

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
 Data File : BM042003.D
 Acq On : 23 Sep 2023 00:57
 Operator : MA/JU
 Sample : 04386-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/26/2023

Quant Time: Sep 23 02:40:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	5322	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	13582	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	6468	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	12084	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	4630	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	4619	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	30442	4.198	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	4463	0.262	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	5931	0.311	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.392	178	1569	0.028	ng/ul#	85
19) Fluoranthene	19.403	202	3563	0.068	ng/ul	95
20) Pyrene	19.766	202	2952	0.057	ng/ul#	84
21) Benzo(a)anthracene	21.504	228	1250	0.036	ng/ul#	86
22) Chrysene	21.559	228	1365	0.038	ng/ul#	85
24) Benzo(b)fluoranthene	23.190	252	1943	0.055	ng/ul#	3
25) Benzo(k)fluoranthene	23.234	252	738m	0.021	ng/ul	
26) Benzo(a)pyrene	23.822	252	959	0.033	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.424	276	909	0.023	ng/ul#	35
29) Benzo(g,h,i)perylene	27.199	276	858	0.025	ng/ul#	30

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

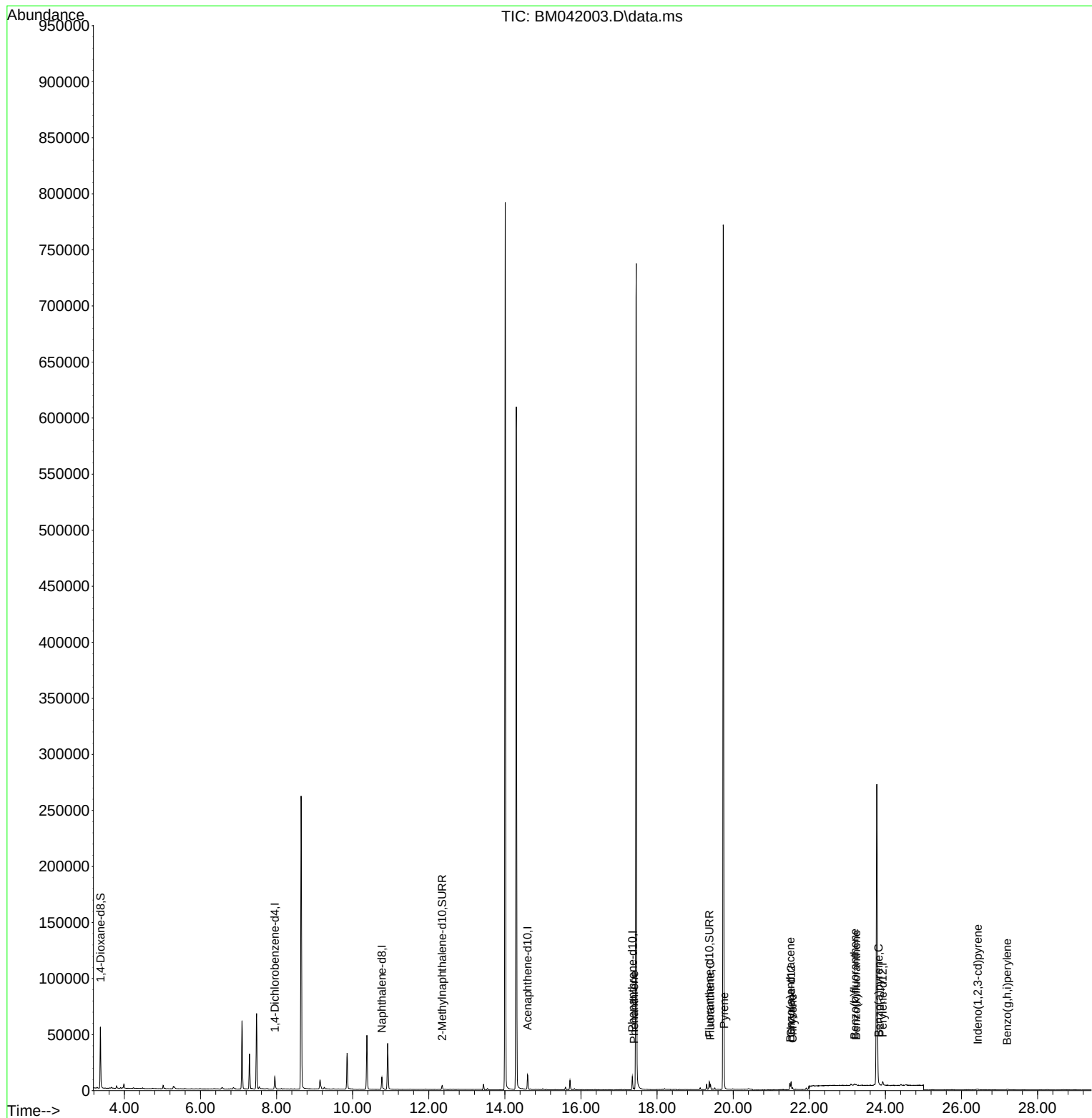
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
Data File : BM042003.D
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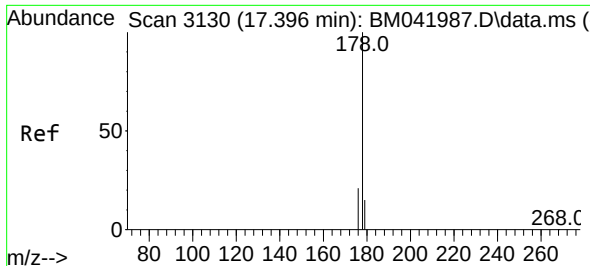
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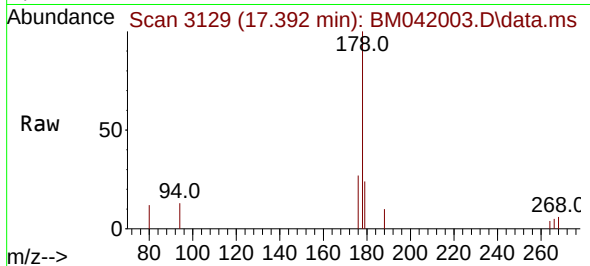
Quant Time: Sep 23 02:40:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
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#15
Phenanthrene
Concen: 0.028 ng/u1
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM042003.D
Acq: 23 Sep 2023 00:57

