

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039717.D
 Acq On : 27 Apr 2023 21:59
 Operator : CG/JU
 Sample : 02418-23DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z7DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 02:35:17 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	3085	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.606	136	11708	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	7100	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	14931	0.400	ng/ul	-0.01
17) Chrysene-d12	21.399	240	12824	0.400	ng/ul	0.00
23) Perylene-d12	23.746	264	10815	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2062	0.454	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	505	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	1245	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.656	128	2706	0.092	ng/ul#	85
7) 2-Methylnaphthalene	12.289	142	2569	0.151	ng/ul	95
8) 1-Methylnaphthalene	12.498	142	1573	0.086	ng/ul	100
10) Acenaphthylene	14.173	152	3701	0.135	ng/ul#	88
11) Acenaphthene	14.515	153	1126	0.052	ng/ul	96
12) Fluorene	15.505	166	1492	0.062	ng/ul#	91
15) Phenanthrene	17.246	178	24449	0.622	ng/ul	99
16) Anthracene	17.339	178	6360	0.188	ng/ul#	94
19) Fluoranthene	19.267	202	64457	1.409	ng/ul	99
20) Pyrene	19.629	202	55596	1.125	ng/ul	100
21) Benzo(a)anthracene	21.382	228	35345	0.959	ng/ul	98
22) Chrysene	21.434	228	28850	0.691	ng/ul	98
24) Benzo(b)fluoranthene	23.030	252	36514	0.961	ng/ul	97
25) Benzo(k)fluoranthene	23.074	252	14652m	0.379	ng/ul	
26) Benzo(a)pyrene	23.641	252	21309	0.625	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.174	276	13693	0.318	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.181	278	3592	0.107	ng/ul#	59
29) Benzo(g,h,i)perylene	26.919	276	12292	0.327	ng/ul	94

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

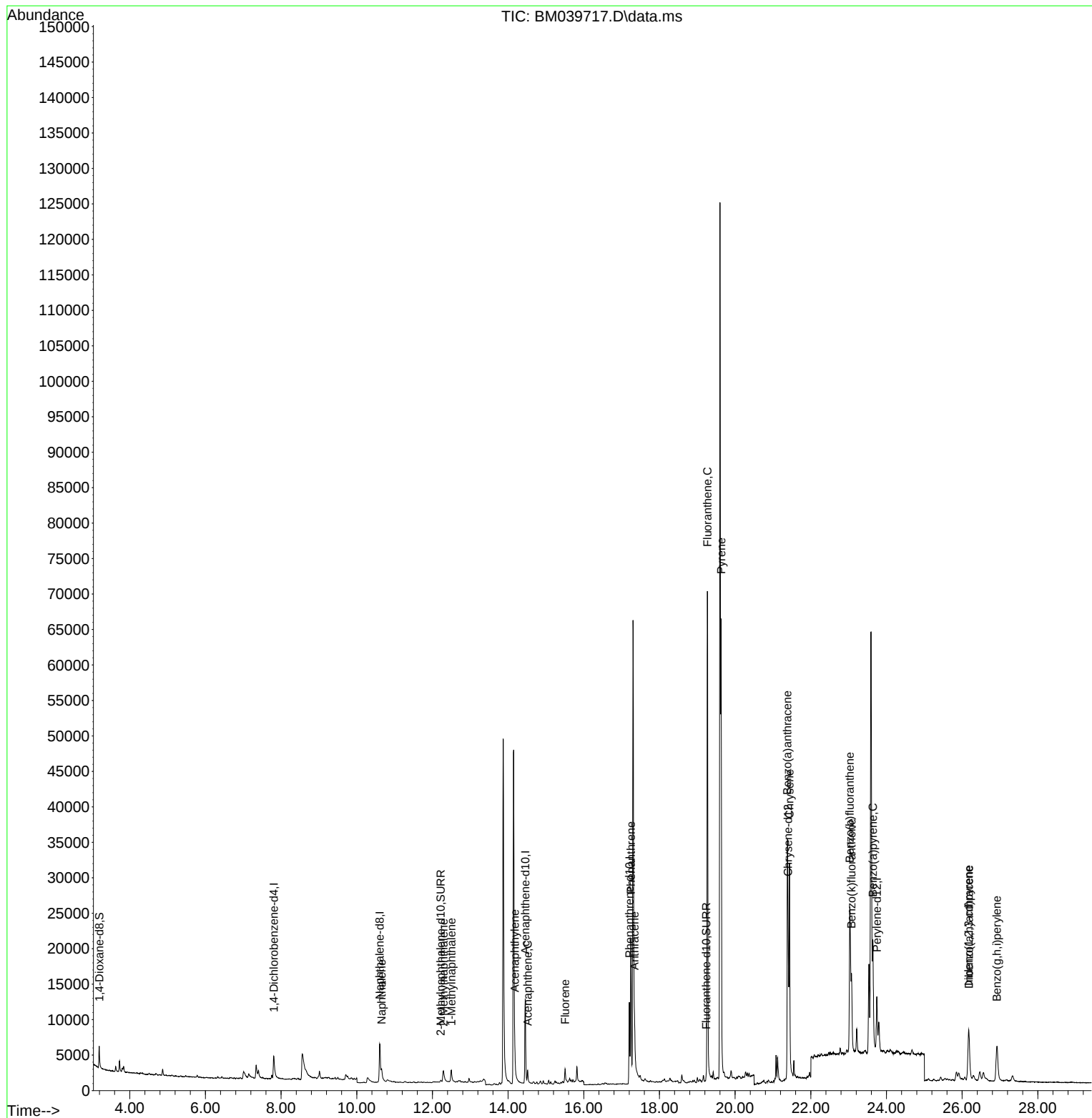
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
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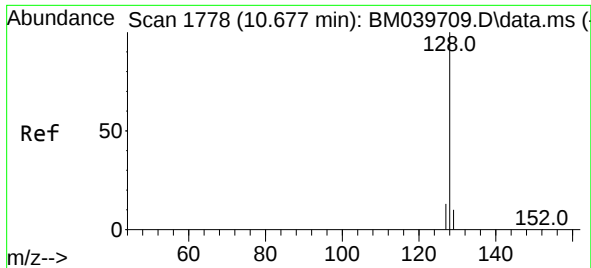
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Quant Time: Apr 28 02:35:17 2023
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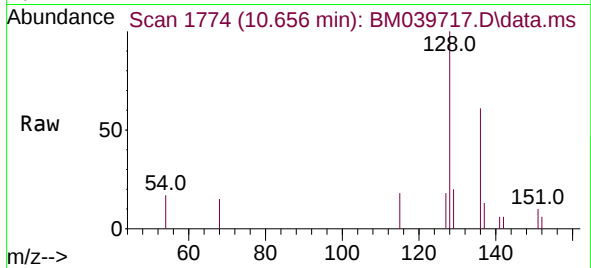
Reviewed By : Christian Giraldo 04/28/2023
Supervised By : Jagrut Upadhyay 04/28/2023





