

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039718.D
 Acq On : 27 Apr 2023 22:35
 Operator : CG/JU
 Sample : 02418-07DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z3DL

Quant Time: Apr 28 02:35:27 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 : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3350	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.611	136	12403	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	7676	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	16271	0.400	ng/ul	-0.01
17) Chrysene-d12	21.398	240	13841	0.400	ng/ul	-0.01
23) Perylene-d12	23.745	264	11843	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2485	0.503	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	565	0.036	ng/ul	0.02
18) Fluoranthene-d10	19.239	212	1467	0.039	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.661	128	940	0.030	ng/ul#	65
7) 2-Methylnaphthalene	12.300	142	376	0.021	ng/ul	96
10) Acenaphthylene	14.173	152	1017	0.034	ng/ul#	72
11) Acenaphthene	14.515	153	1592	0.068	ng/ul	95
12) Fluorene	15.505	166	1579	0.061	ng/ul#	95
15) Phenanthrene	17.246	178	29072	0.678	ng/ul	99
16) Anthracene	17.339	178	6155	0.167	ng/ul#	93
19) Fluoranthene	19.266	202	56454	1.143	ng/ul	99
20) Pyrene	19.629	202	51683	0.969	ng/ul	100
21) Benzo(a)anthracene	21.383	228	25397	0.638	ng/ul	98
22) Chrysene	21.436	228	22189	0.493	ng/ul	98
24) Benzo(b)fluoranthene	23.032	252	29356	0.706	ng/ul	99
25) Benzo(k)fluoranthene	23.073	252	11615m	0.274	ng/ul	
26) Benzo(a)pyrene	23.640	252	16868	0.452	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.176	276	11363	0.241	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.179	278	2617	0.071	ng/ul#	60
29) Benzo(g,h,i)perylene	26.934	276	1794	0.044	ng/ul#	61

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

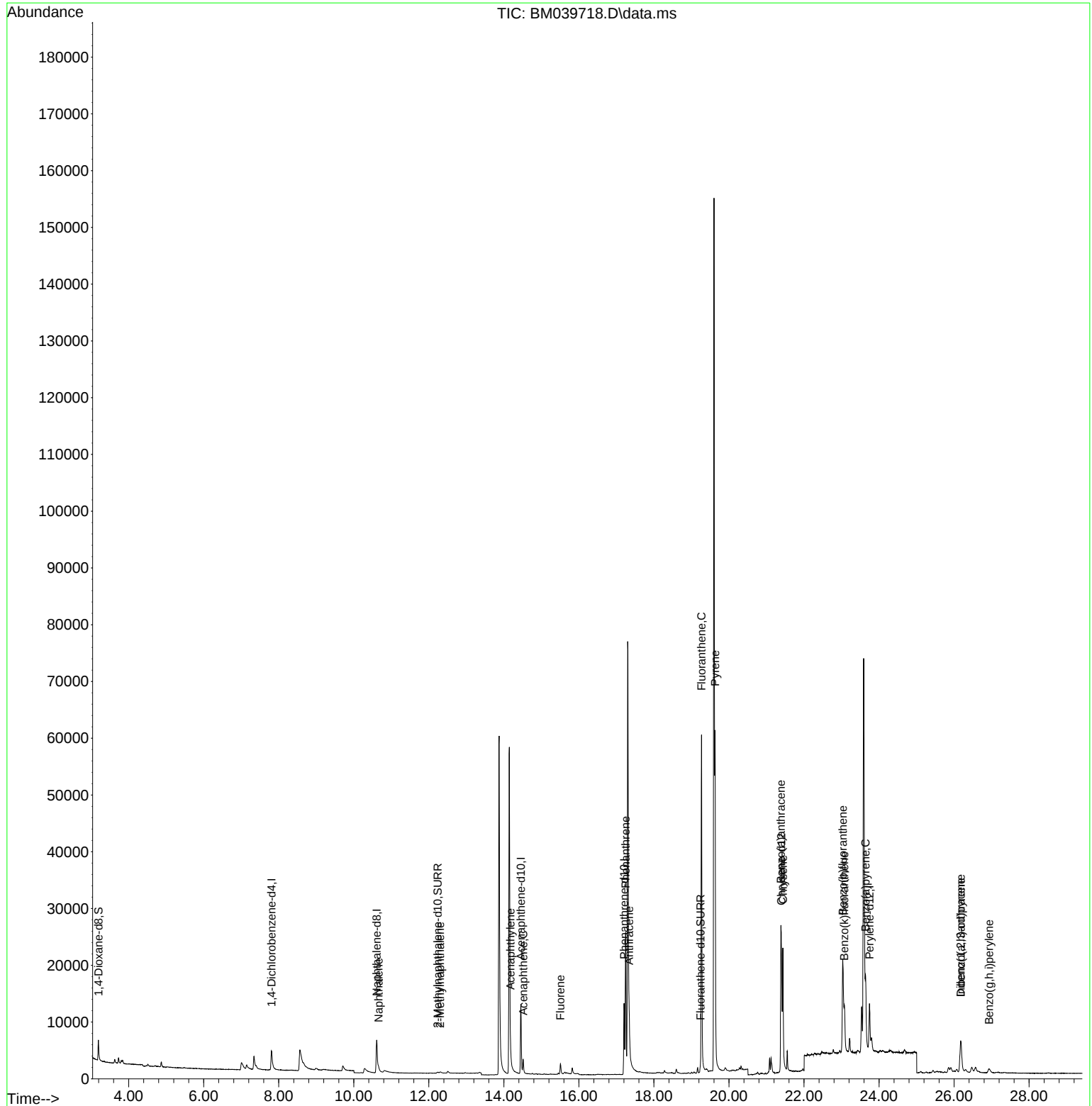
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039718.D
Acq On : 27 Apr 2023 22:35
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Misc :
ALS Vial : 20 Sample Multiplier: 1

