

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039716.D
 Acq On : 27 Apr 2023 21:23
 Operator : CG/JU
 Sample : 02418-26DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW900DL

Quant Time: Apr 28 02:35:07 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	3193	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	7122	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	15339	0.400	ng/ul	-0.01
17) Chrysene-d12	21.399	240	13271	0.400	ng/ul	0.00
23) Perylene-d12	23.743	264	11036	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2355	0.500	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	638	0.042	ng/ul	0.01
18) Fluoranthene-d10	19.234	212	1722	0.048	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.661	128	3946	0.134	ng/ul#	92
7) 2-Methylnaphthalene	12.300	142	1360	0.080	ng/ul	97
8) 1-Methylnaphthalene	12.503	142	1221	0.067	ng/ul	98
10) Acenaphthylene	14.173	152	973	0.035	ng/ul#	66
11) Acenaphthene	14.511	153	3631	0.168	ng/ul	99
12) Fluorene	15.505	166	5625	0.234	ng/ul	98
15) Phenanthrene	17.242	178	75163	1.860	ng/ul	99
16) Anthracene	17.339	178	16134	0.465	ng/ul	98
19) Fluoranthene	19.266	202	109861	2.320	ng/ul	98
20) Pyrene	19.629	202	90735	1.775	ng/ul	99
21) Benzo(a)anthracene	21.382	228	44011	1.153	ng/ul	98
22) Chrysene	21.434	228	37395	0.866	ng/ul	99
24) Benzo(b)fluoranthene	23.030	252	44652	1.152	ng/ul	98
25) Benzo(k)fluoranthene	23.074	252	17437m	0.442	ng/ul	
26) Benzo(a)pyrene	23.638	252	27497	0.790	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.171	276	17037	0.387	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.181	278	3932	0.115	ng/ul#	71
29) Benzo(g,h,i)perylene	26.922	276	13528	0.353	ng/ul	96

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

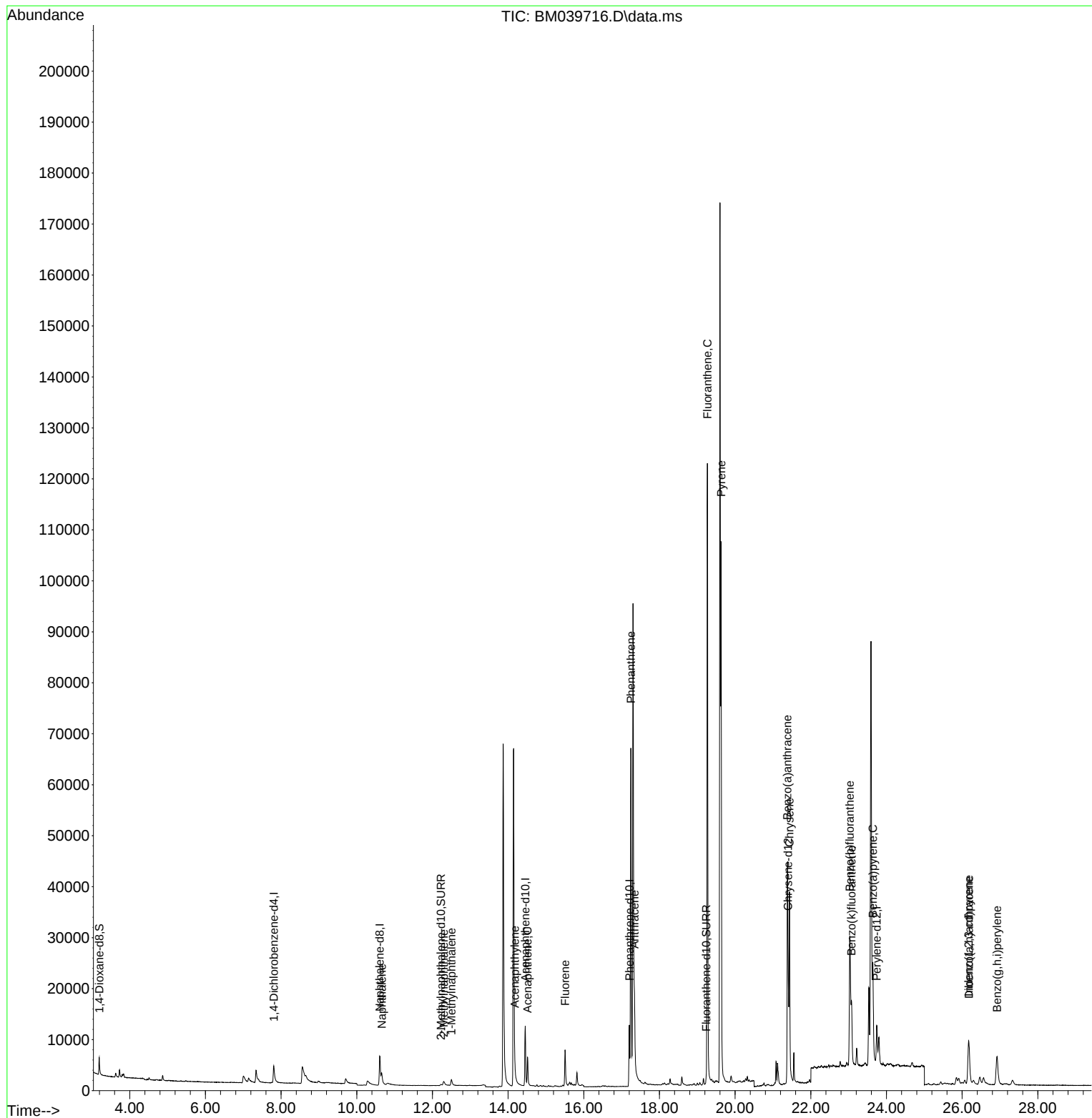
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039716.D
Acq On : 27 Apr 2023 21:23
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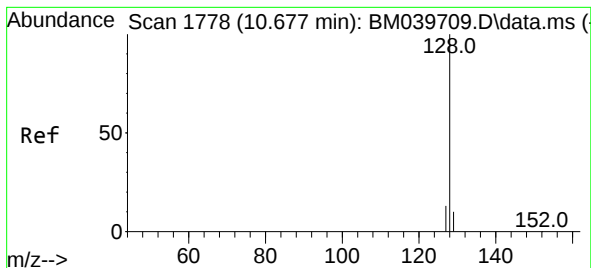
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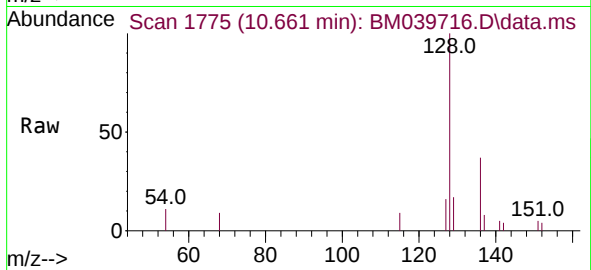
Reviewed By : Christian Giraldo 04/28/2023
Supervised By : Jagrut Upadhyay 04/28/2023