#5
Naphthalene
Concen: 0.092 ng/ul
RT: 10.656 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

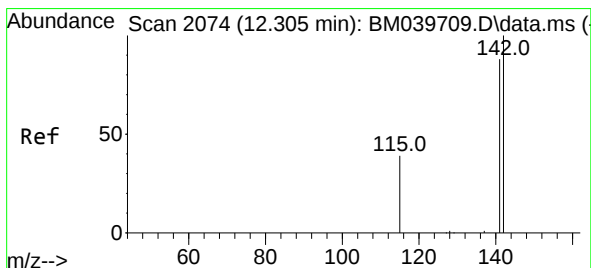
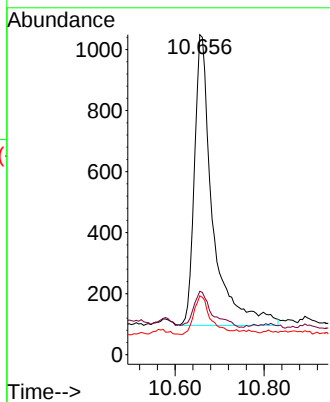
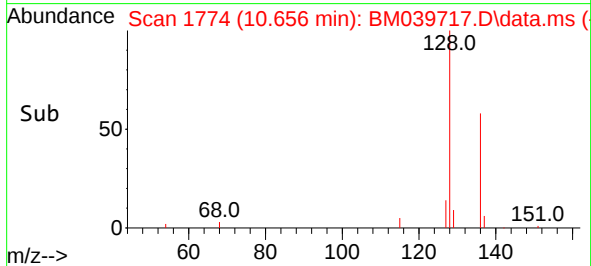
Instrument :
BNA_M
ClientSampleId :
EW8Z7DL



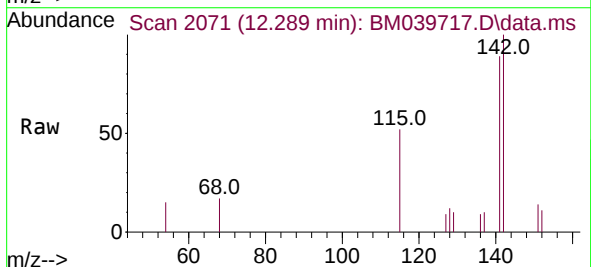
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Ion Ratio Lower Upper
128 100
129 19.8 9.8 14.6
127 18.4 11.1 16.7

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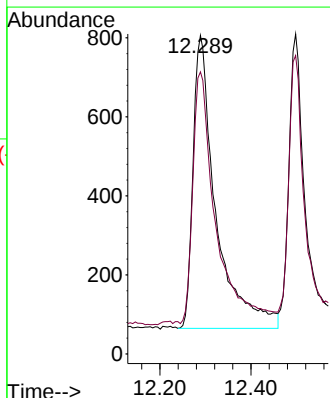
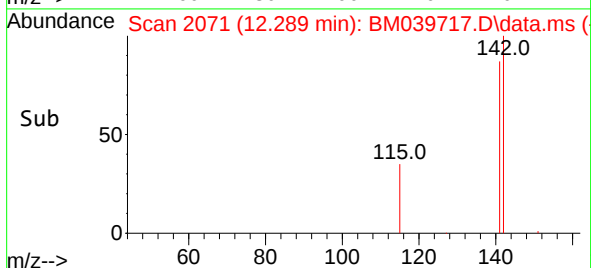
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

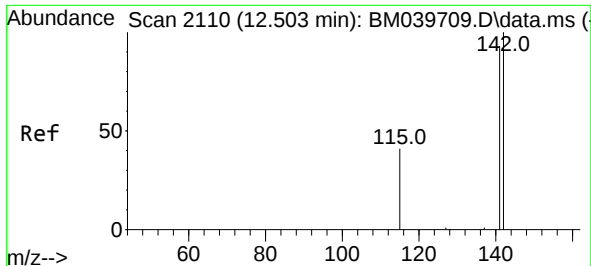


#7
2-Methylnaphthalene
Concen: 0.151 ng/ul
RT: 12.289 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59



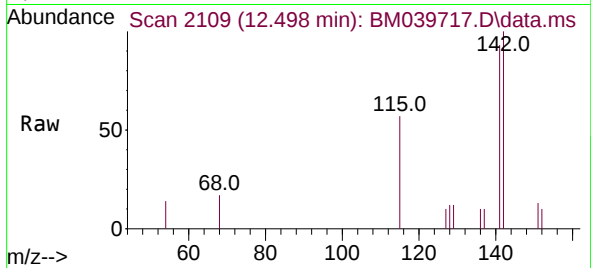
Tgt Ion:142 Resp: 2569
Ion Ratio Lower Upper
142 100
141 86.5 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.498 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