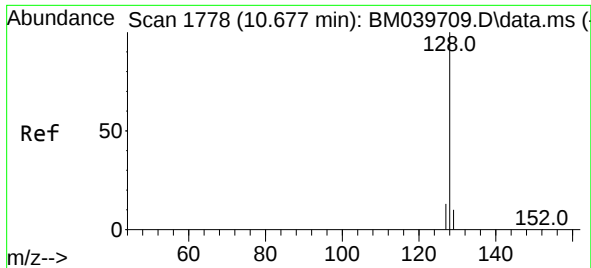
Instrument :
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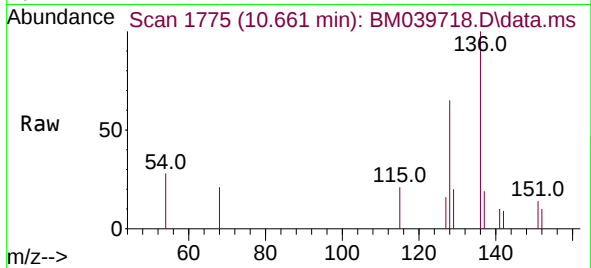
Quant Time: Apr 28 02:35:27 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
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#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.661 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BM039718.D
Acq: 27 Apr 2023 22:35

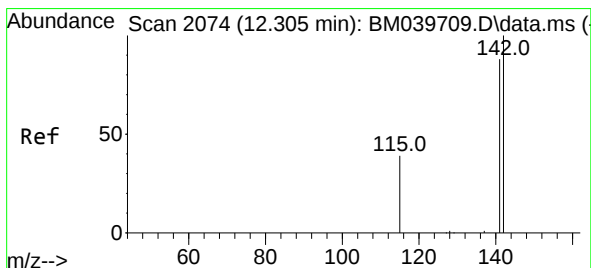
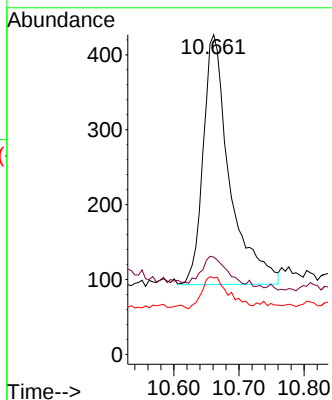
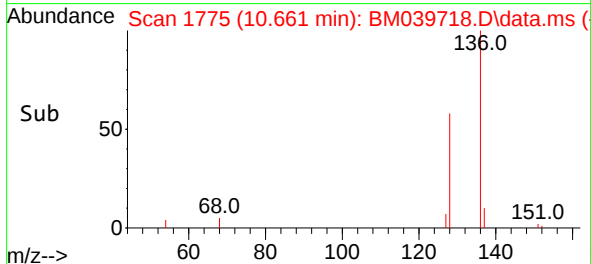
Instrument :
BNA_M
ClientSampleId :
EW8Z3DL



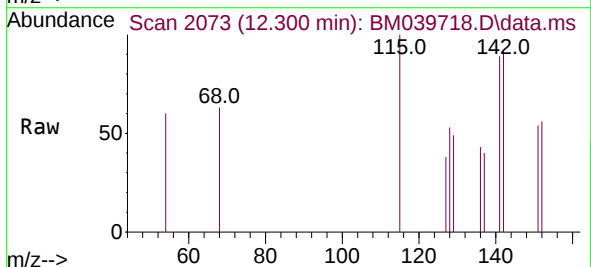
Tgt Ion:128 Resp: 940
Ion Ratio Lower Upper
128 100
129 30.4 9.8 14.6
127 23.9 11.1 16.7

Manual Integrations
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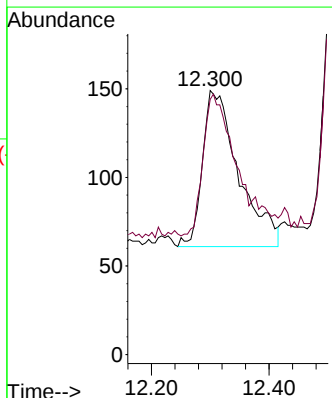
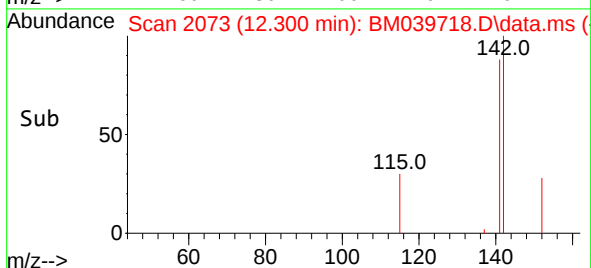
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

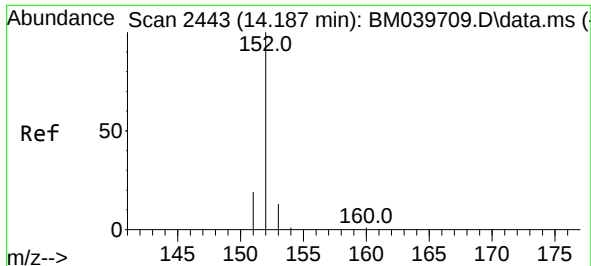


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.300 min Scan# 2073
Delta R.T. 0.011 min
Lab File: BM039718.D
Acq: 27 Apr 2023 22:35



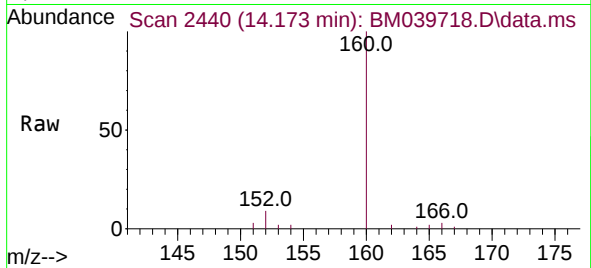
Tgt Ion:142 Resp: 376
Ion Ratio Lower Upper
142 100
141 87.2 73.2 109.8





