

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039721.D
 Acq On : 28 Apr 2023 00:22
 Operator : CG/JU
 Sample : 02417-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X7

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 02:35:51 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	3432	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.601	136	12921	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	7610	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	16796	0.400	ng/ul	-0.01
17) Chrysene-d12	21.398	240	14184	0.400	ng/ul	-0.01
23) Perylene-d12	23.745	264	12697	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	15421	3.049	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	3685	0.222	ng/ul	-0.01
18) Fluoranthene-d10	19.239	212	9841	0.258	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.650	128	1008	0.031	ng/ul#	72
7) 2-Methylnaphthalene	12.283	142	641	0.034	ng/ul	87
8) 1-Methylnaphthalene	12.498	142	517	0.026	ng/ul	99
10) Acenaphthylene	14.168	152	867	0.029	ng/ul#	67
15) Phenanthrene	17.242	178	8988	0.203	ng/ul	98
16) Anthracene	17.335	178	1405	0.037	ng/ul#	76
19) Fluoranthene	19.266	202	23324	0.461	ng/ul#	79
20) Pyrene	19.629	202	19422m	0.355	ng/ul	
21) Benzo(a)anthracene	21.383	228	10114	0.248	ng/ul	95
22) Chrysene	21.436	228	10767	0.233	ng/ul	97
24) Benzo(b)fluoranthene	23.032	252	15526	0.348	ng/ul	90
25) Benzo(k)fluoranthene	23.073	252	5664m	0.125	ng/ul	
26) Benzo(a)pyrene	23.634	252	8444	0.211	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.179	276	6292	0.124	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.185	278	1463	0.037	ng/ul#	27
29) Benzo(g,h,i)perylene	26.920	276	5087	0.115	ng/ul#	87

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

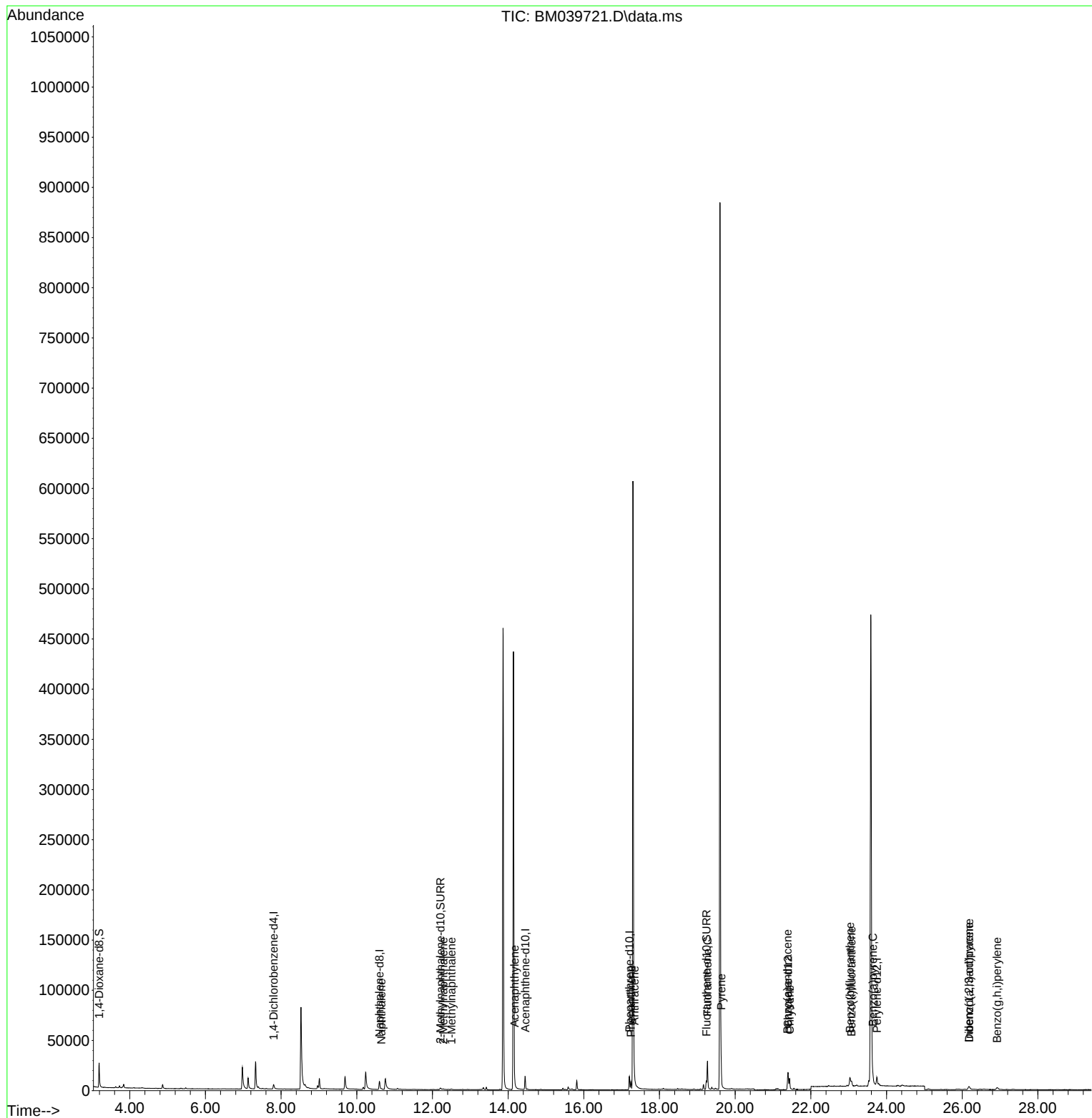
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039721.D
Acq On : 28 Apr 2023 00:22
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Sample : 02417-11
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ALS Vial : 23 Sample Multiplier: 1