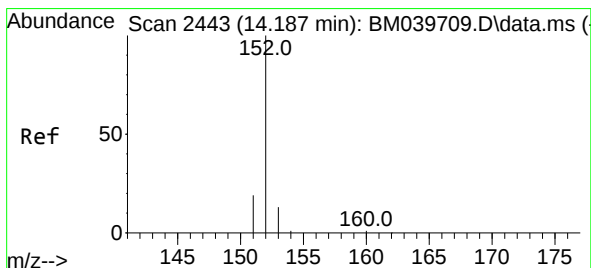
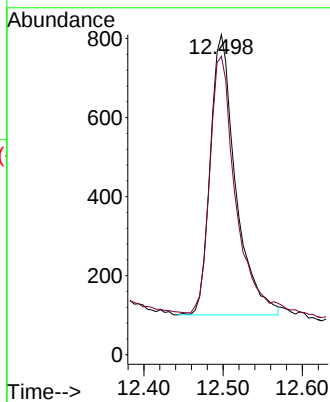
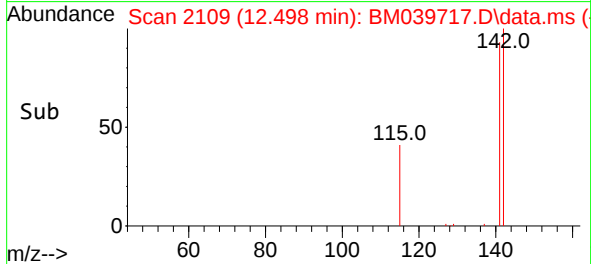
Instrument :
BNA_M
ClientSampleId :
EW8Z7DL



Tgt Ion:142 Resp: 1573
Ion Ratio Lower Upper
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141 92.0 73.4 110.2

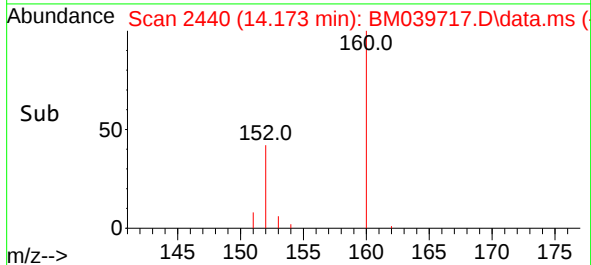
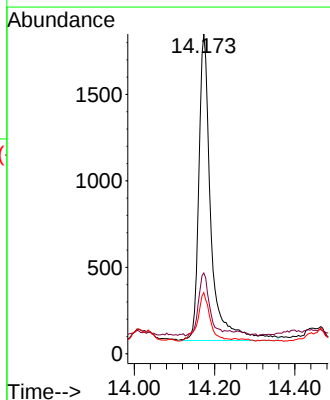
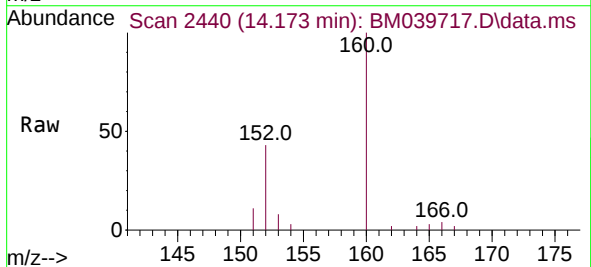
Manual Integrations
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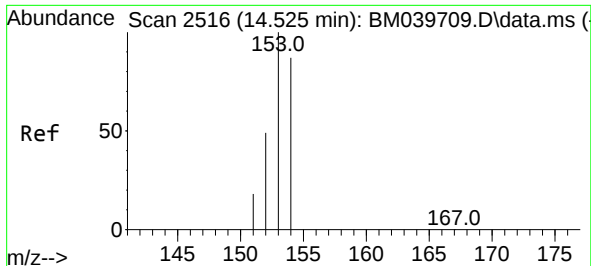
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#10
Acenaphthylene
Concen: 0.135 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

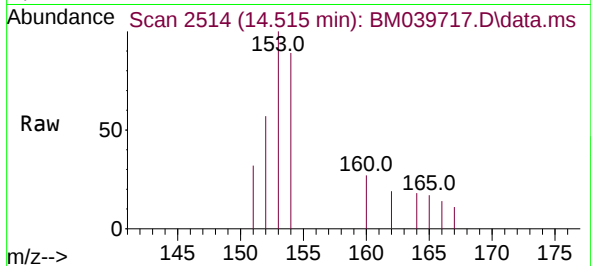
Tgt Ion:152 Resp: 3701
Ion Ratio Lower Upper
152 100
151 25.2 16.0 24.0#
153 19.1 11.2 16.8#





#11
Acenaphthene
Concen: 0.052 ng/ul
RT: 14.515 min Scan# 2514
Delta R.T. -0.005 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

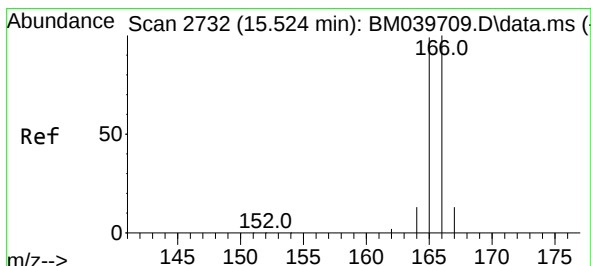
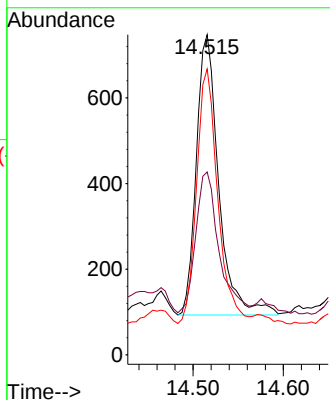
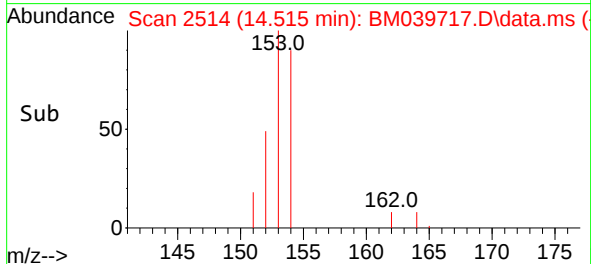
Instrument :
BNA_M
ClientSampleId :
EW8Z7DL



