BNA_M
ClientSampleId :
EW902DL



Tgt Ion:153 Resp: 3284
Ion Ratio Lower Upper
153 100
152 49.5 40.6 61.0
154 88.1 71.9 107.9

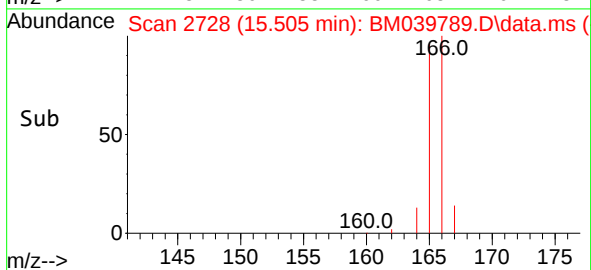
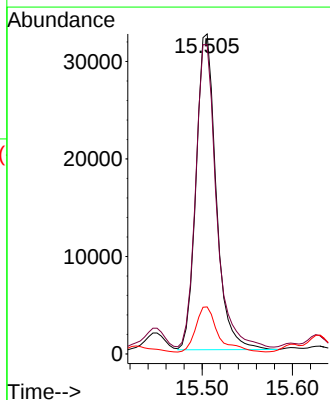
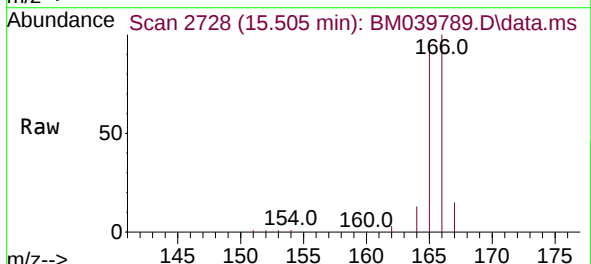
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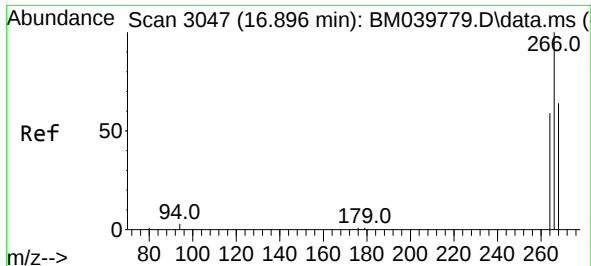
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#12
Fluorene
Concen: 1.839 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.004 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14

Tgt Ion:166 Resp: 50117
Ion Ratio Lower Upper
166 100
165 96.7 79.0 118.6
167 14.7 11.8 17.6





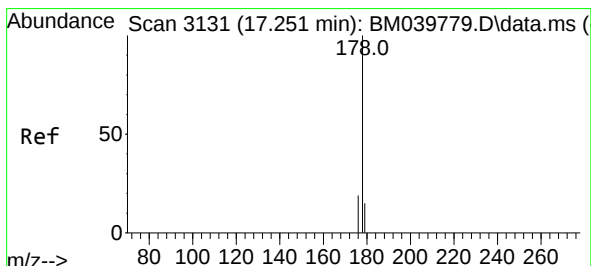
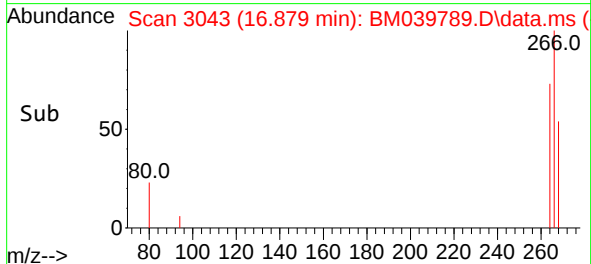
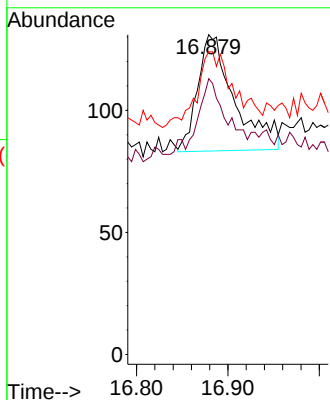
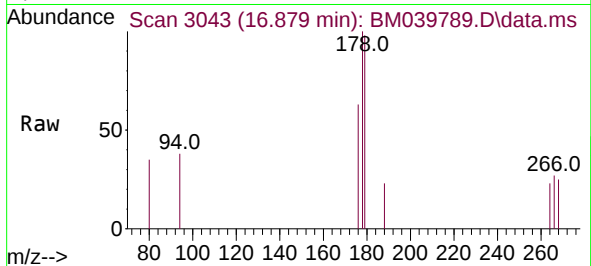
#14
Pentachlorophenol
Concen: 0.035 ng/u1
RT: 16.879 min Scan# 3047
Delta R.T. -0.008 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14

