

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039741.D
 Acq On : 28 Apr 2023 18:07
 Operator : CG/JU
 Sample : 02417-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/01/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: Apr 29 02:25:18 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	7.796	152	4097	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	15711	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	9225	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	20402	0.400	ng/ul	-0.02
17) Chrysene-d12	21.401	240	17183	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	14625	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	14241	2.359	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	3726	0.185	ng/ul	-0.01
18) Fluoranthene-d10	19.234	212	9250	0.200	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.242	178	2111	0.039	ng/ul#	86
19) Fluoranthene	19.266	202	7834	0.128	ng/ul	96
20) Pyrene	19.624	202	6202m	0.094	ng/ul	
21) Benzo(a)anthracene	21.383	228	4206	0.085	ng/ul#	84
22) Chrysene	21.436	228	3530	0.063	ng/ul#	83
24) Benzo(b)fluoranthene	23.032	252	5292	0.103	ng/ul#	50
25) Benzo(k)fluoranthene	23.076	252	2029m	0.039	ng/ul	
26) Benzo(a)pyrene	23.637	252	2737	0.059	ng/ul#	37
27) Indeno(1,2,3-cd)pyrene	26.179	276	2257	0.039	ng/ul#	96
29) Benzo(g,h,i)perylene	26.923	276	1941	0.038	ng/ul#	55

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

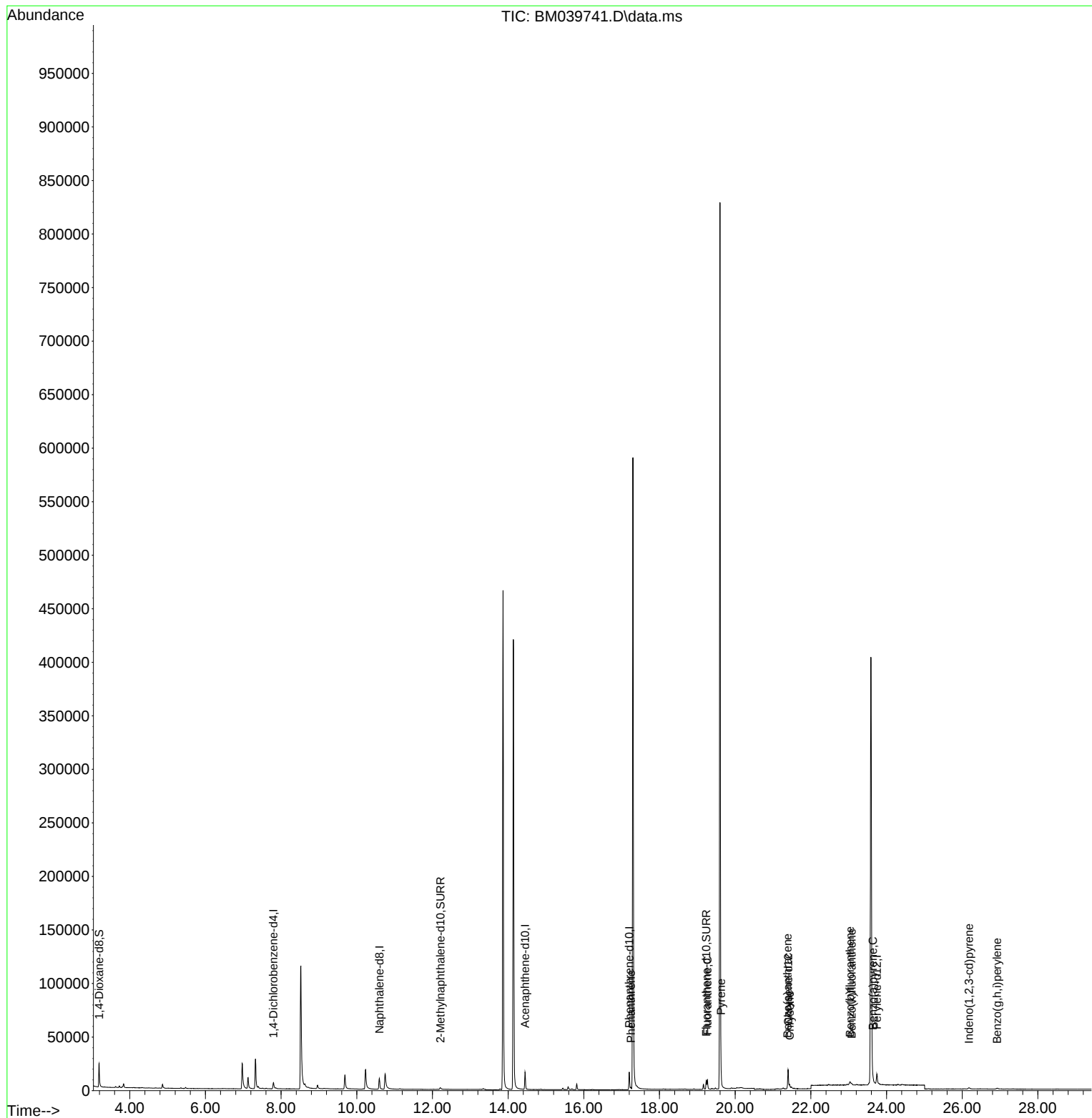
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
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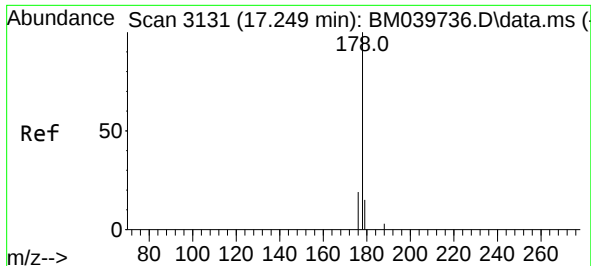
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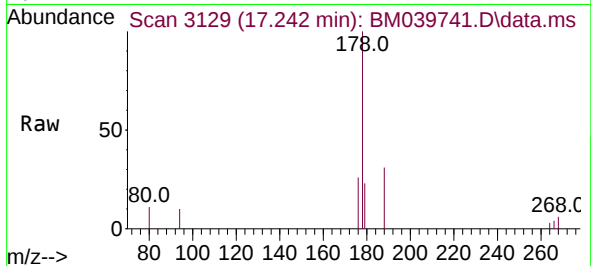
Quant Time: Apr 29 02:25:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
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#15
Phenanthrene
Concen: 0.039 ng/ul
RT: 17.242 min Scan# 3131
Delta R.T. -0.013 min
Lab File: BM039741.D
Acq: 28 Apr 2023 18:07

