

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039720.D
 Acq On : 27 Apr 2023 23:46
 Operator : CG/JU
 Sample : 02417-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X6

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 02:35:42 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	7.800	152	4116	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	15042	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.451	164	8588	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	18980	0.400	ng/ul	-0.01
17) Chrysene-d12	21.398	240	14818	0.400	ng/ul	-0.01
23) Perylene-d12	23.742	264	12353	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	17535	2.891	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	3957	0.205	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	9816	0.246	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.650	128	1021	0.027	ng/ul#	74
7) 2-Methylnaphthalene	12.283	142	677	0.031	ng/ul	94
8) 1-Methylnaphthalene	12.498	142	562	0.024	ng/ul	99
10) Acenaphthylene	14.173	152	690	0.021	ng/ul#	57
15) Phenanthrene	17.242	178	6465	0.129	ng/ul	96
16) Anthracene	17.335	178	1346	0.031	ng/ul#	72
19) Fluoranthene	19.266	202	19199	0.363	ng/ul#	85
20) Pyrene	19.629	202	16146m	0.283	ng/ul	
21) Benzo(a)anthracene	21.383	228	8619	0.202	ng/ul	95
22) Chrysene	21.436	228	9052	0.188	ng/ul	97
24) Benzo(b)fluoranthene	23.035	252	12476	0.288	ng/ul	88
25) Benzo(k)fluoranthene	23.076	252	5102m	0.116	ng/ul	
26) Benzo(a)pyrene	23.634	252	7050	0.181	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.182	276	5376	0.109	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.182	278	1240	0.032	ng/ul#	11
29) Benzo(g,h,i)perylene	26.927	276	4884	0.114	ng/ul#	87

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

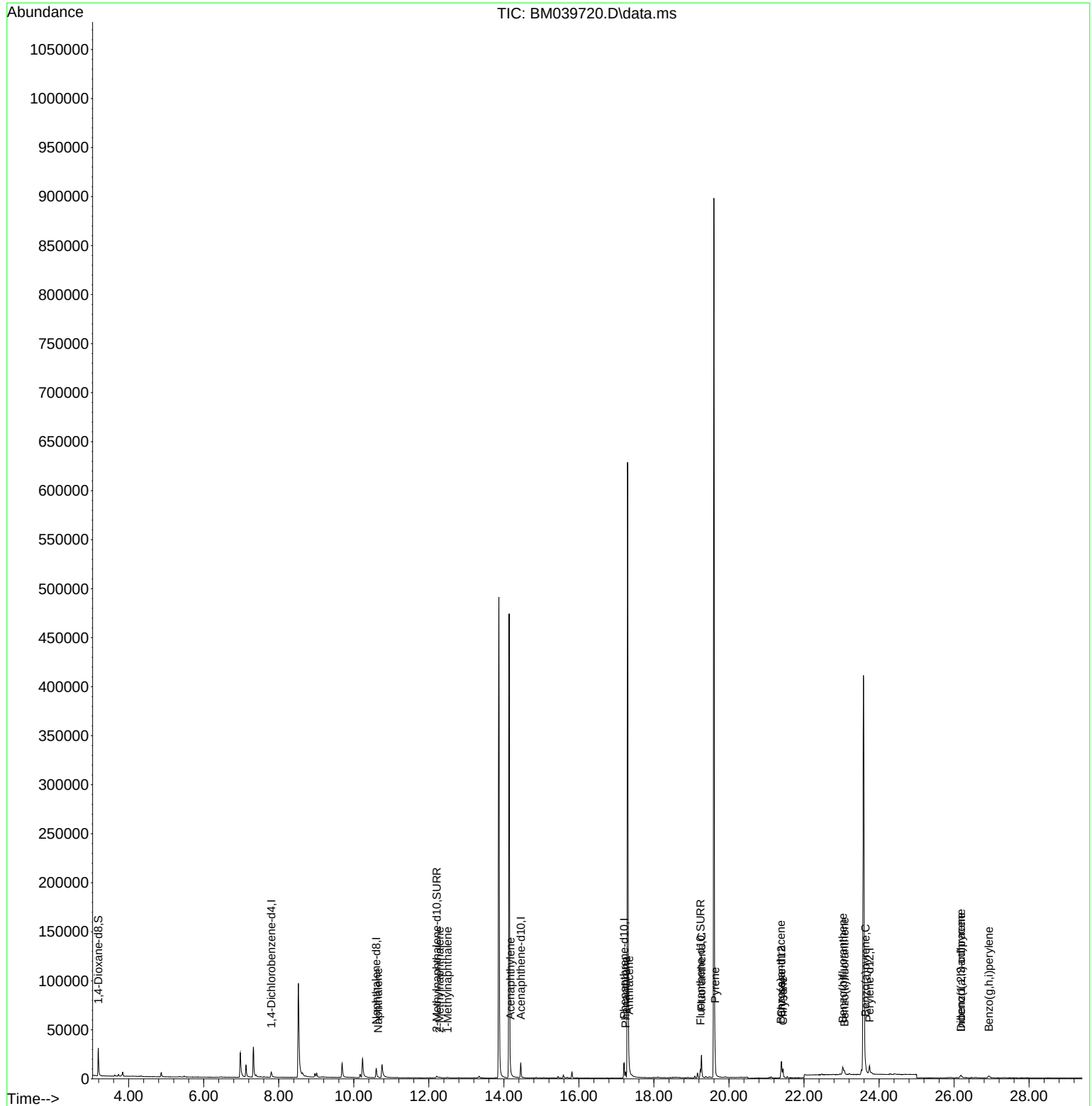
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039720.D
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ALS Vial : 22 Sample Multiplier: 1