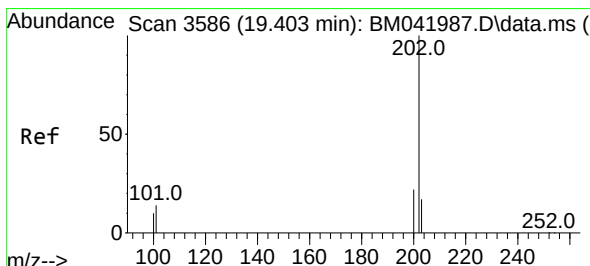
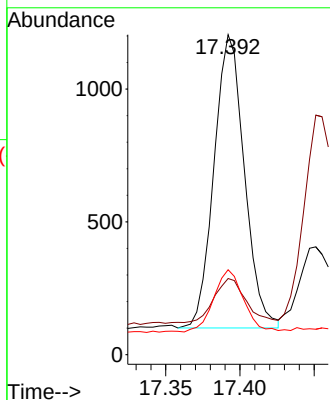
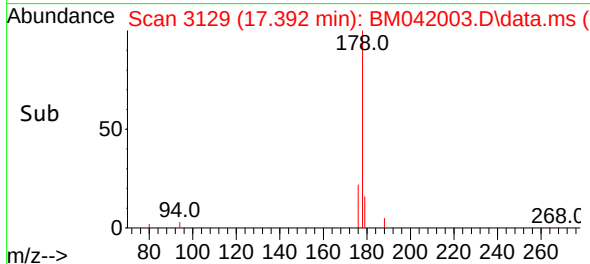
Instrument :
BNA_M
ClientSampleId :
C0AB9



Tgt Ion:178 Resp: 1569
Ion Ratio Lower Upper
178 100
179 23.8 12.7 19.1
176 26.6 16.6 24.8