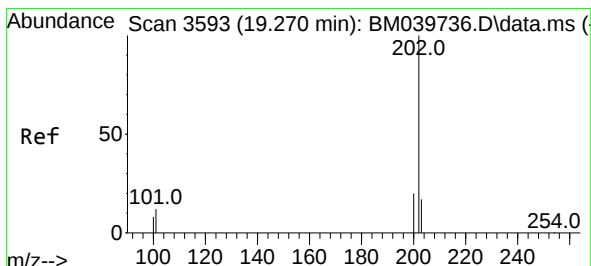
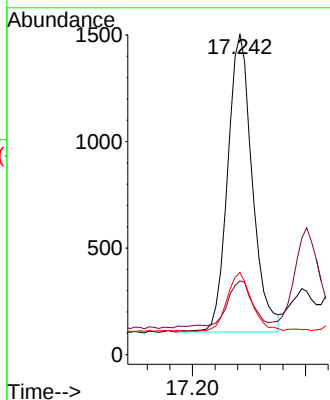
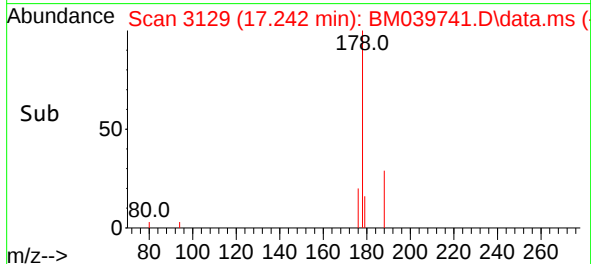
Instrument :
BNA_M
ClientSampleId :
EW8X2



Tgt Ion:178 Resp: 2111
Ion Ratio Lower Upper
178 100
179 23.0 13.0 19.6
176 25.7 15.8 23.8