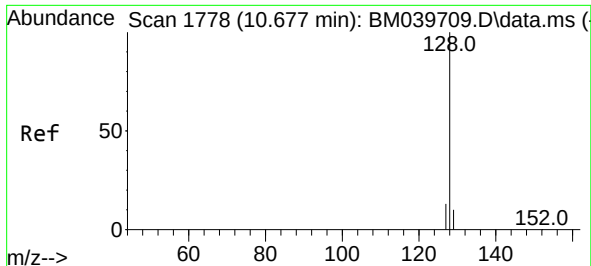
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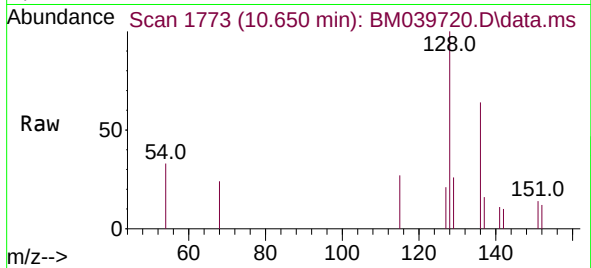
Quant Time: Apr 28 02:35:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
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#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.650 min Scan# 1773
Delta R.T. -0.011 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46

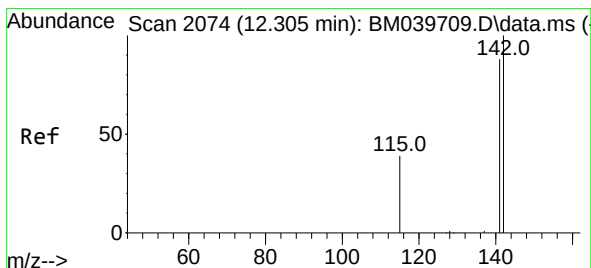
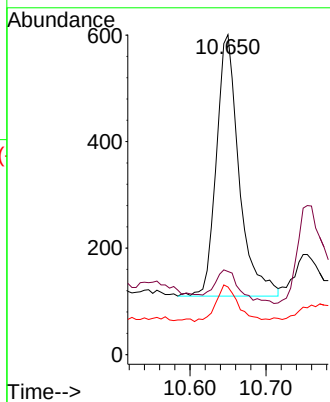
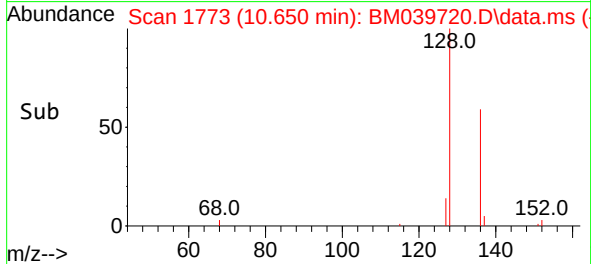
Instrument :
BNA_M
ClientSampleId :
EW8X6



Tgt Ion:128 Resp: 1021
Ion Ratio Lower Upper
128 100
129 26.0 9.8 14.6
127 21.1 11.1 16.7

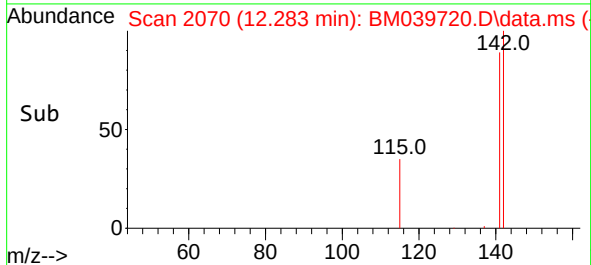
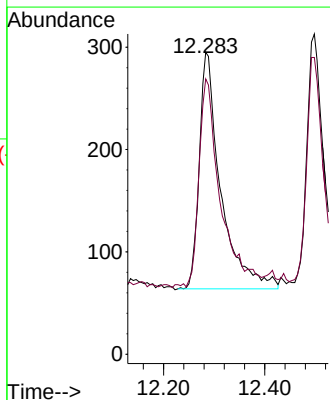
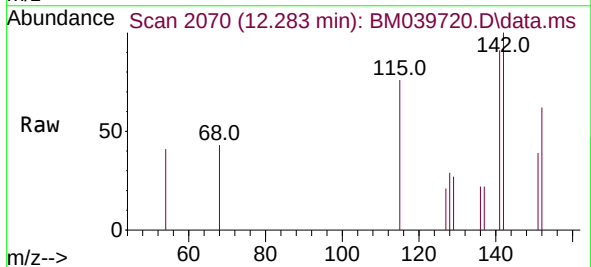
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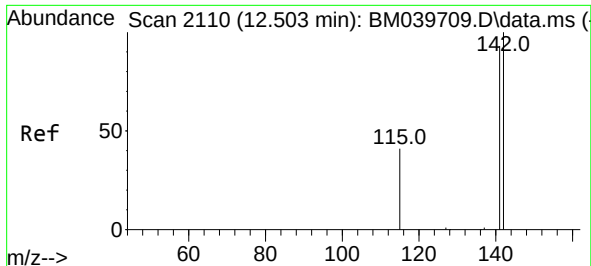
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46