#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.173 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BM039718.D
Acq: 27 Apr 2023 22:35

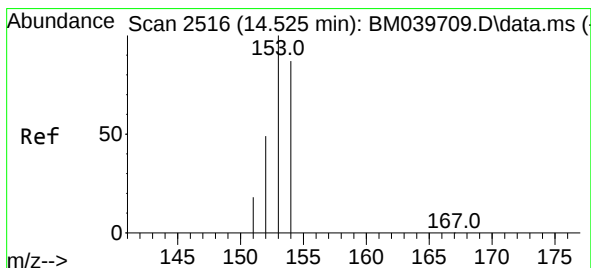
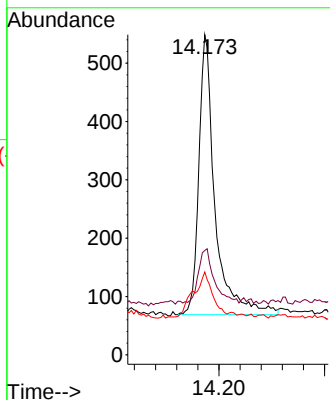
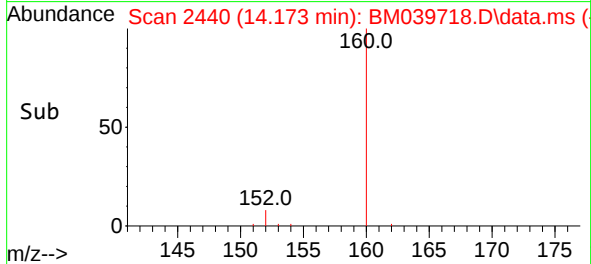
Instrument :
BNA_M
ClientSampleId :
EW8Z3DL



Tgt Ion:152 Resp: 101
Ion Ratio Lower Upper
152 100
151 32.6 16.0 24.0
153 25.9 11.2 16.8

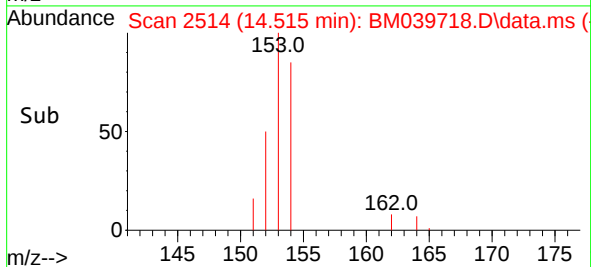
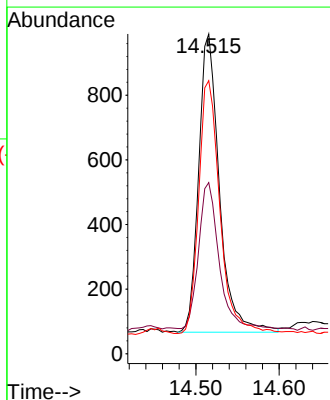
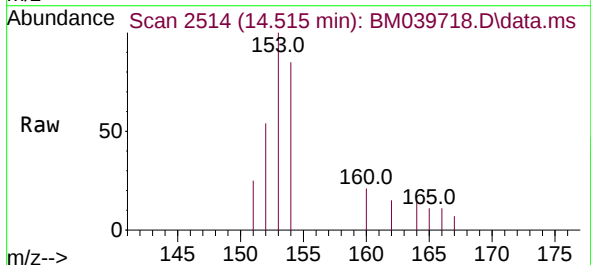
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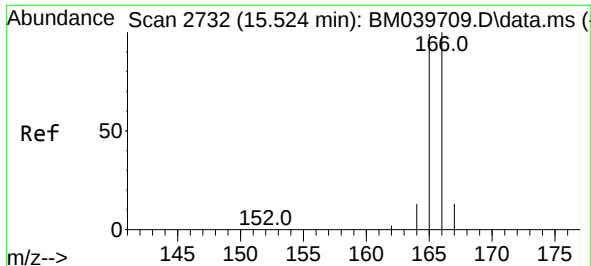
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#11
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.515 min Scan# 2514
Delta R.T. -0.005 min
Lab File: BM039718.D
Acq: 27 Apr 2023 22:35

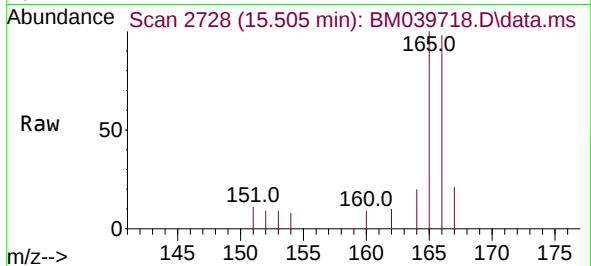
Tgt Ion:153 Resp: 1592
Ion Ratio Lower Upper
153 100
152 53.5 40.6 61.0
154 85.4 71.9 107.9





#12
Fluorene
Concen: 0.061 ng/ul
RT: 15.505 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM039718.D
Acq: 27 Apr 2023 22:35