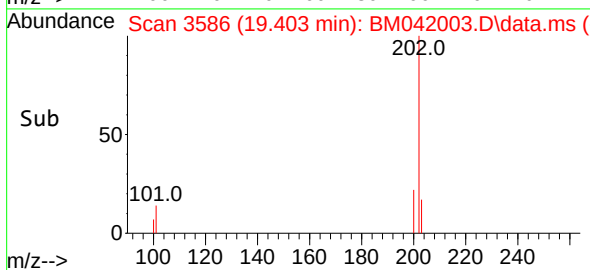
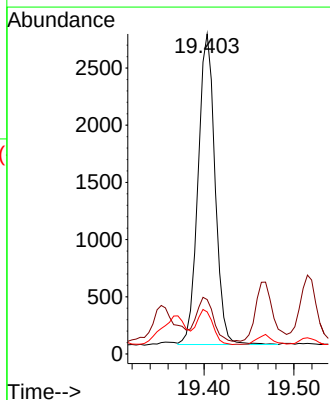
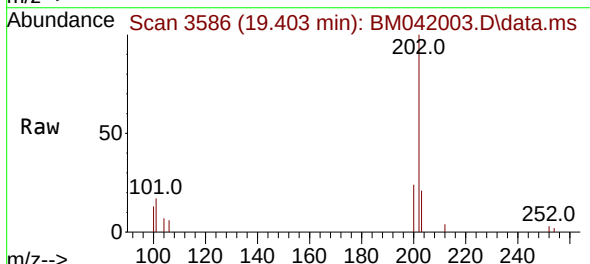
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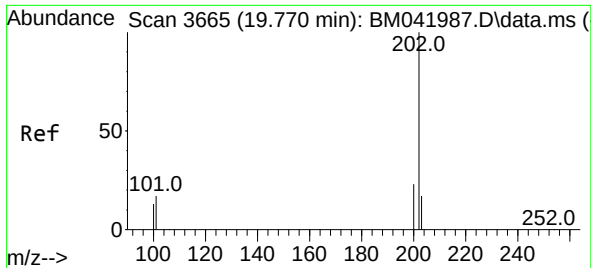
Reviewed By :Yogesh Patel 09/25/2023
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#19
Fluoranthene
Concen: 0.068 ng/u1
RT: 19.403 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BM042003.D
Acq: 23 Sep 2023 00:57

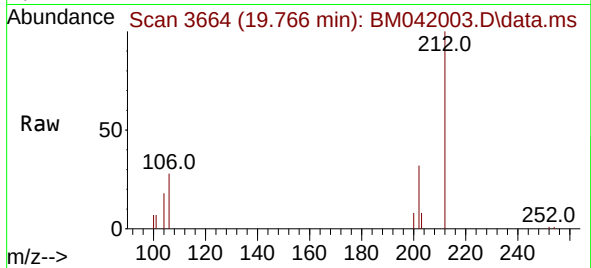
Tgt Ion:202 Resp: 3563
Ion Ratio Lower Upper
202 100
101 17.0 11.8 17.6
100 13.2 9.1 13.7





#20
Pyrene
Concen: 0.057 ng/ul
RT: 19.766 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM042003.D
Acq: 23 Sep 2023 00:57

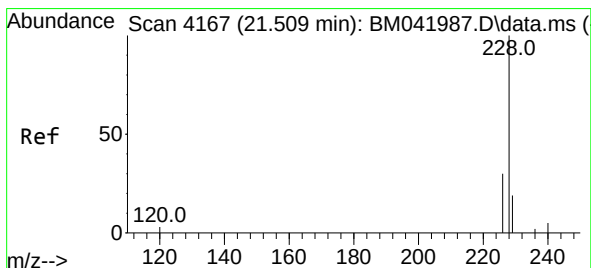
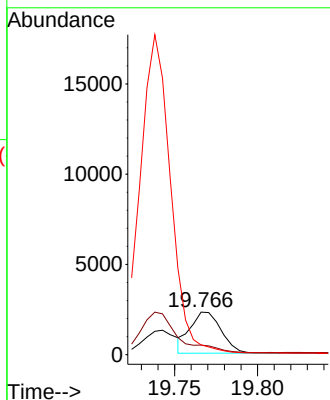
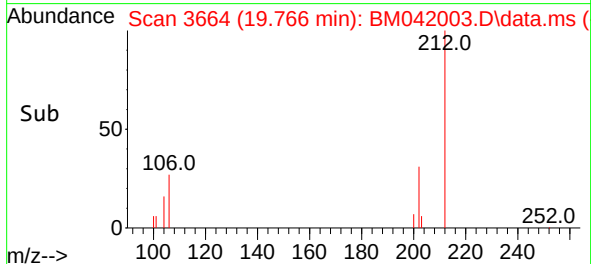
Instrument :
BNA_M
ClientSampleId :
C0AB9