Tgt Ion:153 Resp: 1126
Ion Ratio Lower Upper
153 100
152 57.1 40.6 61.0
154 89.3 71.9 107.9

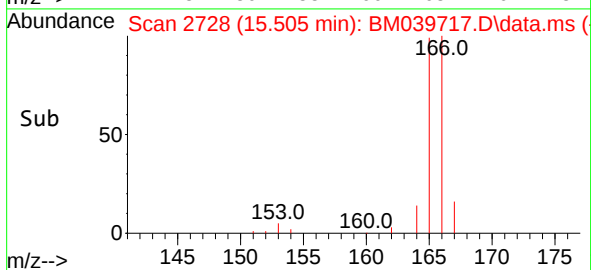
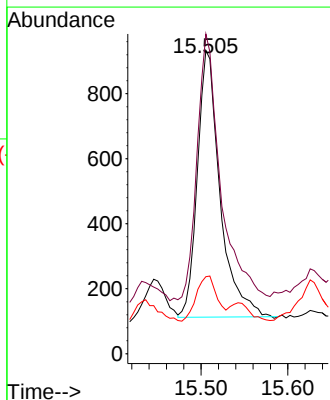
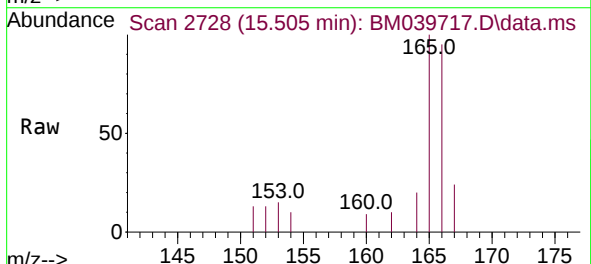
Manual Integrations
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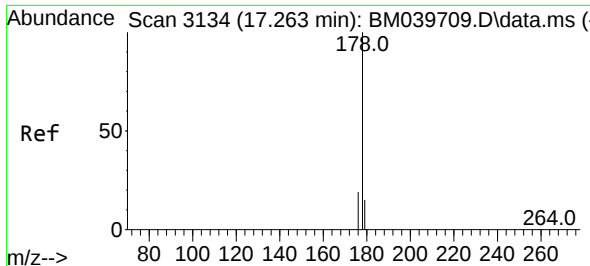
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#12
Fluorene
Concen: 0.062 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.014 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

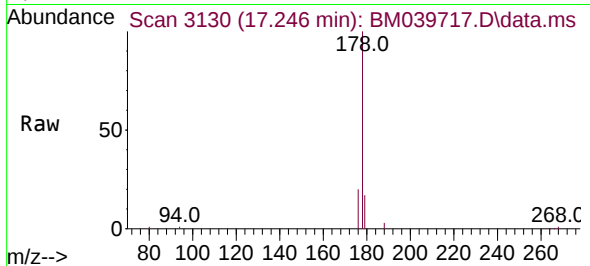
Tgt Ion:166 Resp: 1492
Ion Ratio Lower Upper
166 100
165 105.5 79.0 118.6
167 25.4 11.8 17.6#





#15
Phenanthrene
Concen: 0.622 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. -0.008 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

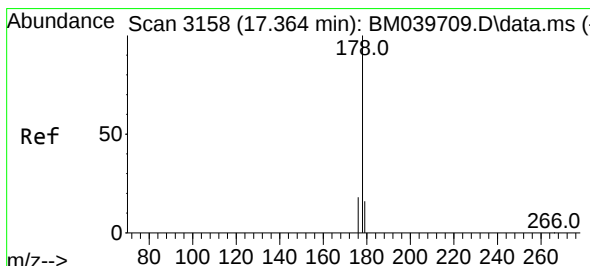
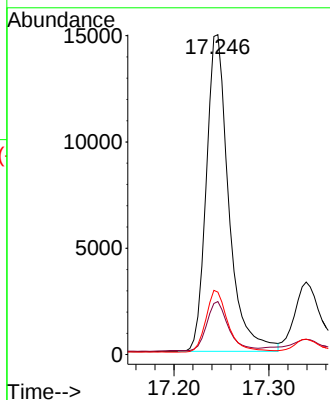
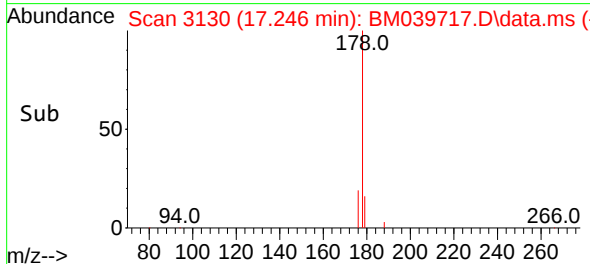
Instrument :
BNA_M
ClientSampleId :
EW8Z7DL



Tgt Ion:178 Resp: 24449
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 19.5 15.8 23.8