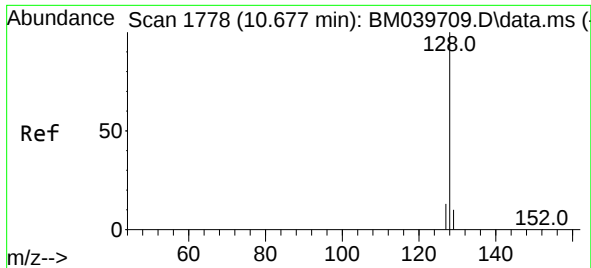
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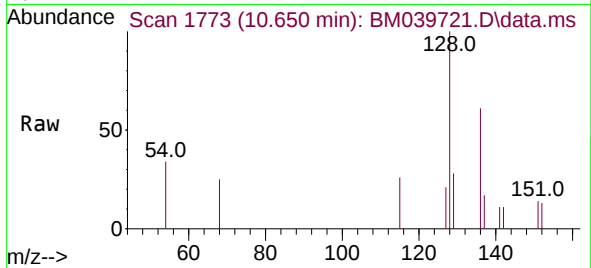
Quant Time: Apr 28 02:35:51 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.650 min Scan# 1773
Delta R.T. -0.011 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22

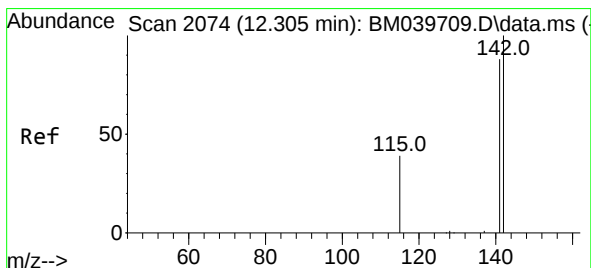
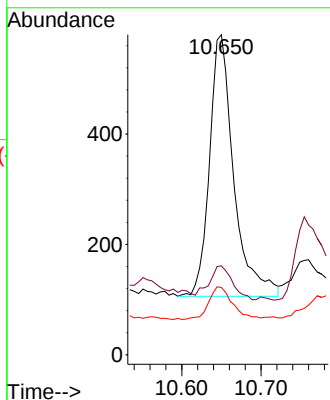
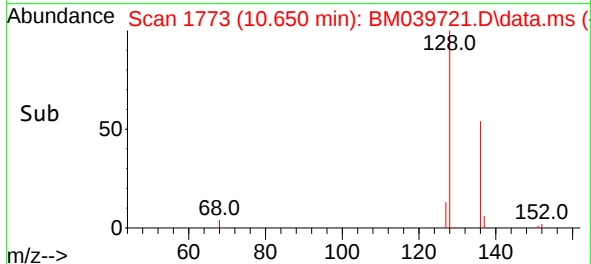
Instrument :
BNA_M
ClientSampleId :
EW8X7



Tgt Ion:128 Resp: 1000
Ion Ratio Lower Upper
128 100
129 27.8 9.8 14.6
127 21.0 11.1 16.7

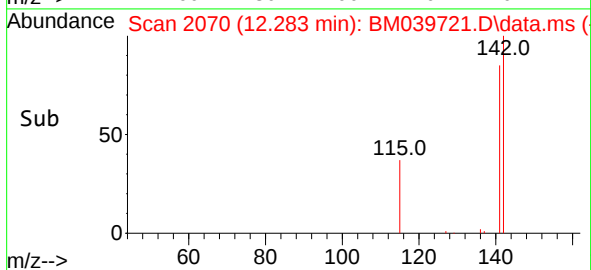
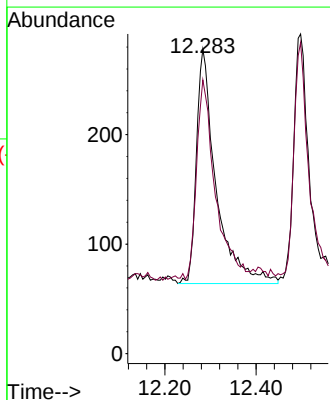
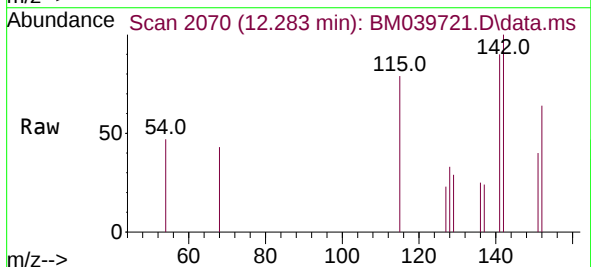
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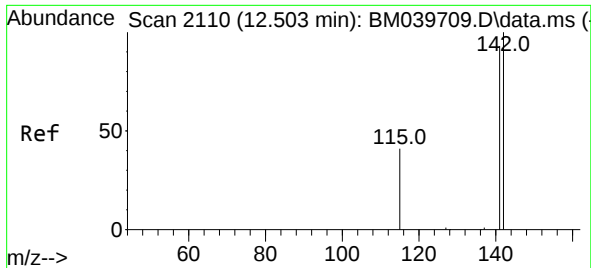
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22