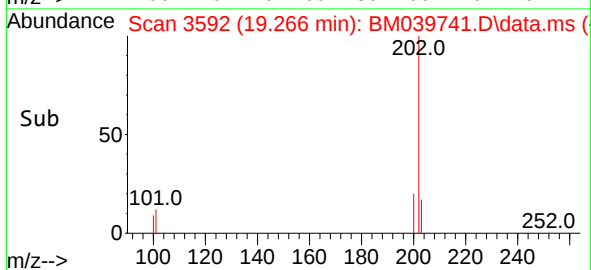
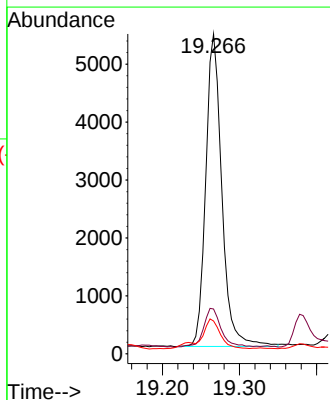
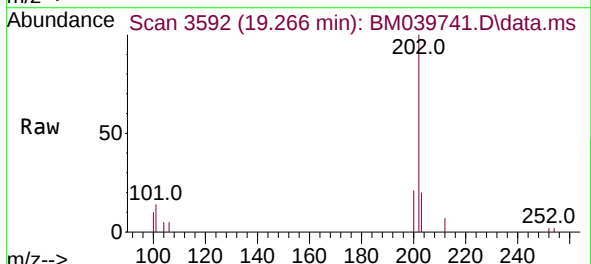
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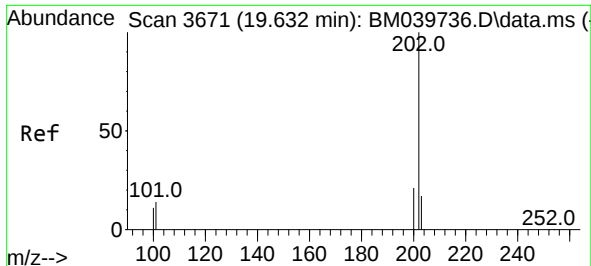
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#19
Fluoranthene
Concen: 0.128 ng/ul
RT: 19.266 min Scan# 3592
Delta R.T. -0.009 min
Lab File: BM039741.D
Acq: 28 Apr 2023 18:07

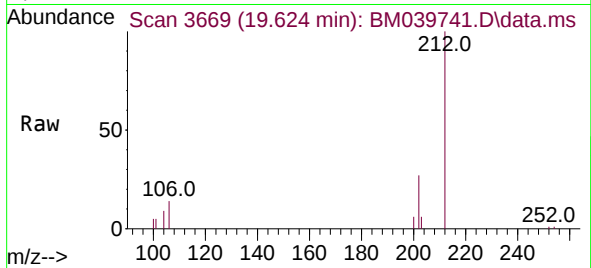
Tgt Ion:202 Resp: 7834
Ion Ratio Lower Upper
202 100
101 14.0 9.8 14.8
100 10.2 7.3 10.9





#20
Pyrene
Concen: 0.094 ng/ul m
RT: 19.624 min Scan# 3669
Delta R.T. -0.019 min
Lab File: BM039741.D
Acq: 28 Apr 2023 18:07

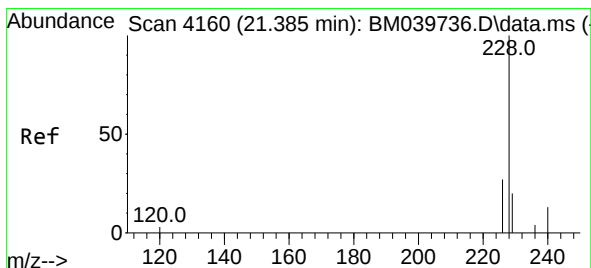
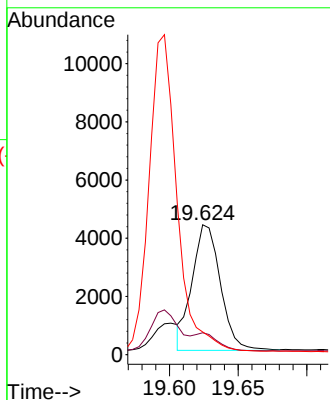
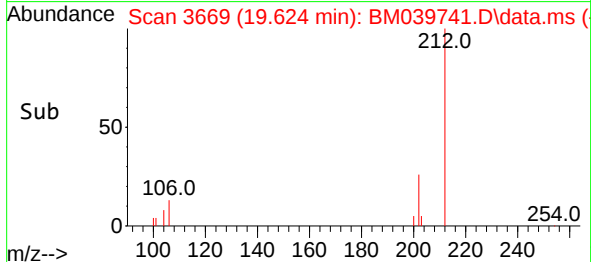
Instrument :
BNA_M
ClientSampleId :
EW8X2