Instrument :
BNA_M
ClientSampleId :
EW902DL

Tgt Ion:266 Resp: 134
Ion Ratio Lower Upper
266 100
264 64.2 48.8 73.2
268 67.2 50.4 75.6

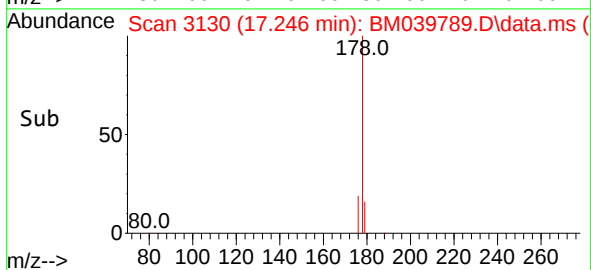
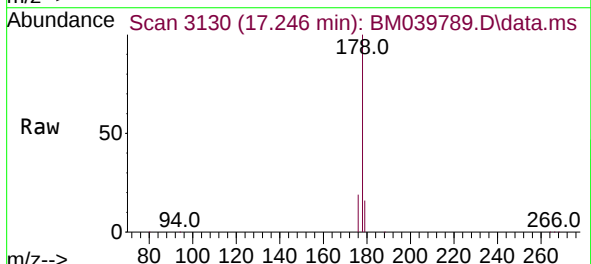
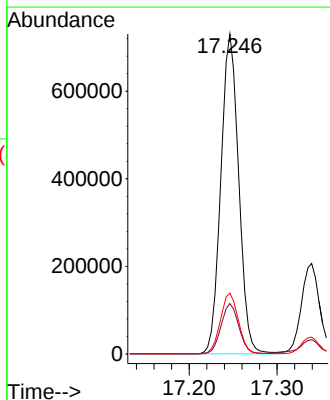
Manual Integrations
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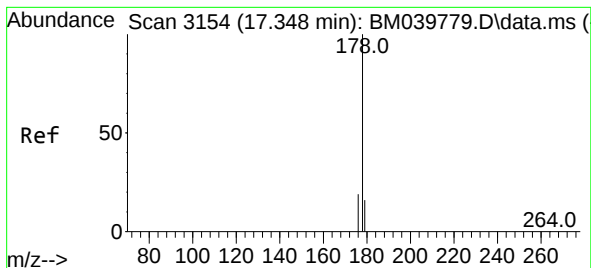
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#15
Phenanthrene
Concen: 22.463 ng/u1
RT: 17.246 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14

Tgt Ion:178 Resp: 1029419
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.0 15.8 23.8





#16

Anthracene

Concen: 7.291 ng/ul

RT: 17.339 min Scan# 3154

Delta R.T. -0.004 min

Lab File: BM039789.D

Acq: 01 May 2023 22:14

Instrument :

BNA_M

ClientSampleId :