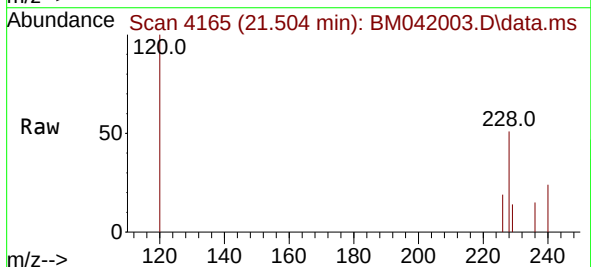
Tgt Ion:202 Resp: 2952
Ion Ratio Lower Upper
202 100
101 22.8 14.1 21.1#
100 22.9 11.4 17.0#

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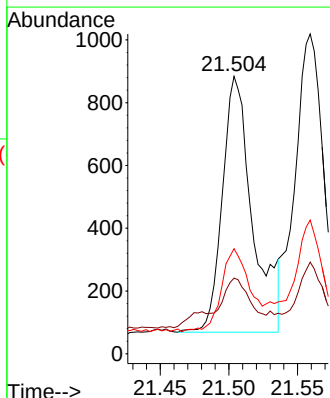
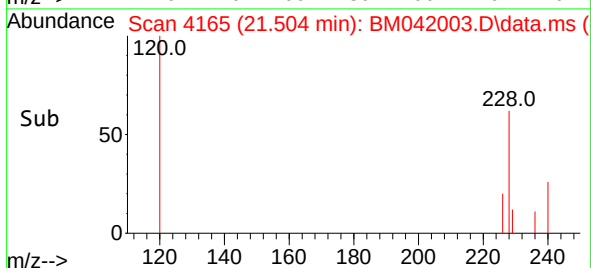
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Supervised By :mohammad ahmed 09/26/2023

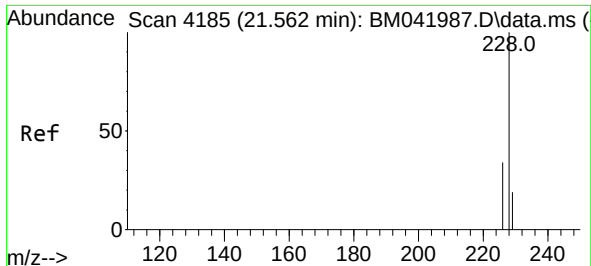


#21
Benzo(a)anthracene
Concen: 0.036 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM042003.D
Acq: 23 Sep 2023 00:57



Tgt Ion:228 Resp: 1250
Ion Ratio Lower Upper
228 100
229 27.3 15.5 23.3#
226 37.9 24.8 37.2#





#22

Chrysene

Concen: 0.038 ng/ul

RT: 21.559 min Scan# 4185

Delta R.T. -0.003 min

Lab File: BM042003.D

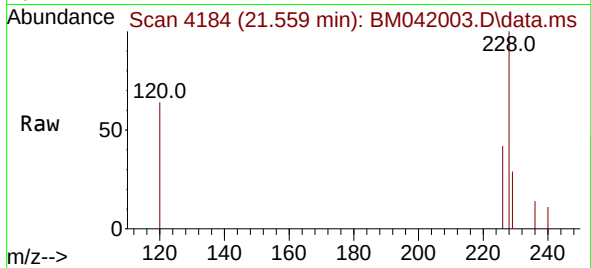
Acq: 23 Sep 2023 00:57

Instrument :