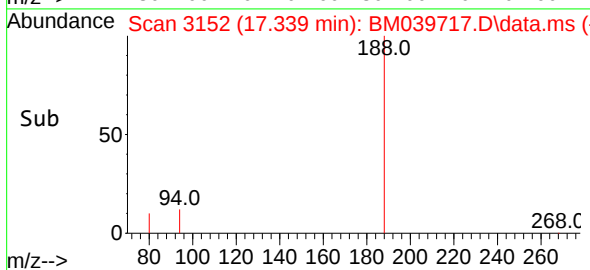
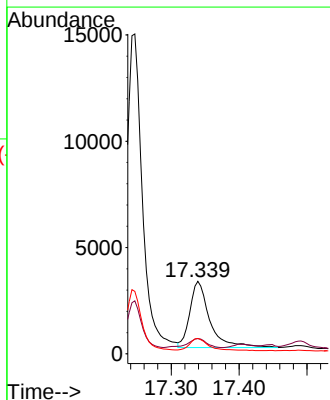
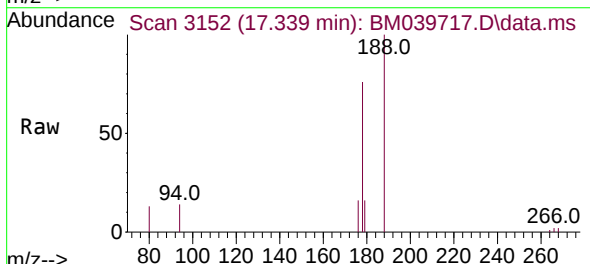
Manual Integrations
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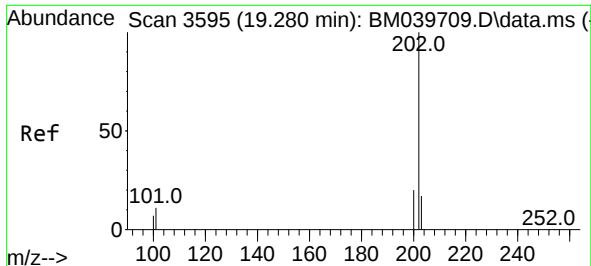
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#16
Anthracene
Concen: 0.188 ng/ul
RT: 17.339 min Scan# 3152
Delta R.T. -0.017 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

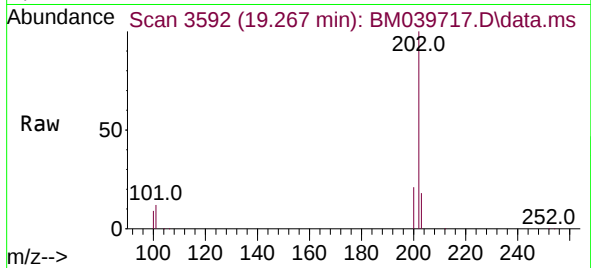
Tgt Ion:178 Resp: 6360
Ion Ratio Lower Upper
178 100
179 21.0 13.8 20.6#
176 21.3 15.8 23.8





#19
Fluoranthene
Concen: 1.409 ng/ul
RT: 19.267 min Scan# 3592
Delta R.T. -0.009 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

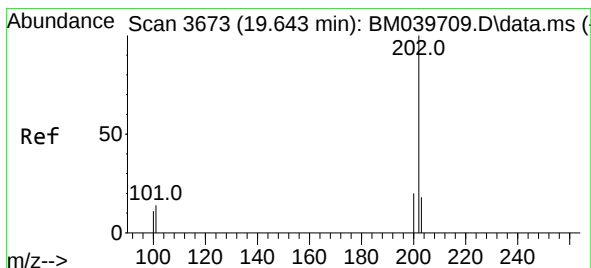
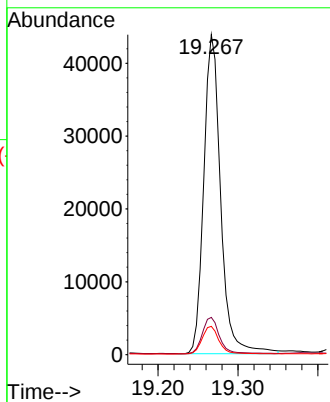
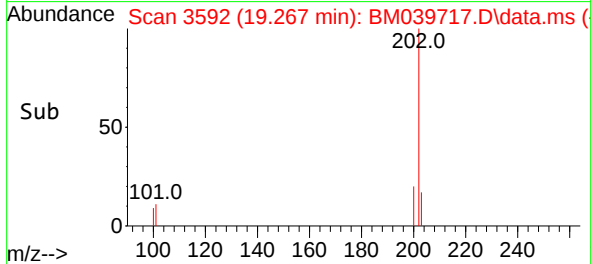
Instrument :
BNA_M
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EW8Z7DL



Tgt Ion:202 Resp: 6445
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 8.8 7.3 10.9

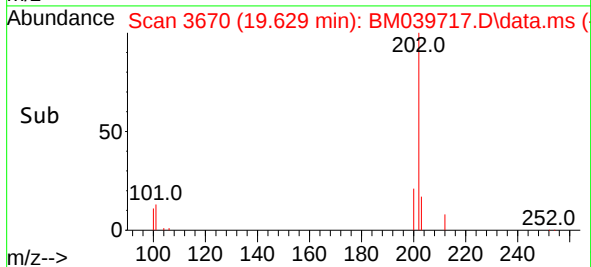
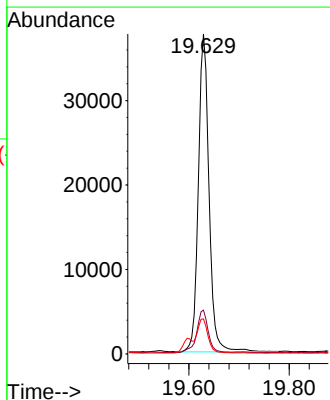
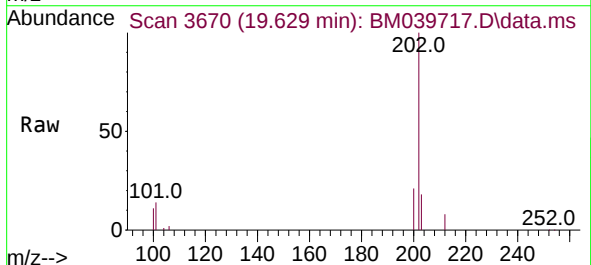
Manual Integrations
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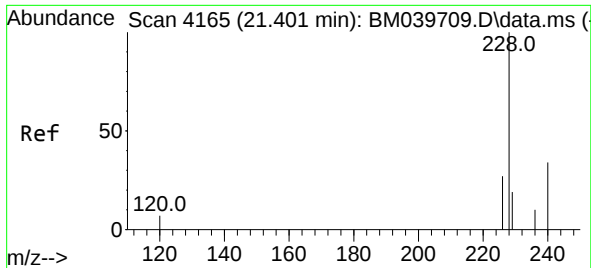
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#20
Pyrene
Concen: 1.125 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