#5
Naphthalene
Concen: 0.134 ng/ul
RT: 10.661 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23

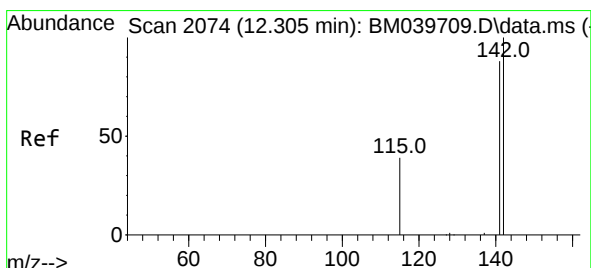
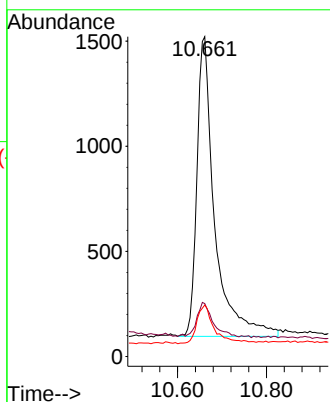
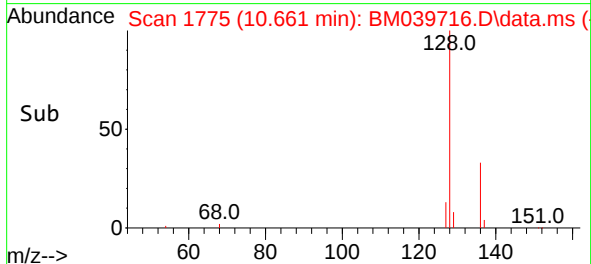
Instrument :
BNA_M
ClientSampleId :
EW900DL



Tgt Ion:128 Resp: 3946
Ion Ratio Lower Upper
128 100
129 16.6 9.8 14.6
127 16.1 11.1 16.7

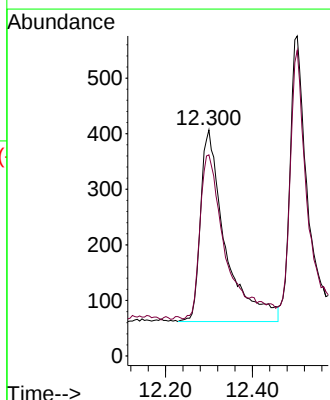
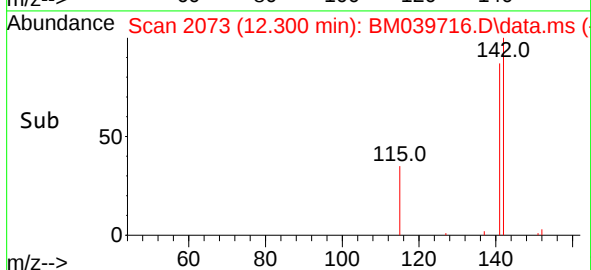
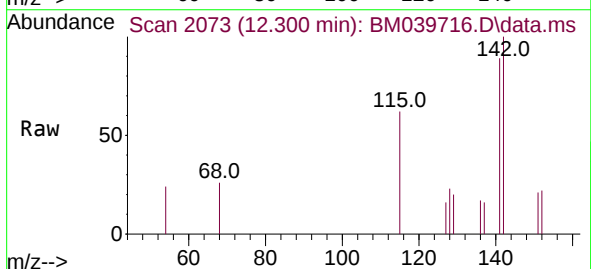
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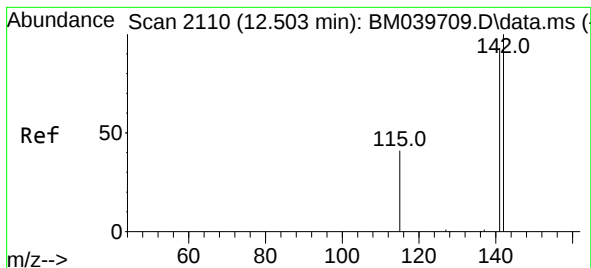
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#7
2-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 12.300 min Scan# 2073
Delta R.T. 0.011 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23

Tgt Ion:142 Resp: 1360
Ion Ratio Lower Upper
142 100
141 88.9 73.2 109.8





#8

1-Methylnaphthalene

Concen: 0.067 ng/ul

RT: 12.503 min Scan# 2110

Delta R.T. 0.005 min

Lab File: BM039716.D

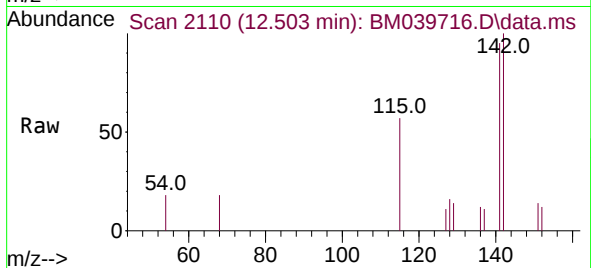
Acq: 27 Apr 2023 21:23

Instrument :