BNA_M

ClientSampleId :

C0AB9



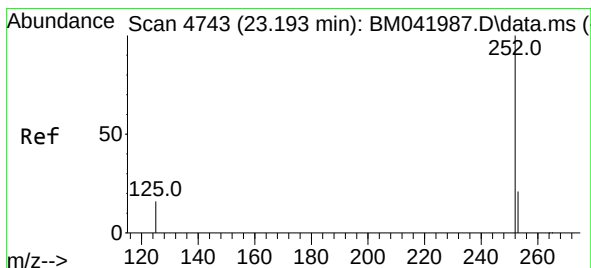
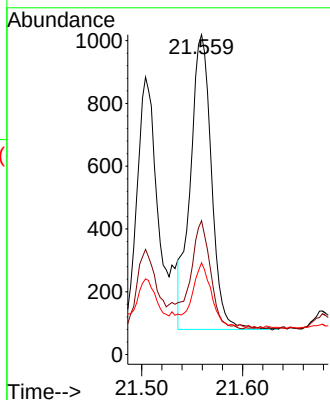
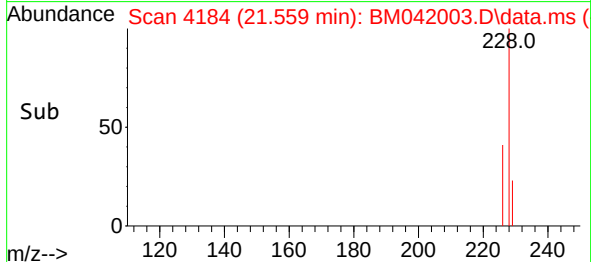
Tgt Ion	Ratio	Lower	Upper
228	100		
226	41.8	27.8	41.6
229	28.7	15.6	23.4

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#24

Benzo(b)fluoranthene

Concen: 0.055 ng/ul

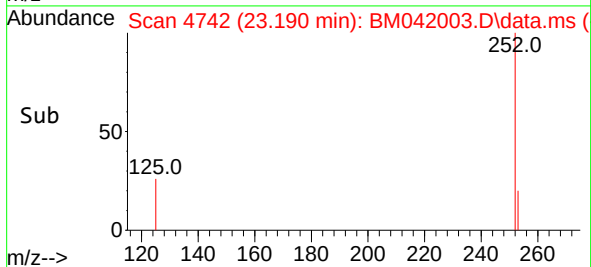
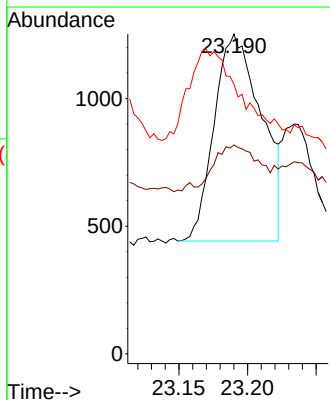
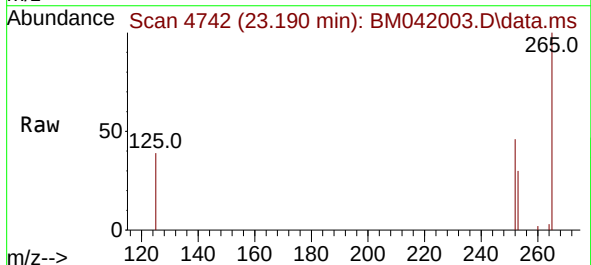
RT: 23.190 min Scan# 4742

