

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039744.D
 Acq On : 28 Apr 2023 19:55
 Operator : CG/JU
 Sample : 02417-19
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y5

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 02:25:42 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	7.796	152	3873	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	14824	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	8860	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	19673	0.400	ng/ul	-0.02
17) Chrysene-d12	21.402	240	12554	0.400	ng/ul	0.00
23) Perylene-d12	23.746	264	10682	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	13193	2.311	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	3463	0.182	ng/ul	-0.02
18) Fluoranthene-d10	19.234	212	9571	0.283	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	2756	0.074	ng/ul#	92
15) Phenanthrene	17.242	178	4188	0.081	ng/ul#	89
16) Anthracene	17.331	178	1619	0.036	ng/ul#	68
19) Fluoranthene	19.267	202	5905	0.132	ng/ul#	91
20) Pyrene	19.629	202	5130m	0.106	ng/ul	
21) Benzo(a)anthracene	21.388	228	2005	0.056	ng/ul#	66
22) Chrysene	21.414	228	5741	0.141	ng/ul#	79
24) Benzo(b)fluoranthene	23.036	252	2633	0.070	ng/ul#	19
25) Benzo(k)fluoranthene	23.083	252	945m	0.025	ng/ul	
26) Benzo(a)pyrene	23.641	252	1175	0.035	ng/ul#	3
27) Indeno(1,2,3-cd)pyrene	26.174	276	1788	0.042	ng/ul	94
29) Benzo(g,h,i)perylene	26.925	276	1872	0.050	ng/ul#	62

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

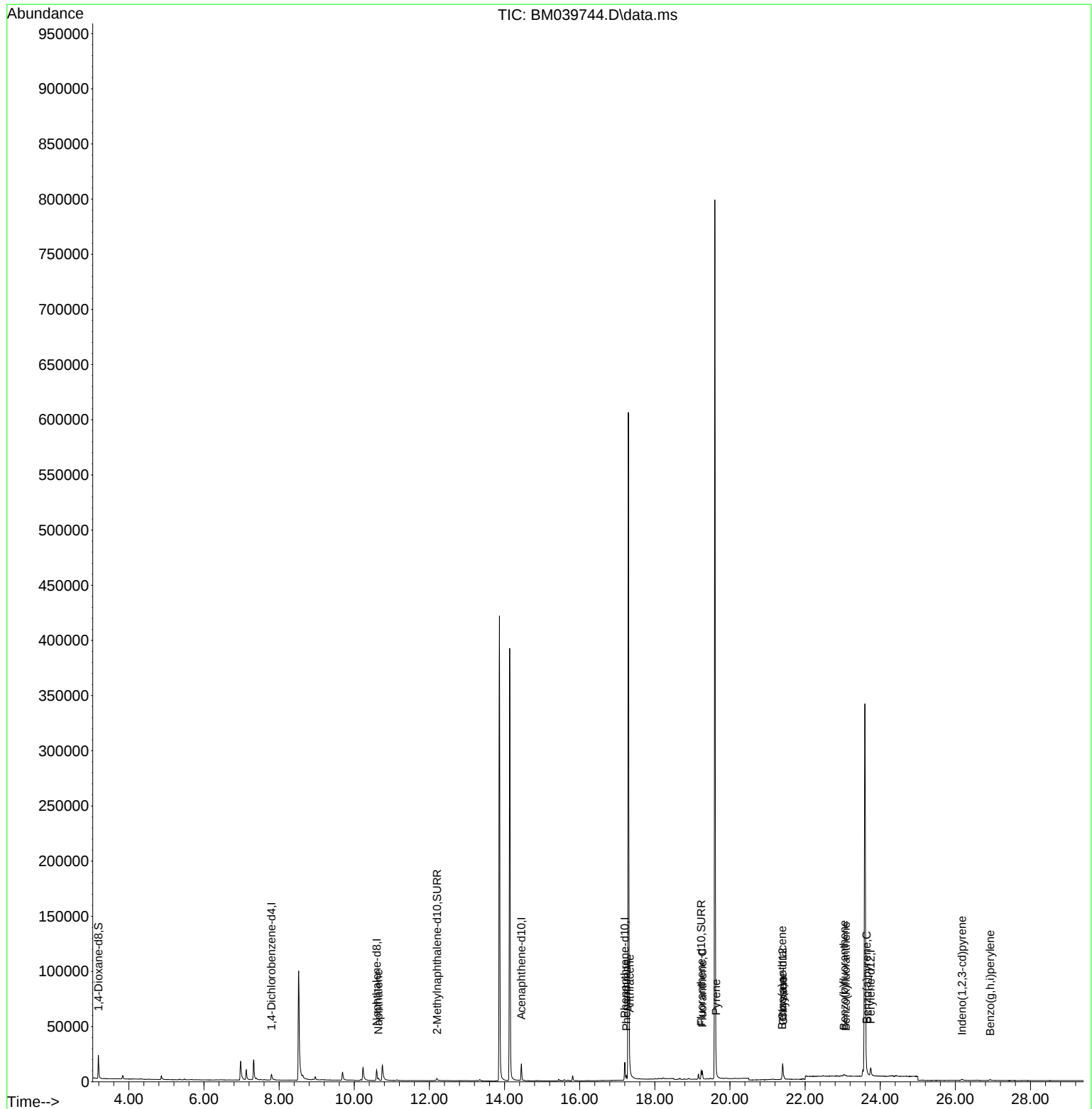
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
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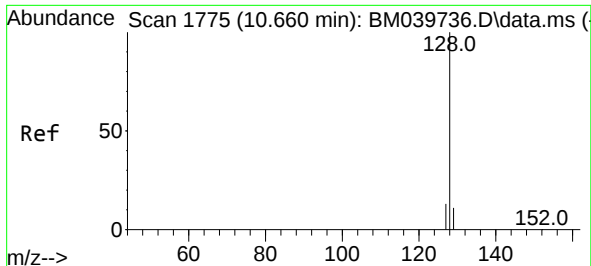
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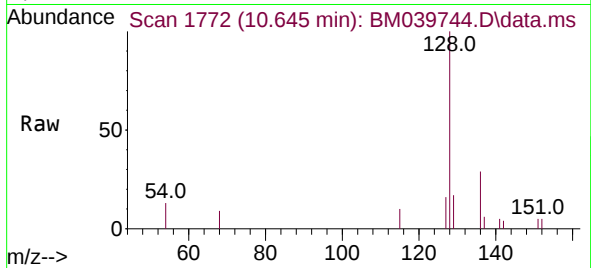
Quant Time: Apr 29 02:25:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.074 ng/ul
RT: 10.645 min Scan# 11
Delta R.T. -0.016 min
Lab File: BM039744.D
Acq: 28 Apr 2023 19:55