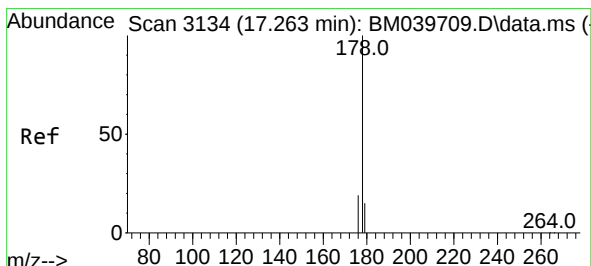
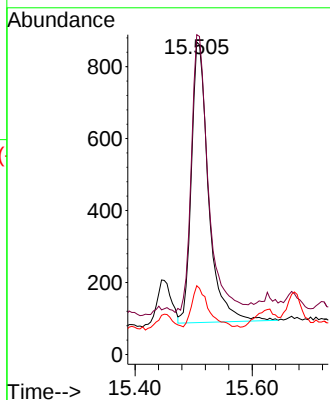
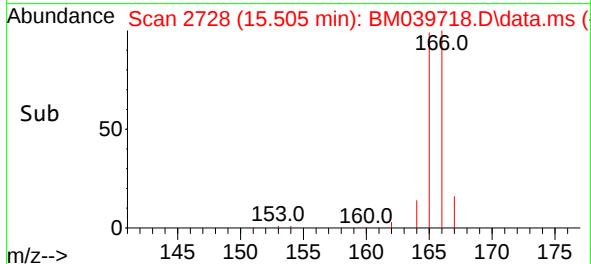
Instrument :
BNA_M
ClientSampleId :
EW8Z3DL



Tgt Ion:166 Resp: 1579
Ion Ratio Lower Upper
166 100
165 102.4 79.0 118.6
167 22.0 11.8 17.6

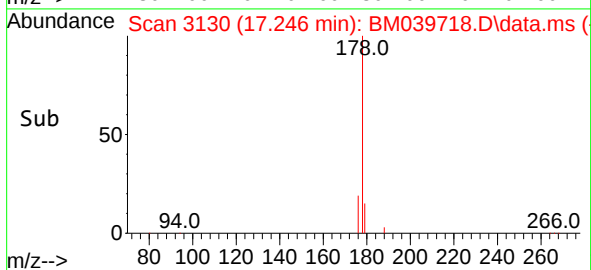
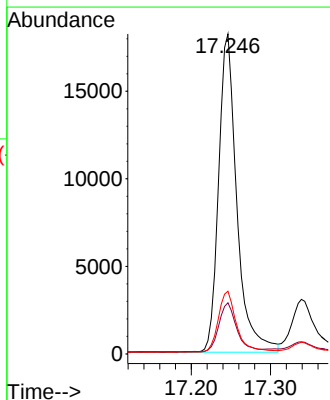
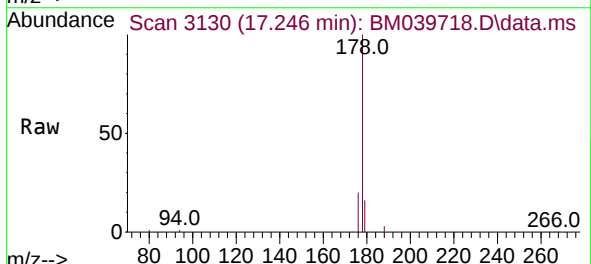
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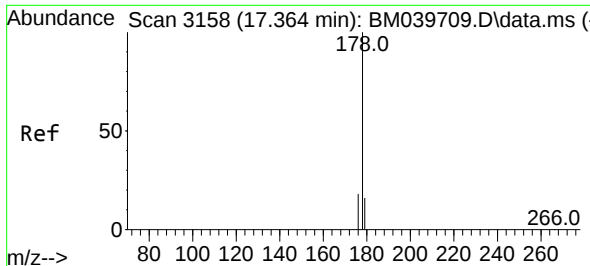
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#15
Phenanthrene
Concen: 0.678 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. -0.009 min
Lab File: BM039718.D
Acq: 27 Apr 2023 22:35

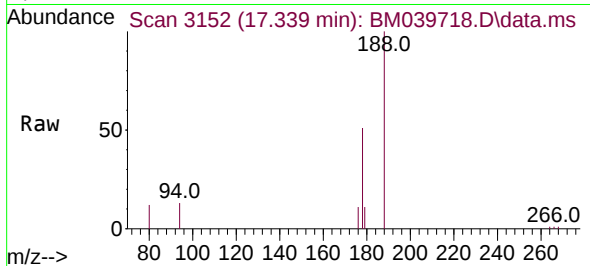
Tgt Ion:178 Resp: 29072
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.6 15.8 23.8





#16
 Anthracene
 Concen: 0.167 ng/ul
 RT: 17.339 min Scan# 3158
 Delta R.T. -0.017 min
 Lab File: BM039718.D
 Acq: 27 Apr 2023 22:35

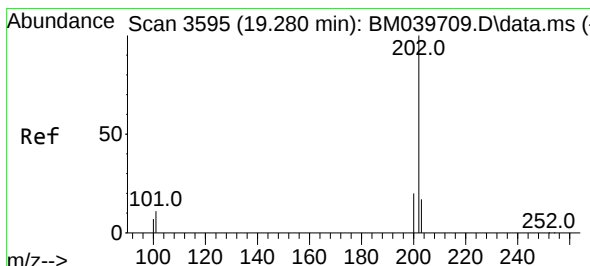
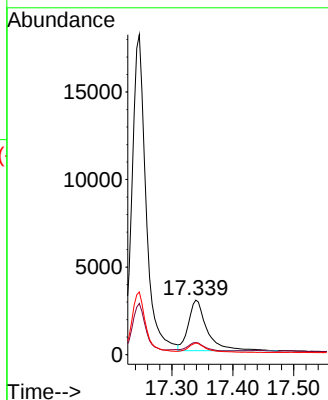
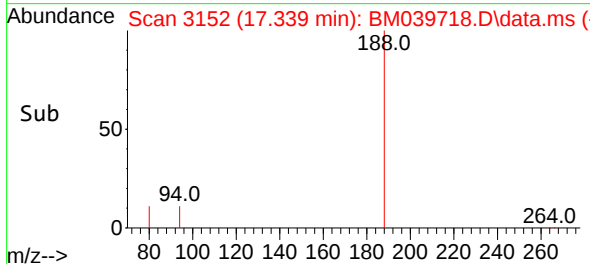
Instrument :
 BNA_M
 ClientSampleId :
 EW8Z3DL



Tgt Ion:	178	Resp:	6158
Ion Ratio	Lower	Upper	
178	100		
179	22.1	13.8	20.6
176	21.2	15.8	23.8