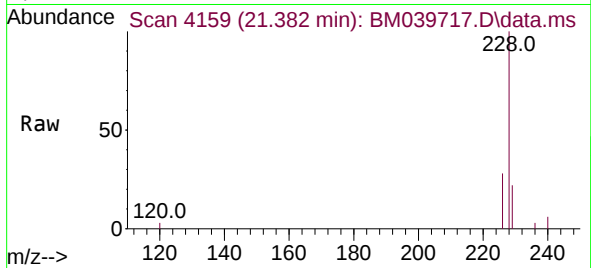
Tgt Ion:202 Resp: 55596
Ion Ratio Lower Upper
202 100
101 13.7 10.9 16.3
100 10.9 8.9 13.3





#21
Benzo(a)anthracene
Concen: 0.959 ng/ul
RT: 21.382 min Scan# 4165
Delta R.T. -0.015 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

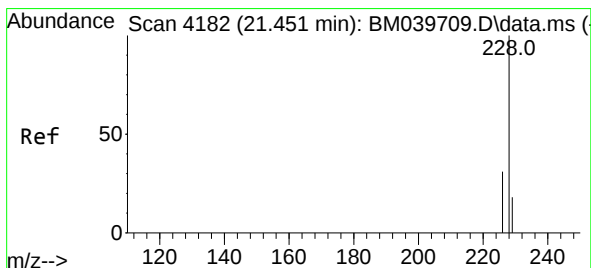
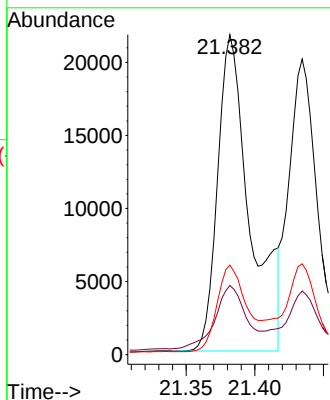
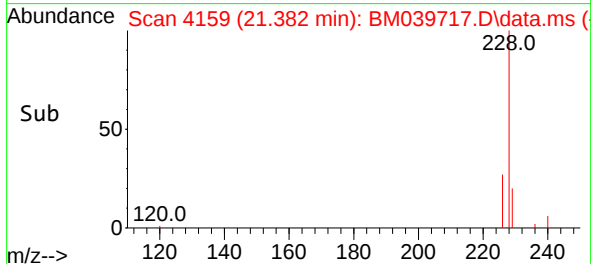
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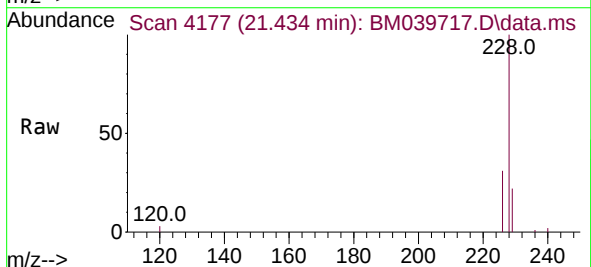
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Ion Ratio Lower Upper
228 100
229 21.6 16.2 24.2
226 28.0 21.6 32.4

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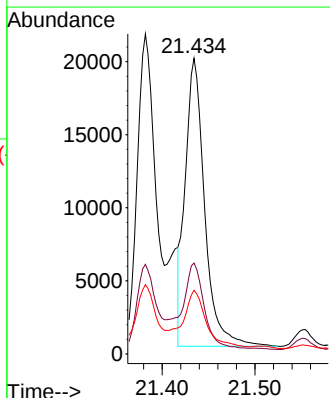
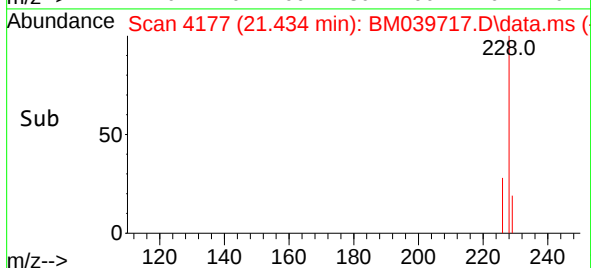
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

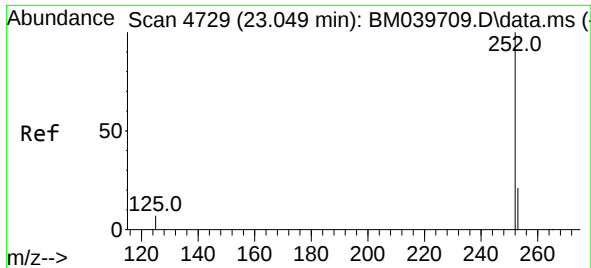


#22
Chrysene
Concen: 0.691 ng/ul
RT: 21.434 min Scan# 4177
Delta R.T. -0.012 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59



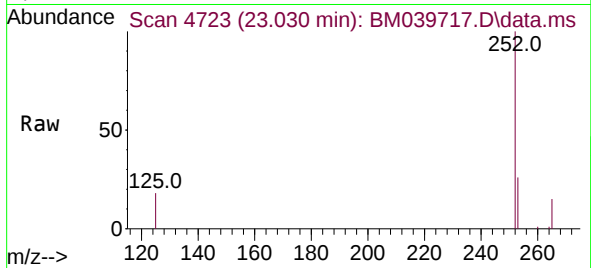
Tgt Ion:228 Resp: 28850
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.5 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.961 ng/ul
RT: 23.030 min Scan# 4723
Delta R.T. -0.015 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