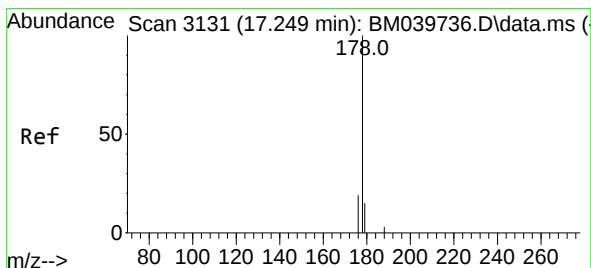
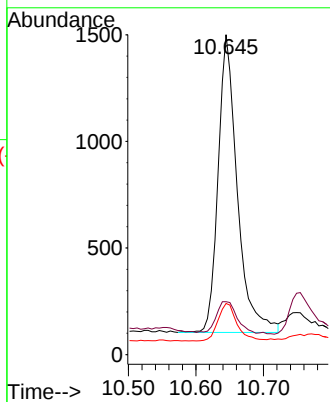
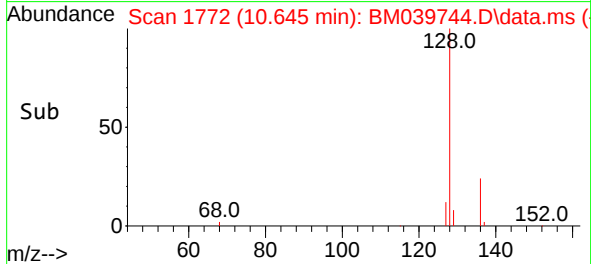
Instrument :
BNA_M
ClientSampleId :
EW8Y5



Tgt Ion:128 Resp: 2756
Ion Ratio Lower Upper
128 100
129 16.5 9.8 14.6
127 16.0 11.1 16.7