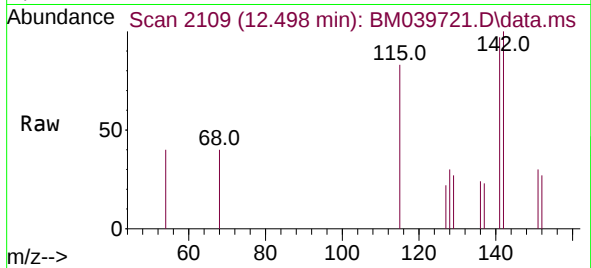
Tgt Ion:142 Resp: 641
Ion Ratio Lower Upper
142 100
141 79.6 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22

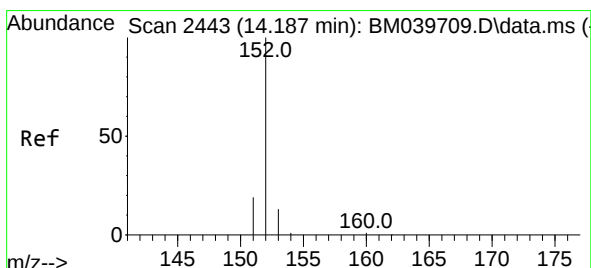
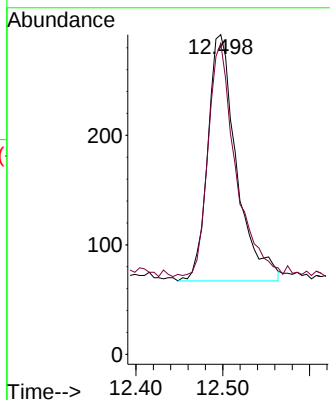
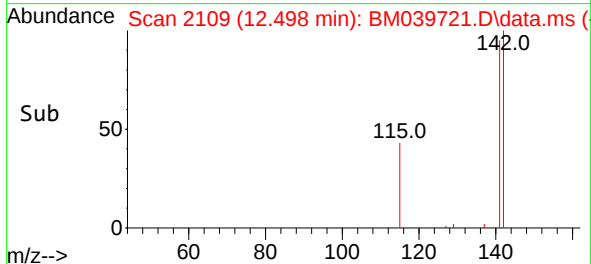
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 517
Ion Ratio Lower Upper
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141 91.3 73.4 110.2

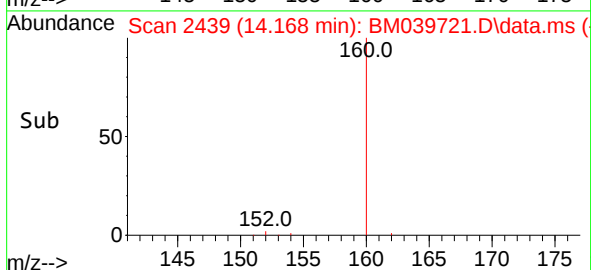
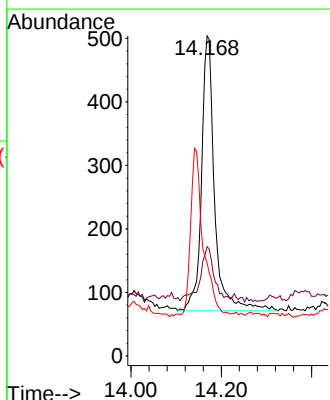
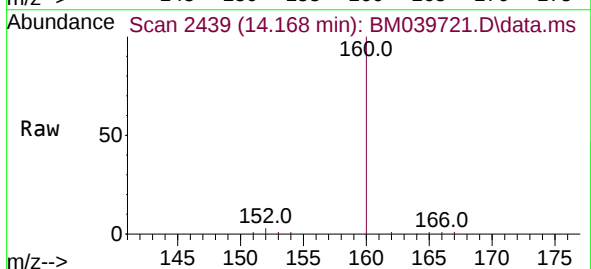
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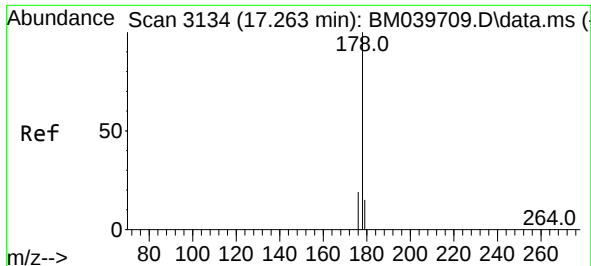
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.014 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22

Tgt Ion:152 Resp: 867
Ion Ratio Lower Upper
152 100
151 34.1 16.0 24.0#
153 29.0 11.2 16.8#