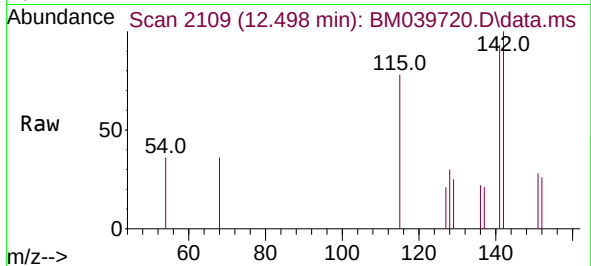
Tgt Ion:142 Resp: 677
Ion Ratio Lower Upper
142 100
141 86.3 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46

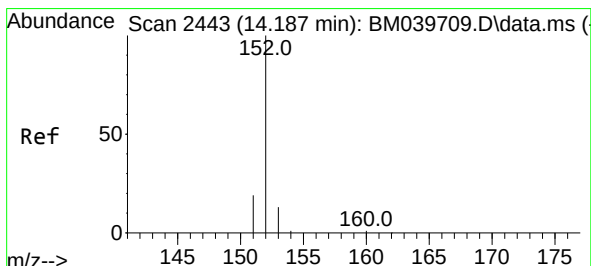
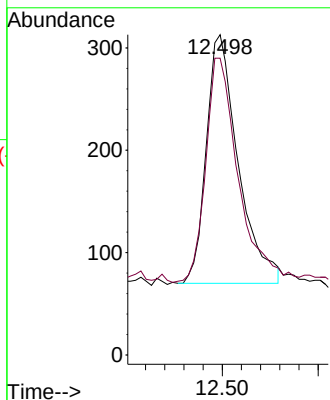
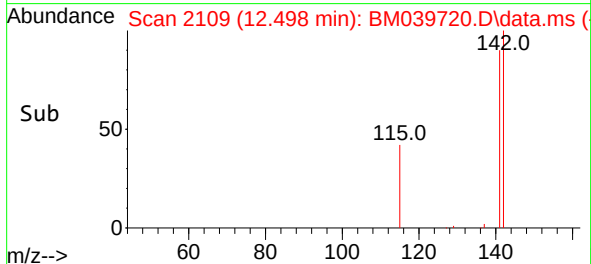
Instrument :
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Tgt Ion:142 Resp: 562
Ion Ratio Lower Upper
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141 90.9 73.4 110.2

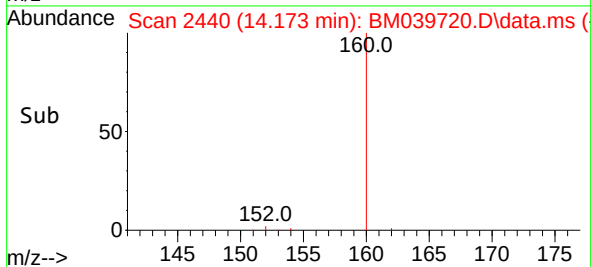
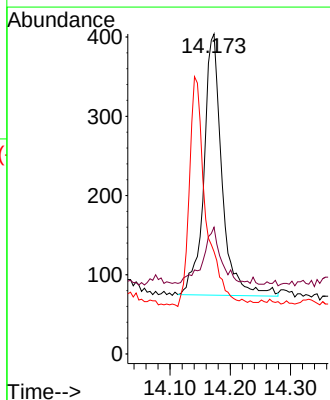
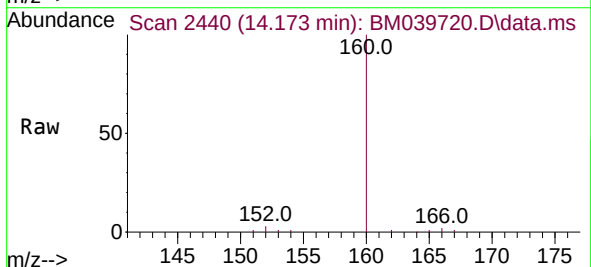
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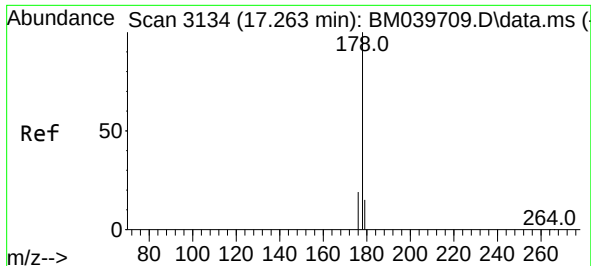
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46

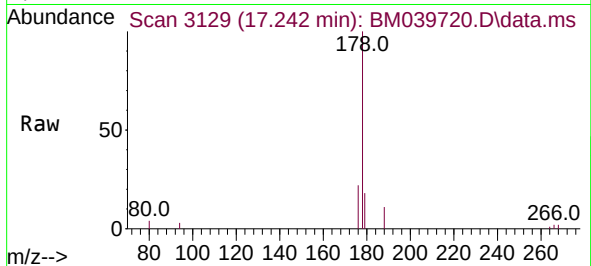
Tgt Ion:152 Resp: 690
Ion Ratio Lower Upper
152 100
151 39.6 16.0 24.0#
153 31.9 11.2 16.8#