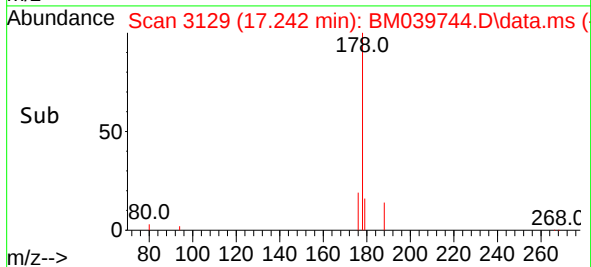
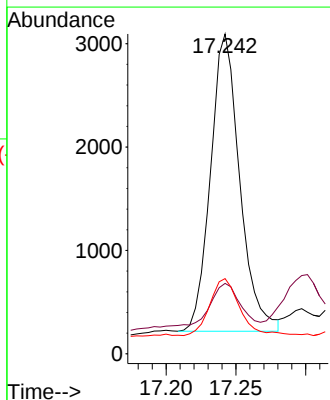
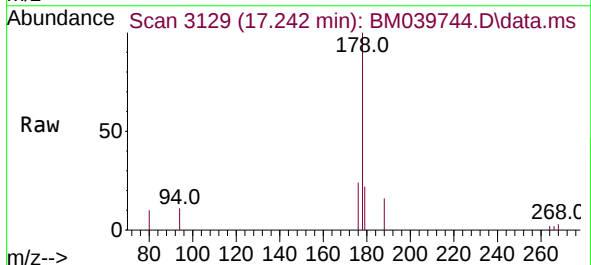
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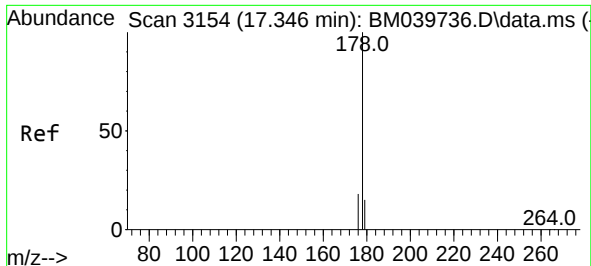
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#15
Phenanthrene
Concen: 0.081 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.013 min
Lab File: BM039744.D
Acq: 28 Apr 2023 19:55

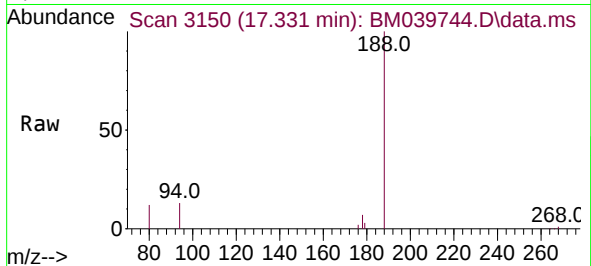
Tgt Ion:178 Resp: 4188
Ion Ratio Lower Upper
178 100
179 22.0 13.0 19.6
176 23.5 15.8 23.8





#16
 Anthracene
 Concen: 0.036 ng/ul
 RT: 17.331 min Scan# 3150
 Delta R.T. -0.025 min
 Lab File: BM039744.D
 Acq: 28 Apr 2023 19:55

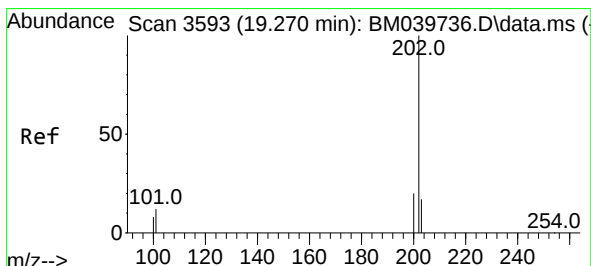
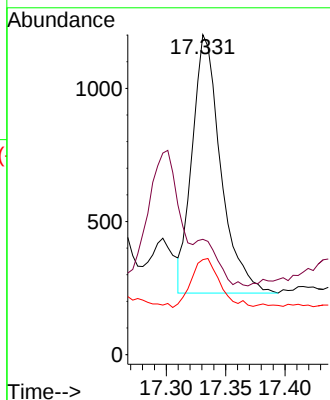
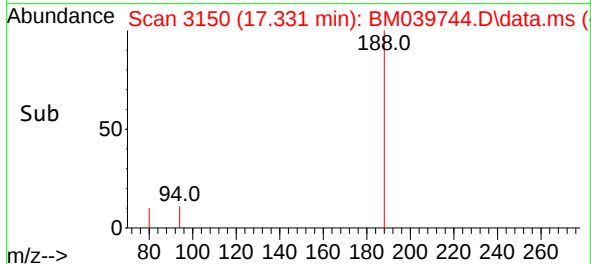
Instrument :
 BNA_M
 ClientSampleId :
 EW8Y5