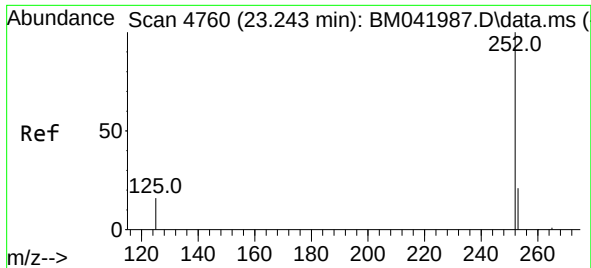
Delta R.T. 0.000 min

Lab File: BM042003.D

Acq: 23 Sep 2023 00:57

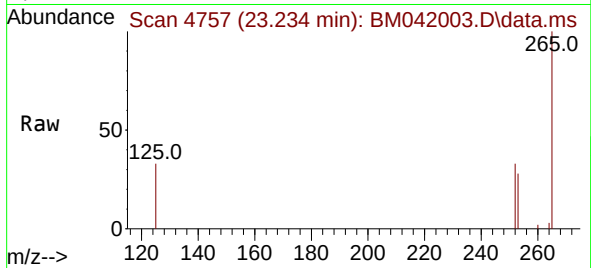
Tgt Ion	Ratio	Lower	Upper
252	100		
253	65.3	0.0	54.4
125	84.2	0.0	46.2





#25
Benzo(k)fluoranthene
Concen: 0.021 ng/ul m
RT: 23.234 min Scan# 4757
Delta R.T. -0.006 min
Lab File: BM042003.D
Acq: 23 Sep 2023 00:57

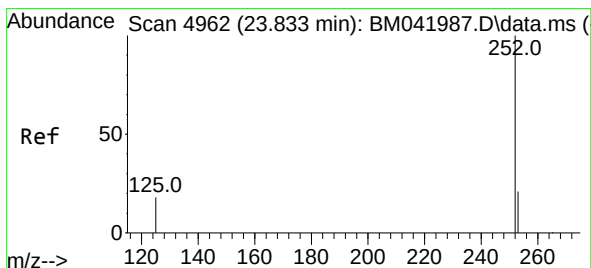
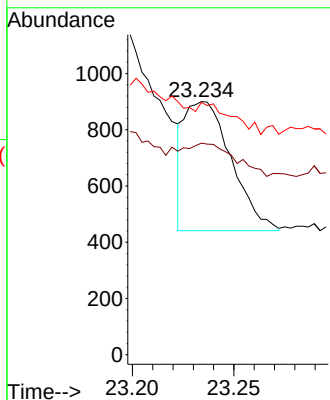
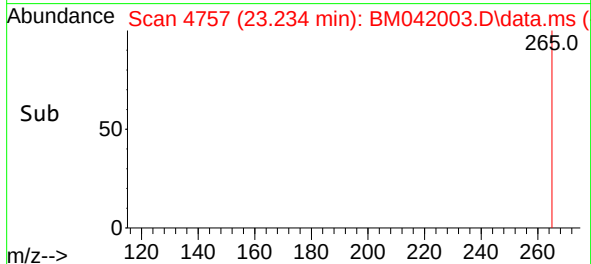
Instrument :
BNA_M
ClientSampleId :
C0AB9



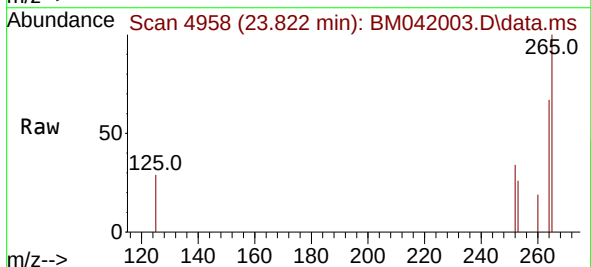
Tgt Ion:252 Resp: 738
Ion Ratio Lower Upper
252 100
253 83.6 21.0 31.6
125 99.7 19.0 28.6

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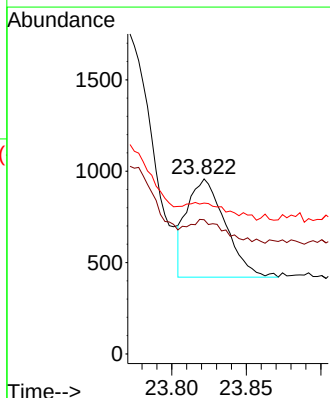
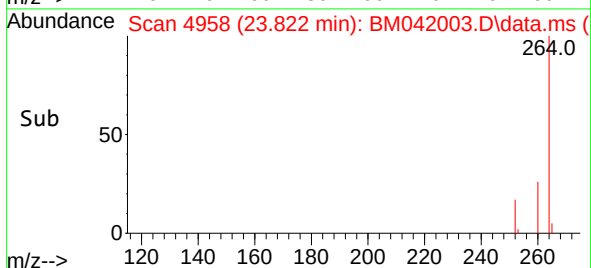
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023