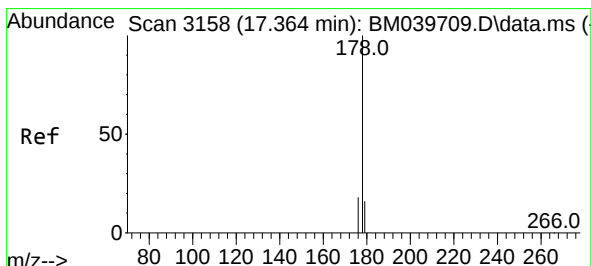
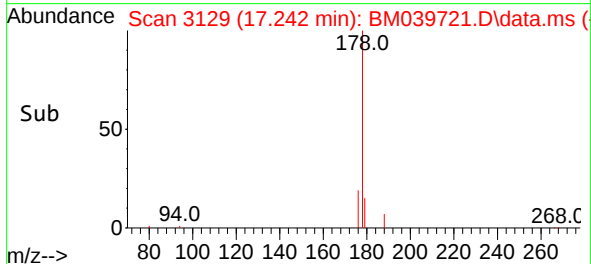
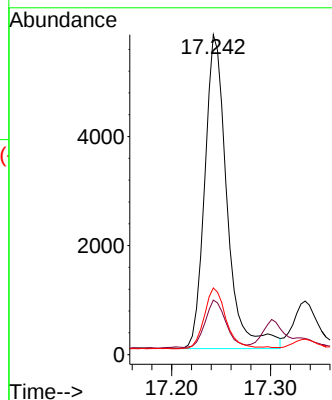
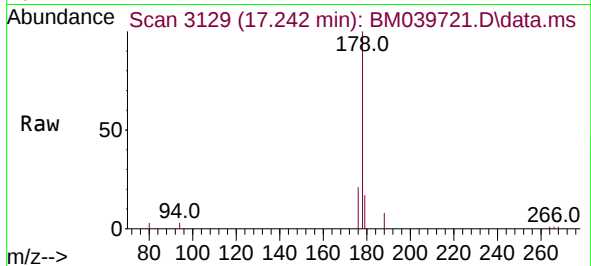
#15
Phenanthrene
Concen: 0.203 ng/ul
RT: 17.242 min Scan# 311
Delta R.T. -0.013 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22

Instrument :
BNA_M
ClientSampleId :
EW8X7

Tgt Ion:178 Resp: 8988
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.6
176 20.8 15.8 23.8

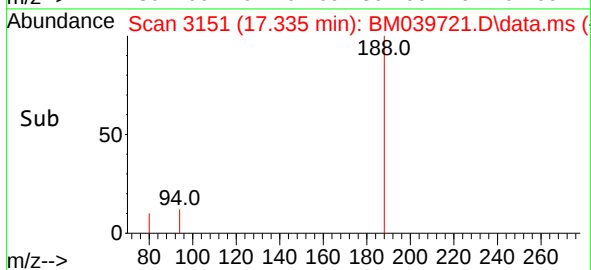
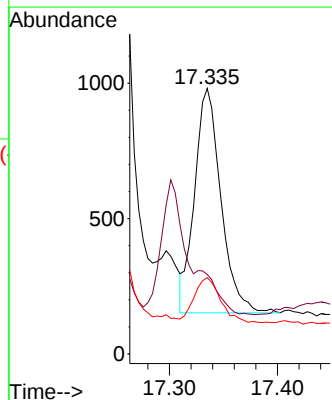
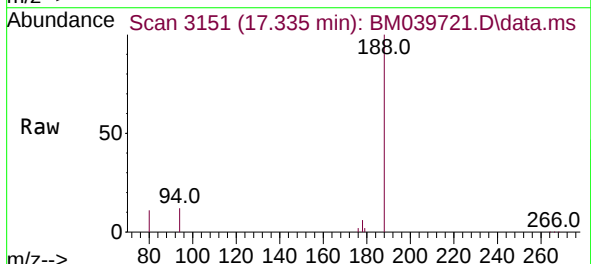
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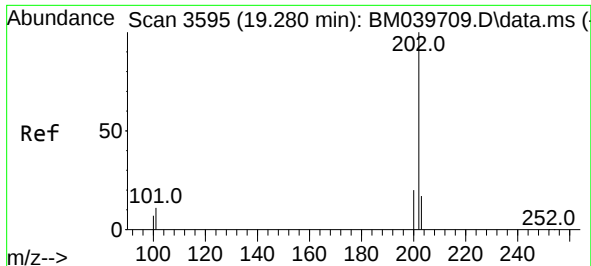
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#16
Anthracene
Concen: 0.037 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22

Tgt Ion:178 Resp: 1405
Ion Ratio Lower Upper
178 100
179 30.0 13.8 20.6#
176 28.7 15.8 23.8#