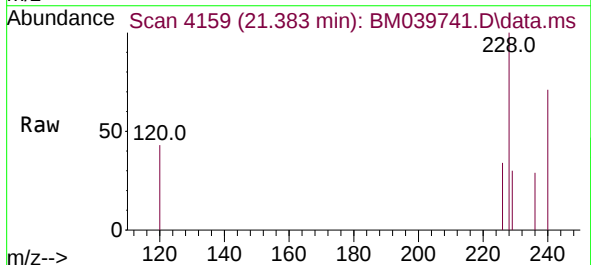
Tgt Ion:202 Resp: 6202
Ion Ratio Lower Upper
202 100
101 16.8 10.9 16.3#
100 17.4 8.9 13.3#

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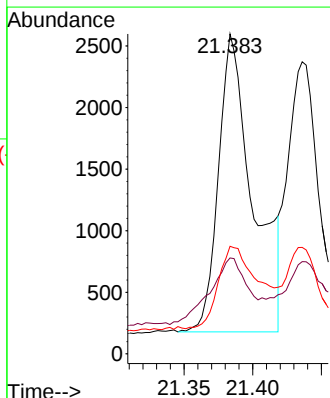
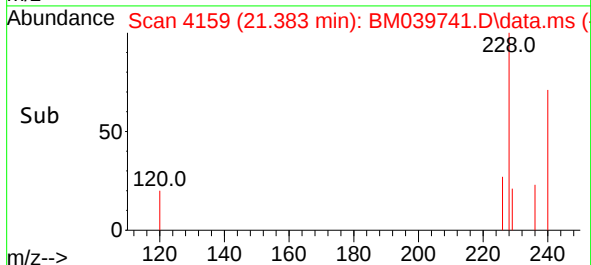
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

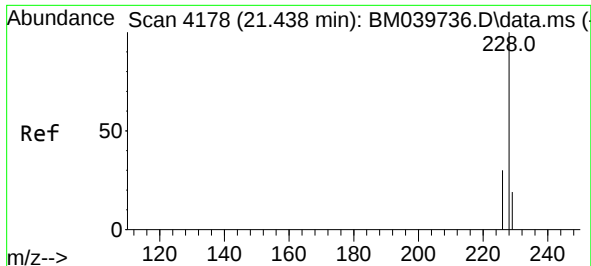


#21
Benzo(a)anthracene
Concen: 0.085 ng/ul
RT: 21.383 min Scan# 4159
Delta R.T. -0.013 min
Lab File: BM039741.D
Acq: 28 Apr 2023 18:07



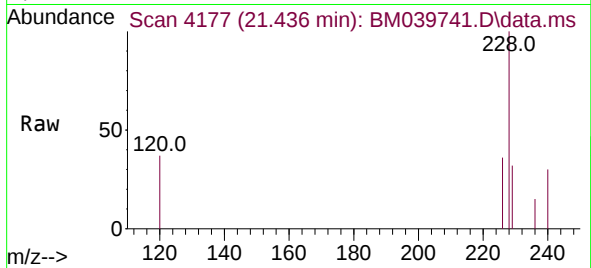
Tgt Ion:228 Resp: 4206
Ion Ratio Lower Upper
228 100
229 30.0 16.2 24.2#
226 33.6 21.6 32.4#





#22
Chrysene
Concen: 0.063 ng/ul
RT: 21.436 min Scan# 4178
Delta R.T. -0.010 min
Lab File: BM039741.D
Acq: 28 Apr 2023 18:07