Tgt Ion:178 Resp: 1619
 Ion Ratio Lower Upper
 178 100
 179 36.0 13.8 20.6#
 176 29.7 15.8 23.8#

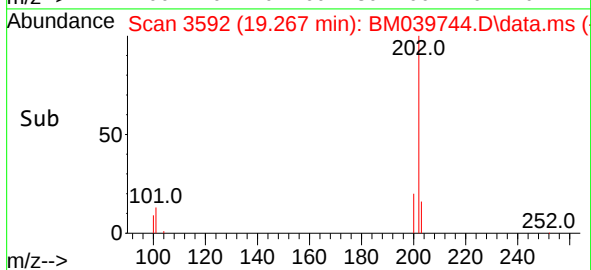
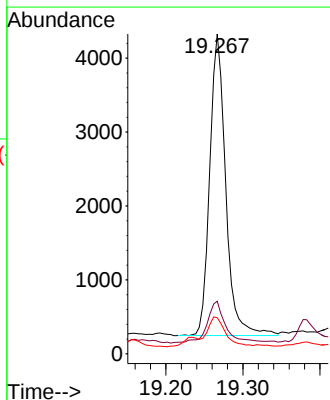
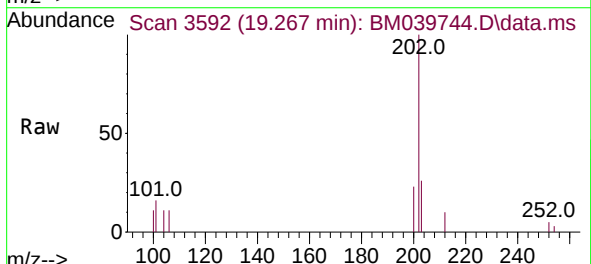
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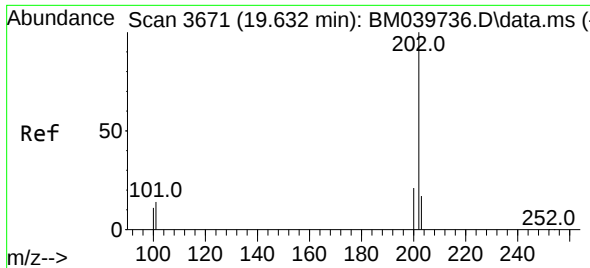
Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



#19
 Fluoranthene
 Concen: 0.132 ng/ul
 RT: 19.267 min Scan# 3592
 Delta R.T. -0.009 min
 Lab File: BM039744.D
 Acq: 28 Apr 2023 19:55

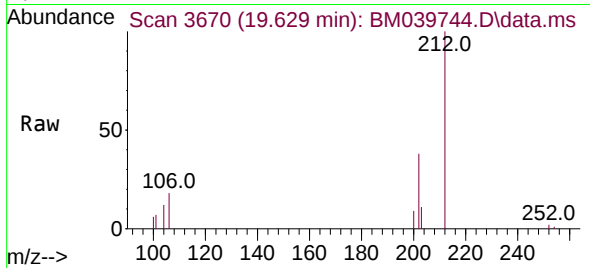
Tgt Ion:202 Resp: 5905
 Ion Ratio Lower Upper
 202 100
 101 16.5 9.8 14.8#
 100 11.3 7.3 10.9#





#20
Pyrene
Concen: 0.106 ng/ul m
RT: 19.629 min Scan# 3671
Delta R.T. -0.014 min
Lab File: BM039744.D
Acq: 28 Apr 2023 19:55