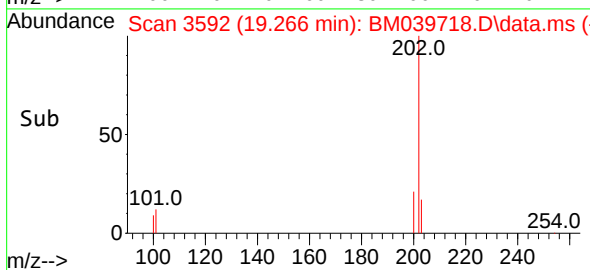
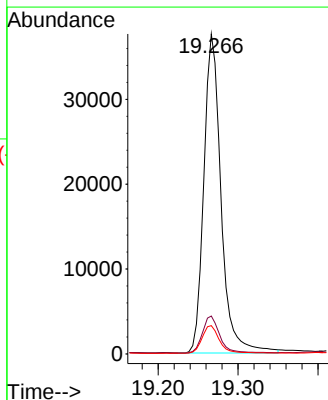
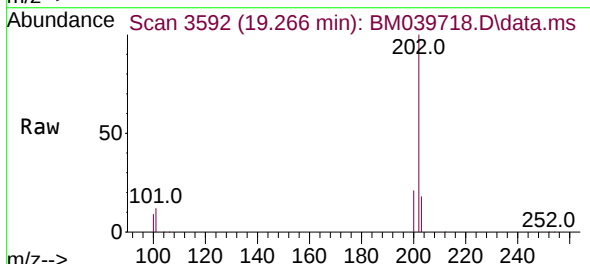
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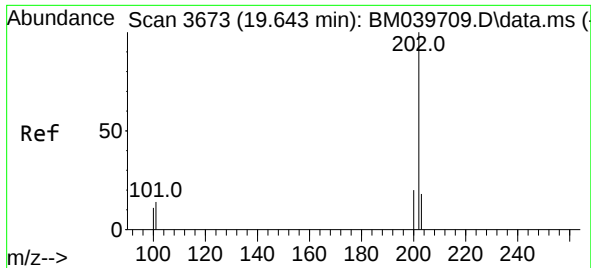
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023



#19
 Fluoranthene
 Concen: 1.143 ng/ul
 RT: 19.266 min Scan# 3592
 Delta R.T. -0.009 min
 Lab File: BM039718.D
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Tgt Ion:	202	Resp:	56454
Ion Ratio	Lower	Upper	
202	100		
101	11.8	9.8	14.8
100	8.8	7.3	10.9





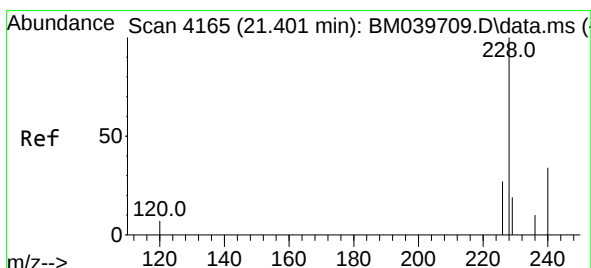
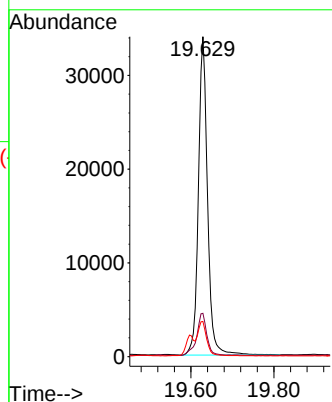
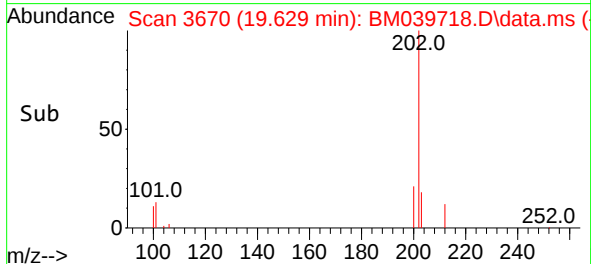
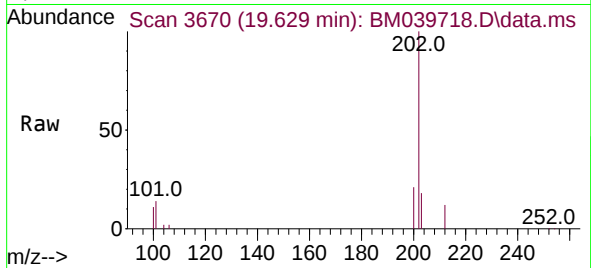
#20
Pyrene
Concen: 0.969 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039718.D
Acq: 27 Apr 2023 22:35

Instrument :
BNA_M
ClientSampleId :
EW8Z3DL

Tgt Ion:202 Resp: 51683
Ion Ratio Lower Upper
202 100
101 13.5 10.9 16.3
100 11.0 8.9 13.3