EW902DL

Tgt Ion:178 Resp: 286918

Ion Ratio Lower Upper

178 100

179 15.7 13.8 20.6

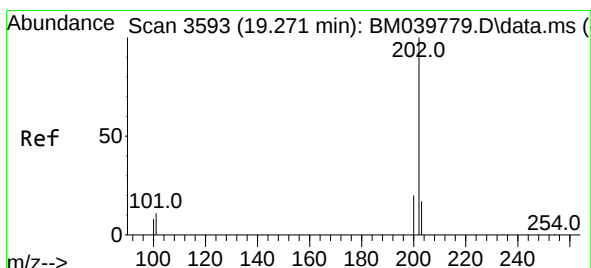
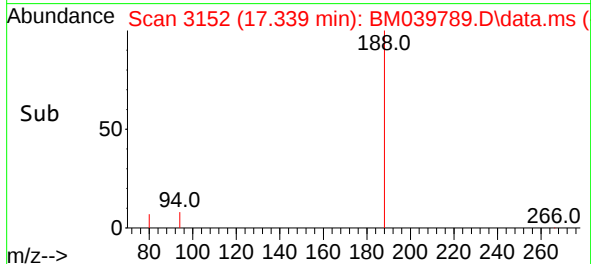
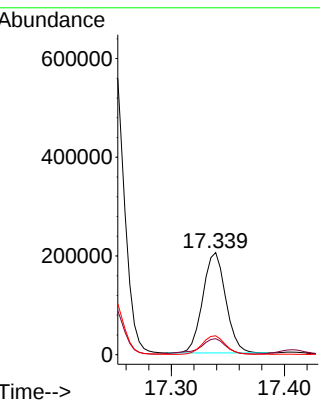
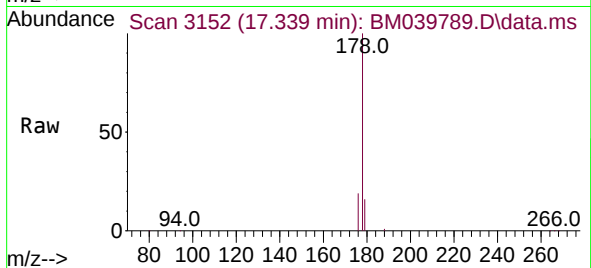
176 18.5 15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#19

Fluoranthene

Concen: 136.827 ng/ul

RT: 19.276 min Scan# 3594

Delta R.T. 0.009 min

Lab File: BM039789.D

Acq: 01 May 2023 22:14

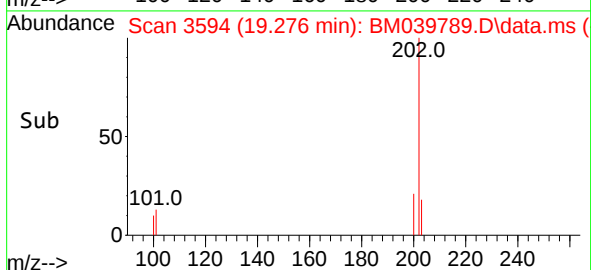
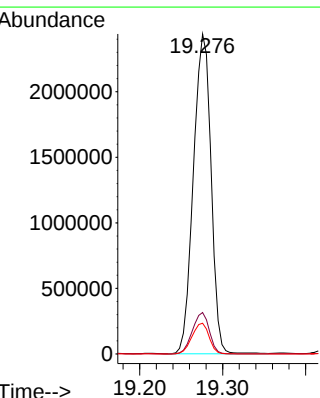
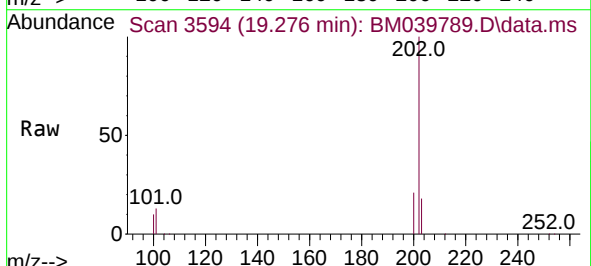
Tgt Ion:202 Resp: 3612277