#15
Phenanthrene
Concen: 0.129 ng/ul
RT: 17.242 min Scan# 311
Delta R.T. -0.013 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46

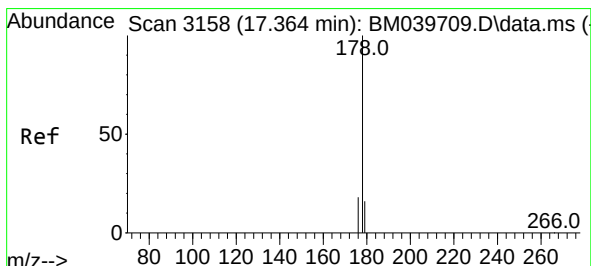
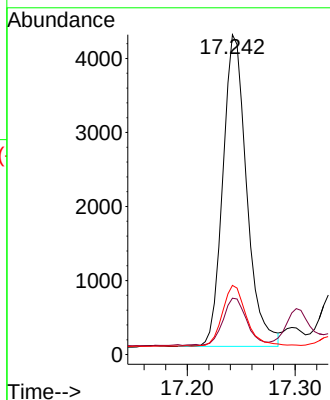
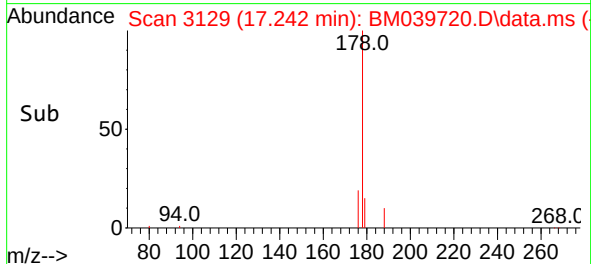
Instrument :
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ClientSampleId :
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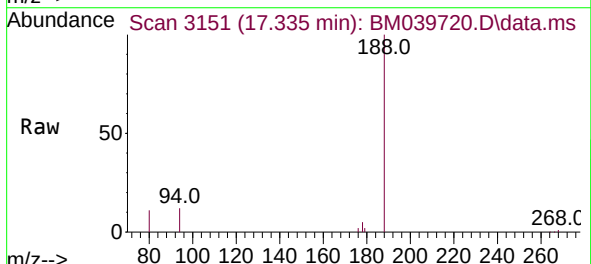
Tgt Ion:178 Resp: 6465
Ion Ratio Lower Upper
178 100
179 17.6 13.0 19.6
176 21.6 15.8 23.8

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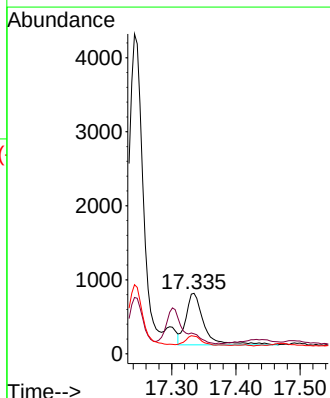
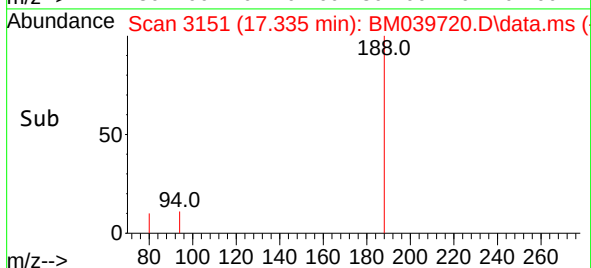
Reviewed By :Christian Giraldo 04/28/2023
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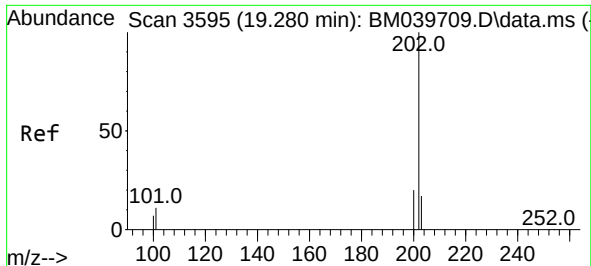


#16
Anthracene
Concen: 0.031 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46



Tgt Ion:178 Resp: 1346
Ion Ratio Lower Upper
178 100
179 33.2 13.8 20.6#
176 29.3 15.8 23.8#