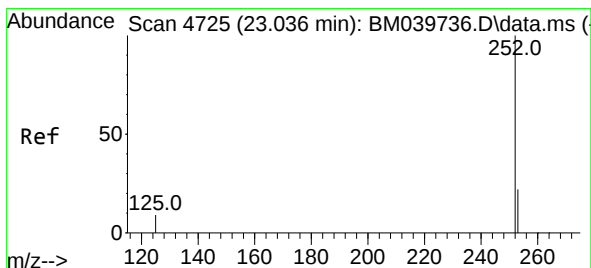
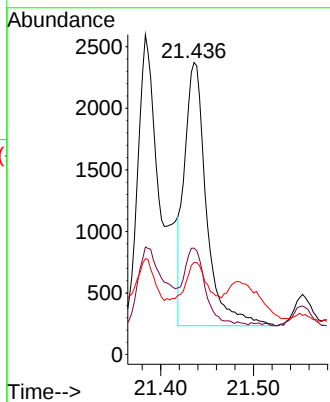
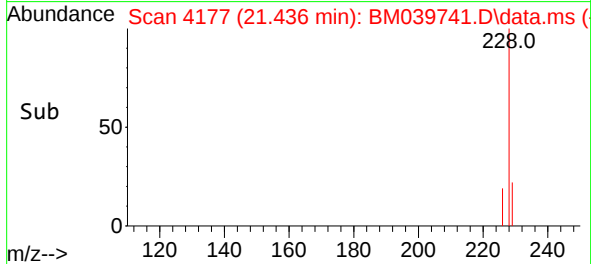
Instrument :
BNA_M
ClientSampleId :
EW8X2



Tgt Ion:228 Resp: 3530
Ion Ratio Lower Upper
228 100
226 36.5 24.3 36.5
229 31.6 15.9 23.9

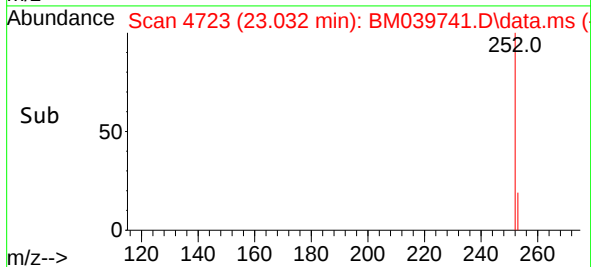
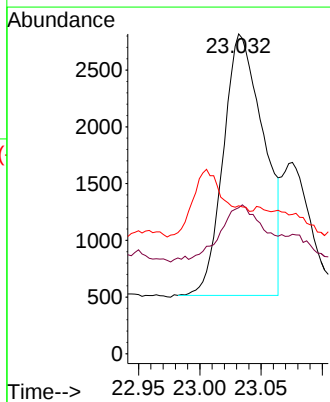
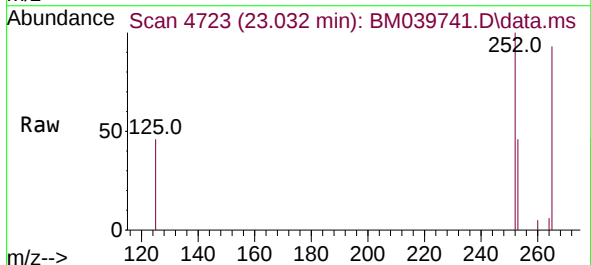
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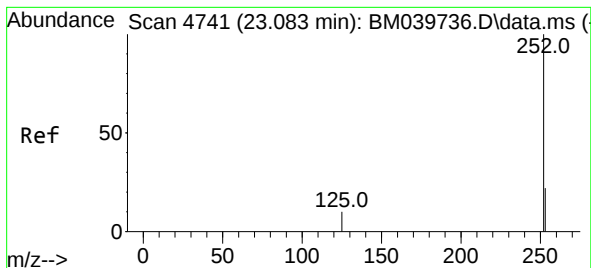
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#24
Benzo(b)fluoranthene
Concen: 0.103 ng/ul
RT: 23.032 min Scan# 4723
Delta R.T. -0.013 min
Lab File: BM039741.D
Acq: 28 Apr 2023 18:07

Tgt Ion:252 Resp: 5292
Ion Ratio Lower Upper
252 100
253 45.7 0.0 52.8
125 46.3 0.0 31.6