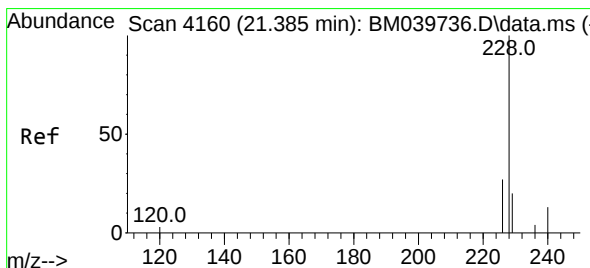
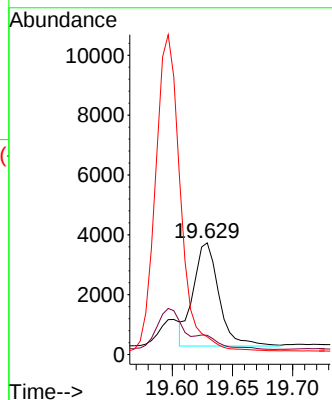
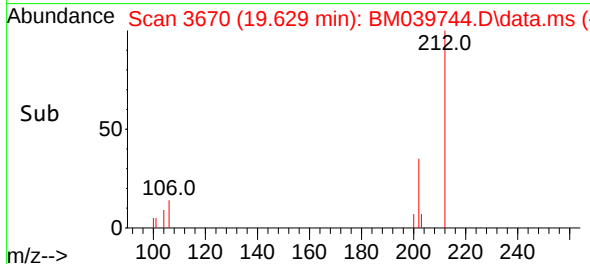
Instrument :
BNA_M
ClientSampleId :
EW8Y5



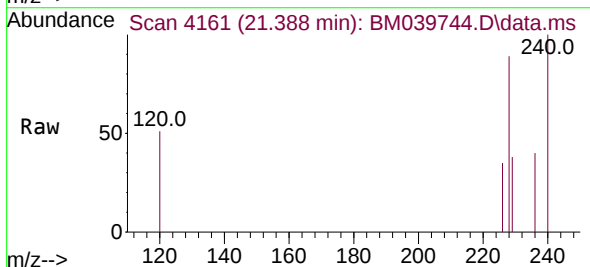
Tgt Ion:202 Resp: 5130
Ion Ratio Lower Upper
202 100
101 17.3 10.9 16.3#
100 16.0 8.9 13.3#

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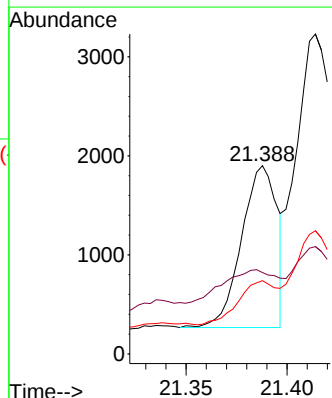
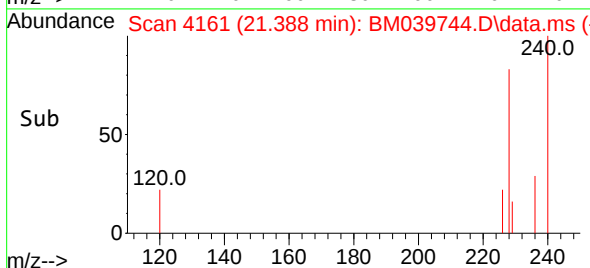
Reviewed By :Christian Giraldo 05/01/2023
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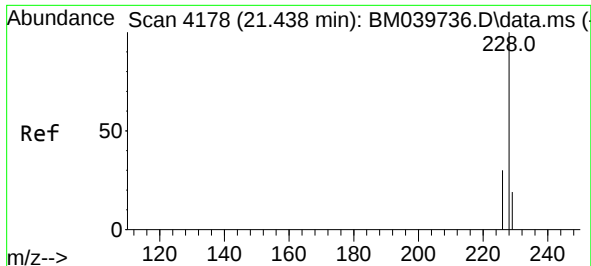


#21
Benzo(a)anthracene
Concen: 0.056 ng/ul
RT: 21.388 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BM039744.D
Acq: 28 Apr 2023 19:55



Tgt Ion:228 Resp: 2005
Ion Ratio Lower Upper
228 100
229 43.2 16.2 24.2#
226 38.9 21.6 32.4#