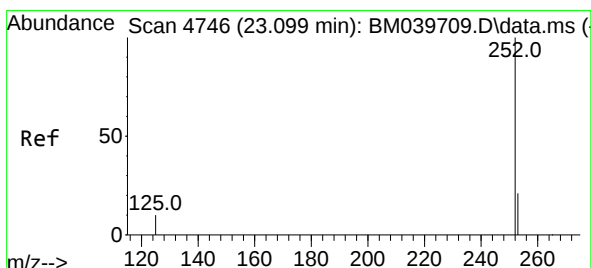
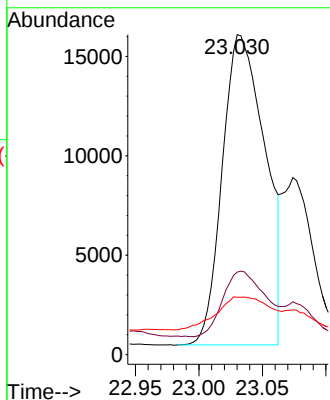
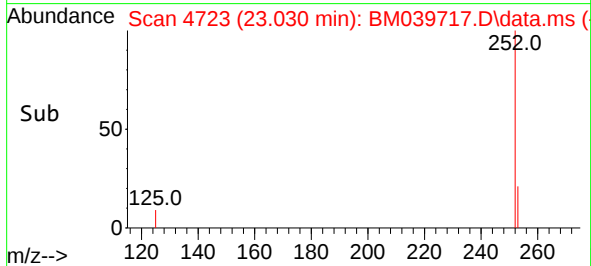
Instrument :
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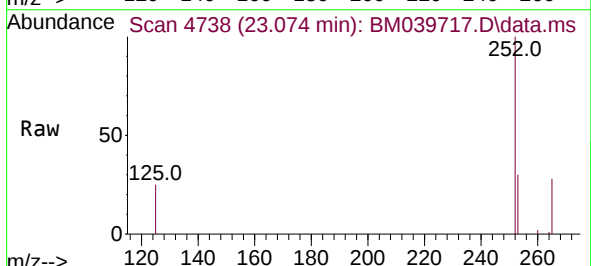
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Ion Ratio Lower Upper
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253 25.8 0.0 52.8
125 17.9 0.0 31.6

Manual Integrations
APPROVED

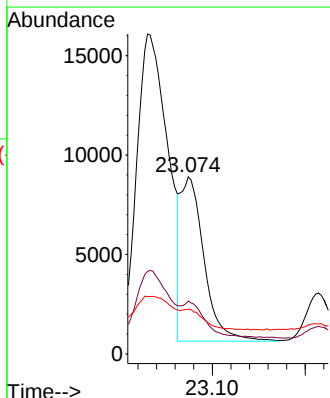
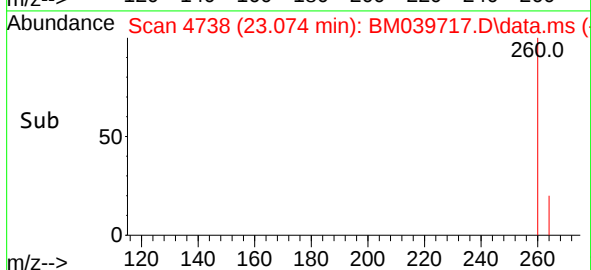
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

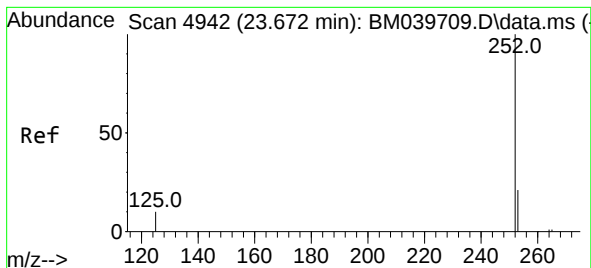


#25
Benzo(k)fluoranthene
Concen: 0.379 ng/ul m
RT: 23.074 min Scan# 4738
Delta R.T. -0.020 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59



Tgt Ion:252 Resp: 14652
Ion Ratio Lower Upper
252 100
253 29.9 21.3 31.9
125 25.2 13.0 19.6#





#26

Benzo(a)pyrene

Concen: 0.625 ng/ul

RT: 23.641 min Scan# 4942

Delta R.T. -0.023 min

Lab File: BM039717.D

Acq: 27 Apr 2023 21:59

Instrument :

BNA_M

ClientSampleId :

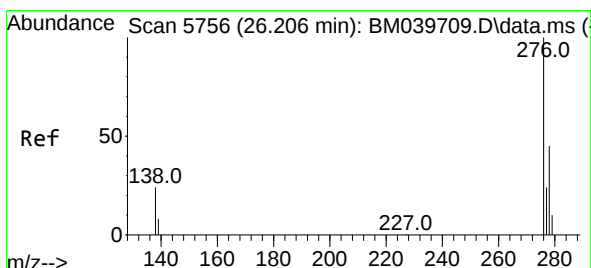
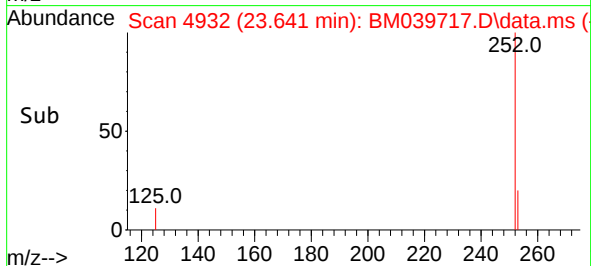
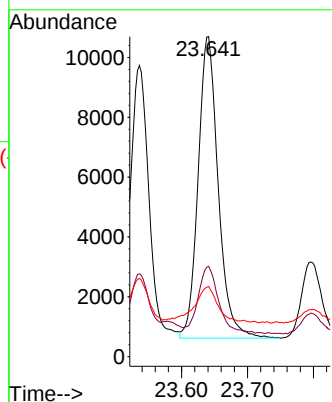
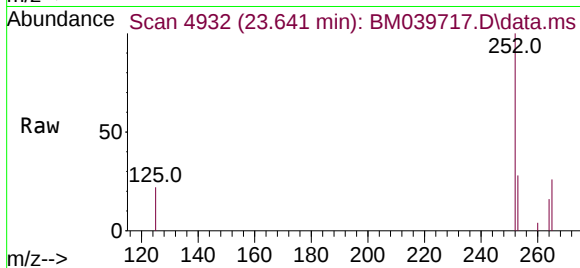
EW8Z7DL