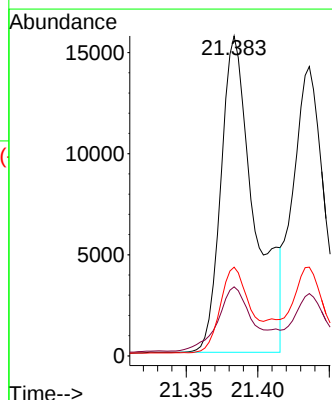
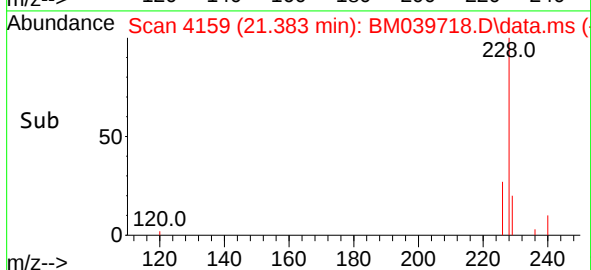
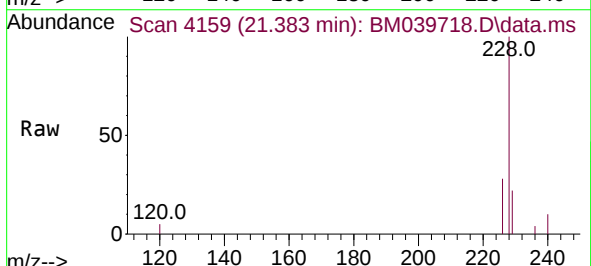
Manual Integrations
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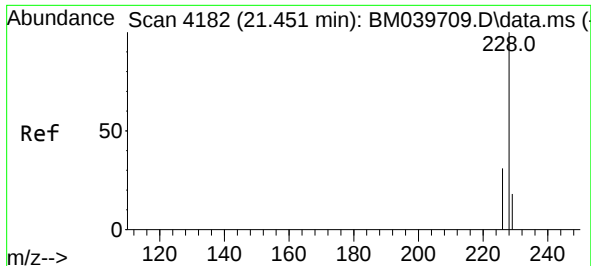
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#21
Benzo(a)anthracene
Concen: 0.638 ng/ul
RT: 21.383 min Scan# 4159
Delta R.T. -0.013 min
Lab File: BM039718.D
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Tgt Ion:228 Resp: 25397
Ion Ratio Lower Upper
228 100
229 21.6 16.2 24.2
226 27.7 21.6 32.4





#22

Chrysene

Concen: 0.493 ng/ul

RT: 21.436 min Scan# 41

Delta R.T. -0.010 min

Lab File: BM039718.D

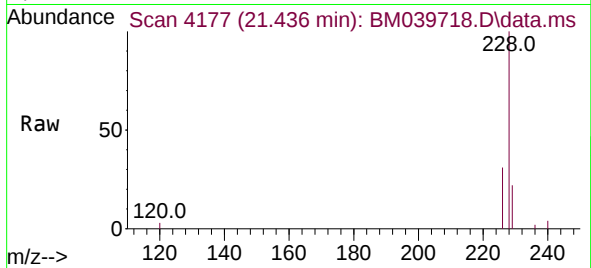
Acq: 27 Apr 2023 22:35

Instrument :

BNA_M

ClientSampleId :

EW8Z3DL

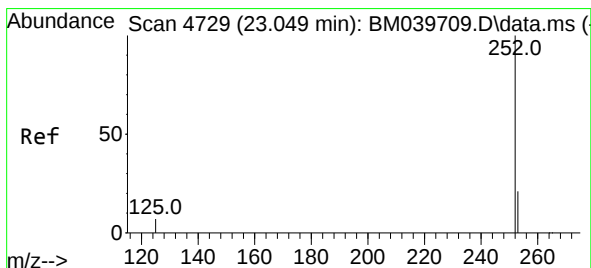
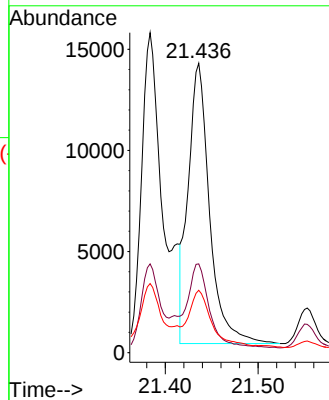
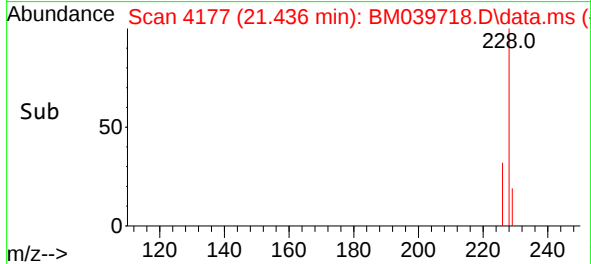


Tgt Ion:228	Resp:	22189
Ion Ratio	Lower	Upper
228	100	
226	30.6	24.3 36.5
229	21.5	15.9 23.9

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 0.706 ng/ul

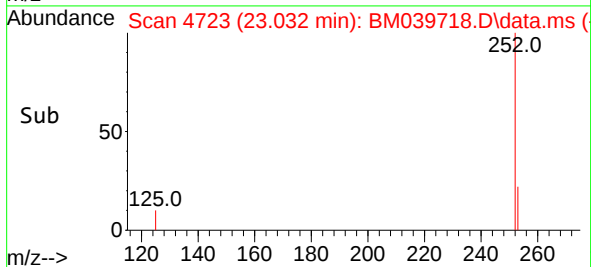
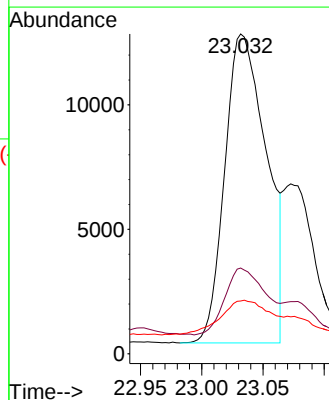
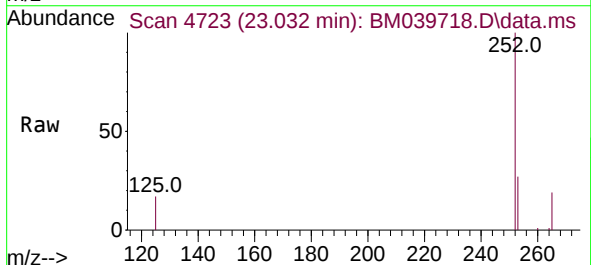
RT: 23.032 min Scan# 4723