BNA_M

ClientSampleId :

EW900DL



Tgt Ion:142 Resp: 1221

Ion Ratio Lower Upper

142 100

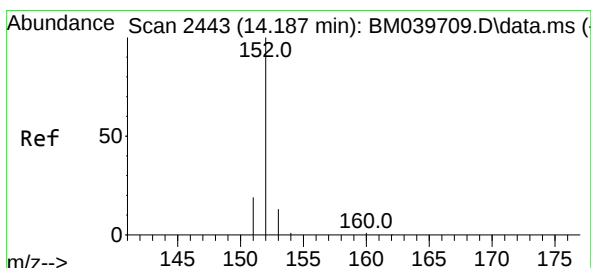
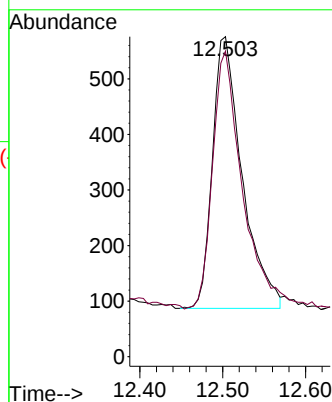
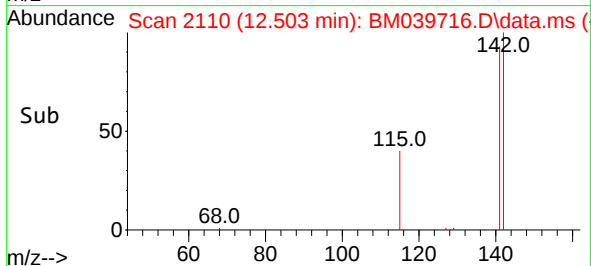
141 94.0 73.4 110.2

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#10

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.173 min Scan# 2440

Delta R.T. -0.009 min

Lab File: BM039716.D

Acq: 27 Apr 2023 21:23

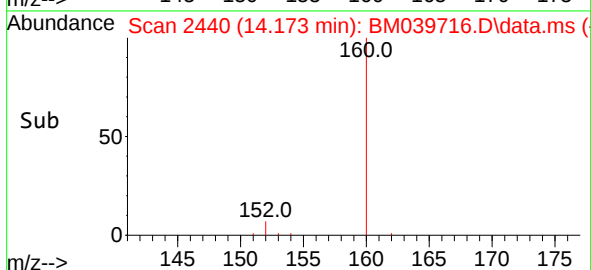
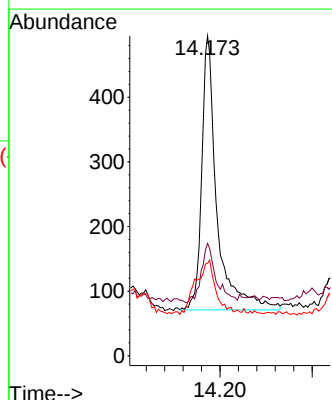
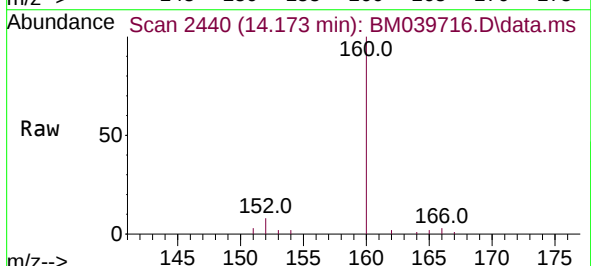
Tgt Ion:152 Resp: 973

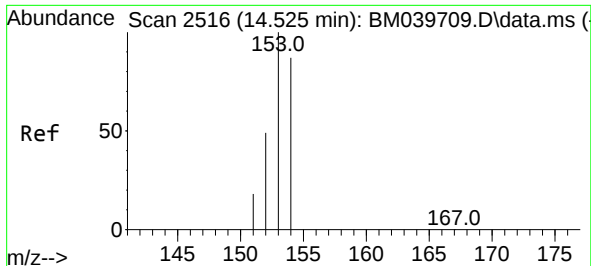
Ion Ratio Lower Upper

152 100

151 35.2 16.0 24.0#

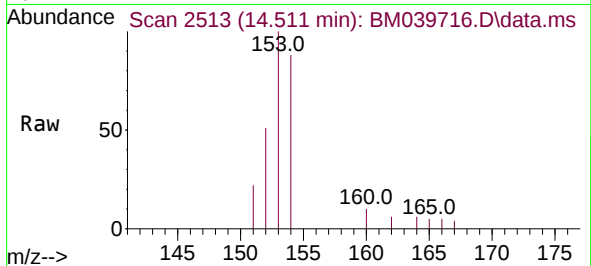
153 28.9 11.2 16.8#





#11
Acenaphthene
Concen: 0.168 ng/ul
RT: 14.511 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23

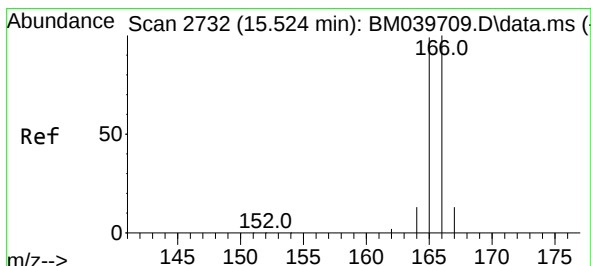
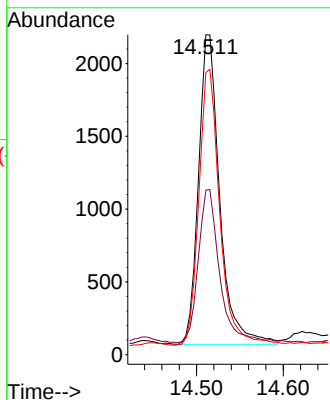
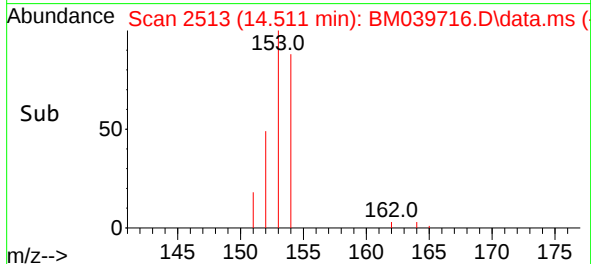
Instrument :
BNA_M
ClientSampleId :
EW900DL