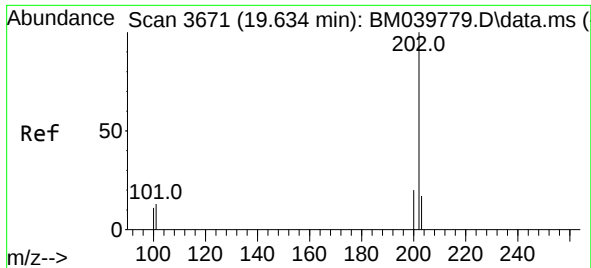
Ion Ratio Lower Upper

202 100

101 13.0 9.8 14.8

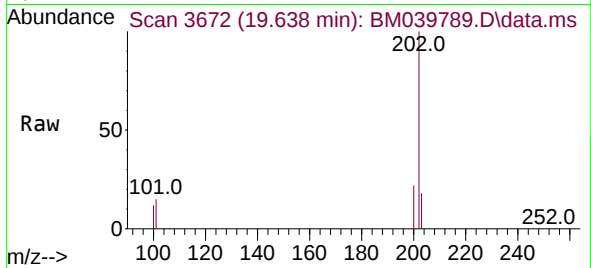
100 9.6 7.3 10.9





#20
Pyrene
Concen: 102.554 ng/u1
RT: 19.638 min Scan# 3672
Delta R.T. 0.005 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14

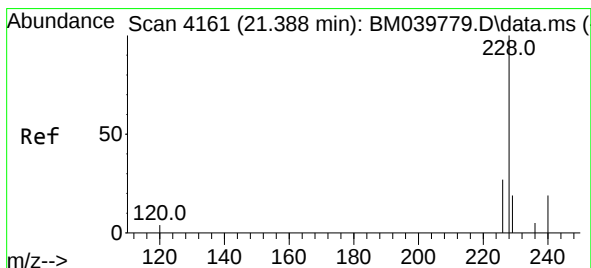
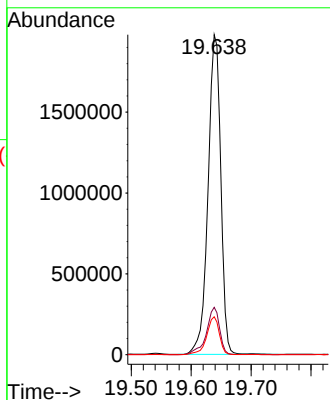
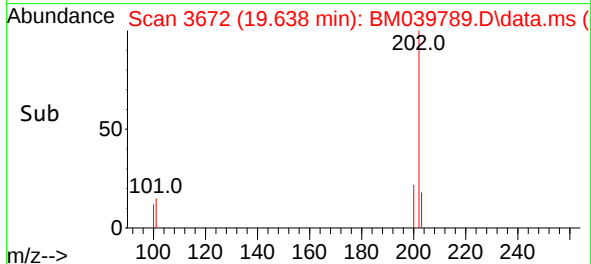
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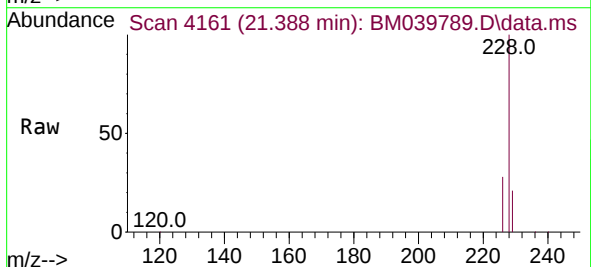
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Ion Ratio Lower Upper
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101 14.8 10.9 16.3
100 11.8 8.9 13.3

Manual Integrations
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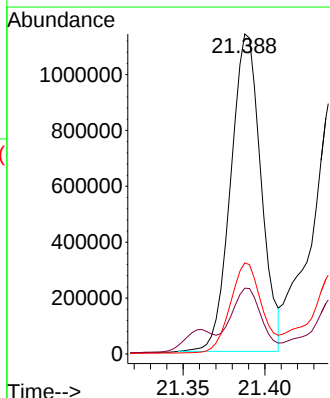
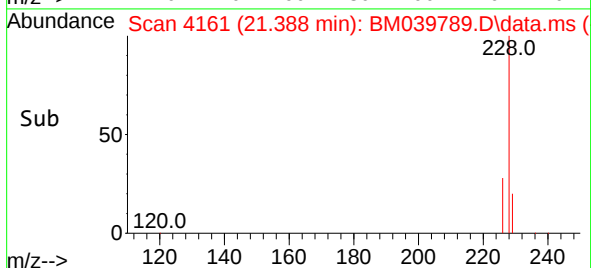
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