#25

Benzo(k)fluoranthene

Concen: 0.039 ng/ul m

RT: 23.076 min Scan# 4738

Delta R.T. -0.019 min

Lab File: BM039741.D

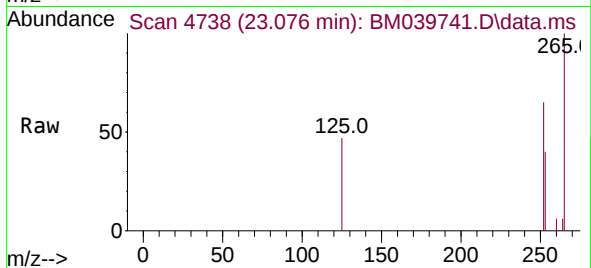
Acq: 28 Apr 2023 18:07

Instrument :

BNM

ClientSampleId :

EW8X2

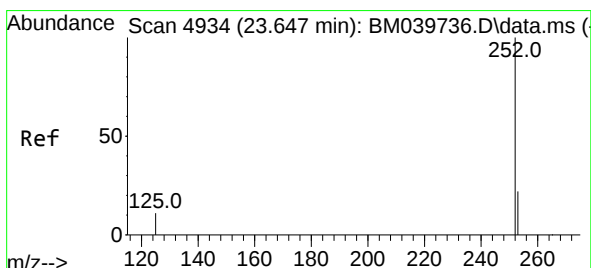
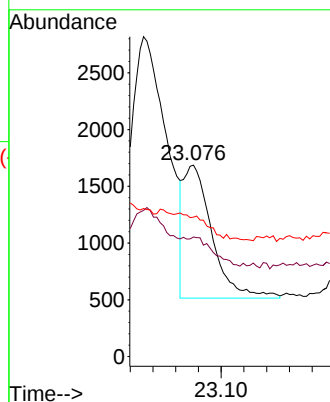
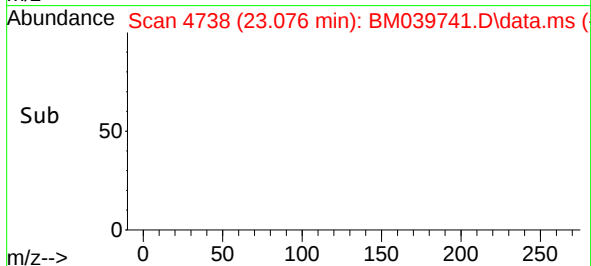


Tgt Ion:	252	Resp:	2029
Ion Ratio	Lower	Upper	
252	100		
253	62.5	21.3	31.9#
125	72.8	13.0	19.6#

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/01/2023



#26

Benzo(a)pyrene

Concen: 0.059 ng/ul

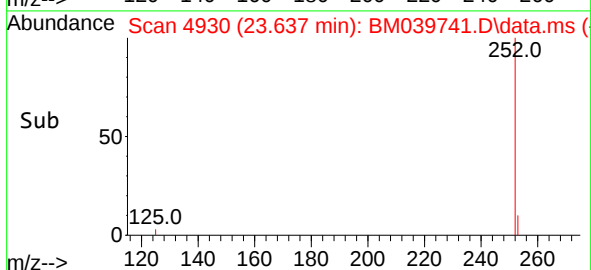
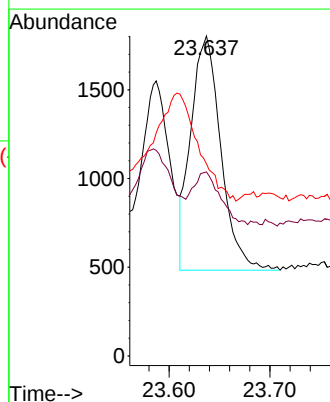
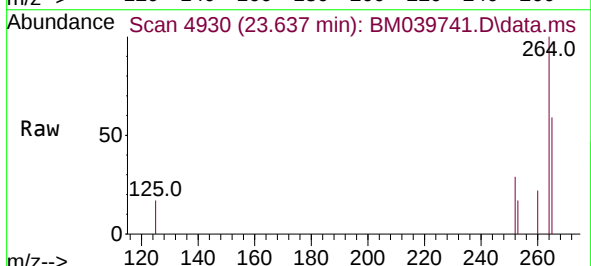
RT: 23.637 min Scan# 4930