Tgt Ion:153 Resp: 363
Ion Ratio Lower Upper
153 100
152 51.4 40.6 61.0
154 88.2 71.9 107.9

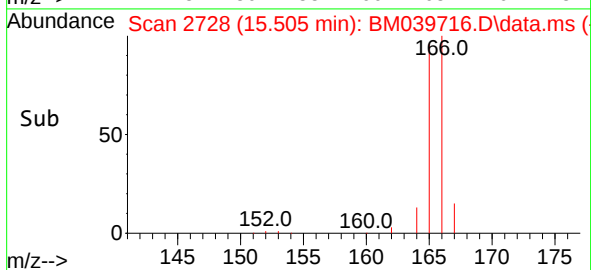
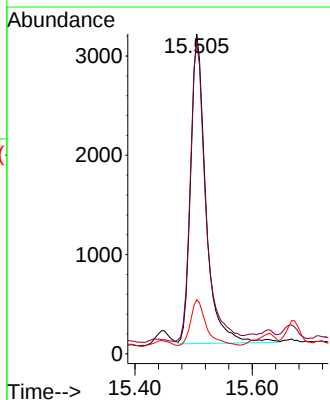
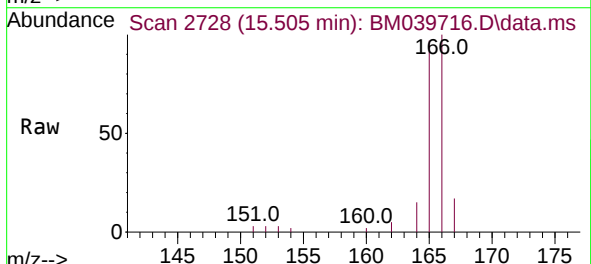
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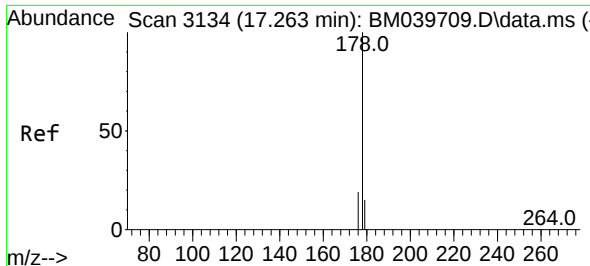
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#12
Fluorene
Concen: 0.234 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.014 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23

Tgt Ion:166 Resp: 5625
Ion Ratio Lower Upper
166 100
165 97.3 79.0 118.6
167 16.9 11.8 17.6





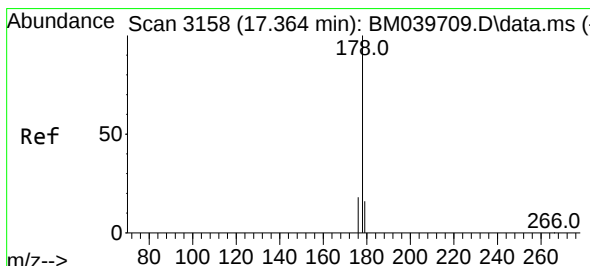
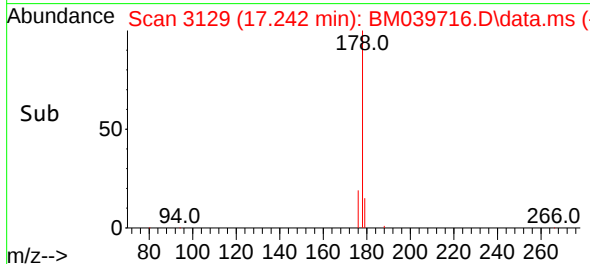
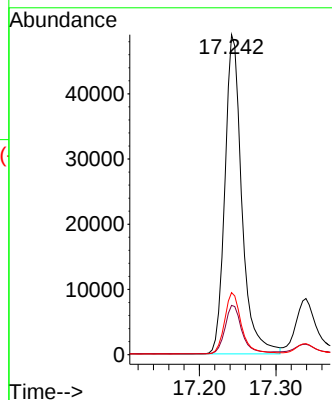
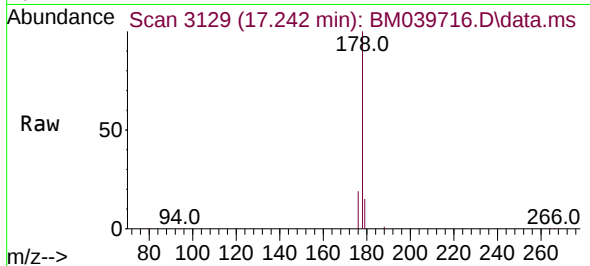
#15
Phenanthrene
Concen: 1.860 ng/ul
RT: 17.242 min Scan# 3112
Delta R.T. -0.013 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23

Instrument :
BNA_M
ClientSampleId :
EW900DL

Tgt Ion:178 Resp: 75163
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.4 15.8 23.8