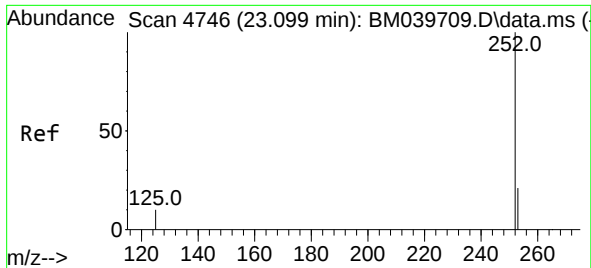
Delta R.T. -0.013 min

Lab File: BM039718.D

Acq: 27 Apr 2023 22:35

Tgt Ion:252	Resp:	29356
Ion Ratio	Lower	Upper
252	100	
253	26.8	0.0 52.8
125	16.5	0.0 31.6





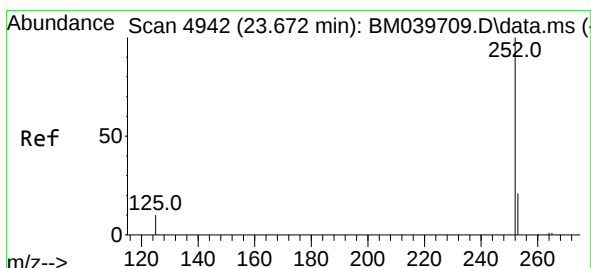
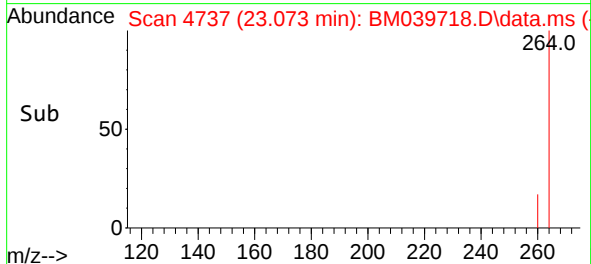
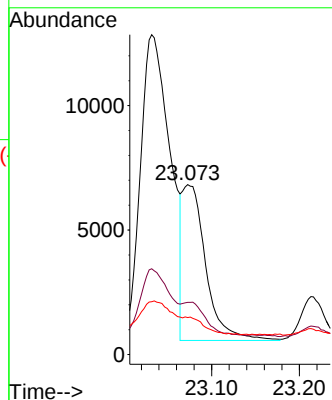
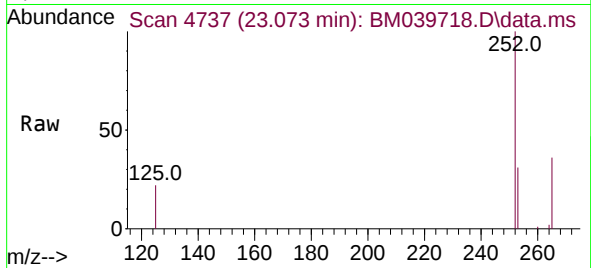
#25
Benzo(k)fluoranthene
Concen: 0.274 ng/ul m
RT: 23.073 min Scan# 4746
Delta R.T. -0.022 min
Lab File: BM039718.D
Acq: 27 Apr 2023 22:35

Instrument :
BNA_M
ClientSampleId :
EW8Z3DL

Tgt Ion:252 Resp: 11615
Ion Ratio Lower Upper
252 100
253 30.8 21.3 31.9
125 21.8 13.0 19.6

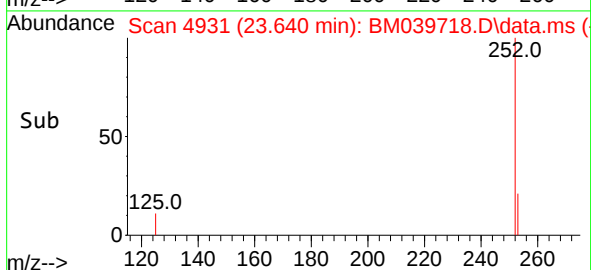
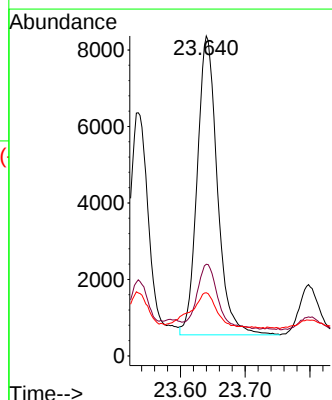
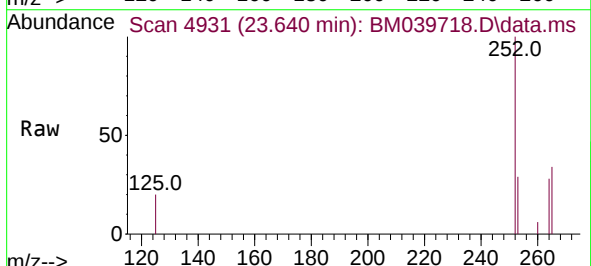
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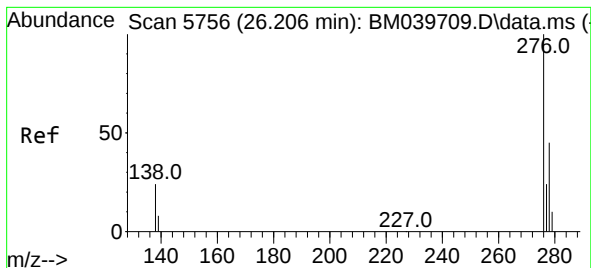
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#26
Benzo(a)pyrene
Concen: 0.452 ng/ul
RT: 23.640 min Scan# 4931
Delta R.T. -0.025 min
Lab File: BM039718.D
Acq: 27 Apr 2023 22:35

Tgt Ion:252 Resp: 16868
Ion Ratio Lower Upper
252 100
253 28.6 24.7 37.1
125 19.7 16.5 24.7