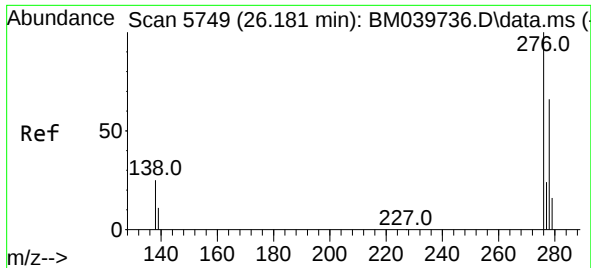
Delta R.T. -0.028 min

Lab File: BM039741.D

Acq: 28 Apr 2023 18:07

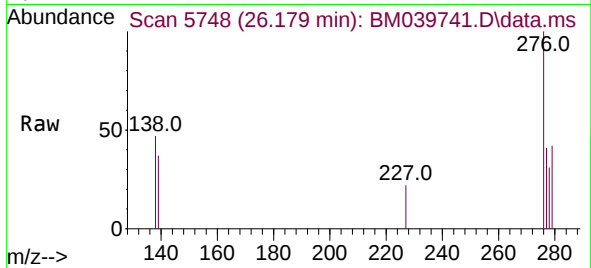
Tgt Ion:	252	Resp:	2737
Ion Ratio	Lower	Upper	
252	100		
253	57.5	24.7	37.1#
125	60.0	16.5	24.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.039 ng/ul
RT: 26.179 min Scan# 51
Delta R.T. -0.022 min
Lab File: BM039741.D
Acq: 28 Apr 2023 18:07

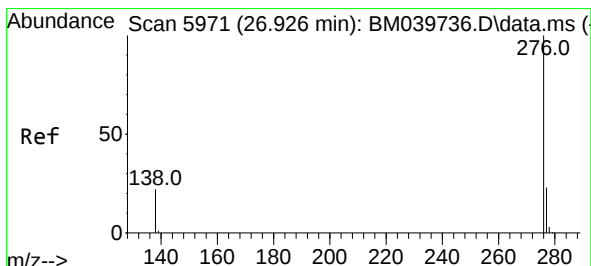
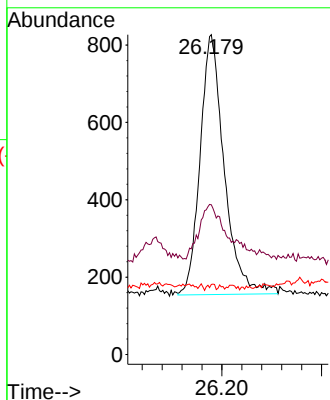
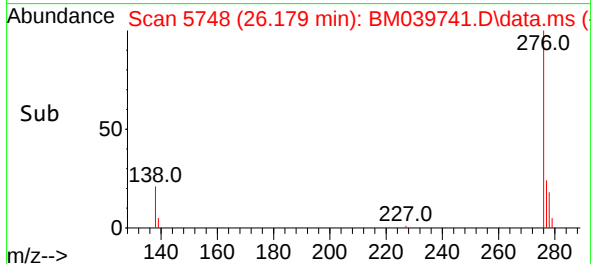
Instrument :
BNA_M
ClientSampleId :
EW8X2



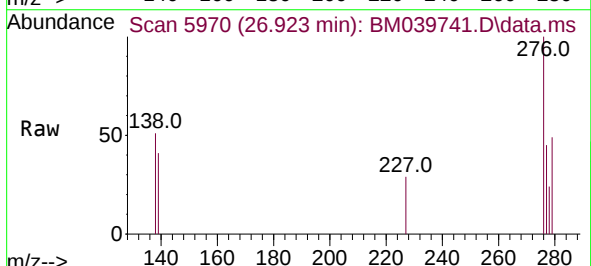
Tgt Ion:276 Resp: 225
Ion Ratio Lower Upper
276 100
138 24.4 21.1 31.7
227 0.7 0.1 0.1

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Supervised By :Jagrut Upadhyay 05/01/2023



#29
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul
RT: 26.923 min Scan# 5970
Delta R.T. -0.026 min
Lab File: BM039741.D
Acq: 28 Apr 2023 18:07



Tgt Ion:276 Resp: 1941
Ion Ratio Lower Upper
276 100
138 51.3 20.1 30.1#
277 44.6 20.1 30.1#