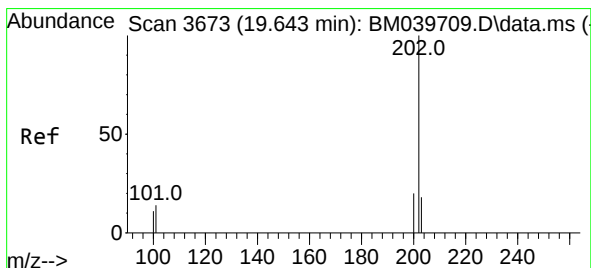
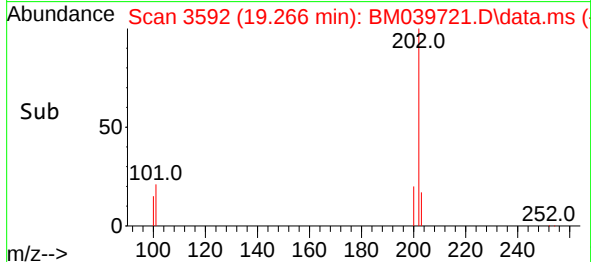
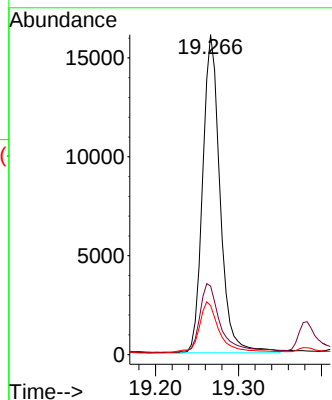
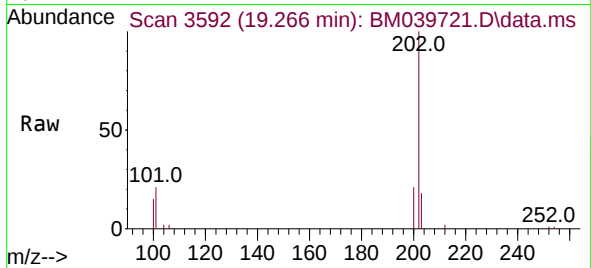
#19
Fluoranthene
Concen: 0.461 ng/ul
RT: 19.266 min Scan# 3592
Delta R.T. -0.009 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22

Instrument :
BNA_M
ClientSampleId :
EW8X7

Tgt Ion:202 Resp: 23324
Ion Ratio Lower Upper
202 100
101 21.4 9.8 14.8
100 15.3 7.3 10.9

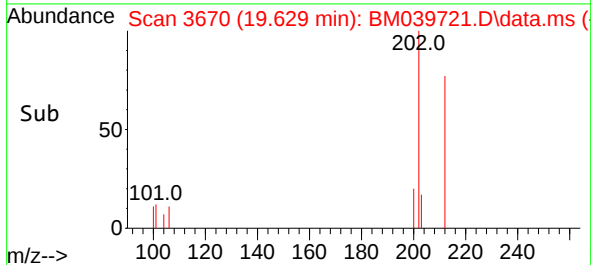
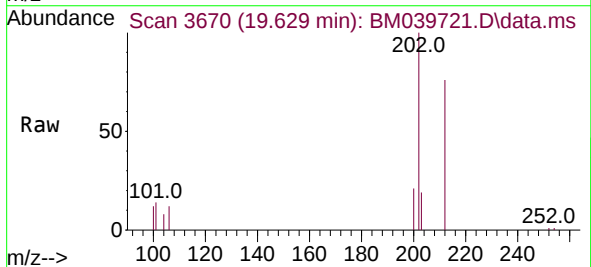
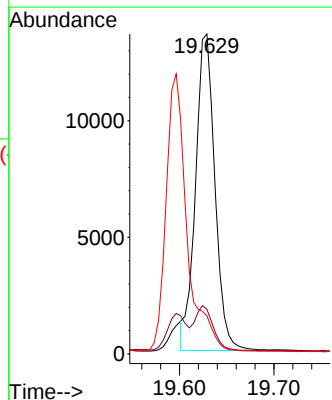
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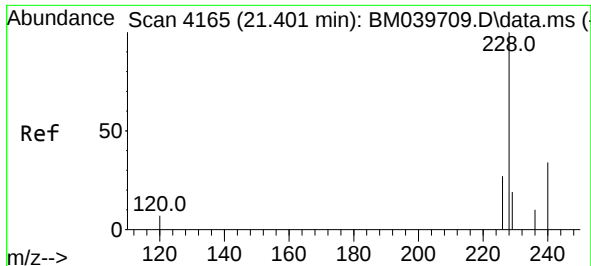
Reviewed By :Christian Giraldo 04/28/2023
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#20
Pyrene
Concen: 0.355 ng/ul m
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22

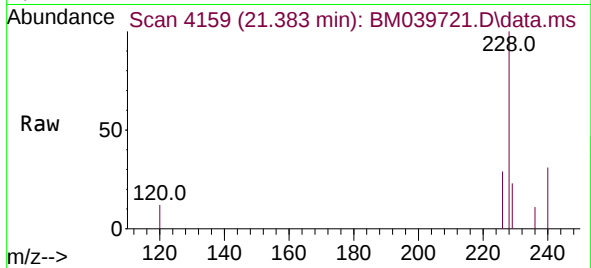
Tgt Ion:202 Resp: 19422
Ion Ratio Lower Upper
202 100
101 13.9 10.9 16.3
100 11.9 8.9 13.3





#21
Benzo(a)anthracene
Concen: 0.248 ng/ul
RT: 21.383 min Scan# 4114
Delta R.T. -0.013 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22