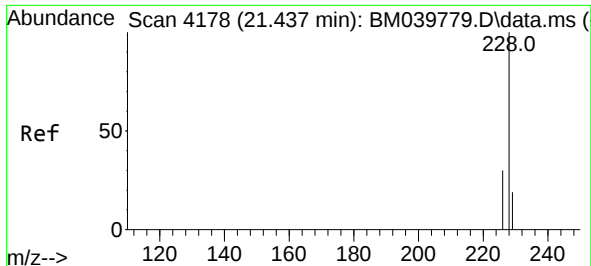


#21
Benzo(a)anthracene
Concen: 68.943 ng/u1
RT: 21.388 min Scan# 4161
Delta R.T. 0.004 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14



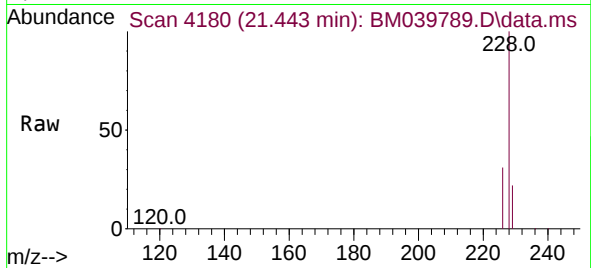
Tgt Ion:228 Resp: 1466844
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 28.4 21.6 32.4





#22
Chrysene
Concen: 61.375 ng/u1
RT: 21.443 min Scan# 4178
Delta R.T. 0.007 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14

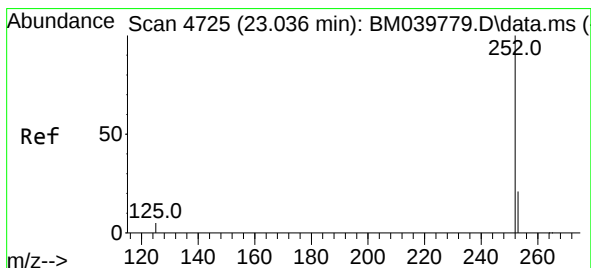
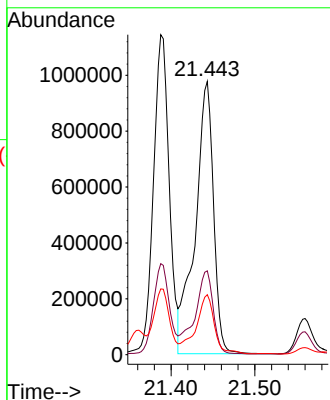
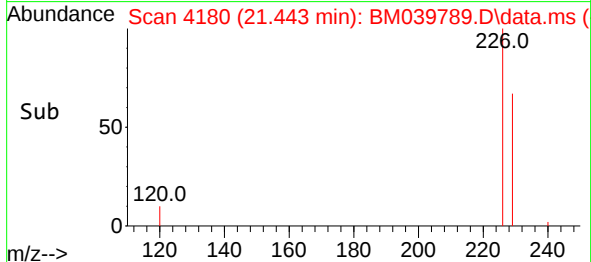
Instrument :
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ClientSampleId :
EW902DL



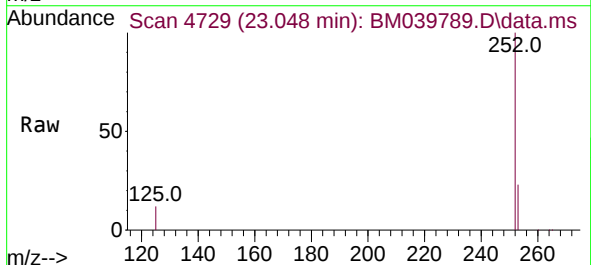
Tgt Ion:228 Resp: 1477758
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.0 15.9 23.9