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.241 ng/ul

RT: 26.176 min Scan# 5756

Delta R.T. -0.025 min

Lab File: BM039718.D

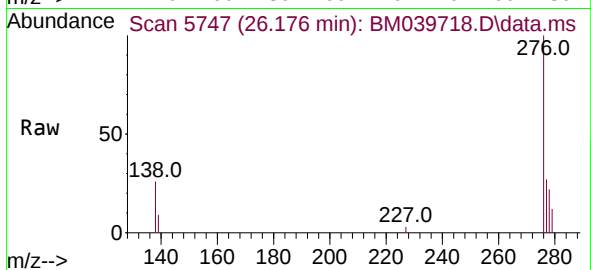
Acq: 27 Apr 2023 22:35

Instrument :

BNA_M

ClientSampleId :

EW8Z3DL



Tgt Ion:276 Resp: 1136

Ion Ratio Lower Upper

276 100

138 20.9 21.1 31.7

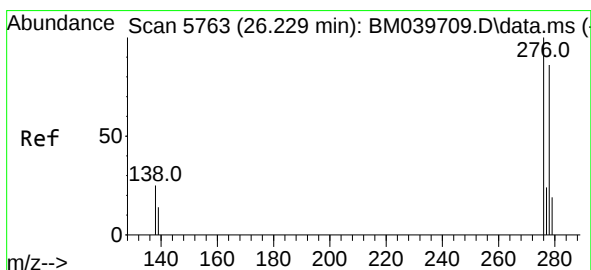
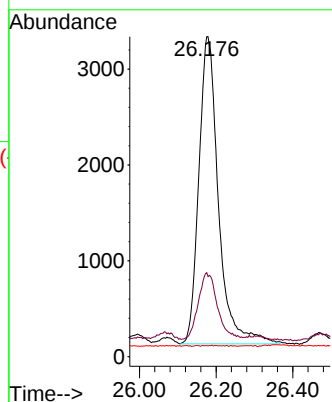
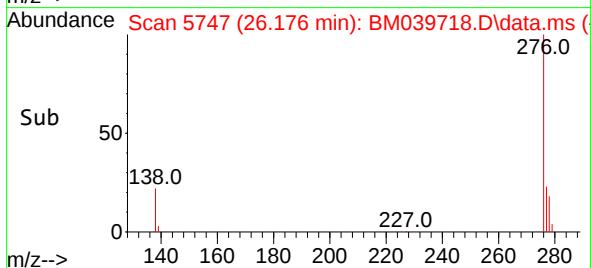
227 0.1 0.1 0.1

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.071 ng/ul

RT: 26.179 min Scan# 5748

Delta R.T. -0.039 min

Lab File: BM039718.D

Acq: 27 Apr 2023 22:35

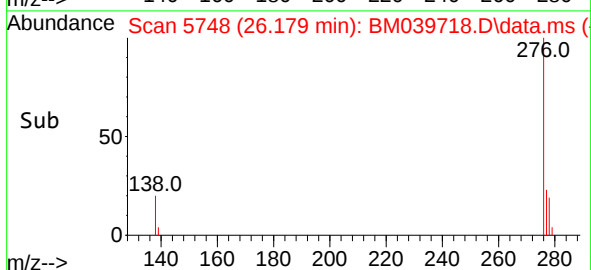
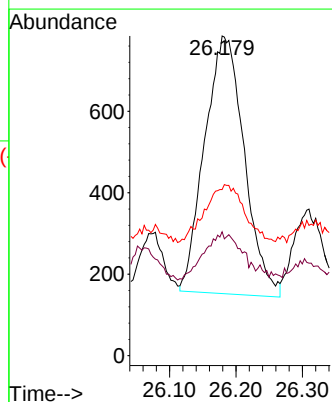
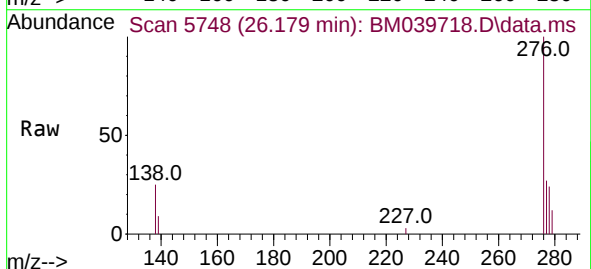
Tgt Ion:278 Resp: 2617

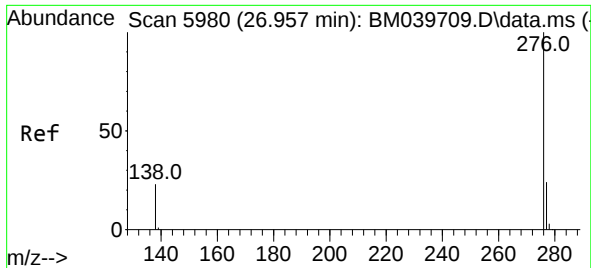
Ion Ratio Lower Upper

278 100

139 38.7 17.0 25.6#

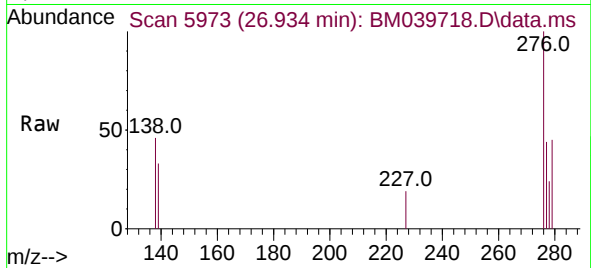
279 52.0 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.044 ng/ul
RT: 26.934 min Scan# 5980
Delta R.T. -0.015 min
Lab File: BM039718.D
Acq: 27 Apr 2023 22:35

Instrument :
BNA_M
ClientSampleId :
EW8Z3DL



Tgt Ion:276 Resp: 1794
Ion Ratio Lower Upper
276 100
138 45.6 20.1 30.1
277 43.8 20.1 30.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