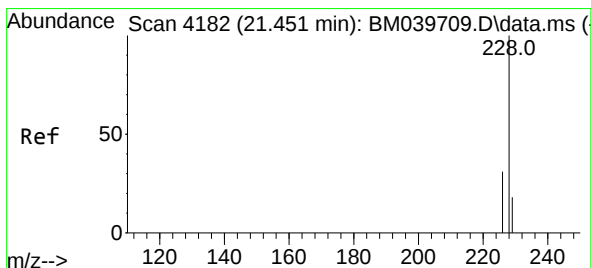
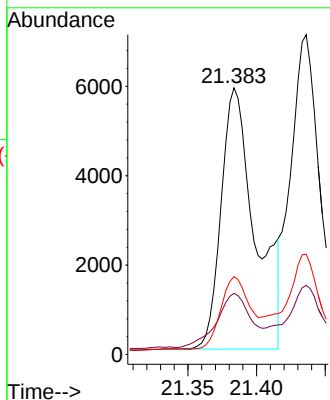
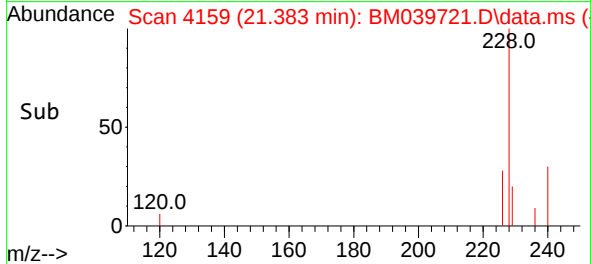
Instrument :
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EW8X7



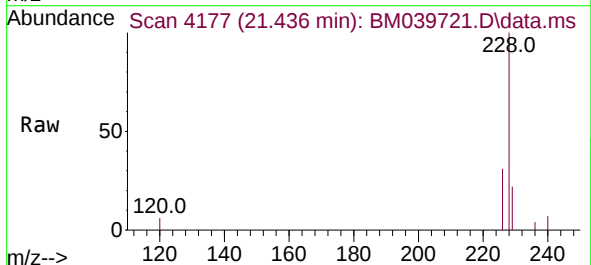
Tgt Ion:228 Resp: 10114
Ion Ratio Lower Upper
228 100
229 22.9 16.2 24.2
226 29.2 21.6 32.4

Manual Integrations
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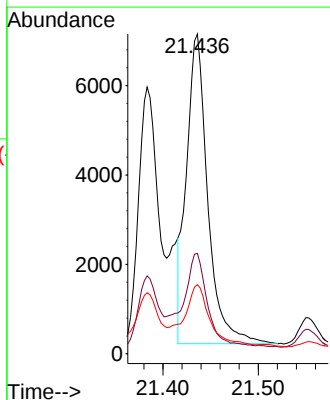
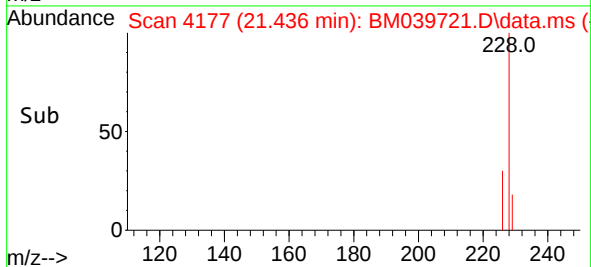
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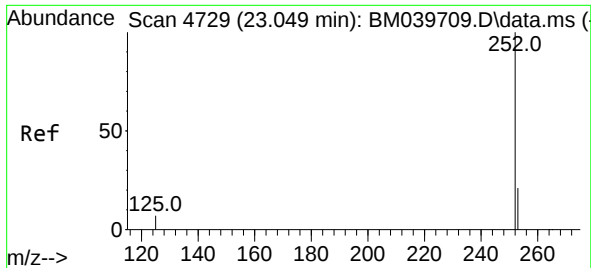


#22
Chrysene
Concen: 0.233 ng/ul
RT: 21.436 min Scan# 4177
Delta R.T. -0.010 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22



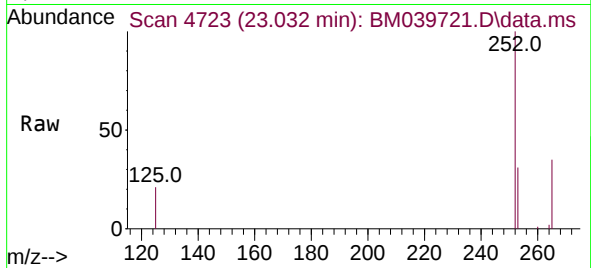
Tgt Ion:228 Resp: 10767
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 21.6 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.032 min Scan# 4723
Delta R.T. -0.013 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22

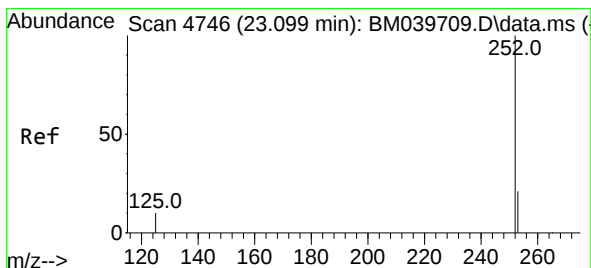
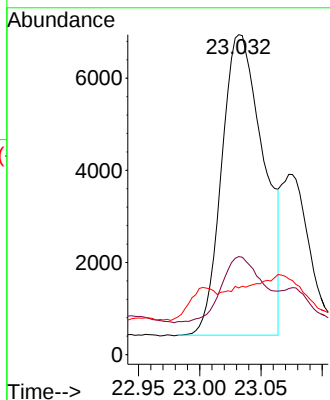
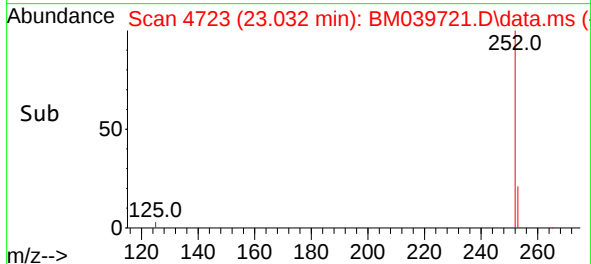
Instrument :
BNA_M
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EW8X7