Manual Integrations
APPROVED

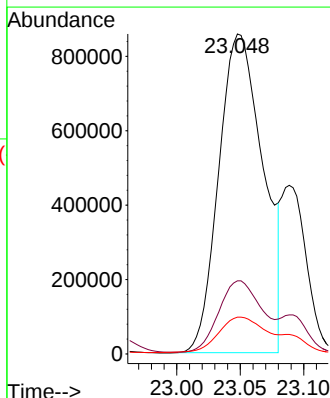
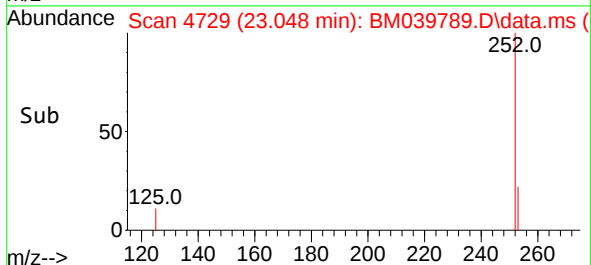
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

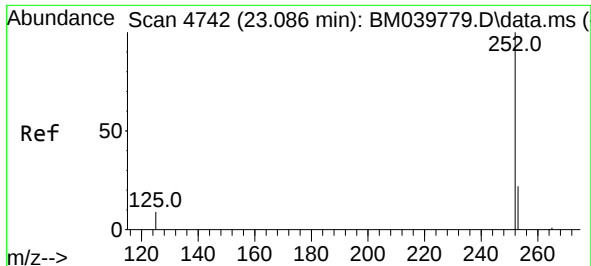


#24
Benzo(b)fluoranthene
Concen: 53.831 ng/u1
RT: 23.048 min Scan# 4729
Delta R.T. 0.016 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14



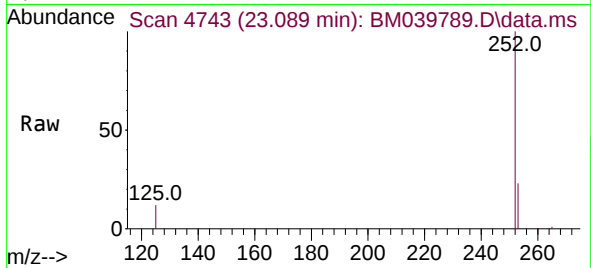
Tgt Ion:252 Resp: 2084475
Ion Ratio Lower Upper
252 100
253 22.9 0.0 52.8
125 11.5 0.0 31.6





#25
Benzo(k)fluoranthene
Concen: 15.678 ng/ul m
RT: 23.089 min Scan# 4742
Delta R.T. 0.010 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14

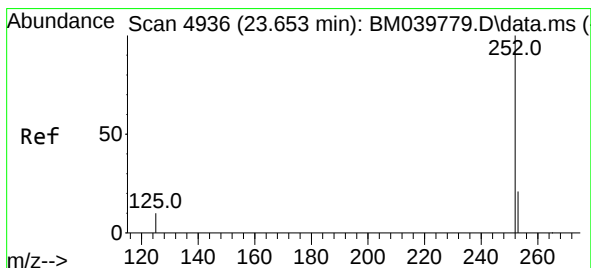
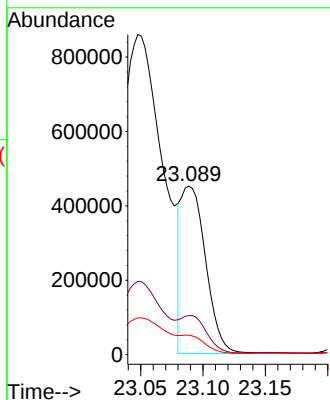
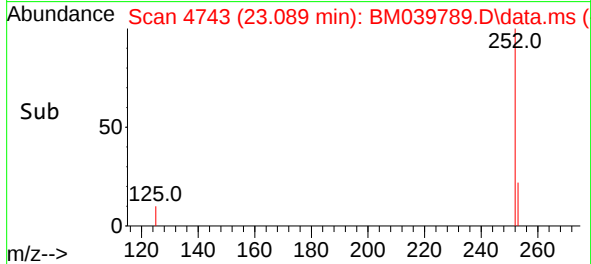
Instrument :
BNA_M
ClientSampleId :
EW902DL