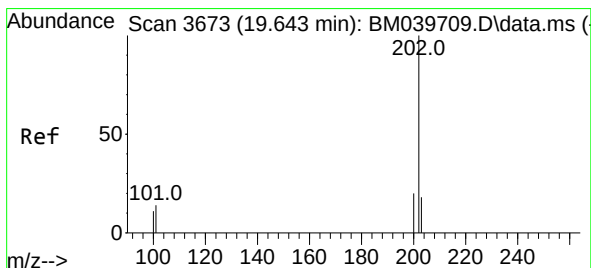
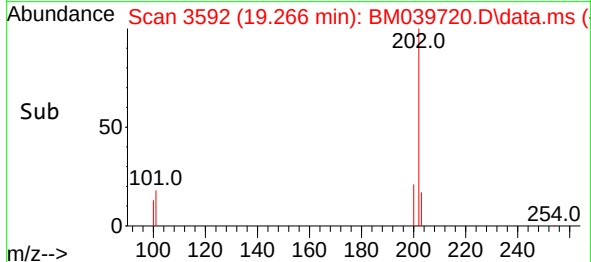
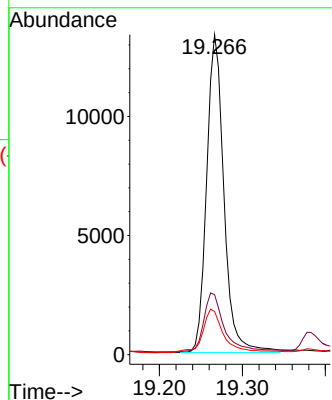
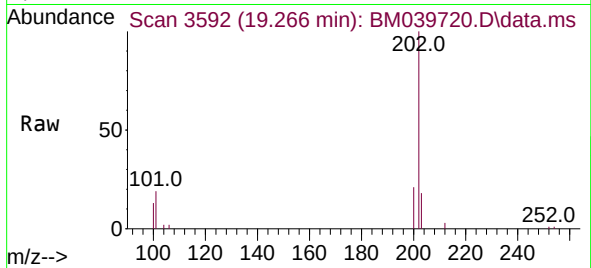
#19
Fluoranthene
Concen: 0.363 ng/ul
RT: 19.266 min Scan# 3592
Delta R.T. -0.009 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46

Instrument :
BNA_M
ClientSampleId :
EW8X6

Tgt Ion:202 Resp: 19199
Ion Ratio Lower Upper
202 100
101 18.7 9.8 14.8
100 13.5 7.3 10.9

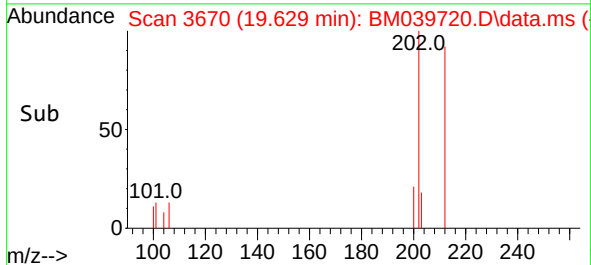
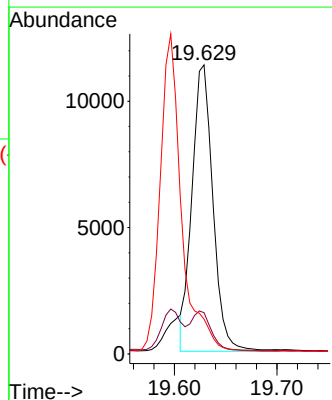
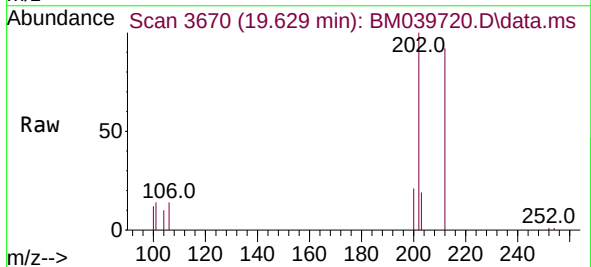
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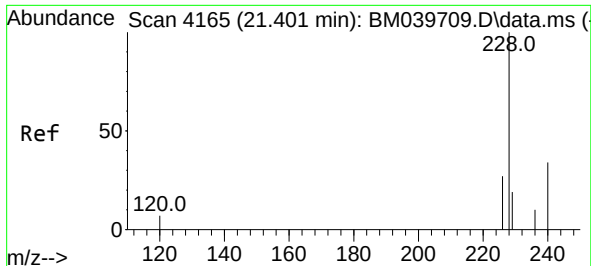
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#20
Pyrene
Concen: 0.283 ng/ul m
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46

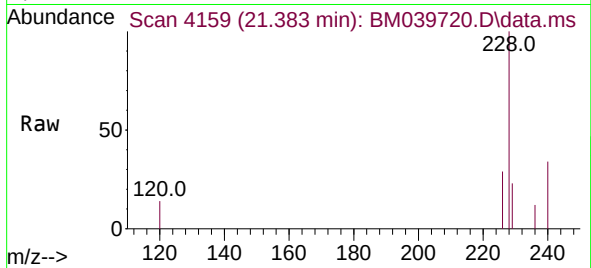
Tgt Ion:202 Resp: 16146
Ion Ratio Lower Upper
202 100
101 14.2 10.9 16.3
100 12.0 8.9 13.3





#21
Benzo(a)anthracene
Concen: 0.202 ng/ul
RT: 21.383 min Scan# 4119
Delta R.T. -0.013 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46