#22

Chrysene

Concen: 0.141 ng/ul

RT: 21.414 min Scan# 4178

Delta R.T. -0.032 min

Lab File: BM039744.D

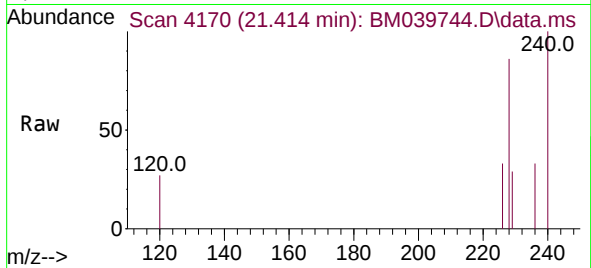
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Instrument :

BNA_M

ClientSampleId :

EW8Y5

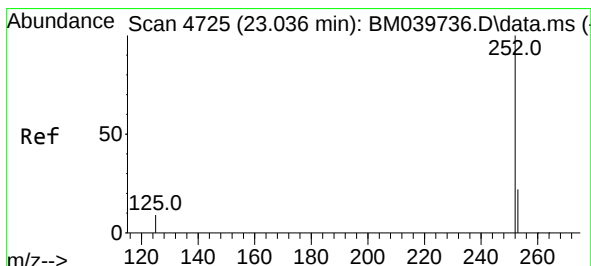
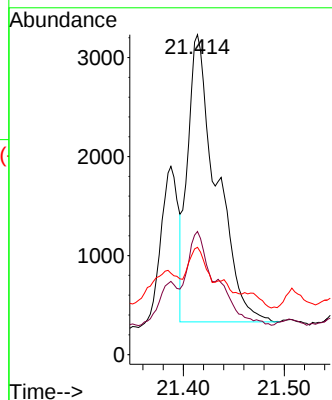
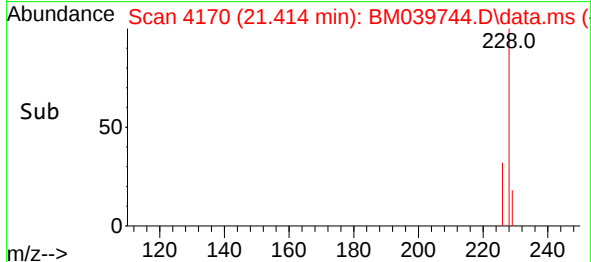


Tgt Ion:	228	Resp:	574
Ion Ratio	Lower	Upper	
228	100		
226	38.5	24.3	36.5
229	33.5	15.9	23.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/01/2023



#24

Benzo(b)fluoranthene

Concen: 0.070 ng/ul

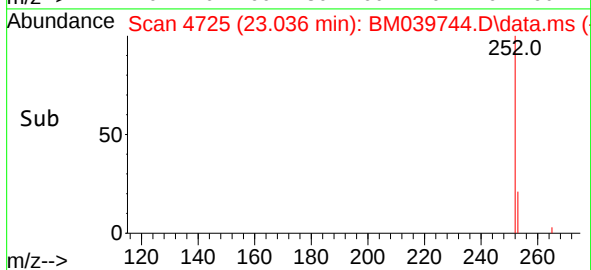
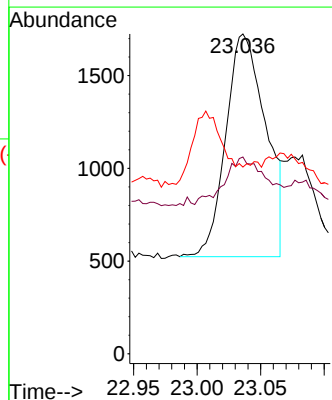
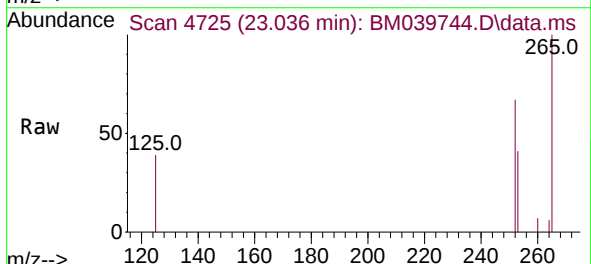
RT: 23.036 min Scan# 4725