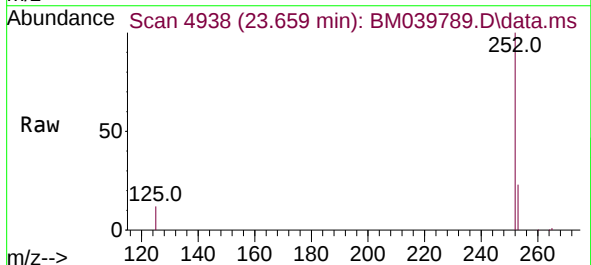
Tgt Ion:252 Resp: 618159
Ion Ratio Lower Upper
252 100
253 23.2 21.3 31.9
125 11.6 13.0 19.6

Manual Integrations
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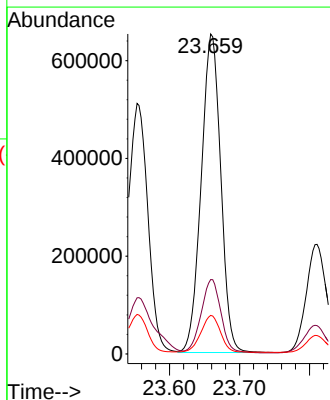
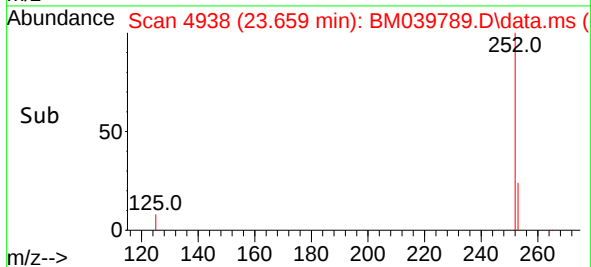
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

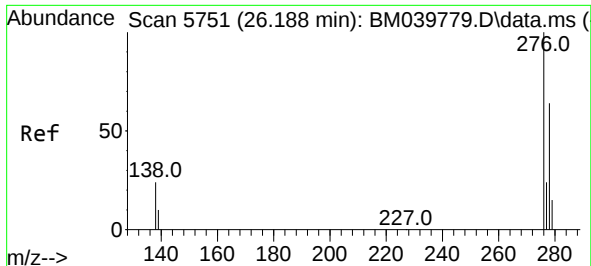


#26
Benzo(a)pyrene
Concen: 36.383 ng/ul
RT: 23.659 min Scan# 4938
Delta R.T. 0.016 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14



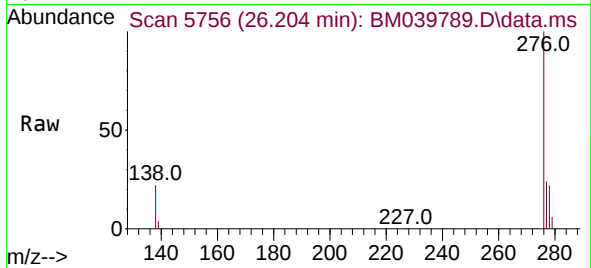
Tgt Ion:252 Resp: 1264903
Ion Ratio Lower Upper
252 100
253 23.3 24.7 37.1#
125 12.1 16.5 24.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 23.058 ng/ul
RT: 26.204 min Scan# 5756
Delta R.T. 0.025 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14

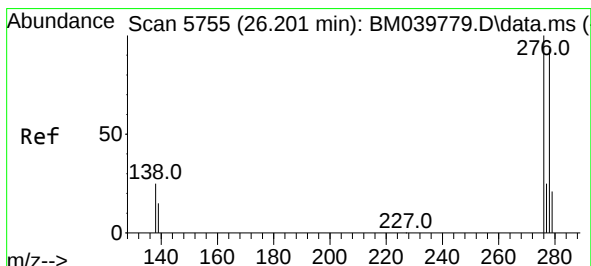
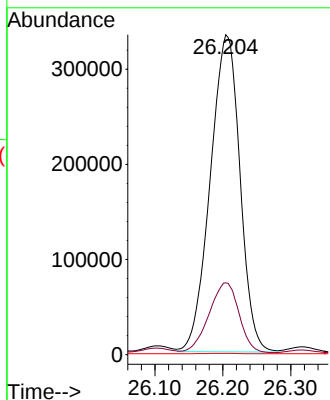
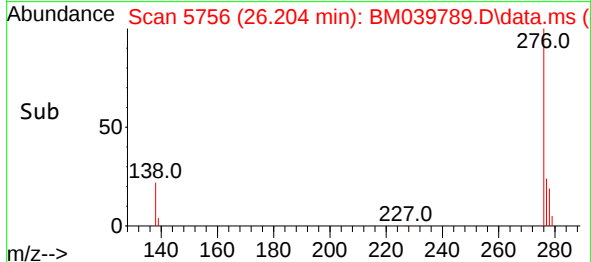
Instrument :
BNA_M
ClientSampleId :
EW902DL