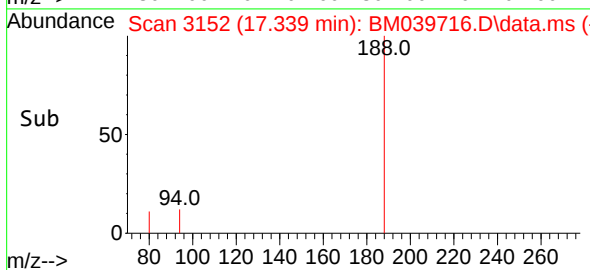
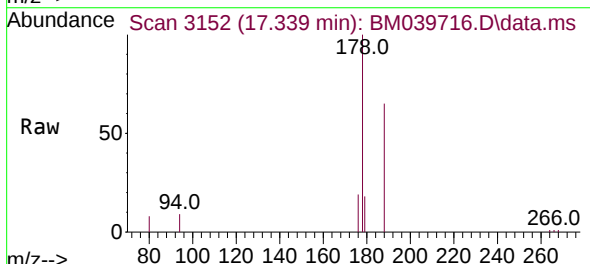
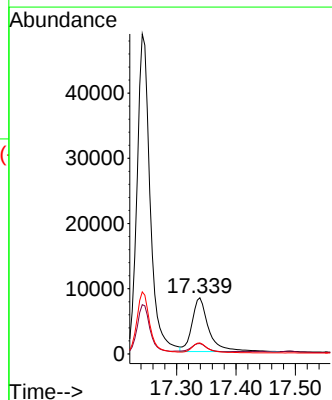
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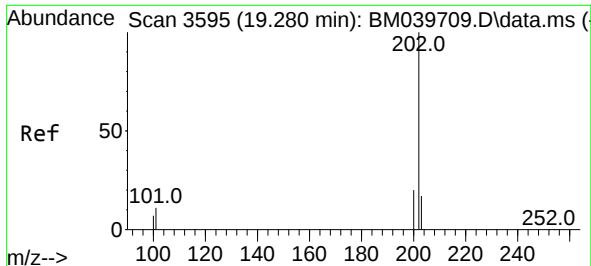
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#16
Anthracene
Concen: 0.465 ng/ul
RT: 17.339 min Scan# 3152
Delta R.T. -0.017 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23

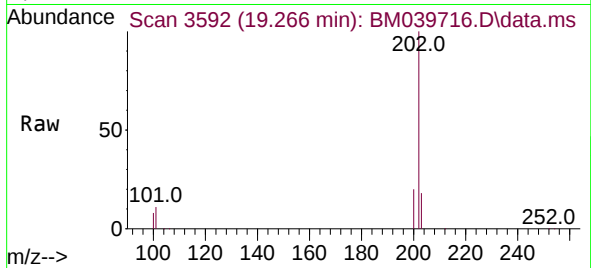
Tgt Ion:178 Resp: 16134
Ion Ratio Lower Upper
178 100
179 18.3 13.8 20.6
176 19.4 15.8 23.8





#19
Fluoranthene
Concen: 2.320 ng/ul
RT: 19.266 min Scan# 3592
Delta R.T. -0.009 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23

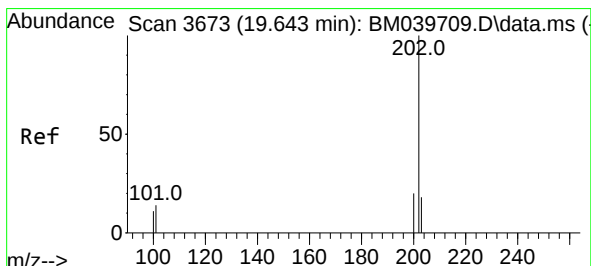
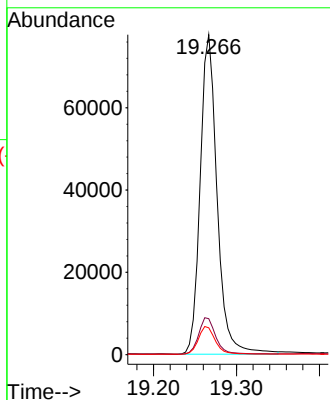
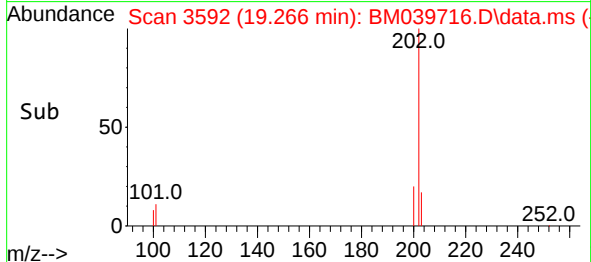
Instrument :
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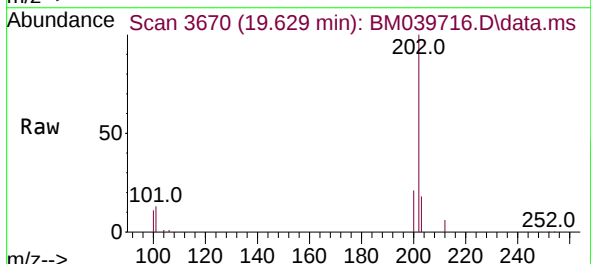
Tgt Ion:202 Resp: 10986
Ion Ratio Lower Upper
202 100
101 11.2 9.8 14.8
100 8.4 7.3 10.9

Manual Integrations
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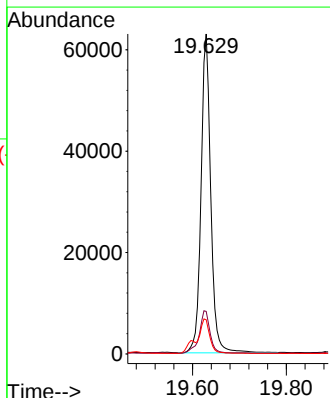
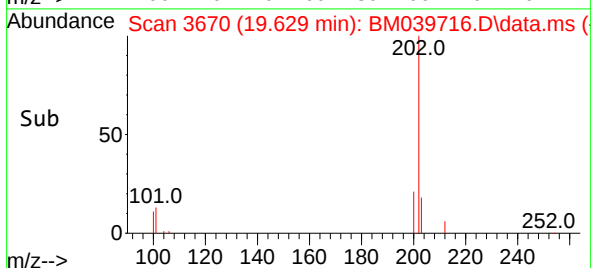
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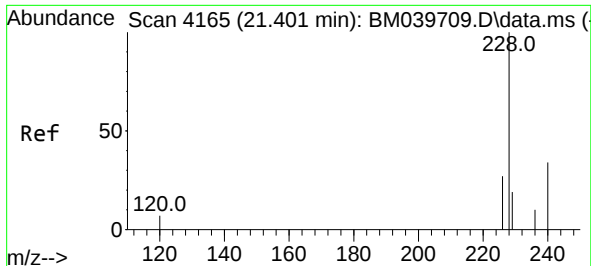