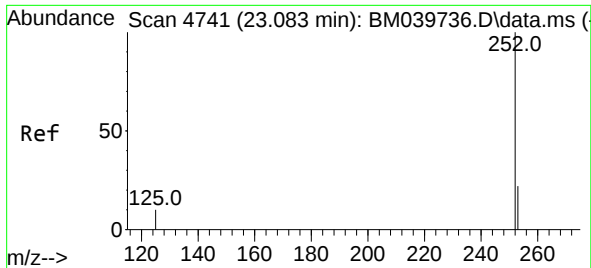
Delta R.T. -0.009 min

Lab File: BM039744.D

Acq: 28 Apr 2023 19:55

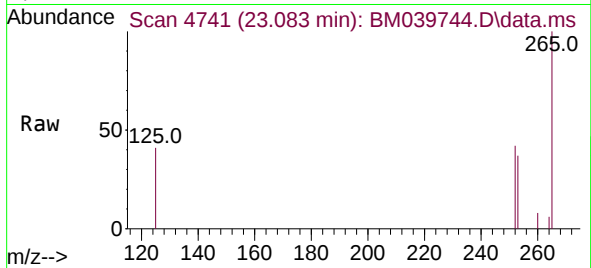
Tgt Ion:	252	Resp:	2633
Ion Ratio	Lower	Upper	
252	100		
253	61.5	0.0	52.8
125	58.4	0.0	31.6





#25
Benzo(k)fluoranthene
Concen: 0.025 ng/ul m
RT: 23.083 min Scan# 4741
Delta R.T. -0.012 min
Lab File: BM039744.D
Acq: 28 Apr 2023 19:55

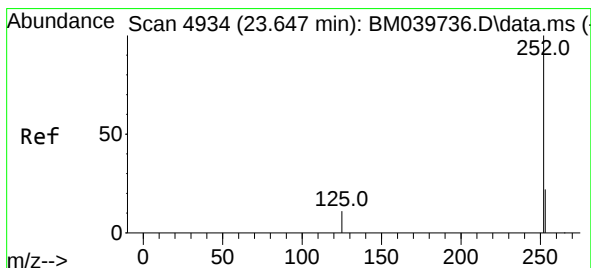
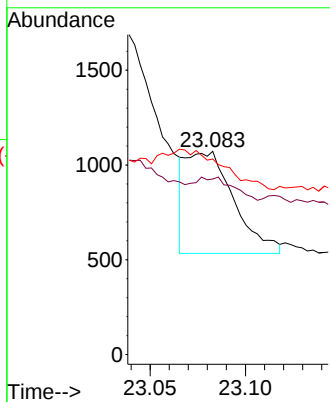
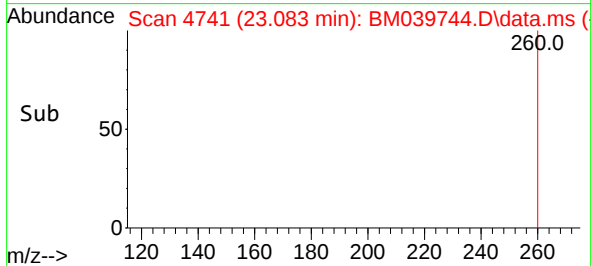
Instrument :
BNA_M
ClientSampleId :
EW8Y5



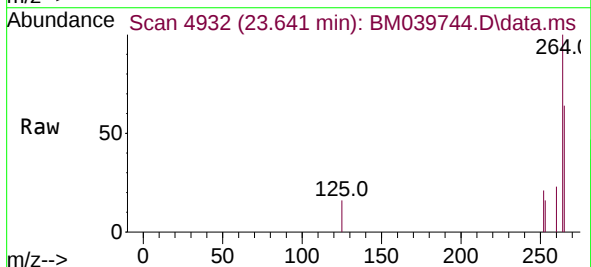
Tgt Ion:252 Resp: 945
Ion Ratio Lower Upper
252 100
253 86.4 21.3 31.9#
125 96.3 13.0 19.6#