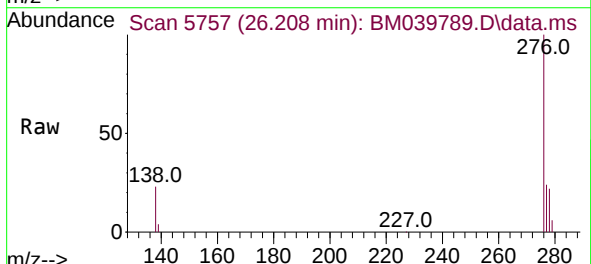
Tgt Ion:276 Resp: 1013639
Ion Ratio Lower Upper
276 100
138 22.2 21.1 31.7
227 0.2 0.1 0.1

Manual Integrations
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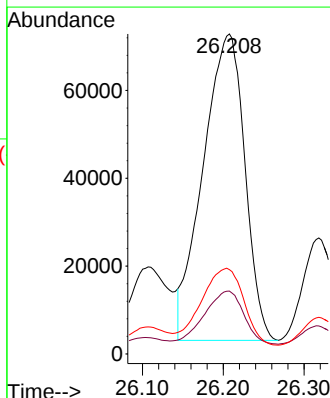
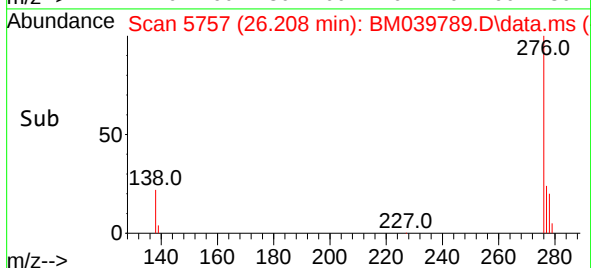
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

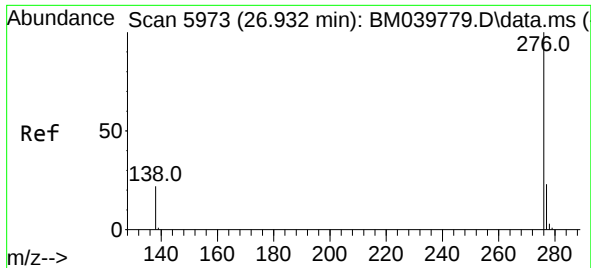


#28
Dibenzo(a,h)anthracene
Concen: 7.349 ng/ul
RT: 26.208 min Scan# 5757
Delta R.T. 0.019 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14



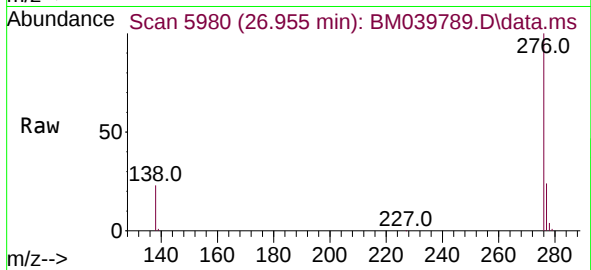
Tgt Ion:278 Resp: 250744
Ion Ratio Lower Upper
278 100
139 19.7 17.0 25.6
279 26.3 23.4 35.2





#29
Benzo(g,h,i)perylene
Concen: 22.551 ng/ul
RT: 26.955 min Scan# 5980
Delta R.T. 0.035 min
Lab File: BM039789.D
Acq: 01 May 2023 22:14

Instrument :
BNA_M
ClientSampleId :
EW902DL



Tgt Ion:276 Resp: 863818
Ion Ratio Lower Upper
276 100
138 23.0 20.1 30.1
277 24.2 20.1 30.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