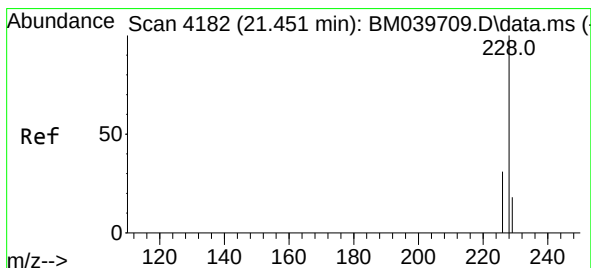
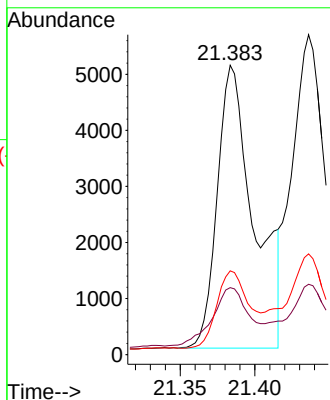
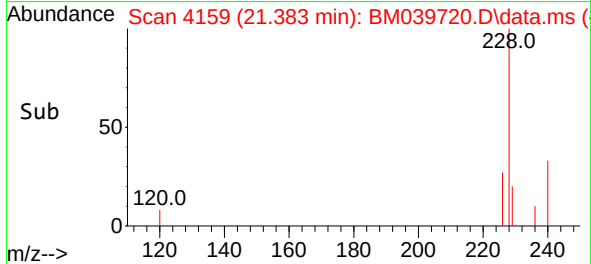
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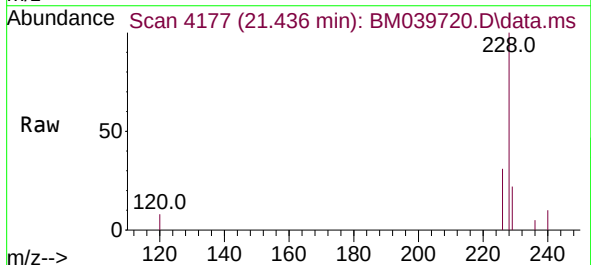
Tgt Ion:228 Resp: 8619
Ion Ratio Lower Upper
228 100
229 23.2 16.2 24.2
226 28.9 21.6 32.4

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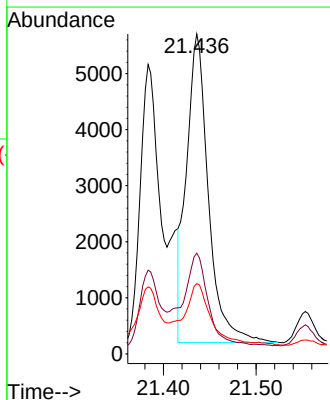
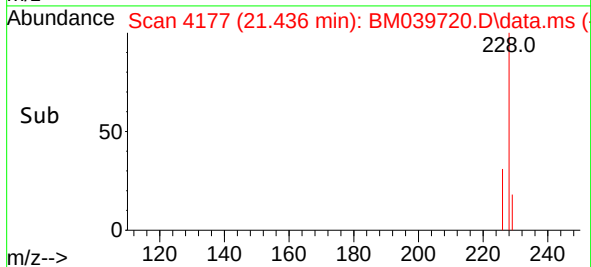
Reviewed By :Christian Giraldo 04/28/2023
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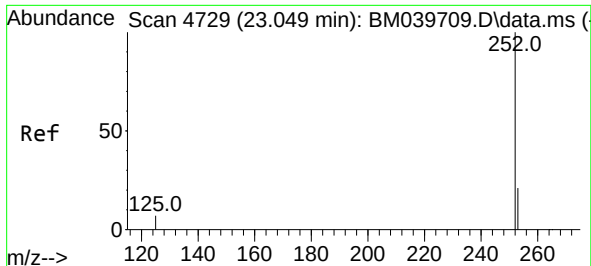


#22
Chrysene
Concen: 0.188 ng/ul
RT: 21.436 min Scan# 4177
Delta R.T. -0.010 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46



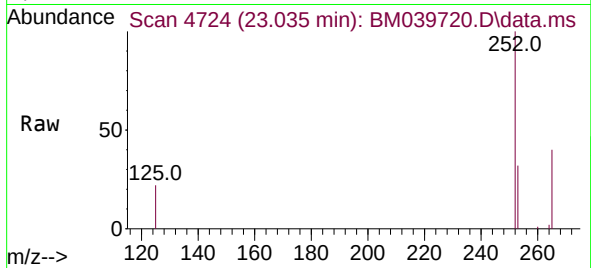
Tgt Ion:228 Resp: 9052
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 22.0 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.288 ng/ul
RT: 23.035 min Scan# 4724
Delta R.T. -0.010 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46