Manual Integrations
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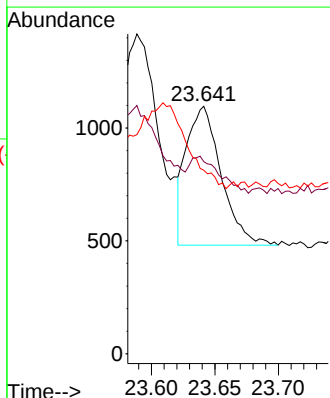
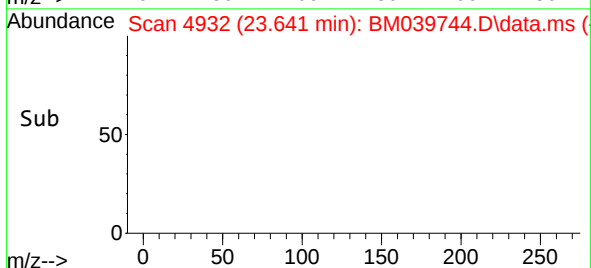
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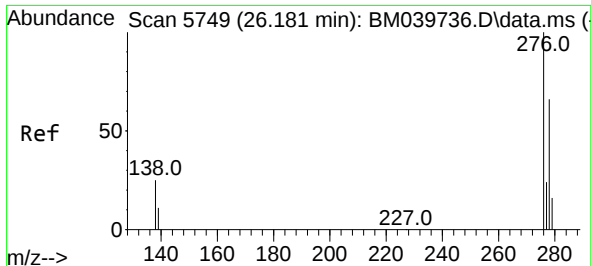


#26
Benzo(a)pyrene
Concen: 0.035 ng/ul
RT: 23.641 min Scan# 4932
Delta R.T. -0.023 min
Lab File: BM039744.D
Acq: 28 Apr 2023 19:55



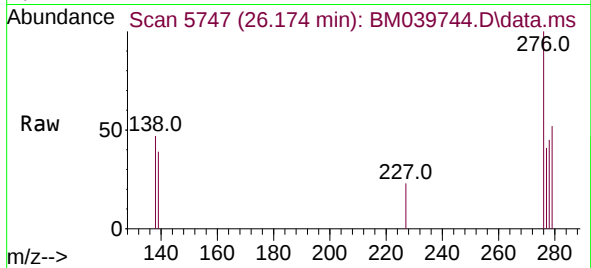
Tgt Ion:252 Resp: 1175
Ion Ratio Lower Upper
252 100
253 77.6 24.7 37.1#
125 74.2 16.5 24.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.042 ng/ul
RT: 26.174 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM039744.D
Acq: 28 Apr 2023 19:55

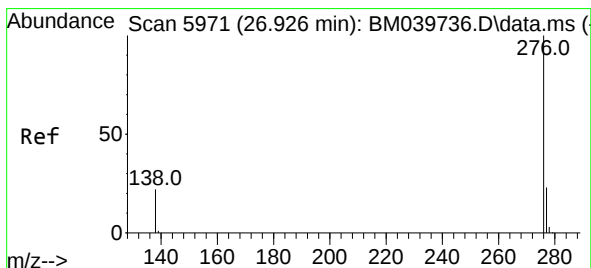
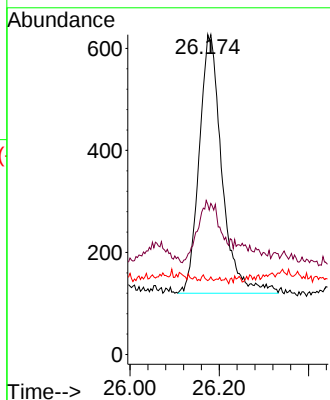
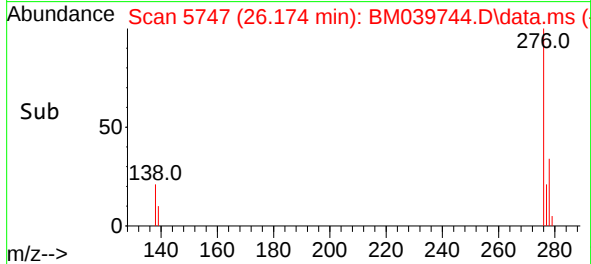
Instrument :
BNA_M
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Tgt Ion:276 Resp: 1788
Ion Ratio Lower Upper
276 100
138 23.1 21.1 31.7
227 0.1 0.1 0.1

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#29
Benzo(g,h,i)perylene
Concen: 0.050 ng/ul
RT: 26.925 min Scan# 5971
Delta R.T. -0.023 min
Lab File: BM039744.D
Acq: 28 Apr 2023 19:55

Tgt Ion:276 Resp: 1872
Ion Ratio Lower Upper
276 100
138 46.1 20.1 30.1#
277 42.4 20.1 30.1#