Tgt Ion:252 Resp: 15526
Ion Ratio Lower Upper
252 100
253 30.7 0.0 52.8
125 20.8 0.0 31.6

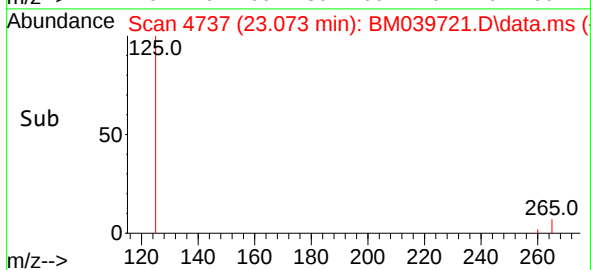
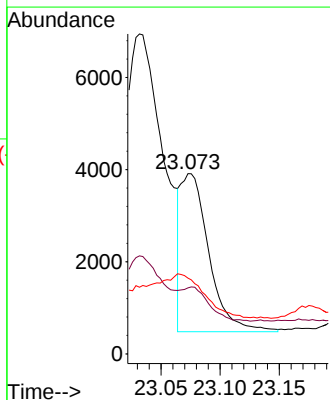
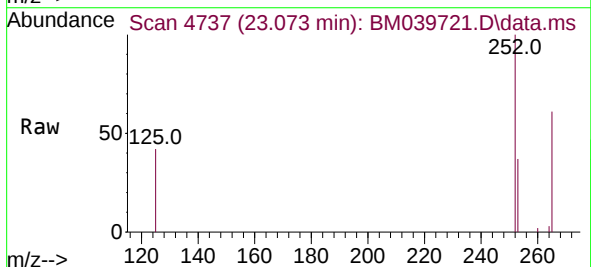
Manual Integrations
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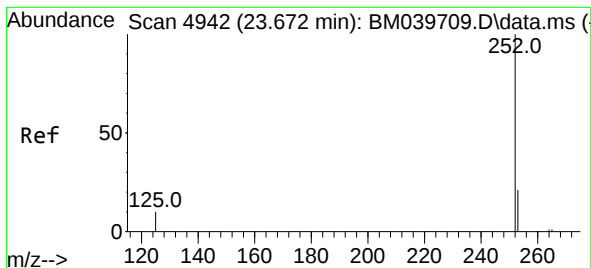
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.125 ng/ul m
RT: 23.073 min Scan# 4737
Delta R.T. -0.022 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22

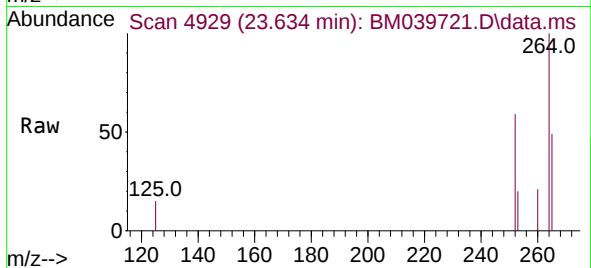
Tgt Ion:252 Resp: 5664
Ion Ratio Lower Upper
252 100
253 36.6 21.3 31.9#
125 42.0 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 0.211 ng/ul
RT: 23.634 min Scan# 4942
Delta R.T. -0.030 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22

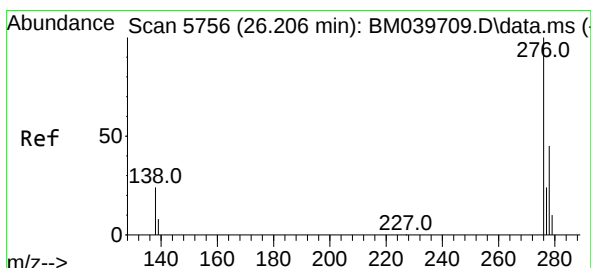
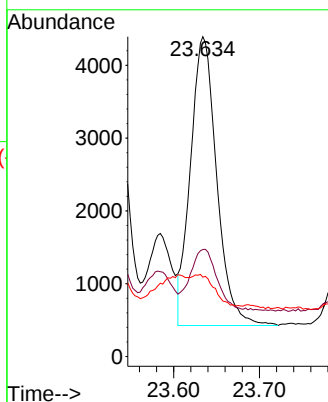
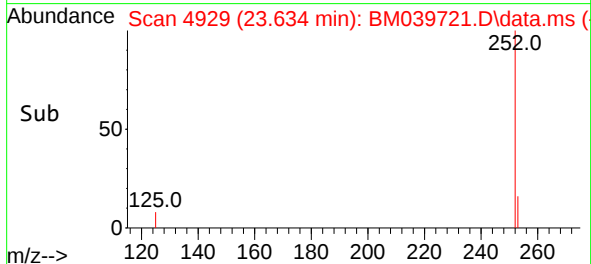
Instrument :
BNA_M
ClientSampleId :
EW8X7