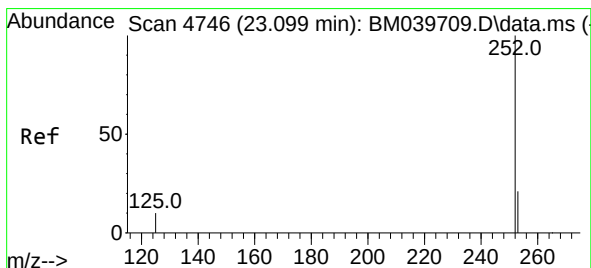
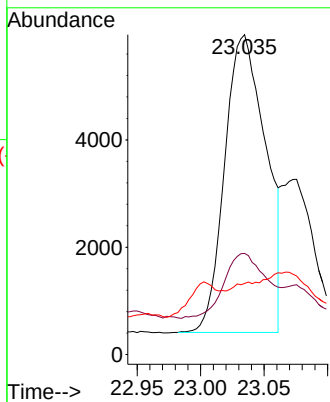
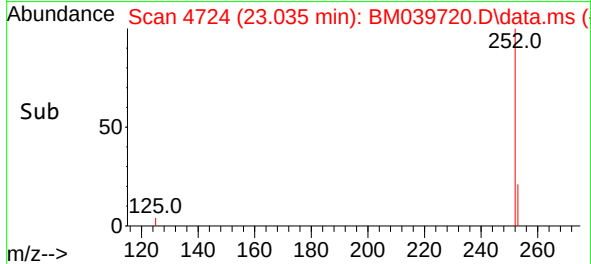
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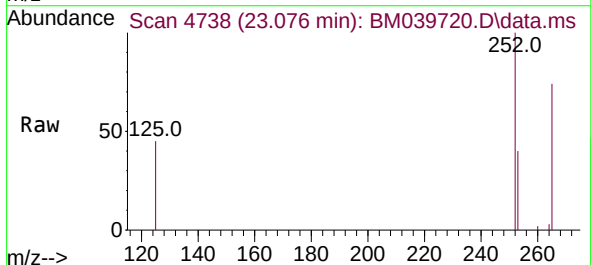
Tgt Ion:252 Resp: 12476
Ion Ratio Lower Upper
252 100
253 31.6 0.0 52.8
125 22.2 0.0 31.6

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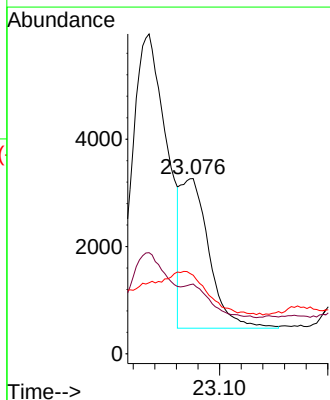
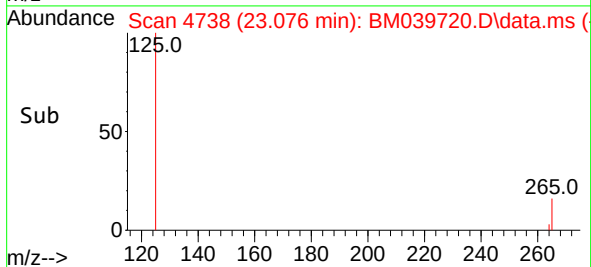
Reviewed By :Christian Giraldo 04/28/2023
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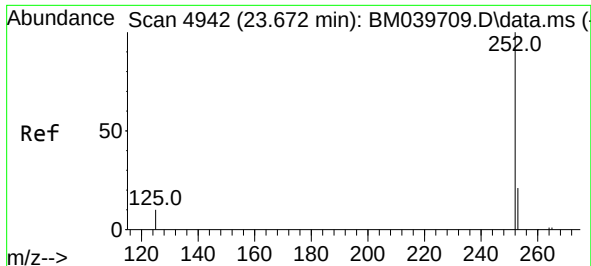


#25
Benzo(k)fluoranthene
Concen: 0.116 ng/ul m
RT: 23.076 min Scan# 4738
Delta R.T. -0.019 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46



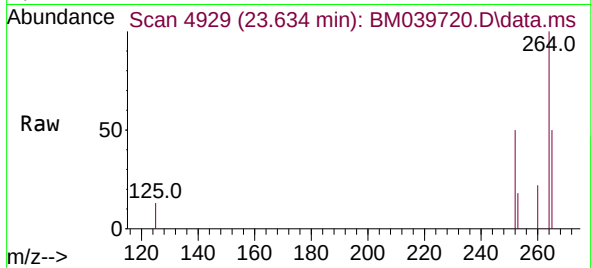
Tgt Ion:252 Resp: 5102
Ion Ratio Lower Upper
252 100
253 39.9 21.3 31.9#
125 44.8 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 0.181 ng/ul
RT: 23.634 min Scan# 4942
Delta R.T. -0.031 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46

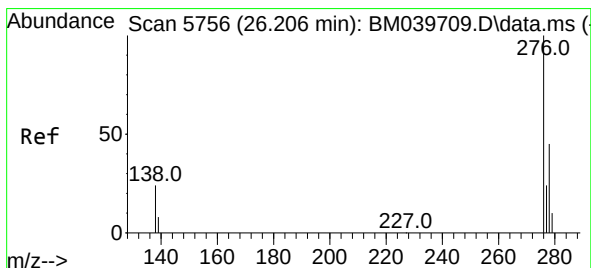
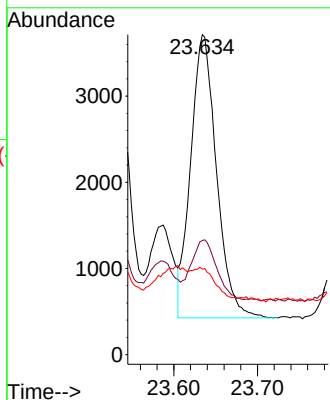
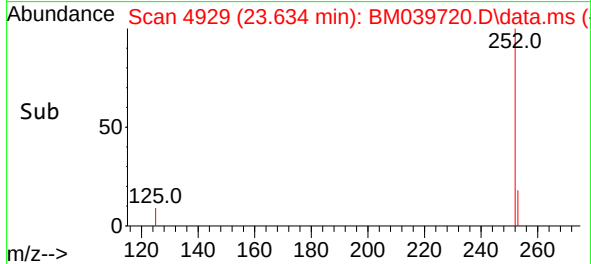
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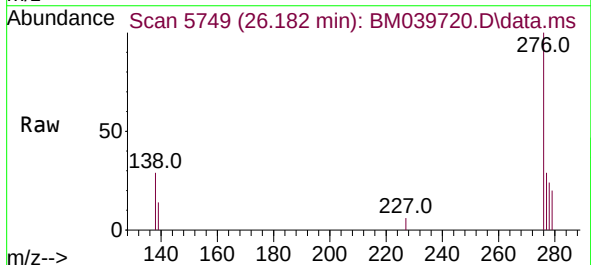
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Ion Ratio Lower Upper
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253 35.6 24.7 37.1
125 26.7 16.5 24.7