#20
Pyrene
Concen: 1.775 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23



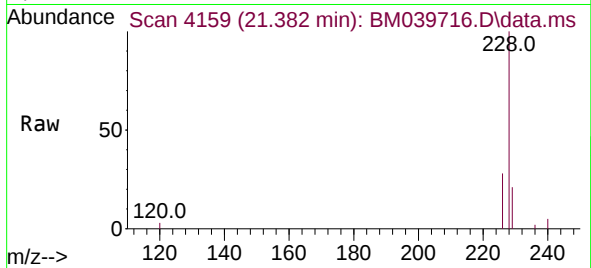
Tgt Ion:202 Resp: 90735
Ion Ratio Lower Upper
202 100
101 13.3 10.9 16.3
100 10.7 8.9 13.3





#21
Benzo(a)anthracene
Concen: 1.153 ng/ul
RT: 21.382 min Scan# 4165
Delta R.T. -0.015 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23

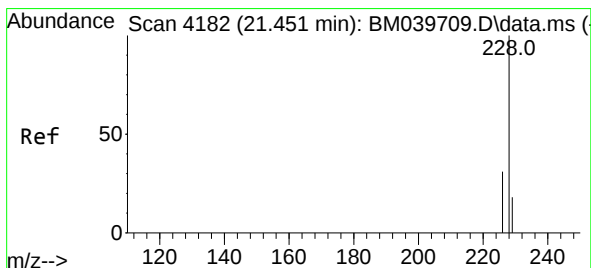
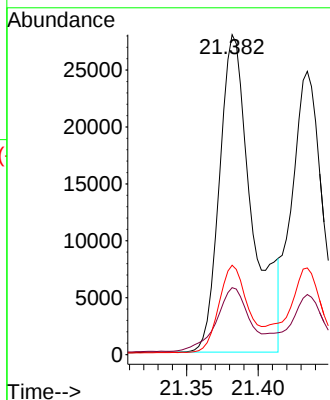
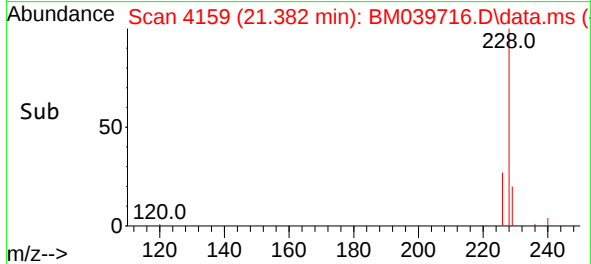
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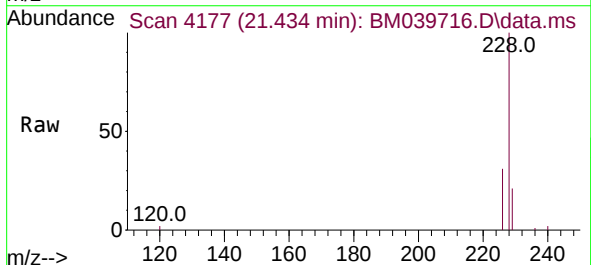
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Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 27.9 21.6 32.4

Manual Integrations
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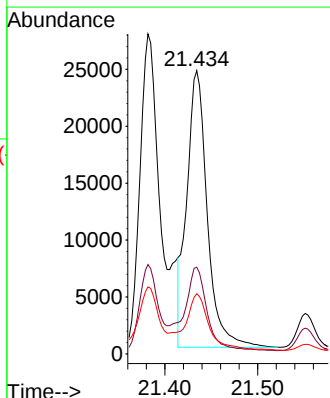
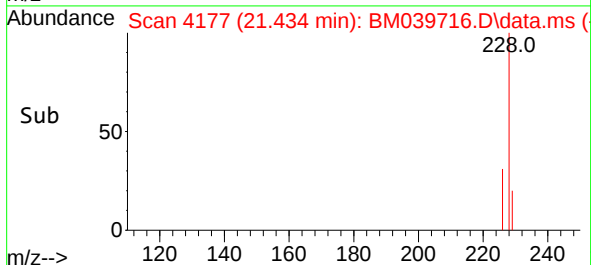
Reviewed By :Christian Giraldo 04/28/2023
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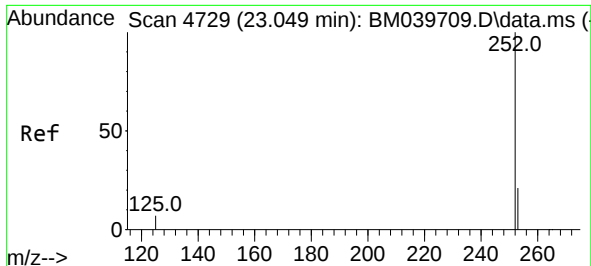


#22
Chrysene
Concen: 0.866 ng/ul
RT: 21.434 min Scan# 4177
Delta R.T. -0.012 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23



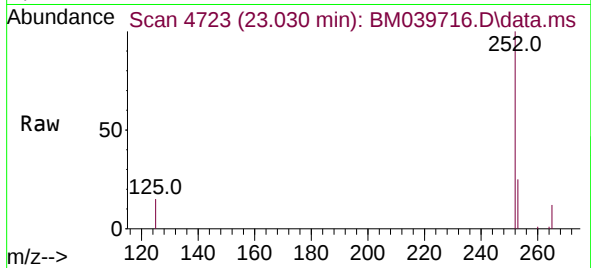
Tgt Ion:228 Resp: 37395
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 21.2 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.152 ng/ul
RT: 23.030 min Scan# 4723
Delta R.T. -0.015 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23