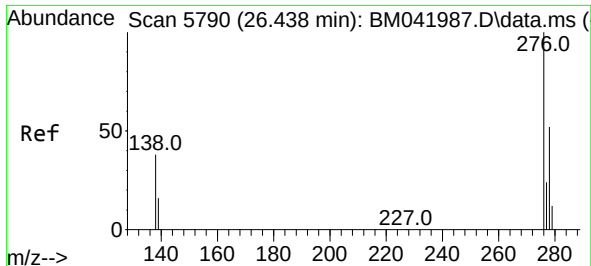


#26
Benzo(a)pyrene
Concen: 0.033 ng/ul
RT: 23.822 min Scan# 4958
Delta R.T. -0.006 min
Lab File: BM042003.D
Acq: 23 Sep 2023 00:57



Tgt Ion:252 Resp: 959
Ion Ratio Lower Upper
252 100
253 76.6 23.2 34.8#
125 86.1 22.5 33.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.023 ng/ul

RT: 26.424 min Scan# 5786

Delta R.T. -0.007 min

Lab File: BM042003.D

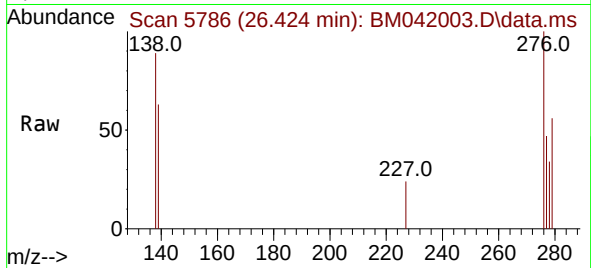
Acq: 23 Sep 2023 00:57

Instrument :

BNA_M

ClientSampleId :

C0AB9



Tgt Ion: 276 Resp: 909

Ion Ratio Lower Upper

276 100

138 0.0 32.1 48.1

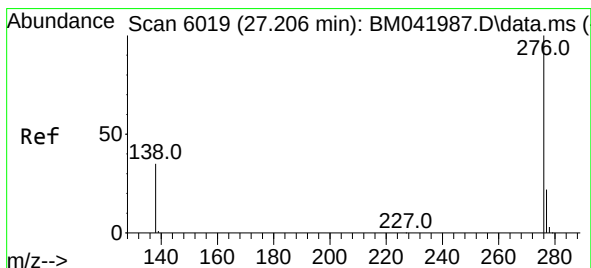
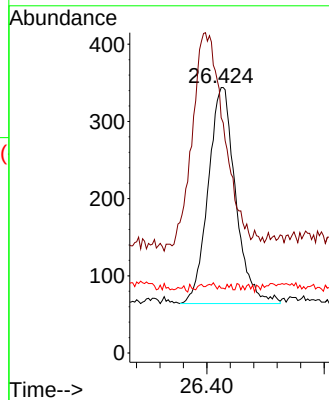
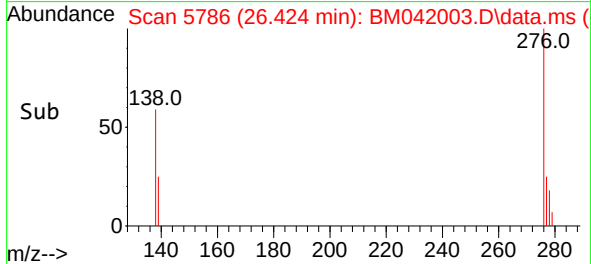
227 0.3 0.2 0.2

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#29

Benzo(g,h,i)perylene

Concen: 0.025 ng/ul

RT: 27.199 min Scan# 6017

Delta R.T. -0.010 min

Lab File: BM042003.D

Acq: 23 Sep 2023 00:57

Tgt Ion: 276 Resp: 858

Ion Ratio Lower Upper

276 100

138 86.5 29.0 43.4#

277 48.4 19.6 29.4#