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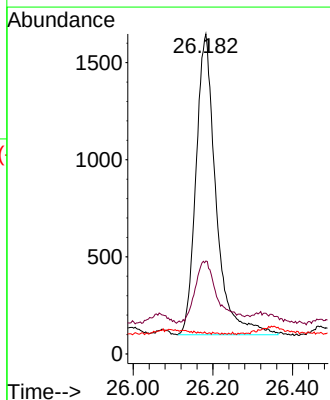
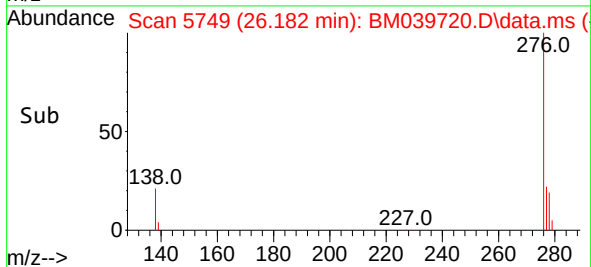
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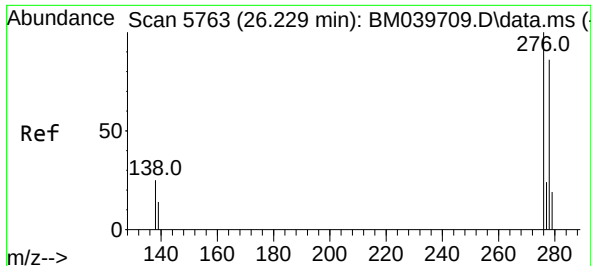


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng/ul
RT: 26.182 min Scan# 5749
Delta R.T. -0.018 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46



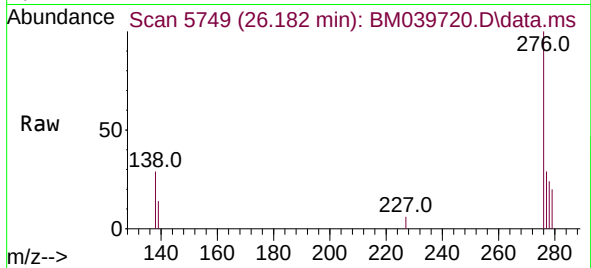
Tgt Ion:276 Resp: 5376
Ion Ratio Lower Upper
276 100
138 23.3 21.1 31.7
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 26.182 min Scan# 51
Delta R.T. -0.035 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46

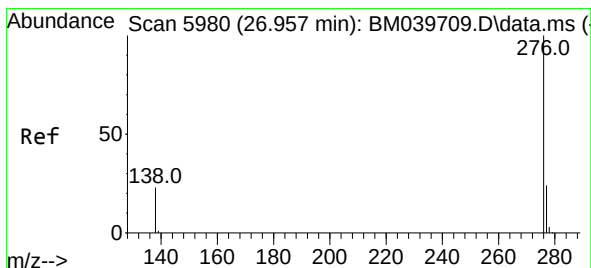
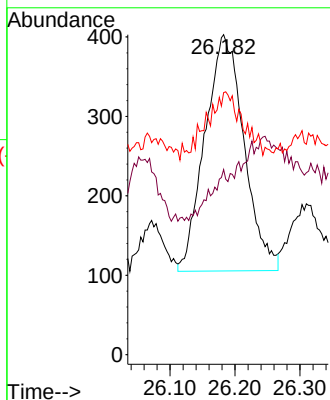
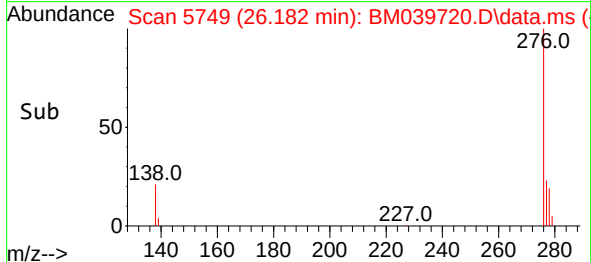
Instrument :
BNA_M
ClientSampleId :
EW8X6



Tgt Ion: 278 Resp: 1240
Ion Ratio Lower Upper
278 100
139 57.8 17.0 25.6
279 81.9 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: 0.114 ng/ul
RT: 26.927 min Scan# 5971
Delta R.T. -0.022 min
Lab File: BM039720.D
Acq: 27 Apr 2023 23:46

Tgt Ion: 276 Resp: 4884
Ion Ratio Lower Upper
276 100
138 32.9 20.1 30.1
277 30.1 20.1 30.1