Tgt Ion:	252	Resp:	21309
Ion Ratio	Lower	Upper	
252	100		
253	28.2	24.7	37.1
125	21.9	16.5	24.7

Manual Integrations

APPROVED

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



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.318 ng/ul

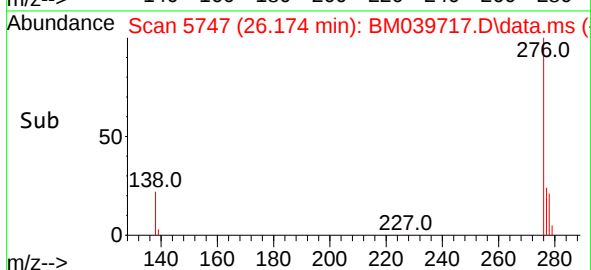
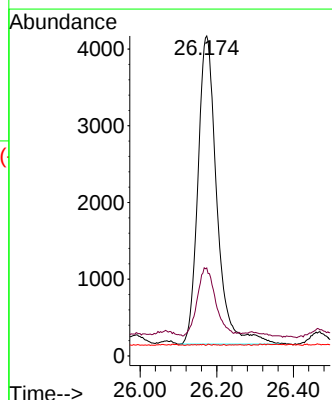
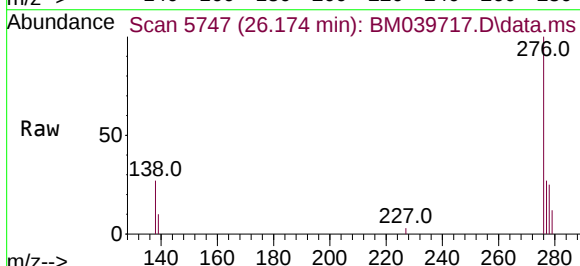
RT: 26.174 min Scan# 5747

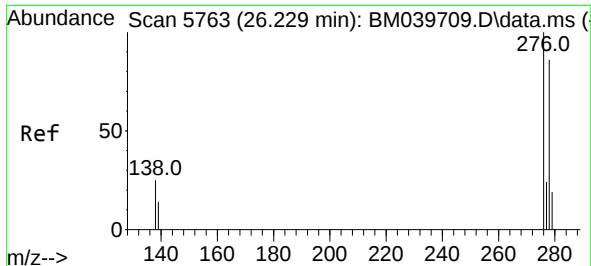
Delta R.T. -0.027 min

Lab File: BM039717.D

Acq: 27 Apr 2023 21:59

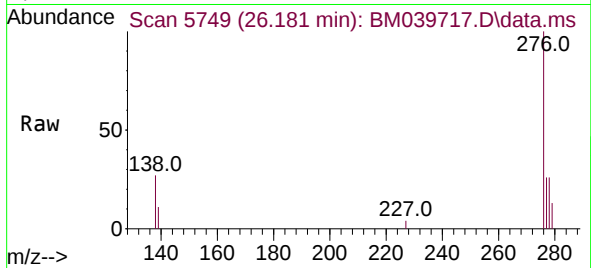
Tgt Ion:	276	Resp:	13693
Ion Ratio	Lower	Upper	
276	100		
138	0.0	21.1	31.7#
227	0.1	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.107 ng/ul
RT: 26.181 min Scan# 51
Delta R.T. -0.037 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

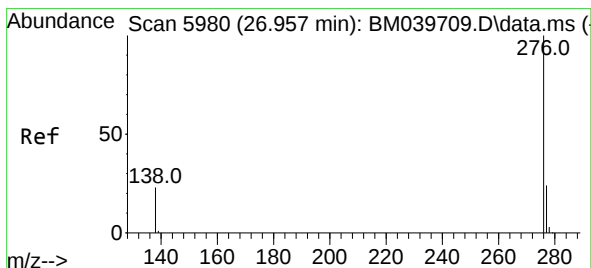
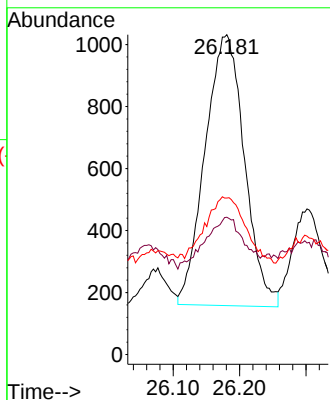
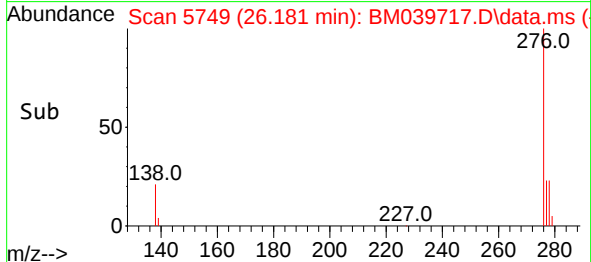
Instrument :
BNA_M
ClientSampleId :
EW8Z7DL



Tgt Ion:278 Resp: 3592
Ion Ratio Lower Upper
278 100
139 42.9 17.0 25.6
279 48.9 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.327 ng/ul
RT: 26.919 min Scan# 5969
Delta R.T. -0.030 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

Tgt Ion:276 Resp: 12292
Ion Ratio Lower Upper
276 100
138 28.7 20.1 30.1
277 27.0 20.1 30.1