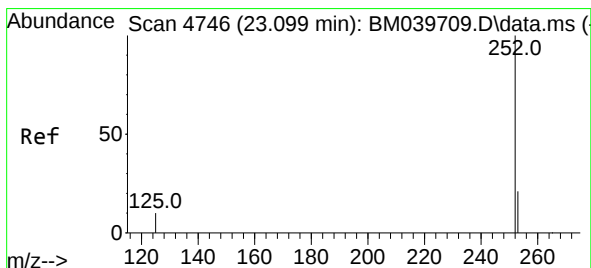
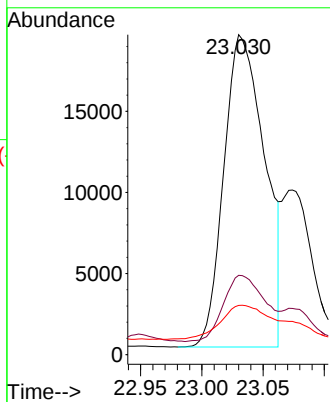
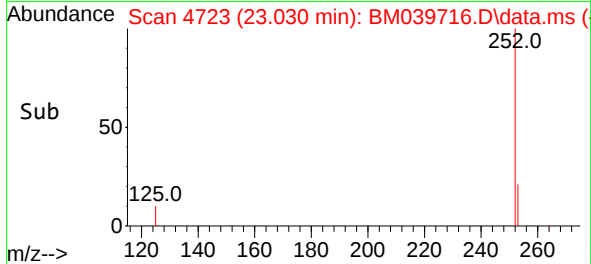
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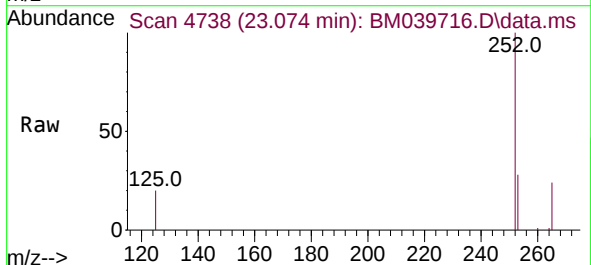
Tgt Ion:252 Resp: 44652
Ion Ratio Lower Upper
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253 24.8 0.0 52.8
125 15.4 0.0 31.6

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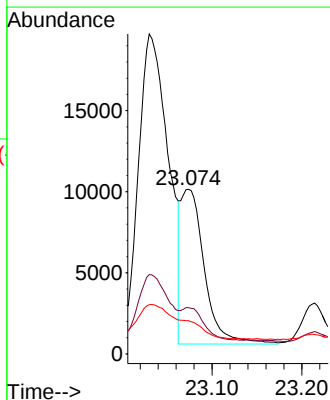
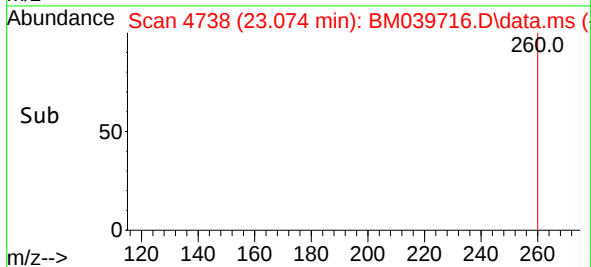
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

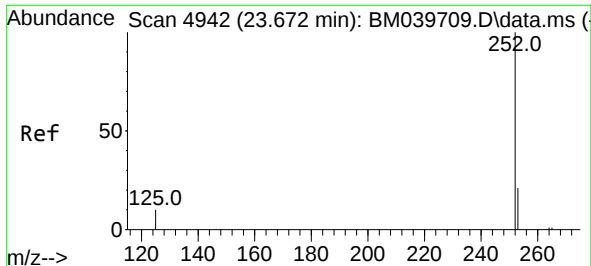


#25
Benzo(k)fluoranthene
Concen: 0.442 ng/ul m
RT: 23.074 min Scan# 4738
Delta R.T. -0.021 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23



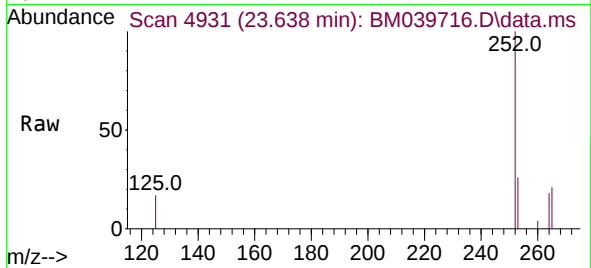
Tgt Ion:252 Resp: 17437
Ion Ratio Lower Upper
252 100
253 28.1 21.3 31.9
125 20.2 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 0.790 ng/ul
RT: 23.638 min Scan# 4942
Delta R.T. -0.026 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23

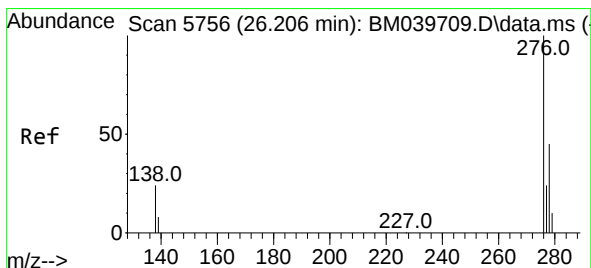
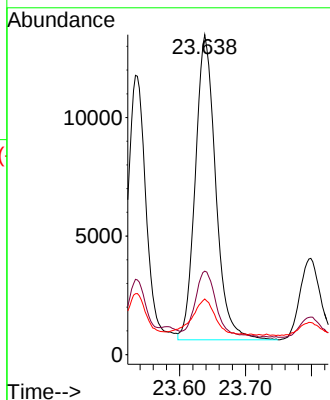
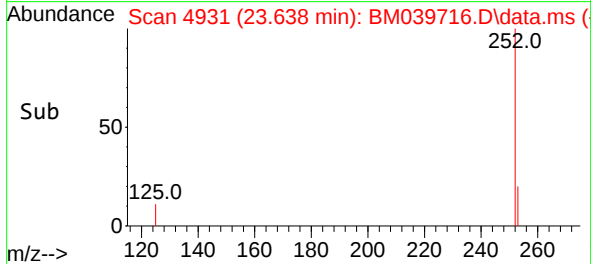
Instrument :
BNA_M
ClientSampleId :
EW900DL