Tgt Ion:252 Resp: 844
Ion Ratio Lower Upper
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125 24.8 16.5 24.7

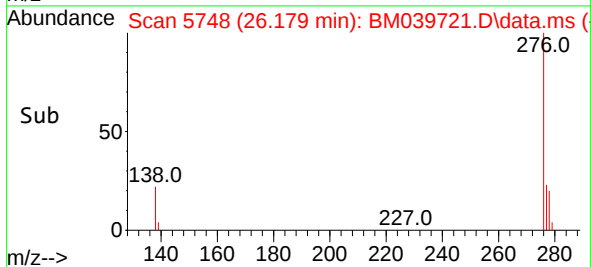
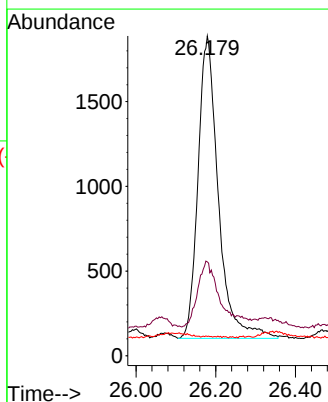
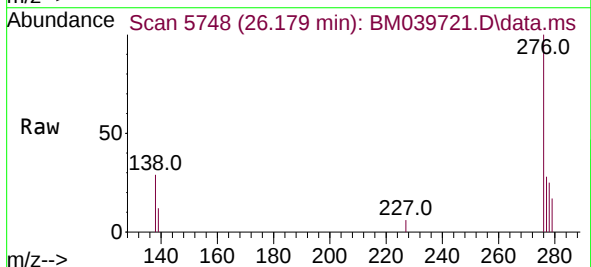
Manual Integrations
APPROVED

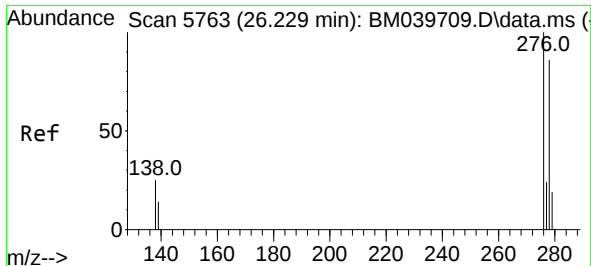
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.124 ng/ul
RT: 26.179 min Scan# 5748
Delta R.T. -0.022 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22

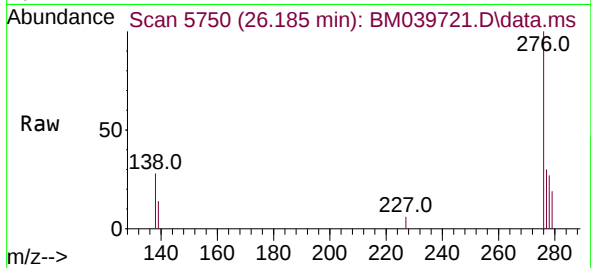
Tgt Ion:276 Resp: 6292
Ion Ratio Lower Upper
276 100
138 24.9 21.1 31.7
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 26.185 min Scan# 51
Delta R.T. -0.032 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22

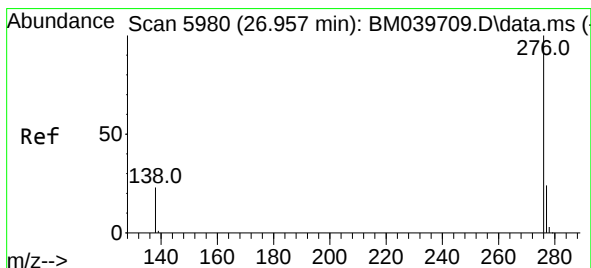
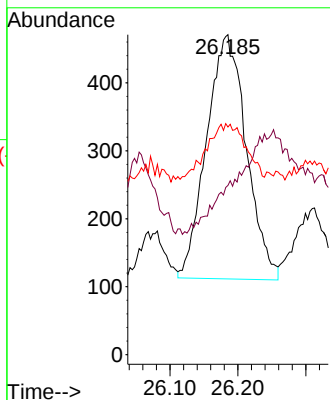
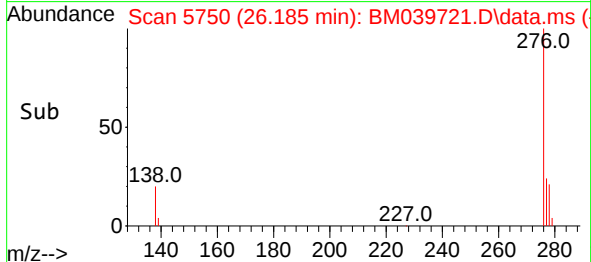
Instrument :
BNA_M
ClientSampleId :
EW8X7



Tgt Ion:278 Resp: 1463
Ion Ratio Lower Upper
278 100
139 52.9 17.0 25.6
279 71.1 23.4 35.2

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.115 ng/ul
RT: 26.920 min Scan# 5969
Delta R.T. -0.029 min
Lab File: BM039721.D
Acq: 28 Apr 2023 00:22

Tgt Ion:276 Resp: 5087
Ion Ratio Lower Upper
276 100
138 32.0 20.1 30.1#
277 31.3 20.1 30.1#