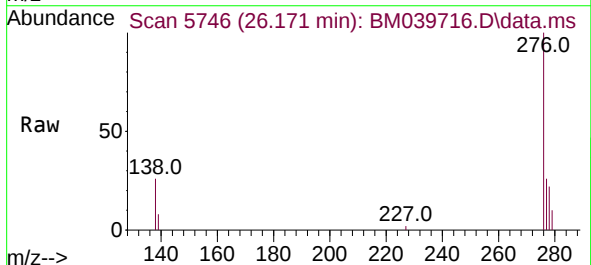
Tgt Ion:252 Resp: 27497
Ion Ratio Lower Upper
252 100
253 26.1 24.7 37.1
125 17.4 16.5 24.7

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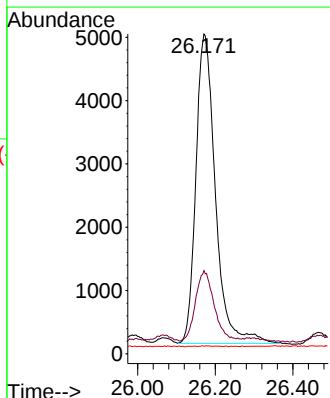
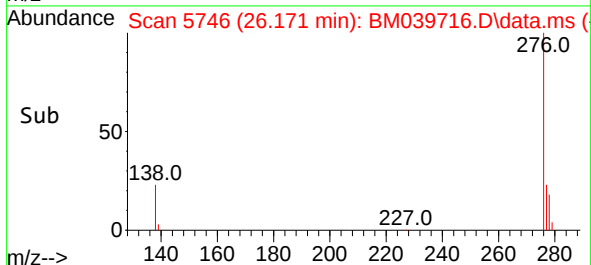
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

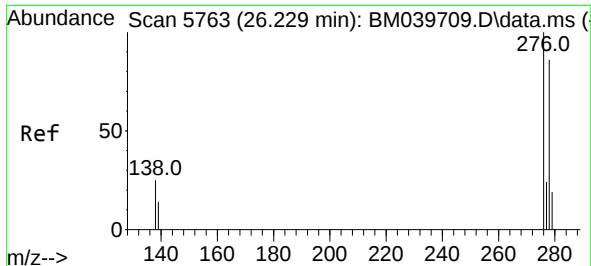


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 26.171 min Scan# 5746
Delta R.T. -0.030 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23



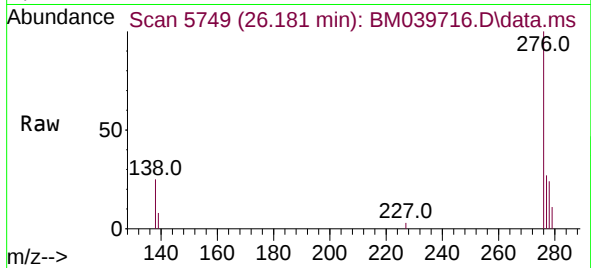
Tgt Ion:276 Resp: 17037
Ion Ratio Lower Upper
276 100
138 21.9 21.1 31.7
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.115 ng/ul
RT: 26.181 min Scan# 5749
Delta R.T. -0.037 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23

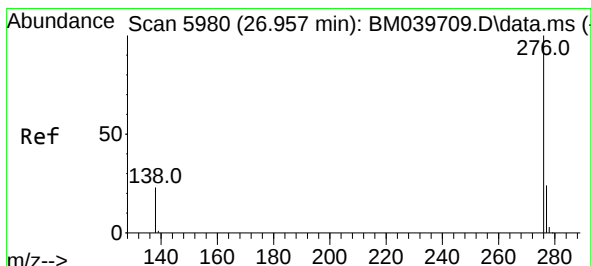
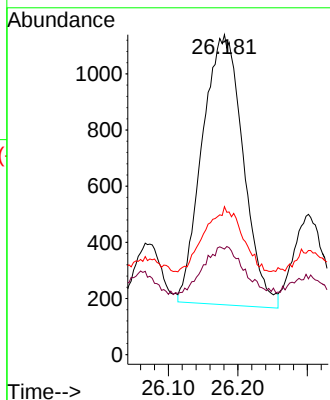
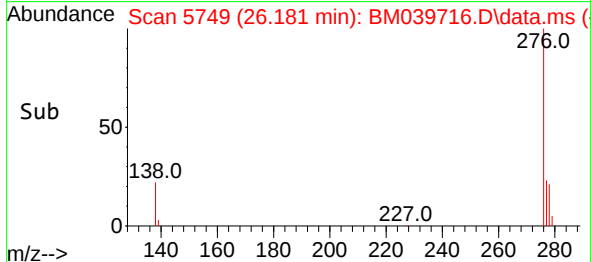
Instrument :
BNA_M
ClientSampleId :
EW900DL



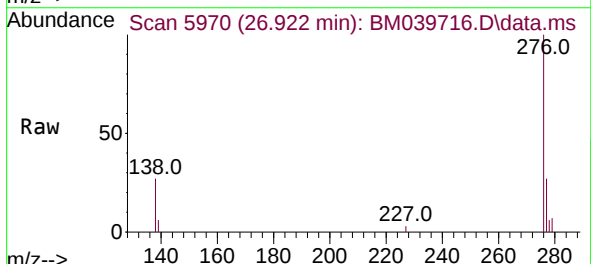
Tgt Ion:278 Resp: 3932
Ion Ratio Lower Upper
278 100
139 33.0 17.0 25.6
279 46.2 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 26.922 min Scan# 5970
Delta R.T. -0.027 min
Lab File: BM039716.D
Acq: 27 Apr 2023 21:23



Tgt Ion:276 Resp: 13528
Ion Ratio Lower Upper
276 100
138 27.5 20.1 30.1
277 27.1 20.1 30.1

